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REPAYMENT STUDY INPUT PARAMETERS

06/07/96

ACCURACY:	.000050
LOW INITIAL VALUE:	1.000
HIGH INITIAL VALUE:	1.500
YEAR RUN:	1996
CYCLE:	TI6
CB REPL:	DUM
BPA REPL:	I96

INTERMEDIATE REPORTS REQUESTED:

CODE	NAME
2	SIX PAGE MASTER SUMMARY TABLES
8	LIST INTEREST BY YEAR AND PROJECT
9	APPLICATION OF AMORTIZATION

FINAL REPORTS REQUESTED:

CODE	NAME
2	SIX PAGE MASTER SUMMARY TABLES
8	LIST INTEREST BY YEAR AND PROJECT
9	APPLICATION OF AMORTIZATION

COMMENT: GEN FIN 96 RATE CASE 1997-2001 BO

1INPUT CARDS ONLY

N1 REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL
N2 OCTOBER 1,1996 - SEPTEMBER 30,1997 COST EVALUATION PERIOD
N3 REPAY 97 GS6 - GENERATION, FINAL, 1996 RATE CASE
N0 GENERATION

11996	0	0	780762	199720472047
0HISTORICAL YEAR:				1996

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HISTORICAL CUMULATIVE REVENUES: 0
 HISTORICAL CUMULATIVE PURCHASE & EXCHANGE: 0
 HISTORICAL CUMULATIVE IRRIGATION INVESTMENT: 780762
 YEAR OF THE RATE CHANGE: 1997
 LAST YEAR OF REPAYMENT PERIOD: 2047

INTEREST RATES OF INTEREST INCOME

1X07495

INTEREST RATES OF NEW DEFERRALS

1Y06500

OPERATING YEAR FACTORS

1F75000

PROJECTED REVENUE

21997	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22003	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22010	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22017	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22024	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22031	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22038	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22045	1033376	1033376	1033376	1033376	1033376			4133504
	8267008	8267008	8267008	8267008	7233632	7233632	7233632	54768928 = TOT

AL FOR 2

PROJECTED IRRIGATION ASSISTANCE

	NEW INVESTMENT	NEW INVESTMENT	NEW INVESTMENT	
31997	0	0	0	0
31999	0	0	0	0
32002	0	0	0	0

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32005	0	0	0	0
32008	0	6942	6566	13508
32011	3476	19793	37530	60799
32014	5107	5394	35253	45754
32017	51187	10902	21258	83347
32020	39207	39049	29080	107336
32023	41806	20037	33228	95071
32026	32228	33386	44797	110411
32029	29963	29963	44797	104723
32032	40424	40424	29207	110055
32035	28549	28708	29310	86567
32038	29311	33835	33836	96982
32041	34694	34695	32941	102330
32044	32941	33099	39725	105765
	368893	336227	417528	1122648 = TOT

AL FOR 3

CAPITALIZED CONTRACTUAL OBLIGATIONS

41997	564891	586011	655861	660198	655560	608183	682196	4412900
42003	613367	577384	594702	611185	611325	593613	593933	4195509
42010	593066	586961	390751	391187	388225	367371	259057	2976618
42017	88991	265685	265690	262751	263249	263472	250007	1659845
42024	249115	248559	248559	248559	248559	247559	247559	1738469
42031	247559	247559	247559	247559	247559	247559	247559	1732913
42038	247559	247559	247559	247559	247559	247559	247559	1732913
42045	247559	247559						495118
	2852107	3007277	2650681	2668998	2662036	2575316	2527870	18944285 = TOT

AL FOR 4

- 5 ALBE ALBENI FALLS
- 5 BOIS BOISE
- 5 BON2 BONNEVILLE - 2ND POWER HOUSE
- 5 BONN BONNEVILLE
- 5 CHIE CHIEF JOSEPH
- 5 COL3 COLUMBIA BASIN - 3RD PWR HOUSE
- 5 COLU COLUMBIA BASIN

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5	COUG	COUGAR
5	CRFB	COLUMBIA RIVER FISH MITIGATION
5	DETR	DETROIT-BIG CLIFF
5	DWOR	DWORSHAK
5	GREE	GREEN PETER-FOSTER
5	HILL	HILLS CREEK
5	HUNG	HUNGRY HORSE
5	ICEF	ICE HARBOR FISH BYPASS
5	ICEH	ICE HARBOR
5	JOHN	JOHN DAY
5	LIBB	LIBBY
5	LITF	LITTLE GOOSE FISH BYPASS
5	LITT	LITTLE GOOSE
5	LOGF	LOWER GRANITE FISH BYPASS
5	LOMF	LOWER MONUMENTAL FISH BYPASS
5	LOOK	LOOKOUT POINT-DEXTER
5	LOST	LOST CREEK
5	LOWG	LOWER GRANITE
5	LOWM	LOWER MONUMENTAL
5	LSFW	LOWER SNAKE F AND W
5	MCNA	MCNARY
5	MCNF	MCNARY FISH BYPASS
5	MINI	MINIDOKA
5	STRU	STRUBE
5	THED	THE DALLEES
5	YAKC	YAKIMA-CHANDLER
5	YAKR	YAKIMA-ROZA
5	ZABF	BPA PROGRAM
5	ZACO	BPA CONSERVATION
5	ZADB	BUREAU DIRECT FUND
5	ZAFW	FISH, WILDLIFE & ENVIRONMENTAL
5	ZBPA	BONNEVILLE POWER ADMINISTRATION
5	ZIRR	IRRIGATION ASSISTANCE

HISTORICAL

	O & M	INTEREST		
5	ALBEX	43638	27935	71573
5	BOISX	35564	1171	36735
5	BONNX	149194	379685	528879

5	CHIEX	147058	325150	472208
5	COLUX	412704	493414	906118
5	COUGX	7849	13639	21488
5	CRFBX	0	7837	7837
5	DETRX	26797	35515	62312
5	DWORX	81063	173035	254098
5	GREEX	23532	35008	58540
5	HILLX	7597	14019	21616
5	HUNGX	33399	48448	81847
5	ICEHX	62792	100291	163083
5	JOHNX	121309	261142	382451
5	LIBBX	51137	253192	304329
5	LITTX	61336	147440	208776
5	LOOKX	30917	43160	74077
5	LOSTX	13786	15568	29354
5	LOWGX	80412	198210	278622
5	LOWMX	59475	161593	221068
5	LSFWX	97877	95714	193591
5	MCNAX	158849	237110	395959
5	MINIX	75561	2758	78319
5	THEDX	116284	226372	342656
5	YAKCX	18578	2811	21389
5	YAKRX	8509	824	9333
5	ZBPAX	0	0	0
5	ZACOX	0	0	0
		1925217	3301041	5226258 = TOT

AL FOR 5

PROJECTED O & M

61996ALBE	152269
61997ALBE	3843
61997BOIS	1944
61997BONN	10575
61997CHIE	10596
61997COLU	28999
61997COUG	588
61997DETR	1786
61997DWOR	6844

61997GREE	1763
61997HILL	488
61997HUNG	1088
61997ICEH	5001
61997JOHN	9874
61997LIBB	3380
61997LITT	4085
61997LOOK	2233
61997LOST	1388
61997LOWG	5843
61997LOWM	6202
61997LSFW	15384
61997MCNA	9745
61997MINI	3703
61997THED	8014
61997YAKC	483
61997YAKR	754
	296872

296872 = TOT

AL FOR 6

61994ZABF	0
	0

0 = TOT

AL FOR 6

HISTORICAL FEDERAL INVESTMENTS

			ORIGINAL	CURRENT	INTEREST	DUE	INSERVICE	CALENDAR
	PROJECT		PRINCIPAL	PRINCIPAL	RATE	DATE	DATE	MONTH
6	1996	ALBE X	26590	17950	.06050	2005	1955	
6	1996	ALBE X	12	12	.06050	2005 R	1956	
6	1996	ALBE X	11	11	.06050	2005 R	1957	
6	1996	ALBE X	12	12	.06050	2005 R	1958	
6	1996	ALBE X	12	12	.06050	2005 R	1959	
6	1996	ALBE X	11	11	.06050	2005 R	1960	
6	1996	ALBE X	12	12	.06050	2005 R	1961	

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6	1996	ALBE X	12	12	.06050	2005 R	1962
6	1996	ALBE X	11	11	.06050	2005 R	1963
6	1996	ALBE X	12	12	.06050	2005 R	1964
6	1996	ALBE X	12	12	.06050	2005 R	1965
6	1996	ALBE X	11	11	.06050	2005 R	1966
6	1996	ALBE X	12	12	.06050	2005 R	1967
6	1996	ALBE X	12	12	.06050	2005 R	1968
6	1996	ALBE X	11	11	.06050	2005 R	1969
6	1996	ALBE X	12	12	.06050	2005 R	1970
6	1996	ALBE X	12	12	.06050	2005 R	1971
6	1996	ALBE X	11	11	.06050	2005 R	1972
6	1996	ALBE X	12	12	.06050	2005 R	1973
6	1996	ALBE X	12	12	.06050	2005 R	1974
6	1996	ALBE X	11	11	.06050	2005 R	1975
6	1996	ALBE X	12	12	.06050	2005 R	1976
6	1996	ALBE X	12	12	.06050	2005 R	1977
6	1996	ALBE X	11	11	.06050	2005 R	1978
6	1996	ALBE X	12	12	.06050	2005 R	1979
6	1996	ALBE X	12	12	.06050	2005 R	1980
6	1996	ALBE X	11	11	.06050	2005 R	1981
6	1996	ALBE X	12	12	.06050	2005 R	1982
6	1996	ALBE X	12	12	.06050	2005 R	1983
6	1996	ALBE X	7	7	.06050	2005	1985
6	1996	ALBE X	312	312	.06050	2005	1986
6	1996	ALBE X	15	0	.08875	2005 R	1987
6	1996	ALBE X	12	12	.06050	2005	1987
6	1996	ALBE X	328	0	.08500	2005 R	1988
6	1996	ALBE X	221	0	.09250	2005 R	1989
6	1996	ALBE X	1287	0	.08875	2005	1990
6	1996	ALBE X	43	0	.08750	2005 R	1991
6	1996	ALBE X	111	0	.08750	2005	1991
6	1996	ALBE X	7	0	.08500	2005 R	1992
6	1996	ALBE X	106	0	.08500	2005	1992
6	1996	ALBE X	714	0	.07875	2005 R	1993
6	1996	ALBE X	295	0	.07875	2005	1993
6	1996	ALBE X	61	0	.07125	2019 R	1994
6	1996	ALBE X	173	0	.07125	2019	1994
6	1996	ALBE X	1158	1158	.06490	2045	1995
6	1996	ALBE X	57	57	.06180	2010	1995

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6	1996	ALBE	X	550	550	.06490 2045 1995
6	1996	ALBE	X	18	18	.06180 2010 1995
6	1996	ALBE	X	461	461	.06490 2045 1995
6	1996	BOIS	X	1249	0	.03000 1962 1912
6	1996	BOIS	X	832	0	.03000 1976 1926
6	1996	BOIS	X	416	0	.03000 2000 1950
6	1996	BOIS	X	1873	0	.03000 2001 1951
6	1996	BOIS	X	11	0	.03000 2001 R 1952
6	1996	BOIS	X	11	0	.03000 2001 R 1953
6	1996	BOIS	X	11	0	.03000 2001 R 1954
6	1996	BOIS	X	11	0	.03000 2001 R 1955
6	1996	BOIS	X	11	0	.03000 2001 R 1956
6	1996	BOIS	X	11	0	.03000 2001 R 1957
6	1996	BOIS	X	11	0	.03000 2001 R 1958
6	1996	BOIS	X	11	0	.03000 2001 R 1959
6	1996	BOIS	X	11	0	.03000 2001 R 1960
6	1996	BOIS	X	11	0	.03000 2001 R 1961
6	1996	BOIS	X	11	0	.03000 2001 R 1962
6	1996	BOIS	X	11	0	.03000 2001 R 1963
6	1996	BOIS	X	11	0	.03000 2001 R 1964
6	1996	BOIS	X	11	0	.03000 2001 R 1965
6	1996	BOIS	X	11	0	.03000 2001 R 1966
6	1996	BOIS	X	11	0	.03000 2001 R 1967
6	1996	BOIS	X	11	0	.03000 2001 R 1968
6	1996	BOIS	X	11	0	.03000 2001 R 1969
6	1996	BOIS	X	11	0	.03000 2001 R 1970
6	1996	BOIS	X	11	0	.03000 2001 R 1971
6	1996	BOIS	X	11	0	.03000 2001 R 1972
6	1996	BOIS	X	11	0	.03000 2001 R 1973
6	1996	BOIS	X	11	0	.03000 2001 R 1974
6	1996	BOIS	X	11	0	.03000 2001 R 1975
6	1996	BOIS	X	11	0	.03000 2001 R 1976
6	1996	BOIS	X	11	0	.03000 2001 R 1977
6	1996	BOIS	X	11	0	.03000 2001 R 1978
6	1996	BOIS	X	11	0	.03000 2001 R 1979
6	1996	BOIS	X	18	0	.03000 2001 R 1980
6	1996	BOIS	X	8	0	.03000 2001 R 1981
6	1996	BOIS	X	1	0	.03000 2001 R 1982
6	1996	BOIS	X	1	0	.03000 2001 R 1983

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6	1996	BOIS	X	1325	0	.10750	2001	R	1984		
6	1996	BOIS	X	107	93	.05810	2001		1986		
6	1996	BOIS	X	3	0	.08500	2001		1988		
6	1996	BOIS	X	3264	0	.09250	2001	R	1989		
6	1996	BOIS	X	38	0	.08875	2001	R	1990		
6	1996	BOIS	X	50	0	.08750	2001	R	1991		
6	1996	BOIS	X	418	0	.07875	2001		1993		
6	1996	BOIS	X	7	0	.07125	1999	R	1994		
6	1996	BOIS	X	1	0	.07125	2000		1995		
6	1996	BON2	X	45122	45122	.06490	2031	A	1981		
6	1996	BON2	X	224281	224281	.06490	2032	A	1982		
6	1996	BON2	X	68791	68791	.06490	2033	A	1983		
6	1996	BON2	X	10072	10072	.06490	2033	A	1985		
6	1996	BON2	X	33705	33705	.06490	2033	A	1986		
6	1996	BON2	X	3088	3088	.06490	2033	A	1987		
6	1996	BON2	X	1402	1402	.06490	2033	A	1988		
6	1996	BON2	X	1357	1357	.06490	2033	A	1989		
6	1996	BON2	X	1750	1750	.06490	2033	A	1990		
6	1996	BON2	X	3998	0	.08750	2033	A	1991		
6	1996	BON2	X	26	0	.08750	2033	R	1991		
6	1996	BON2	X	2446	0	.08500	2033	A	1992		
6	1996	BON2	X	3668	0	.07875	2033	A	1993		
6	1996	BON2	X	6242	6242	.06490	2044	A	1994		
6	1996	BONN	X	11726	0	.02500	1988		1938		
6	1996	BONN	X	17589	0	.02500	1991		1941		
6	1996	BONN	X	5863	0	.02500	1992		1942		
6	1996	BONN	X	17589	0	.02500	1993		1943		
6	1996	BONN	X	5860	0	.02500	1994		1944		
6	1996	BONN	X	82	0	.02500	1994	R	1945		
6	1996	BONN	X	81	0	.02500	1994	R	1946		
6	1996	BONN	X	82	0	.02500	1994	R	1947		
6	1996	BONN	X	81	0	.02500	1994	R	1948		
6	1996	BONN	X	82	0	.02500	1994	R	1949		
6	1996	BONN	X	81	0	.02500	1994	R	1950		
6	1996	BONN	X	81	0	.02500	1994	R	1951		
6	1996	BONN	X	82	0	.02500	1994	R	1952		
6	1996	BONN	X	81	0	.02500	1994	R	1953		
6	1996	BONN	X	82	0	.02500	1994	R	1954		
6	1996	BONN	X	81	0	.02500	1994	R	1955		

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6	1996	BONN	X	81	0	.02500	1994	R	1956
6	1996	BONN	X	82	0	.02500	1994	R	1957
6	1996	BONN	X	81	0	.02500	1994	R	1958
6	1996	BONN	X	82	0	.02500	1994	R	1959
6	1996	BONN	X	81	0	.02500	1994	R	1960
6	1996	BONN	X	81	0	.02500	1994	R	1961
6	1996	BONN	X	82	0	.02500	1994	R	1962
6	1996	BONN	X	81	0	.02500	1994	R	1963
6	1996	BONN	X	82	0	.02500	1994	R	1964
6	1996	BONN	X	81	0	.02500	1994	R	1965
6	1996	BONN	X	81	0	.02500	1994	R	1966
6	1996	BONN	X	82	0	.02500	1994	R	1967
6	1996	BONN	X	81	0	.02500	1994	R	1968
6	1996	BONN	X	82	0	.02500	1994	R	1969
6	1996	BONN	X	81	0	.02500	1994	R	1970
6	1996	BONN	X	81	0	.02500	1994	R	1971
6	1996	BONN	X	82	0	.02500	1994	R	1972
6	1996	BONN	X	81	0	.02500	1994	R	1973
6	1996	BONN	X	82	0	.02500	1994	R	1974
6	1996	BONN	X	81	0	.02500	1994	R	1975
6	1996	BONN	X	81	0	.02500	1994	R	1976
6	1996	BONN	X	17225	17225	.06490	2027	B	1977
6	1996	BONN	X	82	0	.02500	1994	R	1977
6	1996	BONN	X	81	0	.02500	1994	R	1978
6	1996	BONN	X	82	0	.02500	1994	R	1979
6	1996	BONN	X	81	0	.02500	1994	R	1980
6	1996	BONN	X	81	0	.02500	1994	R	1981
6	1996	BONN	X	82	0	.02500	1994	R	1982
6	1996	BONN	X	81	0	.02500	1994	R	1983
6	1996	BONN	X	873	0	.10750	1994	R	1984
6	1996	BONN	X	119	0	.02500	1994		1985
6	1996	BONN	X	454	0	.11375	1994	R	1986
6	1996	BONN	X	555	0	.02500	1994		1986
6	1996	BONN	X	26	0	.08875	1994	R	1987
6	1996	BONN	X	260	0	.02500	1994		1987
6	1996	BONN	X	4199	0	.08500	1994		1988
6	1996	BONN	X	10	0	.08500	1994	R	1988
6	1996	BONN	X	877	0	.09250	1994	R	1989
6	1996	BONN	X	519	0	.08875	1994	R	1990

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6	1996	BONN	X	651	0	.08875	1994	A	1990
6	1996	BONN	X	35	0	.08750	1994	R	1991
6	1996	BONN	X	3193	0	.08750	1994		1991
6	1996	BONN	X	99	0	.08500	1994	R	1992
6	1996	BONN	X	25	0	.08500	1994		1992
6	1996	BONN	X	5011	0	.07875	2018		1993
6	1996	BONN	X	536	0	.07125	2029	A	1994
6	1996	BONN	X	3953	3953	.06490	2045		1995
6	1996	BONN	X	425	425	.06490	2045		1995
6	1996	BONN	X	60	60	.06490	2030		1995
6	1996	BONN	X	9	0	.08500	2000		1995
6	1996	BONN	X	345	345	.06490	2045	R	1995
6	1996	BONN	X	26	26	.06180	2010		1995
6	1996	BONN	X	432	432	.06490	2045	R	1995
6	1996	BONN	X	113	113	.06490	2035		1995
6	1996	BONN	X	496	496	.06490	2045		1995
6	1996	BONN	X	22	22	.06380	2020	R	1995
6	1996	BONN	X	23	23	.06380	2020	R	1995
6	1996	CHIE	X	28460	2409	.06050	2005		1955
6	1996	CHIE	X	14590	14590	.06110	2006		1956
6	1996	CHIE	X	42597	42597	.06130	2007		1957
6	1996	CHIE	X	34568	34568	.06150	2008		1958
6	1996	CHIE	X	242	242	.06150	2008	R	1959
6	1996	CHIE	X	242	242	.06150	2008	R	1960
6	1996	CHIE	X	242	242	.06150	2008	R	1961
6	1996	CHIE	X	242	242	.06150	2008	R	1962
6	1996	CHIE	X	243	243	.06150	2008	R	1963
6	1996	CHIE	X	242	242	.06150	2008	R	1964
6	1996	CHIE	X	242	242	.06150	2008	R	1965
6	1996	CHIE	X	242	242	.06150	2008	R	1966
6	1996	CHIE	X	242	242	.06150	2008	R	1967
6	1996	CHIE	X	243	243	.06150	2008	R	1968
6	1996	CHIE	X	242	242	.06150	2008	R	1969
6	1996	CHIE	X	242	242	.06150	2008	R	1970
6	1996	CHIE	X	242	242	.06150	2008	R	1971
6	1996	CHIE	X	242	242	.06150	2008	R	1972
6	1996	CHIE	X	243	243	.06150	2008	R	1973
6	1996	CHIE	X	242	242	.06150	2008	R	1974
6	1996	CHIE	X	242	242	.06150	2008	R	1975

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6	1996	CHIE X	242	242	.06150	2008 R	1976
6	1996	CHIE X	33539	33539	.06490	2027 A	1977
6	1996	CHIE X	242	242	.06150	2008 R	1977
6	1996	CHIE X	83229	83229	.06490	2028 A	1978
6	1996	CHIE X	243	243	.06150	2008 R	1978
6	1996	CHIE X	66118	66118	.06490	2029 A	1979
6	1996	CHIE X	242	242	.06150	2008 R	1979
6	1996	CHIE X	242	242	.06150	2008 R	1980
6	1996	CHIE X	242	242	.06150	2008 R	1981
6	1996	CHIE X	242	242	.06150	2008 R	1982
6	1996	CHIE X	243	243	.06150	2008 R	1983
6	1996	CHIE X	909	0	.10750	2008 R	1984
6	1996	CHIE X	18018	18018	.06490	2029 A	1985
6	1996	CHIE X	50	50	.06150	2008	1985
6	1996	CHIE X	5902	5902	.06490	2029 A	1986
6	1996	CHIE X	104	0	.08875	2008 R	1987
6	1996	CHIE X	3341	3341	.06490	2029 A	1987
6	1996	CHIE X	2996	2996	.06490	2029 A	1988
6	1996	CHIE X	327	0	.09250	2008 R	1989
6	1996	CHIE X	2451	2451	.06490	2029 A	1989
6	1996	CHIE X	4958	4958	.06490	2029	1990
6	1996	CHIE X	1024	0	.08875	2008 A	1990
6	1996	CHIE X	3840	0	.08750	2029 A	1991
6	1996	CHIE X	34	0	.08750	2008 R	1991
6	1996	CHIE X	293	0	.08750	2008	1991
6	1996	CHIE X	2032	0	.08500	2029 A	1992
6	1996	CHIE X	142	0	.08500	2008 R	1992
6	1996	CHIE X	717	0	.08500	2008	1992
6	1996	CHIE X	42	0	.07875	2008 R	1993
6	1996	CHIE X	794	0	.07875	2008	1993
6	1996	CHIE X	1360	0	.07875	2029 A	1993
6	1996	CHIE X	129	0	.07125	2029	1994
6	1996	CHIE X	65	0	.07125	2029 R	1994
6	1996	CHIE X	4662	4399	.06490	2044 A	1994
6	1996	CHIE X	822	822	.06490	2045	1995
6	1996	CHIE X	739	739	.06490	2045	1995
6	1996	CHIE X	151	151	.06490	2045	1995
6	1996	CHIE X	584	584	.06490	2045 R	1995
6	1996	CHIE X	16	16	.06180	2010	1995

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6	1996	COL3	X	51376	43303	.06470	2025	A	1975
6	1996	COL3	X	45432	45432	.06490	2026	A	1976
6	1996	COL3	X	47042	47042	.06490	2027	A	1977
6	1996	COL3	X	46671	46671	.06490	2028	A	1978
6	1996	COL3	X	92643	92643	.06490	2029	A	1979
6	1996	COL3	X	786	786	.06490	2033	B	1983
6	1996	COL3	X	14343	14343	.06490	2033	A	1983
6	1996	COL3	X	18714	18714	.06490	2033	A	1984
6	1996	COL3	X	14552	14552	.06490	2033	A	1984
6	1996	COL3	X	46077	46077	.06490	2033	A	1985
6	1996	COL3	X	118	118	.06490	2033		1985
6	1996	COL3	X	17139	17139	.06490	2033	A	1986
6	1996	COL3	X	15928	15928	.06490	2033	A	1987
6	1996	COL3	X	4800	4800	.06490	2033	A	1988
6	1996	COL3	X	12026	12026	.06490	2033	A	1989
6	1996	COL3	X	7041	7041	.06490	2033	A	1990
6	1996	COL3	X	39	0	.08750	2033	A	1991
6	1996	COL3	X	1360	0	.08500	2033	A	1992
6	1996	COL3	X	12962	0	.07875	2033	A	1993
6	1996	COL3	X	13832	13832	.06490	2044	A	1994
6	1996	COLU	X	10919	0	.03000	1991		1941
6	1996	COLU	X	16165	0	.03000	1992		1942
6	1996	COLU	X	8083	0	.03000	1993		1943
6	1996	COLU	X	16165	0	.03000	1994		1944
6	1996	COLU	X	24247	0	.03000	1998		1948
6	1996	COLU	X	24247	0	.03000	1999		1949
6	1996	COLU	X	16165	0	.03000	2000		1950
6	1996	COLU	X	31397	8025	.05810	2001		1951
6	1996	COLU	X	269	269	.05810	2001	R	1952
6	1996	COLU	X	269	269	.05810	2001	R	1953
6	1996	COLU	X	269	269	.05810	2001	R	1954
6	1996	COLU	X	269	269	.05810	2001	R	1955
6	1996	COLU	X	270	270	.05810	2001	R	1956
6	1996	COLU	X	269	269	.05810	2001	R	1957
6	1996	COLU	X	269	269	.05810	2001	R	1958
6	1996	COLU	X	269	269	.05810	2001	R	1959
6	1996	COLU	X	269	269	.05810	2001	R	1960
6	1996	COLU	X	270	270	.05810	2001	R	1961
6	1996	COLU	X	269	269	.05810	2001	R	1962

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6	1996	COLU X	269	269	.05810	2001 R	1963
6	1996	COLU X	269	269	.05810	2001 R	1964
6	1996	COLU X	269	269	.05810	2001 R	1965
6	1996	COLU X	270	270	.05810	2001 R	1966
6	1996	COLU X	269	269	.05810	2001 R	1967
6	1996	COLU X	269	269	.05810	2001 R	1968
6	1996	COLU X	269	269	.05810	2001 R	1969
6	1996	COLU X	269	269	.05810	2001 R	1970
6	1996	COLU X	270	270	.05810	2001 R	1971
6	1996	COLU X	269	269	.05810	2001 R	1972
6	1996	COLU X	269	269	.05810	2001 R	1973
6	1996	COLU X	269	269	.05810	2001 R	1974
6	1996	COLU X	269	269	.05810	2001 R	1975
6	1996	COLU X	270	270	.05810	2001 R	1976
6	1996	COLU X	269	269	.05810	2001 R	1977
6	1996	COLU X	269	269	.05810	2001 R	1978
6	1996	COLU X	269	269	.05810	2001 R	1979
6	1996	COLU X	269	269	.05810	2001 R	1980
6	1996	COLU X	270	270	.05810	2001 R	1981
6	1996	COLU X	269	269	.05810	2001 R	1982
6	1996	COLU X	269	269	.05810	2001 R	1983
6	1996	COLU X	7815	0	.10750	2001 R	1984
6	1996	COLU X	7338	0	.12375	2001 R	1985
6	1996	COLU X	245	245	.05810	2001	1985
6	1996	COLU X	132	132	.05810	2001	1986
6	1996	COLU X	13	13	.05810	2001	1987
6	1996	COLU X	184	0	.08500	2001 R	1988
6	1996	COLU X	1166	0	.09250	2001 R	1989
6	1996	COLU X	928	0	.08875	2001 R	1990
6	1996	COLU X	177	0	.08750	2001	1991
6	1996	COLU X	1661	0	.08750	2001 R	1991
6	1996	COLU X	445	0	.08500	2001 R	1992
6	1996	COLU X	792	0	.07875	2001	1993
6	1996	COLU X	858	858	.06320	2017 B	1967
6	1996	COLU X	25	0	.07875	2000	1995
6	1996	COLU X	221	221	.06380	2020	1995
6	1996	COLU X	908	908	.06490	2045	1995
6	1996	COLU X	519	519	.06490	2045	1995
6	1996	COLU X	384	384	.06490	2045 R	1995

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6	1996	COLU	X	367	367	.06490	2030 R 1995
6	1996	COLU	X	283	0	.10750	2030 R 1995
6	1996	COLU	X	437	0	.12375	2030 1995
6	1996	COLU	X	249	0	.12375	2030 R 1995
6	1996	COUG	X	11545	10173	.06260	2014 1964
6	1996	COUG	X	22	22	.06260	2014 R 1965
6	1996	COUG	X	22	22	.06260	2014 R 1966
6	1996	COUG	X	22	22	.06260	2014 R 1967
6	1996	COUG	X	22	22	.06260	2014 R 1968
6	1996	COUG	X	22	22	.06260	2014 R 1969
6	1996	COUG	X	22	22	.06260	2014 R 1970
6	1996	COUG	X	22	22	.06260	2014 R 1971
6	1996	COUG	X	22	22	.06260	2014 R 1972
6	1996	COUG	X	22	22	.06260	2014 R 1973
6	1996	COUG	X	22	22	.06260	2014 R 1974
6	1996	COUG	X	22	22	.06260	2014 R 1975
6	1996	COUG	X	22	22	.06260	2014 R 1976
6	1996	COUG	X	22	22	.06260	2014 R 1977
6	1996	COUG	X	22	22	.06260	2014 R 1978
6	1996	COUG	X	22	22	.06260	2014 R 1979
6	1996	COUG	X	22	22	.06260	2014 R 1980
6	1996	COUG	X	22	22	.06260	2014 R 1981
6	1996	COUG	X	22	22	.06260	2014 R 1982
6	1996	COUG	X	22	22	.06260	2014 R 1983
6	1996	COUG	X	1	0	.10750	2014 R 1984
6	1996	COUG	X	1	1	.06260	2014 1985
6	1996	COUG	X	55	0	.11375	2014 R 1986
6	1996	COUG	X	117	117	.06260	2014 1986
6	1996	COUG	X	51	51	.06260	2014 1987
6	1996	COUG	X	2	0	.08500	2014 1988
6	1996	COUG	X	6	0	.09250	2014 R 1989
6	1996	COUG	X	10	0	.08875	2014 R 1990
6	1996	COUG	X	1015	0	.08750	2014 R 1991
6	1996	COUG	X	1	0	.08750	2014 1991
6	1996	COUG	X	2	0	.08500	2014 R 1992
6	1996	COUG	X	539	0	.07875	2014 1993
6	1996	COUG	X	31	0	.07125	2019 A 1994
6	1996	COUG	X	3	0	.07250	2000 1995
6	1996	CRFB	X	3969	0	.08500	2041 1991

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6	1996	CRFB	X	874	0	.08500	2042	1992
6	1996	CRFB	X	85846	0	.08500	2043	1993
6	1996	CRFB	X	39454	0	.08500	2044	1994
6	1996	CRFB	X	45036	45036	.06490	2045	1995
6	1996	DETR	X	12699	3244	.05950	2003	1953
6	1996	DETR	X	21373	21373	.06000	2004	1954
6	1996	DETR	X	19	19	.06000	2004 R	1955
6	1996	DETR	X	20	20	.06000	2004 R	1956
6	1996	DETR	X	19	19	.06000	2004 R	1957
6	1996	DETR	X	20	20	.06000	2004 R	1958
6	1996	DETR	X	19	19	.06000	2004 R	1959
6	1996	DETR	X	20	20	.06000	2004 R	1960
6	1996	DETR	X	19	19	.06000	2004 R	1961
6	1996	DETR	X	20	20	.06000	2004 R	1962
6	1996	DETR	X	19	19	.06000	2004 R	1963
6	1996	DETR	X	20	20	.06000	2004 R	1964
6	1996	DETR	X	19	19	.06000	2004 R	1965
6	1996	DETR	X	20	20	.06000	2004 R	1966
6	1996	DETR	X	19	19	.06000	2004 R	1967
6	1996	DETR	X	20	20	.06000	2004 R	1968
6	1996	DETR	X	19	19	.06000	2004 R	1969
6	1996	DETR	X	20	20	.06000	2004 R	1970
6	1996	DETR	X	19	19	.06000	2004 R	1971
6	1996	DETR	X	20	20	.06000	2004 R	1972
6	1996	DETR	X	19	19	.06000	2004 R	1973
6	1996	DETR	X	20	20	.06000	2004 R	1974
6	1996	DETR	X	19	19	.06000	2004 R	1975
6	1996	DETR	X	20	20	.06000	2004 R	1976
6	1996	DETR	X	19	19	.06000	2004 R	1977
6	1996	DETR	X	20	20	.06000	2004 R	1978
6	1996	DETR	X	19	19	.06000	2004 R	1979
6	1996	DETR	X	20	20	.06000	2004 R	1980
6	1996	DETR	X	19	19	.06000	2004 R	1981
6	1996	DETR	X	20	20	.06000	2004 R	1982
6	1996	DETR	X	19	19	.06000	2004 R	1983
6	1996	DETR	X	21	0	.10750	2004 R	1984
6	1996	DETR	X	6	6	.06000	2004	1985
6	1996	DETR	X	38	0	.11375	2004 R	1986
6	1996	DETR	X	233	0	.08875	2004 R	1987

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6	1996	DETR	X	3	3	.06000	2004	1987
6	1996	DETR	X	68	0	.08500	2004 R	1988
6	1996	DETR	X	26	0	.09250	2004 R	1989
6	1996	DETR	X	115	0	.08875	2004	1990
6	1996	DETR	X	9	0	.08750	2004 R	1991
6	1996	DETR	X	20	0	.08750	2004	1991
6	1996	DETR	X	8	0	.08500	2004	1992
6	1996	DETR	X	211	0	.07875	2004	1993
6	1996	DETR	X	7	0	.07125	1999 R	1994
6	1996	DETR	X	13	0	.07250	2000	1995
6	1996	DWOR	X	153906	148459	.06430	2023	1973
6	1996	DWOR	X	575	575	.06430	2023 R	1974
6	1996	DWOR	X	578	578	.06430	2023 R	1975
6	1996	DWOR	X	578	578	.06430	2023 R	1976
6	1996	DWOR	X	578	578	.06430	2023 R	1977
6	1996	DWOR	X	578	578	.06430	2023 R	1978
6	1996	DWOR	X	578	578	.06430	2023 R	1979
6	1996	DWOR	X	578	578	.06430	2023 R	1980
6	1996	DWOR	X	578	578	.06430	2023 R	1981
6	1996	DWOR	X	578	578	.06430	2023 R	1982
6	1996	DWOR	X	584	584	.06430	2023 R	1983
6	1996	DWOR	X	2499	0	.10750	2023 R	1984
6	1996	DWOR	X	1273	1273	.06430	2023	1985
6	1996	DWOR	X	220	220	.06430	2023	1986
6	1996	DWOR	X	65	0	.08875	2023 R	1987
6	1996	DWOR	X	31	6	.06430	2023	1987
6	1996	DWOR	X	61	0	.08500	2023 R	1988
6	1996	DWOR	X	63	0	.09250	2023 R	1989
6	1996	DWOR	X	245	0	.08875	2023 R	1990
6	1996	DWOR	X	24	0	.08875	2023	1990
6	1996	DWOR	X	224	0	.08750	2023	1991
6	1996	DWOR	X	4	0	.02625	2023	1992
6	1996	DWOR	X	28	0	.08500	2023 R	1992
6	1996	DWOR	X	24	0	.08500	2023	1992
6	1996	DWOR	X	41	0	.07875	2023 R	1993
6	1996	DWOR	X	1872	0	.07875	2023	1993
6	1996	DWOR	X	1351	0	.07125	2029 R	1994
6	1996	DWOR	X	964	0	.07125	2029 A	1994
6	1996	DWOR	X	57	0	.09250	2020	1995

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6	1996	DWOR	X	1202	1202	.06490	2045	1995
6	1996	DWOR	X	227	227	.06490	2030	1995
6	1996	GREE	X	14520	13547	.06320	2017	1967
6	1996	GREE	X	13828	13828	.06340	2018	1968
6	1996	GREE	X	45	45	.06340	2018 R	1969
6	1996	GREE	X	45	45	.06340	2018 R	1970
6	1996	GREE	X	45	45	.06340	2018 R	1971
6	1996	GREE	X	45	45	.06340	2018 R	1972
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6	1996	GREE	X	45	45	.06340	2018 R	1974
6	1996	GREE	X	45	45	.06340	2018 R	1975
6	1996	GREE	X	45	45	.06340	2018 R	1976
6	1996	GREE	X	45	45	.06340	2018 R	1977
6	1996	GREE	X	45	45	.06340	2018 R	1978
6	1996	GREE	X	45	45	.06340	2018 R	1979
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6	1996	GREE	X	45	45	.06340	2018 R	1981
6	1996	GREE	X	45	45	.06340	2018 R	1982
6	1996	GREE	X	45	45	.06340	2018 R	1983
6	1996	GREE	X	15	0	.10750	2018 R	1984
6	1996	GREE	X	19	19	.06340	2018	1985
6	1996	GREE	X	3	0	.11375	2018 R	1986
6	1996	GREE	X	3	3	.06340	2018	1986
6	1996	GREE	X	2	0	.08875	2018 R	1987
6	1996	GREE	X	2	2	.06340	2018	1987
6	1996	GREE	X	13	0	.08500	2018	1988
6	1996	GREE	X	24	0	.09250	2018 R	1989
6	1996	GREE	X	5	0	.08875	2018	1990
6	1996	GREE	X	48	0	.08750	2018	1991
6	1996	GREE	X	2	0	.08500	2018	1992
6	1996	GREE	X	41	0	.07875	2018	1993
6	1996	GREE	X	6	0	.07125	1999 A	1994
6	1996	GREE	X	4	0	.07125	2000	1995
6	1996	GREE	X	25	25	.06380	2020 R	1995
6	1996	GREE	X	11	11	.06380	2020	1995
6	1996	HILL	X	11393	10304	.06220	2012	1962
6	1996	HILL	X	14	14	.06220	2012 R	1963
6	1996	HILL	X	14	14	.06220	2012 R	1964
6	1996	HILL	X	14	14	.06220	2012 R	1965

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6	1996	HILL	X	14	14	.06220	2012 R	1966
6	1996	HILL	X	14	14	.06220	2012 R	1967
6	1996	HILL	X	14	14	.06220	2012 R	1968
6	1996	HILL	X	14	14	.06220	2012 R	1969
6	1996	HILL	X	14	14	.06220	2012 R	1970
6	1996	HILL	X	14	14	.06220	2012 R	1971
6	1996	HILL	X	14	14	.06220	2012 R	1972
6	1996	HILL	X	14	14	.06220	2012 R	1973
6	1996	HILL	X	14	14	.06220	2012 R	1974
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6	1996	HILL	X	14	14	.06220	2012 R	1976
6	1996	HILL	X	14	14	.06220	2012 R	1977
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6	1996	HILL	X	14	14	.06220	2012 R	1983
6	1996	HILL	X	52	0	.10750	2012 R	1984
6	1996	HILL	X	7	7	.06220	2012	1985
6	1996	HILL	X	3	0	.08875	2012 R	1987
6	1996	HILL	X	3	0	.08500	2012 R	1988
6	1996	HILL	X	3	0	.08875	2012	1990
6	1996	HILL	X	17	0	.08750	2012	1991
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6	1996	HILL	X	13	0	.07875	2012	1993
6	1996	HUNG	X	72029	17228	.05950	2003	1953
6	1996	HUNG	X	18	18	.05950	2003 R	1954
6	1996	HUNG	X	18	18	.05950	2003 R	1955
6	1996	HUNG	X	18	18	.05950	2003 R	1956
6	1996	HUNG	X	19	19	.05950	2003 R	1957
6	1996	HUNG	X	19	19	.05950	2003 R	1958
6	1996	HUNG	X	19	19	.05950	2003 R	1959
6	1996	HUNG	X	19	19	.05950	2003 R	1960
6	1996	HUNG	X	19	19	.05950	2003 R	1961
6	1996	HUNG	X	19	19	.05950	2003 R	1962
6	1996	HUNG	X	19	19	.05950	2003 R	1963
6	1996	HUNG	X	18	18	.05950	2003 R	1964
6	1996	HUNG	X	18	18	.05950	2003 R	1965

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6	1996	HUNG	X	18	18	.05950	2003	R	1966
6	1996	HUNG	X	19	19	.05950	2003	R	1967
6	1996	HUNG	X	19	19	.05950	2003	R	1968
6	1996	HUNG	X	19	19	.05950	2003	R	1969
6	1996	HUNG	X	19	19	.05950	2003	R	1970
6	1996	HUNG	X	19	19	.05950	2003	R	1971
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6	1996	HUNG	X	19	19	.05950	2003	R	1973
6	1996	HUNG	X	18	18	.05950	2003	R	1974
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6	1996	HUNG	X	19	19	.05950	2003	R	1977
6	1996	HUNG	X	19	19	.05950	2003	R	1978
6	1996	HUNG	X	19	19	.05950	2003	R	1979
6	1996	HUNG	X	19	19	.05950	2003	R	1980
6	1996	HUNG	X	19	19	.05950	2003	R	1981
6	1996	HUNG	X	13	13	.05950	2003	R	1983
6	1996	HUNG	X	32	0	.10750	2003	R	1984
6	1996	HUNG	X	36	0	.12375	2003	R	1985
6	1996	HUNG	X	101	0	.09250	2003	R	1989
6	1996	HUNG	X	58	0	.08875	2003	R	1990
6	1996	HUNG	X	19	0	.08750	2003	R	1991
6	1996	HUNG	X	4136	0	.07875	2003	R	1993
6	1996	HUNG	X	2	0	.07875	2003		1993
6	1996	HUNG	X	56	0	.07125	2019	R	1994
6	1996	HUNG	X	6433	6433	.06490	2045		1995
6	1996	HUNG	X	553	553	.06490	2030	R	1995
6	1996	HUNG	X	1275	1275	.06490	2030	R	1995
6	1996	HUNG	X	5	0	.08875	2000		1995
6	1996	HUNG	X	176	176	.06380	2020	R	1995
6	1996	HUNG	X	513	513	.06490	2030	R	1995
6	1996	HUNG	X	15102	0	.11375	2045		1995
6	1996	ICEH	X	64641	49280	.06220	2012		1962
6	1996	ICEH	X	51	51	.06220	2012	R	1963
6	1996	ICEH	X	51	51	.06220	2012	R	1964
6	1996	ICEH	X	52	52	.06220	2012	R	1965
6	1996	ICEH	X	51	51	.06220	2012	R	1966
6	1996	ICEH	X	51	51	.06220	2012	R	1967
6	1996	ICEH	X	52	52	.06220	2012	R	1968

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6	1996	ICEH X	51	51	.06220	2012 R	1969
6	1996	ICEH X	51	51	.06220	2012 R	1970
6	1996	ICEH X	52	52	.06220	2012 R	1971
6	1996	ICEH X	51	51	.06220	2012 R	1972
6	1996	ICEH X	51	51	.06220	2012 R	1973
6	1996	ICEH X	52	52	.06220	2012 R	1974
6	1996	ICEH X	51	51	.06220	2012 R	1975
6	1996	ICEH X	22486	22486	.06490	2026 A	1976
6	1996	ICEH X	51	51	.06220	2012 R	1976
6	1996	ICEH X	52	52	.06220	2012 R	1977
6	1996	ICEH X	51	51	.06220	2012 R	1978
6	1996	ICEH X	51	51	.06220	2012 R	1979
6	1996	ICEH X	52	52	.06220	2012 R	1980
6	1996	ICEH X	51	51	.06220	2012 R	1981
6	1996	ICEH X	51	51	.06220	2012 R	1982
6	1996	ICEH X	52	52	.06220	2012 R	1983
6	1996	ICEH X	23	23	.06490	2026 A	1985
6	1996	ICEH X	46	46	.06220	2012	1985
6	1996	ICEH X	152	152	.06220	2012	1986
6	1996	ICEH X	71	0	.08875	2012 R	1987
6	1996	ICEH X	4	4	.06220	2012	1987
6	1996	ICEH X	8	0	.08500	2012	1988
6	1996	ICEH X	57	0	.08500	2012 R	1988
6	1996	ICEH X	51	0	.09250	2012 R	1989
6	1996	ICEH X	427	0	.08875	2012 R	1990
6	1996	ICEH X	348	0	.08750	2012 R	1991
6	1996	ICEH X	177	0	.08500	2012	1992
6	1996	ICEH X	3192	0	.07875	2012 R	1993
6	1996	ICEH X	1645	0	.07875	2012	1993
6	1996	ICEH X	328	0	.07125	2029 R	1994
6	1996	ICEH X	520	0	.07125	2029 A	1994
6	1996	ICEH X	178	178	.06360	2019	1995
6	1996	ICEH X	87	87	.06360	2019	1995
6	1996	ICEH X	883	883	.06360	2019	1995
6	1996	ICEH X	2	0	.07250	2000	1995
6	1996	JOHN X	30187	24619	.06340	2018	1968
6	1996	JOHN X	108929	108929	.06360	2019	1969
6	1996	JOHN X	26724	26724	.06380	2020	1970
6	1996	JOHN X	39419	39419	.06390	2021	1971

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6	1996	JOHN X	12911	12911	.06410	2022	1972
6	1996	JOHN X	3677	0	.10750	2022 R	1984
6	1996	JOHN X	1209	0	.12375	2022 R	1985
6	1996	JOHN X	7285	7285	.06410	2022	1985
6	1996	JOHN X	713	0	.11375	2022 R	1986
6	1996	JOHN X	3622	3622	.06410	2022	1986
6	1996	JOHN X	4353	0	.08875	2022 R	1987
6	1996	JOHN X	792	792	.06410	2022	1987
6	1996	JOHN X	332	0	.08500	2022	1988
6	1996	JOHN X	199	0	.08500	2022 R	1988
6	1996	JOHN X	377	0	.09250	2022 R	1989
6	1996	JOHN X	34	34	.06410	2022	1989
6	1996	JOHN X	41	41	.06410	2022	1990
6	1996	JOHN X	543	0	.08875	2022 R	1990
6	1996	JOHN X	13218	0	.08750	2022 R	1991
6	1996	JOHN X	144	0	.08750	2022	1991
6	1996	JOHN X	21	21	.06410	2022	1992
6	1996	JOHN X	95	0	.08500	2022	1992
6	1996	JOHN X	7810	0	.07875	2022 R	1993
6	1996	JOHN X	9585	0	.07875	2022	1993
6	1996	JOHN X	14	0	.07125	2019 R	1994
6	1996	JOHN X	1252	0	.07125	2029 A	1994
6	1996	JOHN X	9	0	.07125	2000	1995
6	1996	JOHN X	2	0	.09250	2000	1995
6	1996	JOHN X	7943	7943	.06490	2045	1995
6	1996	JOHN X	82	82	.06380	2020	1995
6	1996	JOHN X	124	124	.06490	2035	1995
6	1996	JOHN X	631	631	.06490	2045 R	1995
6	1996	JOHN X	54	54	.06490	2035	1995
6	1996	JOHN X	23	23	.06490	2035 R	1995
6	1996	LIBB X	59608	53102	.06470	2025	1975
6	1996	LIBB X	168661	168661	.06490	2026	1976
6	1996	LIBB X	1610	1610	.06490	2026 R	1977
6	1996	LIBB X	1610	1610	.06490	2026 R	1978
6	1996	LIBB X	1610	1610	.06490	2026 R	1979
6	1996	LIBB X	1610	1610	.06490	2026 R	1980
6	1996	LIBB X	1610	1610	.06490	2026 R	1981
6	1996	LIBB X	1610	1610	.06490	2026 R	1982
6	1996	LIBB X	1610	1610	.06490	2026 R	1983

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6	1996	LIBB X	104	0	.10750	2026 R	1984	
6	1996	LIBB X	570	570	.06490	2026	1985	
6	1996	LIBB X	311	311	.06490	2026	1986	
6	1996	LIBB X	2	2	.06490	2026	1987	
6	1996	LIBB X	19842	19842	.06490	2038 A	1988	
6	1996	LIBB X	35	0	.08505	2026	1988	
6	1996	LIBB X	131	0	.09250	2026 R	1989	
6	1996	LIBB X	1	1	.06490	2026	1989	
6	1996	LIBB X	11	0	.08875	2026	1990	
6	1996	LIBB X	134	0	.08750	2026 R	1991	
6	1996	LIBB X	100	0	.08500	2026 R	1992	
6	1996	LIBB X	70	0	.08500	2026	1992	
6	1996	LIBB X	600	0	.07875	2026	1993	
6	1996	LIBB X	237	237	.06490	2029 R	1994	
6	1996	LIBB X	312	312	.06490	2029 A	1994	
6	1996	LIBB X	3959	3291	.06490	2030	1995	
6	1996	LIBB X	97	97	.06490	2030	1995	
6	1996	LIBB X	16	16	.06490	2030	1995	
6	1996	LIBB X	42	42	.06490	2030 R	1995	
6	1996	LITT X	25088	24063	.06380	2020	1970	
6	1996	LITT X	48422	48422	.06390	2021	1971	
6	1996	LITT X	32	32	.06390	2021 R	1972	
6	1996	LITT X	33	33	.06390	2021 R	1973	
6	1996	LITT X	32	32	.06390	2021 R	1974	
6	1996	LITT X	33	33	.06390	2021 R	1975	
6	1996	LITT X	32	32	.06390	2021 R	1976	
6	1996	LITT X	33	33	.06390	2021 R	1977	
6	1996	LITT X	54052	54052	.06490	2028 A	1978	
6	1996	LITT X	32	32	.06390	2021 R	1978	
6	1996	LITT X	33	33	.06390	2021 R	1979	
6	1996	LITT X	32	32	.06390	2021 R	1980	
6	1996	LITT X	33	33	.06390	2021 R	1981	
6	1996	LITT X	32	32	.06390	2021 R	1982	
6	1996	LITT X	33	33	.06390	2021 R	1983	
6	1996	LITT X	201	0	.10750	2021 R	1984	
6	1996	LITT X	51	51	.06490	2028 A	1985	
6	1996	LITT X	196	196	.06390	2021	1985	
6	1996	LITT X	270	270	.06390	2021	1986	
6	1996	LITT X	72	0	.08875	2021 R	1987	

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6	1996	LITT	X	6	6	.06390	2021	1987
6	1996	LITT	X	12	0	.08500	2021	1988
6	1996	LITT	X	68	0	.08500	2021 R	1988
6	1996	LITT	X	77	0	.09250	2021 R	1989
6	1996	LITT	X	408	0	.08875	2021 R	1990
6	1996	LITT	X	21	0	.08875	2021	1990
6	1996	LITT	X	266	0	.08750	2021 R	1991
6	1996	LITT	X	66	0	.08500	2021 R	1992
6	1996	LITT	X	27	0	.08500	2021	1992
6	1996	LITT	X	276	0	.07875	2021 R	1993
6	1996	LITT	X	3359	0	.07875	2021	1993
6	1996	LITT	X	37	0	.07125	2019 R	1994
6	1996	LITT	X	2044	0	.07125	2029 A	1994
6	1996	LITT	X	766	766	.06490	2040	1995
6	1996	LITT	X	17	17	.06490	2040	1995
6	1996	LITT	X	353	353	.06490	2040 R	1995
6	1996	LOOK	X	36138	30265	.06050	2005	1955
6	1996	LOOK	X	56	56	.06050	2005 R	1956
6	1996	LOOK	X	54	54	.06050	2005 R	1957
6	1996	LOOK	X	54	54	.06050	2005 R	1958
6	1996	LOOK	X	54	54	.06050	2005 R	1959
6	1996	LOOK	X	54	54	.06050	2005 R	1960
6	1996	LOOK	X	55	55	.06050	2005 R	1961
6	1996	LOOK	X	54	54	.06050	2005 R	1962
6	1996	LOOK	X	54	54	.06050	2005 R	1963
6	1996	LOOK	X	54	54	.06050	2005 R	1964
6	1996	LOOK	X	54	54	.06050	2005 R	1965
6	1996	LOOK	X	54	54	.06050	2005 R	1966
6	1996	LOOK	X	55	55	.06050	2005 R	1967
6	1996	LOOK	X	54	54	.06050	2005 R	1968
6	1996	LOOK	X	54	54	.06050	2005 R	1969
6	1996	LOOK	X	54	54	.06050	2005 R	1970
6	1996	LOOK	X	54	54	.06050	2005 R	1971
6	1996	LOOK	X	54	54	.06050	2005 R	1972
6	1996	LOOK	X	55	55	.06050	2005 R	1973
6	1996	LOOK	X	54	54	.06050	2005 R	1974
6	1996	LOOK	X	54	54	.06050	2005 R	1975
6	1996	LOOK	X	54	54	.06050	2005 R	1976
6	1996	LOOK	X	54	54	.06050	2005 R	1977

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6	1996	LOOK	X	54	54	.06050	2005	R	1978
6	1996	LOOK	X	55	55	.06050	2005	R	1979
6	1996	LOOK	X	54	54	.06050	2005	R	1980
6	1996	LOOK	X	54	54	.06050	2005	R	1981
6	1996	LOOK	X	54	54	.06050	2005	R	1982
6	1996	LOOK	X	54	54	.06050	2005	R	1983
6	1996	LOOK	X	185	0	.10750	2005	R	1984
6	1996	LOOK	X	56	56	.06050	2005		1985
6	1996	LOOK	X	45	45	.06050	2005		1986
6	1996	LOOK	X	12	0	.08875	2005	R	1987
6	1996	LOOK	X	9	9	.06050	2005		1987
6	1996	LOOK	X	46	0	.08500	2005		1988
6	1996	LOOK	X	17	0	.08500	2005	R	1988
6	1996	LOOK	X	23	0	.09250	2005	R	1989
6	1996	LOOK	X	147	0	.08875	2005	R	1990
6	1996	LOOK	X	4	0	.08875	2005		1990
6	1996	LOOK	X	6	0	.08750	2005	R	1991
6	1996	LOOK	X	50	0	.08750	2005		1991
6	1996	LOOK	X	181	0	.08500	2005	R	1992
6	1996	LOOK	X	4	0	.08500	2005		1992
6	1996	LOOK	X	18	0	.07875	2005	R	1993
6	1996	LOOK	X	189	0	.07875	2005		1993
6	1996	LOOK	X	73	0	.07125	2019	A	1994
6	1996	LOOK	X	180	180	.06490	2045		1995
6	1996	LOOK	X	146	146	.06490	2035		1995
6	1996	LOOK	X	17	17	.06490	2035		1995
6	1996	LOOK	X	10	10	.06490	2045		1995
6	1996	LOOK	X	87	87	.06490	2045	R	1995
6	1996	LOOK	X	36	36	.06490	2045		1995
6	1996	LOST	X	14847	14755	.06490	2027		1977
6	1996	LOST	X	64	64	.06490	2027	R	1978
6	1996	LOST	X	66	66	.06490	2027	R	1979
6	1996	LOST	X	66	66	.06490	2027	R	1980
6	1996	LOST	X	66	66	.06490	2027	R	1981
6	1996	LOST	X	66	66	.06490	2027	R	1982
6	1996	LOST	X	66	66	.06490	2027	R	1983
6	1996	LOST	X	243	0	.10750	2027	R	1984
6	1996	LOST	X	14	14	.06490	2027		1985
6	1996	LOST	X	5	0	.11375	2027	R	1986

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6	1996	LOST	X	7	7	.06490	2027	1986
6	1996	LOST	X	3	0	.08875	2027 R	1987
6	1996	LOST	X	5	5	.06490	2027	1987
6	1996	LOST	X	7	0	.08500	2027	1988
6	1996	LOST	X	9	0	.09250	2027 R	1989
6	1996	LOST	X	1	0	.08875	2027	1990
6	1996	LOST	X	31	0	.08750	2027	1991
6	1996	LOST	X	1	0	.08500	2027 R	1992
6	1996	LOST	X	1	0	.08500	2027	1992
6	1996	LOST	X	1	0	.07875	2027 R	1993
6	1996	LOST	X	14	0	.07875	2027	1993
6	1996	LOST	X	4	0	.07125	2000	1995
6	1996	LOST	X	97	97	.06490	2045 R	1995
6	1996	LOWG	X	131997	130405	.06470	2025	1975
6	1996	LOWG	X	565	565	.06470	2025 R	1976
6	1996	LOWG	X	565	565	.06470	2025 R	1977
6	1996	LOWG	X	44276	44276	.06490	2028 A	1978
6	1996	LOWG	X	565	565	.06470	2025 R	1978
6	1996	LOWG	X	566	566	.06470	2025 R	1979
6	1996	LOWG	X	565	565	.06470	2025 R	1980
6	1996	LOWG	X	565	565	.06470	2025 R	1981
6	1996	LOWG	X	566	566	.06470	2025 R	1982
6	1996	LOWG	X	565	565	.06470	2025 R	1983
6	1996	LOWG	X	311	0	.10750	2025 R	1984
6	1996	LOWG	X	364	364	.06470	2025	1985
6	1996	LOWG	X	4	0	.11375	2025 R	1986
6	1996	LOWG	X	238	238	.06470	2025	1986
6	1996	LOWG	X	60	0	.08875	2025 R	1987
6	1996	LOWG	X	9	9	.06470	2025	1987
6	1996	LOWG	X	22	0	.08500	2025	1988
6	1996	LOWG	X	95	0	.08500	2025 R	1988
6	1996	LOWG	X	112	0	.09250	2025 R	1989
6	1996	LOWG	X	392	0	.08875	2025 R	1990
6	1996	LOWG	X	281	0	.08750	2025 R	1991
6	1996	LOWG	X	6	0	.08750	2025	1991
6	1996	LOWG	X	83	0	.08500	2025 R	1992
6	1996	LOWG	X	121	0	.08500	2025	1992
6	1996	LOWG	X	26	0	.07875	2025 R	1993
6	1996	LOWG	X	3272	0	.07875	2025	1993

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6	1996	LOWG	X	38	0	.07125	2019	R	1994
6	1996	LOWG	X	3679	1687	.06490	2029	A	1994
6	1996	LOWG	X	79	79	.06320	2017		1995
6	1996	LOWG	X	475	475	.06320	2017		1995
6	1996	LOWG	X	404	404	.06320	2017		1995
6	1996	LOWM	X	30322	28431	.06360	2019		1969
6	1996	LOWM	X	57858	57858	.06380	2020		1970
6	1996	LOWM	X	242	242	.06380	2020	R	1971
6	1996	LOWM	X	242	242	.06380	2020	R	1972
6	1996	LOWM	X	242	242	.06380	2020	R	1973
6	1996	LOWM	X	242	242	.06380	2020	R	1974
6	1996	LOWM	X	242	242	.06380	2020	R	1975
6	1996	LOWM	X	242	242	.06380	2020	R	1976
6	1996	LOWM	X	242	242	.06380	2020	R	1977
6	1996	LOWM	X	242	242	.06380	2020	R	1978
6	1996	LOWM	X	44355	44355	.06490	2029	A	1979
6	1996	LOWM	X	242	242	.06380	2020	R	1979
6	1996	LOWM	X	242	242	.06380	2020	R	1980
6	1996	LOWM	X	242	242	.06380	2020	R	1981
6	1996	LOWM	X	242	242	.06380	2020	R	1982
6	1996	LOWM	X	242	242	.06380	2020	R	1983
6	1996	LOWM	X	279	279	.06490	2029	A	1985
6	1996	LOWM	X	9	9	.06380	2020		1985
6	1996	LOWM	X	149	149	.06380	2020		1986
6	1996	LOWM	X	50	0	.08875	2020	R	1987
6	1996	LOWM	X	4	4	.06380	2020		1987
6	1996	LOWM	X	1	0	.08500	2020		1988
6	1996	LOWM	X	58	0	.08500	2020	R	1988
6	1996	LOWM	X	93	0	.09250	2020	R	1989
6	1996	LOWM	X	358	0	.08875	2020	R	1990
6	1996	LOWM	X	594	0	.08750	2020		1991
6	1996	LOWM	X	4484	0	.08500	2020		1992
6	1996	LOWM	X	24	0	.07875	2020	R	1993
6	1996	LOWM	X	2175	0	.07875	2020		1993
6	1996	LOWM	X	107	0	.07125	2019	R	1994
6	1996	LOWM	X	2167	0	.07125	2029	A	1994
6	1996	LOWM	X	1162	1162	.06490	2045		1995
6	1996	LOWM	X	43	43	.06490	2045		1995
6	1996	LOWM	X	101	101	.06490	2045		1995

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6	1996	LOWM	X	6	0	.07250	2000	1995
6	1996	LOWM	X	625	625	.06490	2045	1995
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6	1996	LSFW	X	52317	52317	.06490	2035	1985
6	1996	LSFW	X	79262	79262	.06490	2037	1987
6	1996	LSFW	X	880	880	.06490	2038	1988
6	1996	LSFW	X	1703	1703	.06490	2040	1990
6	1996	LSFW	X	4827	4827	.06490	2041	1991
6	1996	LSFW	X	78440	78440	.06490	2043	1993
6	1996	LSFW	X	5059	5059	.06490	2044	1994
6	1996	MCNA	X	82403	37904	.06000	2004	1954
6	1996	MCNA	X	56972	56972	.06050	2005	1955
6	1996	MCNA	X	41438	41438	.06110	2006	1956
6	1996	MCNA	X	26886	26886	.06130	2007	1957
6	1996	MCNA	X	503	503	.06130	2007 R	1958
6	1996	MCNA	X	503	503	.06130	2007 R	1959
6	1996	MCNA	X	503	503	.06130	2007 R	1960
6	1996	MCNA	X	503	503	.06130	2007 R	1961
6	1996	MCNA	X	502	502	.06130	2007 R	1962
6	1996	MCNA	X	503	503	.06130	2007 R	1963
6	1996	MCNA	X	503	503	.06130	2007 R	1964
6	1996	MCNA	X	503	503	.06130	2007 R	1965
6	1996	MCNA	X	503	503	.06130	2007 R	1966
6	1996	MCNA	X	502	502	.06130	2007 R	1967
6	1996	MCNA	X	503	503	.06130	2007 R	1968
6	1996	MCNA	X	503	503	.06130	2007 R	1969
6	1996	MCNA	X	503	503	.06130	2007 R	1970
6	1996	MCNA	X	503	503	.06130	2007 R	1971
6	1996	MCNA	X	503	503	.06130	2007 R	1972
6	1996	MCNA	X	502	502	.06130	2007 R	1973
6	1996	MCNA	X	503	503	.06130	2007 R	1974
6	1996	MCNA	X	503	503	.06130	2007 R	1975
6	1996	MCNA	X	503	503	.06130	2007 R	1976
6	1996	MCNA	X	502	502	.06130	2007 R	1977
6	1996	MCNA	X	503	503	.06130	2007 R	1978
6	1996	MCNA	X	503	503	.06130	2007 R	1979
6	1996	MCNA	X	503	503	.06130	2007 R	1980
6	1996	MCNA	X	503	503	.06130	2007 R	1981
6	1996	MCNA	X	502	502	.06130	2007 R	1982

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6	1996	MCNA	X	503	503	.06130	2007	R	1983
6	1996	MCNA	X	599	599	.06130	2007		1985
6	1996	MCNA	X	489	489	.06130	2007		1986
6	1996	MCNA	X	35	0	.08875	2007	R	1987
6	1996	MCNA	X	26	26	.06130	2007		1987
6	1996	MCNA	X	20	0	.08500	2007		1988
6	1996	MCNA	X	50	0	.08500	2007	R	1988
6	1996	MCNA	X	130	0	.09250	2007	R	1989
6	1996	MCNA	X	2228	0	.08875	2007	R	1990
6	1996	MCNA	X	14	0	.08875	2007		1990
6	1996	MCNA	X	66	0	.08750	2007	R	1991
6	1996	MCNA	X	76	0	.08750	2007		1991
6	1996	MCNA	X	222	0	.08500	2007	R	1992
6	1996	MCNA	X	125	0	.08500	2007		1992
6	1996	MCNA	X	34	0	.07875	2007	R	1993
6	1996	MCNA	X	1462	0	.07875	2007		1993
6	1996	MCNA	X	1521	0	.07125	2029	A	1994
6	1996	MCNA	X	68	0	.07125	2019	R	1994
6	1996	MCNA	X	16	16	.06490	2045		1995
6	1996	MCNA	X	542	542	.06490	2045		1995
6	1996	MINI	X	854	0	.03000	1959		1909
6	1996	MINI	X	1709	0	.03000	1960		1910
6	1996	MINI	X	1709	0	.03000	1961		1911
6	1996	MINI	X	854	0	.03000	1977		1927
6	1996	MINI	X	854	0	.03000	1992		1942
6	1996	MINI	X	2561	0	.03000	2007		1957
6	1996	MINI	X	854	0	.03000	2008		1958
6	1996	MINI	X	108	0	.03000	2008	R	1959
6	1996	MINI	X	108	0	.03000	2008	R	1960
6	1996	MINI	X	108	0	.03000	2008	R	1961
6	1996	MINI	X	108	0	.03000	2008	R	1962
6	1996	MINI	X	108	0	.03000	2008	R	1963
6	1996	MINI	X	108	0	.03000	2008	R	1964
6	1996	MINI	X	108	0	.03000	2008	R	1965
6	1996	MINI	X	108	0	.03000	2008	R	1966
6	1996	MINI	X	108	0	.03000	2008	R	1967
6	1996	MINI	X	108	0	.03000	2008	R	1968
6	1996	MINI	X	3	0	.03000	2008	R	1969
6	1996	MINI	X	108	0	.03000	2008	R	1970

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6	1996	MINI X	108	0	.03000	2008 R	1971
6	1996	MINI X	108	0	.03000	2008 R	1972
6	1996	MINI X	108	0	.03000	2008 R	1973
6	1996	MINI X	108	0	.03000	2008 R	1974
6	1996	MINI X	108	0	.03000	2008 R	1975
6	1996	MINI X	108	0	.03000	2008 R	1976
6	1996	MINI X	88	61	.06150	2008 R	1977
6	1996	MINI X	81	81	.06150	2008 R	1978
6	1996	MINI X	81	81	.06150	2008 R	1979
6	1996	MINI X	81	81	.06150	2008 R	1980
6	1996	MINI X	81	81	.06150	2008 R	1981
6	1996	MINI X	81	81	.06150	2008 R	1982
6	1996	MINI X	71	71	.06150	2008 R	1983
6	1996	MINI X	44	0	.10750	2008 R	1984
6	1996	MINI X	23	23	.06150	2008	1985
6	1996	MINI X	48	0	.11375	2008 R	1986
6	1996	MINI X	23	23	.06150	2008	1986
6	1996	MINI X	17	17	.06150	2008	1987
6	1996	MINI X	31	0	.08500	2008	1988
6	1996	MINI X	20	0	.09250	2008 R	1989
6	1996	MINI X	33	0	.08875	2008 R	1990
6	1996	MINI X	62	0	.08750	2008 R	1991
6	1996	MINI X	11	0	.08750	2008	1991
6	1996	MINI X	32	0	.08750	2008 R	1991
6	1996	MINI X	6	0	.08500	2008 R	1992
6	1996	MINI X	351	0	.07125	2029	1994
6	1996	MINI X	85	85	.06180	2010	1995
6	1996	MINI X	4	0	.08500	2000 R	1995
6	1996	THED X	15908	0	.02500	2007	1957
6	1996	THED X	48678	36829	.06150	2008	1958
6	1996	THED X	48820	48820	.05160	2009	1959
6	1996	THED X	43044	43044	.06180	2010	1960
6	1996	THED X	10499	10499	.06200	2011	1961
6	1996	THED X	62	62	.06200	2011 R	1962
6	1996	THED X	63	63	.06200	2011 R	1963
6	1996	THED X	63	63	.06200	2011 R	1964
6	1996	THED X	62	62	.06200	2011 R	1965
6	1996	THED X	63	63	.06200	2011 R	1966
6	1996	THED X	63	63	.06200	2011 R	1967

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6	1996	THED X	62	62	.06200	2011 R	1968
6	1996	THED X	63	63	.06200	2011 R	1969
6	1996	THED X	63	63	.06200	2011 R	1970
6	1996	THED X	62	62	.06200	2011 R	1971
6	1996	THED X	63	63	.06200	2011 R	1972
6	1996	THED X	24441	24441	.06430	2023 A	1973
6	1996	THED X	63	63	.06200	2011 R	1973
6	1996	THED X	8044	8044	.06450	2024 A	1974
6	1996	THED X	62	62	.06200	2011 R	1974
6	1996	THED X	63	63	.06200	2011 R	1975
6	1996	THED X	63	63	.06200	2011 R	1976
6	1996	THED X	62	62	.06200	2011 R	1977
6	1996	THED X	63	63	.06200	2011 R	1978
6	1996	THED X	63	63	.06200	2011 R	1979
6	1996	THED X	62	62	.06200	2011 R	1980
6	1996	THED X	63	63	.06200	2011 R	1981
6	1996	THED X	63	63	.06200	2011 R	1982
6	1996	THED X	62	62	.06200	2011 R	1983
6	1996	THED X	961	0	.10750	2011 R	1984
6	1996	THED X	280	0	.12375	2011 R	1985
6	1996	THED X	106	106	.06200	2011	1985
6	1996	THED X	4	0	.11375	2011 R	1986
6	1996	THED X	105	105	.06200	2011	1986
6	1996	THED X	81	0	.08875	2011 R	1987
6	1996	THED X	1567	1567	.06200	2011	1987
6	1996	THED X	685	0	.08500	2011	1988
6	1996	THED X	1	0	.08500	2011 R	1988
6	1996	THED X	898	0	.09250	2011 R	1989
6	1996	THED X	319	0	.08875	2011 R	1990
6	1996	THED X	745	0	.08875	2011	1990
6	1996	THED X	89	0	.08750	2011 R	1991
6	1996	THED X	2452	0	.08750	2011	1991
6	1996	THED X	57	0	.08500	2011 R	1992
6	1996	THED X	130	0	.08500	2011	1992
6	1996	THED X	2028	0	.07875	2011 R	1993
6	1996	THED X	2929	0	.07875	2011	1993
6	1996	THED X	1425	0	.07125	2029 A	1994
6	1996	THED X	12	12	.06180	2010	1995
6	1996	YAKC X	1671	796	.06410	2022	1956

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6	1996	YAKC	X	2	2	.06410	2022 R 1959
6	1996	YAKC	X	1	1	.06410	2022 R 1960
6	1996	YAKC	X	1	1	.06410	2022 R 1961
6	1996	YAKC	X	1	1	.06410	2022 R 1962
6	1996	YAKC	X	1	1	.06410	2022 R 1963
6	1996	YAKC	X	1	1	.06410	2022 R 1964
6	1996	YAKC	X	1	1	.06410	2022 R 1965
6	1996	YAKC	X	1	1	.06410	2022 R 1966
6	1996	YAKC	X	0	0	.02500	2022 R 1967
6	1996	YAKC	X	0	0	.02500	2022 R 1968
6	1996	YAKC	X	0	0	.02500	2022 R 1969
6	1996	YAKC	X	0	0	.02500	2022 R 1970
6	1996	YAKC	X	0	0	.02500	2022 R 1971
6	1996	YAKC	X	0	0	.02500	2022 R 1972
6	1996	YAKC	X	0	0	.02500	2022 R 1973
6	1996	YAKC	X	0	0	.02500	2022 R 1974
6	1996	YAKC	X	35	0	.10750	2022 R 1984
6	1996	YAKC	X	357	0	.12375	2022 R 1985
6	1996	YAKC	X	7	0	.11375	2022 R 1986
6	1996	YAKC	X	516	506	.06410	2022 1986
6	1996	YAKC	X	126	0	.08875	2022 R 1987
6	1996	YAKC	X	18	0	.09250	2022 R 1989
6	1996	YAKC	X	40	0	.08875	2022 R 1990
6	1996	YAKC	X	109	0	.08750	2022 1991
6	1996	YAKR	X	1005	577	.06150	2008 1958
6	1996	YAKR	X	0	0	.03000	2008 R 1959
6	1996	YAKR	X	0	0	.03000	2008 R 1960
6	1996	YAKR	X	0	0	.03000	2008 R 1961
6	1996	YAKR	X	0	0	.03000	2008 R 1962
6	1996	YAKR	X	0	0	.03000	2008 R 1963
6	1996	YAKR	X	0	0	.03000	2008 R 1964
6	1996	YAKR	X	0	0	.03000	2008 R 1965
6	1996	YAKR	X	0	0	.03000	2008 R 1966
6	1996	YAKR	X	0	0	.03000	2008 R 1967
6	1996	YAKR	X	0	0	.03000	2008 R 1968
6	1996	YAKR	X	0	0	.03000	2008 R 1969
6	1996	YAKR	X	0	0	.03000	2008 R 1970
6	1996	YAKR	X	0	0	.03000	2008 R 1971
6	1996	YAKR	X	0	0	.03000	2008 R 1972

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6	1996	YAKR	X	0	0	.03000	2008	R	1973		
6	1996	YAKR	X	0	0	.03000	2008	R	1974		
6	1996	YAKR	X	0	0	.03000	2008	R	1975		
6	1996	YAKR	X	0	0	.03000	2008	R	1976		
6	1996	YAKR	X	0	0	.03000	2008	R	1977		
6	1996	YAKR	X	0	0	.03000	2008	R	1978		
6	1996	YAKR	X	0	0	.03000	2008	R	1979		
6	1996	YAKR	X	0	0	.03000	2008	R	1980		
6	1996	YAKR	X	0	0	.03000	2008	R	1981		
6	1996	YAKR	X	0	0	.03000	2008	R	1982		
6	1996	YAKR	X	0	0	.03000	2008	R	1983		
6	1996	YAKR	X	17	0	.10750	2008	R	1984		
6	1996	YAKR	X	5	0	.12375	2008	R	1985		
6	1996	YAKR	X	80	80	.06150	2008		1985		
6	1996	YAKR	X	7	7	.06150	2008		1986		
6	1996	YAKR	X	9	0	.08875	2008	R	1987		
6	1996	YAKR	X	2	2	.06150	2008		1987		
6	1996	YAKR	X	11	0	.08500	2008		1988		
6	1996	YAKR	X	17	0	.09250	2008	R	1989		
6	1996	YAKR	X	76	0	.08750	2008	R	1991		
6	1996	YAKR	X	0	0	.08500	2008	R	1992		
6	1996	ALBE	X	781	781	.06490	2046		1996		
6	1996	BOIS	X	1	1	.05810	2001		1996		
6	1996	BOIS	X	13	13	.06200	2011		1996		
6	1996	BOIS	X	88	88	.06390	2021	R	1996		
6	1996	BOIS	X	238	238	.06490	2031		1996		
6	1996	BOIS	X	1258	1258	.06490	2046	R	1996		
6	1996	BOIS	X	480	480	.06490	2046		1996		
6	1996	BOIS	X	714	714	.06490	2046		1996		
6	1996	BONN	X	43359	43359	.06490	2046		1996		
6	1996	BONN	X	2144	2144	.06490	2046		1996		
6	1996	BONN	X	2144	2144	.06490	2046	R	1996		
6	1996	BONN	X	2241	2241	.06490	2046		1996		
6	1996	CHIE	X	526	526	.06490	2046		1996		
6	1996	CHIE	X	647	647	.06490	2046		1996		
6	1996	COLU	X	368	368	.06490	2046		1996		
6	1996	COLU	X	251	251	.06490	2046		1996		
6	1996	COLU	X	1188	1188	.06490	2046	R	1996		
6	1996	COLU	X	47	47	.06200	2011		1996		

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6	1996	COLU X	435	435	.06490	2046	1996	
6	1996	COLU X	5428	5428	.06490	2046 R	1996	
6	1996	COLU X	118	118	.06490	2031 R	1996	
6	1996	COLU X	1733	1733	.06490	2046	1996	
6	1996	CRFB X	55608	55608	.06490	2046	1996	
6	1996	DWOR X	535	535	.06490	2046	1996	
6	1996	DWOR X	1065	1065	.06490	2046	1996	
6	1996	GREE X	8	8	.05810	2001	1996	
6	1996	HILL X	137	137	.06490	2031	1996	
6	1996	HUNG X	64	64	.06200	2011	1996	
6	1996	HUNG X	140	140	.06390	2021 R	1996	
6	1996	HUNG X	65	65	.06200	2011 R	1996	
6	1996	HUNG X	1758	1758	.06490	2046	1996	
6	1996	ICEH X	356	356	.06490	2036	1996	
6	1996	ICEH X	189	189	.06490	2036	1996	
6	1996	JOHN X	11249	11249	.06490	2046	1996	
6	1996	JOHN X	3148	3148	.06490	2046	1996	
6	1996	LIBB X	2050	2050	.06490	2046	1996	
6	1996	LIBB X	531	531	.06490	2046	1996	
6	1996	LITT X	4463	4463	.06490	2046	1996	
6	1996	LOOK X	2560	2560	.06490	2046	1996	
6	1996	LOOK X	1140	1140	.06490	2046	1996	
6	1996	LOWG X	330	330	.06490	2031	1996	
6	1996	LOWG X	3956	3956	.06490	2046	1996	
6	1996	LOWM X	894	894	.06490	2046	1996	
6	1996	LSFW X	8555	8555	.06490	2046	1996	
6	1996	MCNA X	1475	1475	.06490	2046	1996	
6	1996	MINI X	146	146	.06390	2021 R	1996	
6	1996	MINI X	10	10	.05810	2001	1996	
6	1996	MINI X	2255	2255	.06490	2046	1996	
6	1996	THED X	15810	15810	.06490	2046	1996	
6	1996	THED X	2780	2780	.06490	2046	1996	
6	1996	YAKR X	341	341	.06390	2021 R	1996	
			4173843	3366429				

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6	1995	ZABF	X	3389	0	.08950	2013	1978	09
6	1995	ZABF	X	4619	0	.08950	2013 R	1978	09
6	1995	ZABF	X	1371	0	.09450	2014	1979	06
6	1995	ZABF	X	1870	0	.09450	2014 R	1979	06
6	1995	ZABF	X	150	0	.09450	2014	1979	06
6	1995	ZABF	X	102	0	.09450	2014 R	1979	06
6	1995	ZABF	X	98	0	.09900	2014	1979	09
6	1995	ZABF	X	66	0	.09900	2014 R	1979	09
6	1995	ZABF	X	605	0	.09900	2014	1979	09
6	1995	ZABF	X	165	0	.09900	2014 R	1979	09
6	1995	ZABF	X	2263	0	.13000	2015	1980	09
6	1995	ZABF	X	616	0	.13000	2015 R	1980	09
6	1995	ZABF	X	1707	0	.13000	2015	1980	09
6	1995	ZABF	X	56	0	.13000	2015 R	1980	09
6	1995	ZABF	X	21	0	.13000	2015	1980	09
6	1995	ZABF	X	10	0	.13000	2015 R	1980	09
6	1995	ZABF	X	277	0	.16600	2016	1981	09
6	1995	ZABF	X	127	0	.16600	2016 R	1981	09
6	1995	ZABF	X	80	0	.14400	2017	1982	12
6	1995	ZABF	X	36	0	.14400	2017 R	1982	12
6	1995	ZABF	X	23	0	.14400	2017	1982	04
6	1995	ZABF	X	11	0	.14400	2017 R	1982	04
6	1995	ZABF	X	551	0	.14400	2017	1982	04
6	1995	ZABF	X	439	0	.14400	2017 R	1982	04
6	1995	ZABF	X	43	0	.14150	2017	1982	07
6	1995	ZABF	X	-43	0	.14150	2017	1987	07
6	1995	ZABF	X	34	0	.14150	2017 R	1982	07
6	1995	ZABF	X	-34	0	.14150	2017 R	1987	07
6	1995	ZABF	X	402	0	.14150	2017	1982	07
6	1995	ZABF	X	-402	0	.14150	2017	1987	07
6	1995	ZABF	X	105	0	.14150	2017 R	1982	07
6	1995	ZABF	X	-105	0	.14150	2017 R	1987	07
6	1995	ZABF	X	205	0	.10850	2018	1983	11
6	1995	ZABF	X	-205	0	.10850	2018	1988	02
6	1995	ZABF	X	54	0	.10850	2018 R	1983	11
6	1995	ZABF	X	-54	0	.10850	2018 R	1988	02
6	1995	ZABF	X	154	0	.11700	2018	1983	06
6	1995	ZABF	X	40	0	.11700	2018 R	1983	06
6	1995	ZABF	X	4	0	.12250	2018	1983	09

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6	1995	ZABF	X	1	0	.12250	2018	R	1983	09	
6	1995	ZABF	X	203	0	.12250	2018		1983	09	
6	1995	ZABF	X	35	0	.12250	2018	R	1983	09	
6	1995	ZABF	X	138	0	.12300	2019		1984	11	
6	1995	ZABF	X	24	0	.12300	2019	R	1984	11	
6	1995	ZABF	X	276	0	.13050	2019		1984	09	
6	1995	ZABF	X	48	0	.13050	2019	R	1984	09	
6	1995	ZABF	X	460	0	.11250	2029		1985	06	
6	1995	ZABF	X	80	0	.11250	2029	R	1985	06	
6	1995	ZABF	X	5	0	.08150	1996		1986	03	T
6	1995	ZABF	X	1	0	.08150	1996	R	1986	03	T
6	1995	ZABF	X	443	0	.08150	1996		1986	03	T
6	1995	ZABF	X	169	0	.08150	1996	R	1986	03	T
6	1995	ZABF	X	76	0	.08950	2030		1986	06	
6	1995	ZABF	X	29	0	.08950	2030	R	1986	06	
6	1995	ZABF	X	1819	0	.08950	2030		1986	06	
6	1995	ZABF	X	722	0	.08950	2030	R	1986	06	
6	1995	ZABF	X	111	0	.09300	2031		1987	04	
6	1995	ZABF	X	-111	0	.09300	2031		1992	04	
6	1995	ZABF	X	281	0	.09300	2031		1987	04	
6	1995	ZABF	X	-281	0	.09300	2031		1992	04	
6	1995	ZABF	X	554	0	.09300	2031		1987	04	
6	1995	ZABF	X	-554	0	.09300	2031		1992	04	
6	1995	ZABF	X	1409	0	.09300	2031		1987	04	
6	1995	ZABF	X	-1409	0	.09300	2031		1992	04	
6	1995	ZABF	X	2498	0	.08350	1992		1987	06	T
6	1995	ZABF	X	983	0	.08350	1992	R	1987	06	T
6	1995	ZABF	X	48	0	.09550	2017		1987	07	
6	1995	ZABF	X	38	0	.09550	2017	R	1987	07	
6	1995	ZABF	X	569	0	.09550	2017		1987	07	
6	1995	ZABF	X	285	0	.09550	2032		1987	07	
6	1995	ZABF	X	112	0	.09550	2032	R	1987	07	
6	1995	ZABF	X	631	0	.09550	2032		1987	07	
6	1995	ZABF	X	618	0	.09550	2032	R	1987	07	
6	1995	ZABF	X	283	0	.09500	2018		1988	02	
6	1995	ZABF	X	954	0	.09500	2033		1988	02	
6	1995	ZABF	X	-954	0	.09500	2033		1994	05	
6	1995	ZABF	X	933	0	.09500	2033	R	1988	02	
6	1995	ZABF	X	-933	0	.09500	2033	R	1994	05	

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6	1995	ZABF	X	518	0	.09500	2033	1988	02	
6	1995	ZABF	X	-518	0	.09500	2033	1994	05	
6	1995	ZABF	X	1725	0	.09500	2033 R	1988	02	
6	1995	ZABF	X	-1725	0	.09500	2033 R	1994	05	
6	1995	ZABF	X	226	0	.09900	2033	1988	06	
6	1995	ZABF	X	752	0	.09900	2033 R	1988	06	
6	1995	ZABF	X	424	424	.08950	1999	1989	05	T
6	1995	ZABF	X	1410	1410	.08950	1999 R	1989	05	T
6	1995	ZABF	X	29	29	.09250	2030	1990	01	10
6	1995	ZABF	X	96	96	.09250	2030 R	1990	01	10
6	1995	ZABF	X	3008	3008	.09250	2030	1990	01	10
6	1995	ZABF	X	5855	0	.07550	1995	1991	02	T
6	1995	ZABF	X	2479	2479	.08800	2032	1992	04	
6	1995	ZABF	X	11016	11016	.08350	2033	1993	10	
6	1995	ZABF	X	14278	14278	.06850	2034	1994	10	
6	1995	ZABF	X	4456	0	.07100	1998	1994	05	01 P
6	1995	ZABF	X	8509	8509	.07700	2025	1995	07	05
6	1995	ZACO	X	140000	0	.12200	2003	1983	09	
6	1995	ZACO	X	150000	0	.13050	2004	1984	09	
6	1995	ZACO	X	-120000	0	.13050	2004	1989	09	
6	1995	ZACO	X	50000	0	.10150	1990	1985	09	T
6	1995	ZACO	X	50000	0	.08150	1996	1986	03	T
6	1995	ZACO	X	50000	0	.07800	1991	1986	03	T
6	1995	ZACO	X	75000	0	.09300	2007	1987	04	
6	1995	ZACO	X	-75000	0	.09300	2007	1992	04	
6	1995	ZACO	X	50000	0	.08350	1992	1987	06	T
6	1995	ZACO	X	90000	0	.09900	2008	1988	04	
6	1995	ZACO	X	40000	40000	.08550	2009	1989	07	T
6	1995	ZACO	X	66000	0	.08600	1995	1989	09	T
6	1995	ZACO	X	66000	66000	.08650	2002	1989	09	T
6	1995	ZACO	X	100000	100000	.07140	2007	1992	07	
6	1995	ZACO	X	80200	80200	.05800	1997	1992	07	T
6	1995	ZACO	X	50000	50000	.08050	2013	1993	10	
6	1995	ZACO	X	50000	50000	.07400	2013	1993	02	
6	1995	ZACO	X	40000	40000	.06750	2013	1993	08	
6	1995	ZACO	X	50000	50000	.06750	2014	1994	01	
6	1995	ZACO	X	50000	32699	.07100	1998	1994	05	01 P
6	1995	ZACO	X	85000	85000	.07500	2015	1995	05	05
6	1995	ZADB	X	35000	35000	.07500	2015	1995	05	05

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6	1995	ZAFW	X	25000	25000	.08950	1999	1989	05	T	
6	1995	ZAFW	X	50000		.07950	1996	1991	05	T	
6	1995	ZAFW	X	20000	20000	.06950	2008	1993	02		
6	1995	ZAFW	X	20000	0	.07650	1999	1994	09	01	P
6	1995	ZAFW	X	22900	22900	.07200	2010	1995	08	05	
				1392082	738048						

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6	1995	ZIRR	X	25143	25143	.00000	1997	1994		
6	1995	ZIRR	X	10103	10103	.00000	2001	1994		
6	1995	ZIRR	X	200	200	.00000	2004	1994		
6	1995	ZIRR	X	208	208	.00000	2004	1994		
6	1995	ZIRR	X	346	346	.00000	2004	1994		
6	1995	ZIRR	X	2950	2950	.00000	2008	1994		
6	1995	ZIRR	X	5602	5602	.00000	2009	1994		
6	1995	ZIRR	X	1996	1996	.00000	2009	1994		
6	1995	ZIRR	X	806	806	.00000	2012	1994		
6	1995	ZIRR	X	45073	45073	.00000	2013	1994		
6	1995	ZIRR	X	46353	46353	.00000	2014	1994		
6	1995	ZIRR	X	52846	52846	.00000	2015	1994		
6	1995	ZIRR	X	62214	62214	.00000	2016	1994		
6	1995	ZIRR	X	61953	61953	.00000	2017	1994		
6	1995	ZIRR	X	1071	1071	.00000	2017	1994		
6	1995	ZIRR	X	789	789	.00000	2017	1994		
6	1995	ZIRR	X	22576	22576	.00000	2018	1994		
6	1995	ZIRR	X	680	680	.00000	2018	1994		
6	1995	ZIRR	X	563	563	.00000	2018	1994		
6	1995	ZIRR	X	61026	61026	.00000	2019	1994		
6	1995	ZIRR	X	1125	1125	.00000	2019	1994		
6	1995	ZIRR	X	2081	2081	.00000	2019	1994		
6	1995	ZIRR	X	2081	2081	.00000	2019	1994		
6	1995	ZIRR	X	413	413	.00000	2019	1994		
6	1995	ZIRR	X	31524	31524	.00000	2020	1994		
6	1995	ZIRR	X	2076	2076	.00000	2020	1994		
6	1995	ZIRR	X	16165	16165	.00000	2021	1994		
6	1995	ZIRR	X	1527	1527	.00000	2021	1994		

							Prtg.txt	
6	1995	ZIRR	X	15610	15610	.00000	2022	1994
6	1995	ZIRR	X	457	457	.00000	2022	1994
6	1995	ZIRR	X	9673	9673	.00000	2023	1994
6	1995	ZIRR	X	14647	14647	.00000	2024	1994
6	1995	ZIRR	X	1943	1943	.00000	2024	1994
6	1995	ZIRR	X	3794	3794	.00000	2024	1994
6	1995	ZIRR	X	17294	17294	.00000	2025	1994
6	1995	ZIRR	X	1202	1202	.00000	2025	1994
6	1995	ZIRR	X	3810	3810	.00000	2026	1994
6	1995	ZIRR	X	11907	11907	.00000	2026	1994
6	1995	ZIRR	X	953	953	.00000	2026	1994
6	1995	ZIRR	X	2326	2326	.00000	2026	1994
6	1995	ZIRR	X	8592	8592	.00000	2027	1994
6	1995	ZIRR	X	14857	14857	.00000	2028	1994
6	1995	ZIRR	X	4200	4200	.00000	2028	1994
6	1995	ZIRR	X	4092	4092	.00000	2029	1994
6	1995	ZIRR	X	2437	2437	.00000	2030	1994
6	1995	ZIRR	X	15912	15912	.00000	2031	1994
6	1995	ZIRR	X	15215	15215	.00000	2035	1994
6	1995	ZIRR	X	3660	3660	.00000	2036	1994
6	1995	ZIRR	X	15186	15186	.00000	2036	1994
6	1995	ZIRR	X	10047	10047	.00000	2036	1994
6	1995	ZIRR	X	4805	4805	.00000	2037	1994
6	1995	ZIRR	X	22983	22983	.00000	2037	1994
6	1995	ZIRR	X	15560	15560	.00000	2039	1994
6	1995	ZIRR	X	72652	72652	.00000	2042	1994
6	1995	ZIRR	X	27458	27458	.00000	2045	1995
				780762	780762			

= TOTAL FOR 6

.00000 109671
111197

0

PROJECTED FEDERAL INVESTMENTS

PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	INTEREST RATE	DUE DATE	INSERVICE DATE	CALENDAR MONTH
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				Prtg.txt			
6	1997	ALBE X	341	341	.06490	2047	1997
6	1997	BOIS X	89	89	.06200	2012	1997
6	1997	BOIS X	129	129	.06490	2047 R	1997
6	1997	BONN X	12429	12429	.06490	2047	1997
6	1997	BONN X	802	802	.06490	2047	1997
6	1997	BONN X	802	802	.06490	2047 R	1997
6	1997	CHIE X	361	361	.06490	2032	1997
6	1997	COLU X	416	416	.06490	2032 R	1997
6	1997	COLU X	4915	4915	.06490	2047	1997
6	1997	CRFB X	73757	73757	.06490	2047	1997
6	1997	DWOR X	128	128	.06490	2032	1997
6	1997	GREE X	75	75	.06200	2012	1997
6	1997	HUNG X	6	6	.05810	2002	1997
6	1997	HUNG X	462	462	.06490	2047 R	1997
6	1997	ICEH X	1335	1335	.06490	2047	1997
6	1997	JOHN X	162	162	.06390	2022	1997
6	1997	LIBB X	1335	1335	.06490	2047	1997
6	1997	LOWM X	188	188	.06490	2032	1997
6	1997	LSFW X	3901	3901	.06490	2047	1997
6	1997	MINI X	188	188	.06490	2032	1997
6	1997	MINI X	46867	46867	.06490	2047	1997
6	1997	THED X	513	513	.06490	2032	1997
			149201	149201			

= TOTAL FOR 6

14.14200 43934
44804

0

6	1996	ZABF X	15798	15798	.07240	2041	1996	03
6	1996	ZAFW X	24000	24000	.06950	2011	1996	03
6	1996	ZACO X	99700	99700	.07050	2016	1996	03
6	1996	ZADB X	39700	39700	.07240	2041	1996	03
6	1997	ZABF X	12670	12670	.06930	2042	1997	03
6	1997	ZAFW X	27000	27000	.06600	2012	1997	03
6	1997	ZACO X	56900	56900	.06710	2017	1997	03
6	1997	ZADB X	17300	17300	.06930	2042	1997	03
			293068	293068				

= TOTAL FOR 6

5.56500 15972

0

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CORPS-BUREAU REPLACEMENTS

INSERVICE DATE	PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	DATE DUE	INTEREST RATE
6 2000	ALBE X	48	48	2015 R	.06203
6 2003	ALBE X	109	109	2015 R	.06146
6 2005	ALBE X	1005	1005	2015 R	.06108
6 2005	ALBE X	1989	1989	2055 R	.06490
6 2005	ALBE X	2120	2120	2030 R	.06394
6 2015	ALBE X	1005	1005	2025 R	.06108
6 2015	ALBE X	109	109	2027 R	.06146
6 2015	ALBE X	779	779	2035 R	.06299
6 2015	ALBE X	48	48	2030 R	.06203
6 2025	ALBE X	7144	7144	2060 R	.06490
6 2025	ALBE X	1005	1005	2035 R	.06108
6 2027	ALBE X	109	109	2039 R	.06146
6 2030	ALBE X	48	48	2045 R	.06203
6 2030	ALBE X	2120	2120	2055 R	.06394
6 2035	ALBE X	779	779	2055 R	.06299
6 2035	ALBE X	535	535	2075 R	.06490
6 2035	ALBE X	1005	1005	2045 R	.06108
6 2039	ALBE X	109	109	2051 R	.06146
6 2045	ALBE X	1005	1005	2055 R	.06108
6 2045	ALBE X	48	48	2060 R	.06203
6 2002	BOIS X	2217	2217	2027 R	.06394
6 2002	BOIS X	11	11	2017 R	.06203
6 2007	BOIS X	122	122	2027 R	.06299
6 2007	BOIS X	688	688	2047 R	.06490
6 2017	BOIS X	11	11	2032 R	.06203
6 2017	BOIS X	57	57	2047 R	.06490
6 2017	BOIS X	656	656	2062 R	.06490
6 2027	BOIS X	122	122	2047 R	.06299
6 2027	BOIS X	2217	2217	2052 R	.06394

						Prtg.txt
6	2027	BOIS X	7420	7420	2077 R	.06490
6	2032	BOIS X	11	11	2047 R	.06203
6	2032	BOIS X	833	833	2067 R	.06490
6	2047	BOIS X	11	11	2062 R	.06203
6	2047	BOIS X	122	122	2067 R	.06299
6	2047	BOIS X	688	688	2087 R	.06490
6	2047	BOIS X	57	57	2077 R	.06490
6	2001	BONN X	545	545	2021 R	.06299
6	2001	BONN X	2261	2261	2016 R	.06203
6	2001	BONN X	128	128	2013 R	.06146
6	2001	BONN X	98	98	2011 R	.06108
6	2001	BONN X	73	73	2006 R	.05805
6	2002	BONN X	12	12	2027 R	.06394
6	2004	BONN X	5	5	2011 R	.05945
6	2006	BONN X	73	73	2011 R	.05805
6	2007	BONN X	3762	3762	2032 R	.06394
6	2011	BONN X	98	98	2021 R	.06108
6	2011	BONN X	5	5	2018 R	.05945
6	2011	BONN X	73	73	2016 R	.05805
6	2011	BONN X	64487	64487	2046 R	.06490
6	2012	BONN X	46	46	2047 R	.06490
6	2012	BONN X	980	980	2027 R	.06203
6	2013	BONN X	128	128	2025 R	.06146
6	2016	BONN X	73	73	2021 R	.05805
6	2016	BONN X	2261	2261	2031 R	.06203
6	2016	BONN X	2275	2275	2041 R	.06394
6	2017	BONN X	61984	61984	2052 R	.06490
6	2017	BONN X	239	239	2057 R	.06490
6	2018	BONN X	5	5	2025 R	.05945
6	2021	BONN X	545	545	2041 R	.06299
6	2021	BONN X	73	73	2026 R	.05805
6	2021	BONN X	98	98	2031 R	.06108
6	2021	BONN X	56856	56856	2061 R	.06490
6	2022	BONN X	55400	55400	2062 R	.06490
6	2025	BONN X	128	128	2037 R	.06146
6	2025	BONN X	5	5	2032 R	.05945
6	2026	BONN X	73	73	2031 R	.05805
6	2027	BONN X	849	849	2072 R	.06490
6	2027	BONN X	12	12	2052 R	.06394

					Prtg.txt	
6	2027	BONN X	980	980	2042 R	.06203
6	2027	BONN X	362	362	2077 R	.06490
6	2031	BONN X	98	98	2041 R	.06108
6	2031	BONN X	73	73	2036 R	.05805
6	2031	BONN X	979	979	2076 R	.06490
6	2031	BONN X	2261	2261	2046 R	.06203
6	2032	BONN X	12008	12008	2082 R	.06490
6	2032	BONN X	5	5	2039 R	.05945
6	2032	BONN X	3762	3762	2057 R	.06394
6	2036	BONN X	73	73	2041 R	.05805
6	2037	BONN X	128	128	2049 R	.06146
6	2039	BONN X	5	5	2046 R	.05945
6	2041	BONN X	18903	18903	2091 R	.06490
6	2041	BONN X	98	98	2051 R	.06108
6	2041	BONN X	2275	2275	2066 R	.06394
6	2041	BONN X	73	73	2046 R	.05805
6	2041	BONN X	545	545	2061 R	.06299
6	2042	BONN X	980	980	2057 R	.06203
6	2046	BONN X	2261	2261	2061 R	.06203
6	2046	BONN X	64487	64487	2081 R	.06490
6	2046	BONN X	5	5	2053 R	.05945
6	2046	BONN X	73	73	2051 R	.05805
6	2047	BONN X	46	46	2082 R	.06490
6	1998	CHIE X	590	590	2018 R	.06299
6	2002	CHIE X	1189	1189	2017 R	.06203
6	2003	CHIE X	285	285	2028 R	.06394
6	2007	CHIE X	9723	9723	2057 R	.06490
6	2007	CHIE X	3491	3491	2032 R	.06394
6	2007	CHIE X	34	34	2017 R	.06108
6	2008	CHIE X	168	168	2023 R	.06203
6	2013	CHIE X	58047	58047	2048 R	.06490
6	2017	CHIE X	1189	1189	2032 R	.06203
6	2017	CHIE X	34	34	2027 R	.06108
6	2017	CHIE X	1817	1817	2037 R	.06299
6	2018	CHIE X	590	590	2038 R	.06299
6	2018	CHIE X	37093	37093	2058 R	.06490
6	2023	CHIE X	168	168	2038 R	.06203
6	2027	CHIE X	34	34	2037 R	.06108
6	2027	CHIE X	47888	47888	2062 R	.06490

						Prtg.txt
6	2028	CHIE X	285	285	2053 R	.06394
6	2028	CHIE X	10256	10256	2078 R	.06490
6	2032	CHIE X	1189	1189	2047 R	.06203
6	2032	CHIE X	3491	3491	2057 R	.06394
6	2037	CHIE X	1817	1817	2057 R	.06299
6	2037	CHIE X	34	34	2047 R	.06108
6	2037	CHIE X	23032	23032	2077 R	.06490
6	2038	CHIE X	590	590	2058 R	.06299
6	2038	CHIE X	168	168	2053 R	.06203
6	2047	CHIE X	1189	1189	2062 R	.06203
6	2047	CHIE X	34	34	2057 R	.06108
6	1998	COLU X	4745	4745	2018 R	.06299
6	2003	COLU X	47208	47208	2028 R	.06394
6	2007	COLU X	1795	1795	2037 R	.06490
6	2007	COLU X	726	726	2022 R	.06203
6	2007	COLU X	4056	4056	2027 R	.06299
6	2008	COLU X	979	979	2023 R	.06203
6	2008	COLU X	2015	2015	2038 R	.06490
6	2013	COLU X	47052	47052	2048 R	.06490
6	2017	COLU X	33985	33985	2052 R	.06490
6	2018	COLU X	4745	4745	2038 R	.06299
6	2018	COLU X	164276	164276	2058 R	.06490
6	2022	COLU X	40143	40143	2047 R	.06394
6	2022	COLU X	726	726	2037 R	.06203
6	2023	COLU X	979	979	2038 R	.06203
6	2023	COLU X	51243	51243	2068 R	.06490
6	2027	COLU X	4056	4056	2047 R	.06299
6	2027	COLU X	38272	38272	2067 R	.06490
6	2028	COLU X	47208	47208	2053 R	.06394
6	2028	COLU X	99808	99808	2078 R	.06490
6	2037	COLU X	40086	40086	2082 R	.06490
6	2037	COLU X	1795	1795	2067 R	.06490
6	2037	COLU X	726	726	2052 R	.06203
6	2038	COLU X	2015	2015	2068 R	.06490
6	2038	COLU X	979	979	2053 R	.06203
6	2038	COLU X	4745	4745	2058 R	.06299
6	2047	COLU X	40143	40143	2072 R	.06394
6	2047	COLU X	128783	128783	2097 R	.06490
6	2047	COLU X	4056	4056	2067 R	.06299

						Prtg.txt	
6	1999	COUG X	2	2	2006 R	.05945	
6	1999	COUG X	2223	2223	2034 R	.06490	
6	2004	COUG X	3	3	2012 R	.05999	
6	2004	COUG X	63	63	2024 R	.06299	
6	2004	COUG X	1393	1393	2044 R	.06490	
6	2006	COUG X	2	2	2013 R	.05945	
6	2009	COUG X	39	39	2024 R	.06203	
6	2012	COUG X	3	3	2020 R	.05999	
6	2013	COUG X	2	2	2020 R	.05945	
6	2014	COUG X	568	568	2064 R	.06490	
6	2014	COUG X	118	118	2039 R	.06394	
6	2020	COUG X	2	2	2027 R	.05945	
6	2020	COUG X	3	3	2028 R	.05999	
6	2024	COUG X	39	39	2039 R	.06203	
6	2024	COUG X	63	63	2044 R	.06299	
6	2027	COUG X	2	2	2034 R	.05945	
6	2028	COUG X	3	3	2036 R	.05999	
6	2034	COUG X	2223	2223	2069 R	.06490	
6	2034	COUG X	2	2	2041 R	.05945	
6	2036	COUG X	3	3	2044 R	.05999	
6	2039	COUG X	118	118	2064 R	.06394	
6	2039	COUG X	39	39	2054 R	.06203	
6	2041	COUG X	2	2	2048 R	.05945	
6	2044	COUG X	63	63	2064 R	.06299	
6	2044	COUG X	3	3	2052 R	.05999	
6	2044	COUG X	1393	1393	2084 R	.06490	
6	1999	DETR X	81	81	2014 R	.06203	
6	1999	DETR X	2	2	2004 R	.05805	
6	1999	DETR X	261	261	2014 R	.06203	
6	2002	DETR X	28	28	2010 R	.05999	
6	2002	DETR X	15	15	2014 R	.06146	
6	2003	DETR X	4	4	2010 R	.05945	
6	2004	DETR X	2461	2461	2054 R	.06490	
6	2004	DETR X	21	21	2014 R	.06108	
6	2004	DETR X	498	498	2054 R	.06490	
6	2004	DETR X	184	184	2029 R	.06394	
6	2004	DETR X	543	543	2029 R	.06394	
6	2004	DETR X	2	2	2009 R	.05805	
6	2009	DETR X	2	2	2014 R	.05805	

				Prtg.txt			
6	2010	DETR X	4	4	2017 R		.05945
6	2010	DETR X	28	28	2018 R		.05999
6	2014	DETR X	261	261	2029 R		.06203
6	2014	DETR X	15	15	2026 R		.06146
6	2014	DETR X	21	21	2024 R		.06108
6	2014	DETR X	99	99	2034 R		.06299
6	2014	DETR X	81	81	2029 R		.06203
6	2014	DETR X	2	2	2019 R		.05805
6	2017	DETR X	4	4	2024 R		.05945
6	2018	DETR X	28	28	2026 R		.05999
6	2019	DETR X	2	2	2024 R		.05805
6	2024	DETR X	2208	2208	2059 R		.06490
6	2024	DETR X	21	21	2034 R		.06108
6	2024	DETR X	2	2	2029 R		.05805
6	2024	DETR X	4	4	2031 R		.05945
6	2024	DETR X	11304	11304	2059 R		.06490
6	2026	DETR X	28	28	2034 R		.05999
6	2026	DETR X	15	15	2038 R		.06146
6	2029	DETR X	543	543	2054 R		.06394
6	2029	DETR X	184	184	2054 R		.06394
6	2029	DETR X	81	81	2044 R		.06203
6	2029	DETR X	2	2	2034 R		.05805
6	2029	DETR X	261	261	2044 R		.06203
6	2031	DETR X	4	4	2038 R		.05945
6	2034	DETR X	4293	4293	2074 R		.06490
6	2034	DETR X	1325	1325	2074 R		.06490
6	2034	DETR X	21	21	2044 R		.06108
6	2034	DETR X	99	99	2054 R		.06299
6	2034	DETR X	2	2	2039 R		.05805
6	2034	DETR X	28	28	2042 R		.05999
6	2038	DETR X	4	4	2045 R		.05945
6	2038	DETR X	15	15	2050 R		.06146
6	2039	DETR X	2	2	2044 R		.05805
6	2042	DETR X	28	28	2050 R		.05999
6	2044	DETR X	2	2	2049 R		.05805
6	2044	DETR X	21	21	2054 R		.06108
6	2044	DETR X	261	261	2059 R		.06203
6	2044	DETR X	81	81	2059 R		.06203
6	2045	DETR X	4	4	2052 R		.05945

						Prtg.txt
6	1998	DWOR X	6629	6629	2023 R	.06394
6	2001	DWOR X	15	15	2008 R	.05945
6	2003	DWOR X	165	165	2013 R	.06108
6	2003	DWOR X	2631	2631	2018 R	.06203
6	2005	DWOR X	34	34	2013 R	.05999
6	2008	DWOR X	15	15	2015 R	.05945
6	2008	DWOR X	11146	11146	2043 R	.06490
6	2009	DWOR X	48	48	2021 R	.06146
6	2013	DWOR X	165	165	2023 R	.06108
6	2013	DWOR X	6927	6927	2053 R	.06490
6	2013	DWOR X	34	34	2021 R	.05999
6	2013	DWOR X	3070	3070	2033 R	.06299
6	2015	DWOR X	15	15	2022 R	.05945
6	2018	DWOR X	2631	2631	2033 R	.06203
6	2021	DWOR X	34	34	2029 R	.05999
6	2021	DWOR X	48	48	2033 R	.06146
6	2022	DWOR X	15	15	2029 R	.05945
6	2023	DWOR X	1570	1570	2073 R	.06490
6	2023	DWOR X	6629	6629	2048 R	.06394
6	2023	DWOR X	165	165	2033 R	.06108
6	2029	DWOR X	15	15	2036 R	.05945
6	2029	DWOR X	34	34	2037 R	.05999
6	2033	DWOR X	2631	2631	2048 R	.06203
6	2033	DWOR X	165	165	2043 R	.06108
6	2033	DWOR X	3070	3070	2053 R	.06299
6	2033	DWOR X	48	48	2045 R	.06146
6	2036	DWOR X	15	15	2043 R	.05945
6	2037	DWOR X	34	34	2045 R	.05999
6	2043	DWOR X	15	15	2050 R	.05945
6	2043	DWOR X	11146	11146	2078 R	.06490
6	2043	DWOR X	165	165	2053 R	.06108
6	2045	DWOR X	48	48	2057 R	.06146
6	2045	DWOR X	34	34	2053 R	.05999
6	1998	GREE X	700	700	2013 R	.06203
6	1999	GREE X	12	12	2007 R	.05999
6	2002	GREE X	3387	3387	2037 R	.06490
6	2002	GREE X	15	15	2009 R	.05945
6	2003	GREE X	1667	1667	2038 R	.06490
6	2007	GREE X	1751	1751	2047 R	.06490

						Prtg.txt
6	2007	GREE X	12	12	2015 R	.05999
6	2007	GREE X	119	119	2027 R	.06299
6	2007	GREE X	19	19	2017 R	.06108
6	2008	GREE X	61	61	2028 R	.06299
6	2008	GREE X	1505	1505	2048 R	.06490
6	2009	GREE X	15	15	2016 R	.05945
6	2012	GREE X	857	857	2027 R	.06203
6	2013	GREE X	700	700	2028 R	.06203
6	2015	GREE X	12	12	2023 R	.05999
6	2016	GREE X	15	15	2023 R	.05945
6	2017	GREE X	19	19	2027 R	.06108
6	2017	GREE X	1401	1401	2067 R	.06490
6	2017	GREE X	393	393	2042 R	.06394
6	2018	GREE X	246	246	2068 R	.06490
6	2018	GREE X	142	142	2043 R	.06394
6	2023	GREE X	12	12	2031 R	.05999
6	2023	GREE X	15	15	2030 R	.05945
6	2027	GREE X	119	119	2047 R	.06299
6	2027	GREE X	19	19	2037 R	.06108
6	2027	GREE X	857	857	2042 R	.06203
6	2028	GREE X	61	61	2048 R	.06299
6	2028	GREE X	700	700	2043 R	.06203
6	2030	GREE X	15	15	2037 R	.05945
6	2031	GREE X	12	12	2039 R	.05999
6	2037	GREE X	19	19	2047 R	.06108
6	2037	GREE X	3387	3387	2072 R	.06490
6	2037	GREE X	15	15	2044 R	.05945
6	2038	GREE X	1667	1667	2073 R	.06490
6	2039	GREE X	12	12	2047 R	.05999
6	2042	GREE X	857	857	2057 R	.06203
6	2042	GREE X	393	393	2067 R	.06394
6	2043	GREE X	700	700	2058 R	.06203
6	2043	GREE X	142	142	2068 R	.06394
6	2044	GREE X	15	15	2051 R	.05945
6	2047	GREE X	19	19	2057 R	.06108
6	2047	GREE X	119	119	2067 R	.06299
6	2047	GREE X	12	12	2055 R	.05999
6	2047	GREE X	1751	1751	2087 R	.06490
6	2002	HILL X	44	44	2022 R	.06299

						Prtg.txt
6	2002	HILL X	1420	1420	2042 R	.06490
6	2007	HILL X	429	429	2022 R	.06203
6	2007	HILL X	77	77	2052 R	.06490
6	2012	HILL X	136	136	2037 R	.06394
6	2012	HILL X	450	450	2062 R	.06490
6	2022	HILL X	44	44	2042 R	.06299
6	2022	HILL X	429	429	2037 R	.06203
6	2032	HILL X	2119	2119	2067 R	.06490
6	2037	HILL X	429	429	2052 R	.06203
6	2037	HILL X	136	136	2062 R	.06394
6	2042	HILL X	1420	1420	2082 R	.06490
6	2042	HILL X	44	44	2062 R	.06299
6	1998	HUNG X	5779	5779	2043 R	.06490
6	1998	HUNG X	402	402	2013 R	.06203
6	2003	HUNG X	9206	9206	2028 R	.06394
6	2003	HUNG X	39616	39616	2053 R	.06490
6	2013	HUNG X	402	402	2028 R	.06203
6	2013	HUNG X	406	406	2043 R	.06490
6	2013	HUNG X	605	605	2033 R	.06299
6	2023	HUNG X	2874	2874	2058 R	.06490
6	2028	HUNG X	402	402	2043 R	.06203
6	2028	HUNG X	9206	9206	2053 R	.06394
6	2033	HUNG X	605	605	2053 R	.06299
6	2033	HUNG X	5263	5263	2073 R	.06490
6	2043	HUNG X	406	406	2073 R	.06490
6	2043	HUNG X	402	402	2058 R	.06203
6	2043	HUNG X	5779	5779	2088 R	.06490
6	2001	ICEH X	38	38	2026 R	.06394
6	2002	ICEH X	72	72	2012 R	.06108
6	2002	ICEH X	10415	10415	2042 R	.06490
6	2002	ICEH X	1305	1305	2022 R	.06299
6	2002	ICEH X	24	24	2010 R	.05999
6	2004	ICEH X	13	13	2011 R	.05945
6	2007	ICEH X	152	152	2052 R	.06490
6	2007	ICEH X	751	751	2022 R	.06203
6	2010	ICEH X	24	24	2018 R	.05999
6	2011	ICEH X	13	13	2018 R	.05945
6	2011	ICEH X	5807	5807	2046 R	.06490
6	2012	ICEH X	72	72	2022 R	.06108

						Prtg.txt
6	2012	ICEH X	3536	3536	2062 R	.06490
6	2012	ICEH X	1424	1424	2037 R	.06394
6	2016	ICEH X	175	175	2036 R	.06299
6	2016	ICEH X	3896	3896	2056 R	.06490
6	2018	ICEH X	24	24	2026 R	.05999
6	2018	ICEH X	13	13	2025 R	.05945
6	2021	ICEH X	25	25	2066 R	.06490
6	2022	ICEH X	72	72	2032 R	.06108
6	2022	ICEH X	751	751	2037 R	.06203
6	2022	ICEH X	1305	1305	2042 R	.06299
6	2022	ICEH X	531	531	2052 R	.06490
6	2025	ICEH X	13	13	2032 R	.05945
6	2026	ICEH X	38	38	2051 R	.06394
6	2026	ICEH X	1119	1119	2076 R	.06490
6	2026	ICEH X	24	24	2034 R	.05999
6	2032	ICEH X	15129	15129	2067 R	.06490
6	2032	ICEH X	72	72	2042 R	.06108
6	2032	ICEH X	13	13	2039 R	.05945
6	2034	ICEH X	24	24	2042 R	.05999
6	2036	ICEH X	175	175	2056 R	.06299
6	2037	ICEH X	1424	1424	2062 R	.06394
6	2037	ICEH X	751	751	2052 R	.06203
6	2039	ICEH X	13	13	2046 R	.05945
6	2042	ICEH X	10415	10415	2082 R	.06490
6	2042	ICEH X	72	72	2052 R	.06108
6	2042	ICEH X	1305	1305	2062 R	.06299
6	2042	ICEH X	24	24	2050 R	.05999
6	2046	ICEH X	13	13	2053 R	.05945
6	2046	ICEH X	5807	5807	2081 R	.06490
6	1998	JOHN X	4	4	2005 R	.05945
6	2000	JOHN X	476	476	2030 R	.06490
6	2000	JOHN X	25	25	2005 R	.05805
6	2000	JOHN X	36	36	2010 R	.06108
6	2000	JOHN X	1757	1757	2015 R	.06203
6	2005	JOHN X	4	4	2012 R	.05945
6	2005	JOHN X	40801	40801	2040 R	.06490
6	2005	JOHN X	25	25	2010 R	.05805
6	2006	JOHN X	140	140	2018 R	.06146
6	2010	JOHN X	36	36	2020 R	.06108

					Prtg.txt	
6	2010	JOHN X	25436	25436	2050 R	.06490
6	2010	JOHN X	25	25	2015 R	.05805
6	2010	JOHN X	574	574	2030 R	.06299
6	2012	JOHN X	4	4	2019 R	.05945
6	2015	JOHN X	1757	1757	2030 R	.06203
6	2015	JOHN X	25	25	2020 R	.05805
6	2018	JOHN X	140	140	2030 R	.06146
6	2019	JOHN X	4	4	2026 R	.05945
6	2020	JOHN X	3115	3115	2045 R	.06394
6	2020	JOHN X	8250	8250	2070 R	.06490
6	2020	JOHN X	25	25	2025 R	.05805
6	2020	JOHN X	36	36	2030 R	.06108
6	2025	JOHN X	25	25	2030 R	.05805
6	2026	JOHN X	4	4	2033 R	.05945
6	2030	JOHN X	574	574	2050 R	.06299
6	2030	JOHN X	1757	1757	2045 R	.06203
6	2030	JOHN X	140	140	2042 R	.06146
6	2030	JOHN X	36	36	2040 R	.06108
6	2030	JOHN X	25	25	2035 R	.05805
6	2030	JOHN X	476	476	2060 R	.06490
6	2033	JOHN X	4	4	2040 R	.05945
6	2035	JOHN X	25	25	2040 R	.05805
6	2040	JOHN X	40801	40801	2075 R	.06490
6	2040	JOHN X	36	36	2050 R	.06108
6	2040	JOHN X	4	4	2047 R	.05945
6	2040	JOHN X	25	25	2045 R	.05805
6	2042	JOHN X	140	140	2054 R	.06146
6	2045	JOHN X	25	25	2050 R	.05805
6	2045	JOHN X	1757	1757	2060 R	.06203
6	2045	JOHN X	3115	3115	2070 R	.06394
6	2047	JOHN X	4	4	2054 R	.05945
6	2000	LIBB X	173	173	2015 R	.06203
6	2001	LIBB X	2189	2189	2026 R	.06394
6	2004	LIBB X	57	57	2011 R	.05945
6	2006	LIBB X	1578	1578	2021 R	.06203
6	2006	LIBB X	57	57	2016 R	.06108
6	2010	LIBB X	233	233	2035 R	.06394
6	2011	LIBB X	8728	8728	2046 R	.06490
6	2011	LIBB X	57	57	2018 R	.05945

						Prtg.txt
6	2015	LIBB X	173	173	2030 R	.06203
6	2016	LIBB X	555	555	2036 R	.06299
6	2016	LIBB X	13038	13038	2056 R	.06490
6	2016	LIBB X	57	57	2026 R	.06108
6	2018	LIBB X	57	57	2025 R	.05945
6	2020	LIBB X	6320	6320	2055 R	.06490
6	2021	LIBB X	1578	1578	2036 R	.06203
6	2025	LIBB X	57	57	2032 R	.05945
6	2025	LIBB X	6557	6557	2065 R	.06490
6	2026	LIBB X	2189	2189	2051 R	.06394
6	2026	LIBB X	2782	2782	2076 R	.06490
6	2026	LIBB X	57	57	2036 R	.06108
6	2030	LIBB X	173	173	2045 R	.06203
6	2032	LIBB X	57	57	2039 R	.05945
6	2035	LIBB X	4330	4330	2085 R	.06490
6	2035	LIBB X	233	233	2060 R	.06394
6	2036	LIBB X	555	555	2056 R	.06299
6	2036	LIBB X	1578	1578	2051 R	.06203
6	2036	LIBB X	57	57	2046 R	.06108
6	2039	LIBB X	57	57	2046 R	.05945
6	2045	LIBB X	173	173	2060 R	.06203
6	2046	LIBB X	57	57	2053 R	.05945
6	2046	LIBB X	8728	8728	2081 R	.06490
6	2046	LIBB X	57	57	2056 R	.06108
6	1998	LITT X	174	174	2018 R	.06299
6	1998	LITT X	935	935	2008 R	.06108
6	1999	LITT X	21	21	2006 R	.05945
6	2001	LITT X	1399	1399	2016 R	.06203
6	2001	LITT X	10	10	2011 R	.06108
6	2001	LITT X	218	218	2031 R	.06490
6	2003	LITT X	34	34	2028 R	.06394
6	2003	LITT X	36	36	2011 R	.05999
6	2006	LITT X	21	21	2013 R	.05945
6	2006	LITT X	11298	11298	2041 R	.06490
6	2008	LITT X	935	935	2018 R	.06108
6	2011	LITT X	400	400	2031 R	.06299
6	2011	LITT X	9481	9481	2051 R	.06490
6	2011	LITT X	10	10	2021 R	.06108
6	2011	LITT X	36	36	2019 R	.05999

						Prtg.txt
6	2013	LITT X	8816	8816	2048 R	.06490
6	2013	LITT X	21	21	2020 R	.05945
6	2016	LITT X	1399	1399	2031 R	.06203
6	2018	LITT X	174	174	2038 R	.06299
6	2018	LITT X	7906	7906	2058 R	.06490
6	2018	LITT X	935	935	2028 R	.06108
6	2019	LITT X	36	36	2027 R	.05999
6	2020	LITT X	21	21	2027 R	.05945
6	2021	LITT X	10	10	2031 R	.06108
6	2021	LITT X	3205	3205	2071 R	.06490
6	2021	LITT X	878	878	2046 R	.06394
6	2023	LITT X	113	113	2068 R	.06490
6	2027	LITT X	21	21	2034 R	.05945
6	2027	LITT X	36	36	2035 R	.05999
6	2028	LITT X	935	935	2038 R	.06108
6	2028	LITT X	34	34	2053 R	.06394
6	2028	LITT X	1534	1534	2078 R	.06490
6	2031	LITT X	1399	1399	2046 R	.06203
6	2031	LITT X	10	10	2041 R	.06108
6	2031	LITT X	400	400	2051 R	.06299
6	2031	LITT X	218	218	2061 R	.06490
6	2034	LITT X	21	21	2041 R	.05945
6	2035	LITT X	36	36	2043 R	.05999
6	2038	LITT X	935	935	2048 R	.06108
6	2038	LITT X	174	174	2058 R	.06299
6	2041	LITT X	10	10	2051 R	.06108
6	2041	LITT X	21	21	2048 R	.05945
6	2041	LITT X	11298	11298	2076 R	.06490
6	2043	LITT X	36	36	2051 R	.05999
6	2046	LITT X	878	878	2071 R	.06394
6	2046	LITT X	1399	1399	2061 R	.06203
6	2000	LOOK X	67	67	2015 R	.06203
6	2000	LOOK X	384	384	2015 R	.06203
6	2003	LOOK X	35	35	2015 R	.06146
6	2003	LOOK X	5	5	2011 R	.05999
6	2004	LOOK X	13	13	2011 R	.05945
6	2005	LOOK X	3589	3589	2055 R	.06490
6	2005	LOOK X	475	475	2030 R	.06394
6	2005	LOOK X	448	448	2055 R	.06490

						Prtg.txt
6	2005	LOOK X	95	95	2015 R	.06108
6	2011	LOOK X	13	13	2018 R	.05945
6	2011	LOOK X	5	5	2019 R	.05999
6	2015	LOOK X	384	384	2030 R	.06203
6	2015	LOOK X	390	390	2035 R	.06299
6	2015	LOOK X	31	31	2035 R	.06299
6	2015	LOOK X	35	35	2027 R	.06146
6	2015	LOOK X	67	67	2030 R	.06203
6	2015	LOOK X	95	95	2025 R	.06108
6	2018	LOOK X	13	13	2025 R	.05945
6	2019	LOOK X	5	5	2027 R	.05999
6	2025	LOOK X	1889	1889	2060 R	.06490
6	2025	LOOK X	9423	9423	2060 R	.06490
6	2025	LOOK X	95	95	2035 R	.06108
6	2025	LOOK X	13	13	2032 R	.05945
6	2027	LOOK X	5	5	2035 R	.05999
6	2027	LOOK X	35	35	2039 R	.06146
6	2030	LOOK X	67	67	2045 R	.06203
6	2030	LOOK X	475	475	2055 R	.06394
6	2030	LOOK X	384	384	2045 R	.06203
6	2032	LOOK X	13	13	2039 R	.05945
6	2035	LOOK X	5	5	2043 R	.05999
6	2035	LOOK X	95	95	2045 R	.06108
6	2035	LOOK X	31	31	2055 R	.06299
6	2035	LOOK X	4922	4922	2075 R	.06490
6	2035	LOOK X	390	390	2055 R	.06299
6	2035	LOOK X	2047	2047	2075 R	.06490
6	2039	LOOK X	35	35	2051 R	.06146
6	2039	LOOK X	13	13	2046 R	.05945
6	2043	LOOK X	5	5	2051 R	.05999
6	2045	LOOK X	67	67	2060 R	.06203
6	2045	LOOK X	384	384	2060 R	.06203
6	2045	LOOK X	95	95	2055 R	.06108
6	2046	LOOK X	13	13	2053 R	.05945
6	1998	LOST X	1	1	2005 R	.05945
6	2002	LOST X	144	144	2027 R	.06394
6	2005	LOST X	1	1	2012 R	.05945
6	2007	LOST X	33	33	2022 R	.06203
6	2007	LOST X	4	4	2017 R	.06108

						Prtg.txt
6	2007	LOST X	15	15	2037 R	.06490
6	2012	LOST X	1368	1368	2047 R	.06490
6	2012	LOST X	1	1	2019 R	.05945
6	2017	LOST X	4	4	2027 R	.06108
6	2017	LOST X	66	66	2037 R	.06299
6	2017	LOST X	1067	1067	2057 R	.06490
6	2019	LOST X	1	1	2026 R	.05945
6	2022	LOST X	462	462	2067 R	.06490
6	2022	LOST X	33	33	2037 R	.06203
6	2026	LOST X	1	1	2033 R	.05945
6	2027	LOST X	522	522	2077 R	.06490
6	2027	LOST X	4	4	2037 R	.06108
6	2027	LOST X	144	144	2052 R	.06394
6	2033	LOST X	1	1	2040 R	.05945
6	2037	LOST X	33	33	2052 R	.06203
6	2037	LOST X	4	4	2047 R	.06108
6	2037	LOST X	66	66	2057 R	.06299
6	2037	LOST X	15	15	2067 R	.06490
6	2040	LOST X	1	1	2047 R	.05945
6	2047	LOST X	4	4	2057 R	.06108
6	2047	LOST X	1368	1368	2082 R	.06490
6	2047	LOST X	1	1	2054 R	.05945
6	1998	LOWG X	281	281	2018 R	.06299
6	1999	LOWG X	19	19	2011 R	.06146
6	1999	LOWG X	29	29	2007 R	.05999
6	2000	LOWG X	187	187	2025 R	.06394
6	2003	LOWG X	22	22	2010 R	.05945
6	2003	LOWG X	105	105	2028 R	.06394
6	2005	LOWG X	601	601	2035 R	.06490
6	2005	LOWG X	801	801	2015 R	.06108
6	2005	LOWG X	2282	2282	2020 R	.06203
6	2007	LOWG X	29	29	2015 R	.05999
6	2008	LOWG X	281	281	2023 R	.06203
6	2010	LOWG X	7610	7610	2045 R	.06490
6	2010	LOWG X	22	22	2017 R	.05945
6	2011	LOWG X	19	19	2023 R	.06146
6	2013	LOWG X	8962	8962	2048 R	.06490
6	2015	LOWG X	29	29	2023 R	.05999
6	2015	LOWG X	801	801	2025 R	.06108

						Prtg.txt
6	2015	LOWG X	918	918	2035 R	.06299
6	2015	LOWG X	6347	6347	2055 R	.06490
6	2017	LOWG X	22	22	2024 R	.05945
6	2018	LOWG X	281	281	2038 R	.06299
6	2018	LOWG X	6960	6960	2058 R	.06490
6	2020	LOWG X	2282	2282	2035 R	.06203
6	2023	LOWG X	29	29	2031 R	.05999
6	2023	LOWG X	281	281	2038 R	.06203
6	2023	LOWG X	19	19	2035 R	.06146
6	2024	LOWG X	22	22	2031 R	.05945
6	2025	LOWG X	187	187	2050 R	.06394
6	2025	LOWG X	801	801	2035 R	.06108
6	2025	LOWG X	1423	1423	2075 R	.06490
6	2028	LOWG X	1486	1486	2078 R	.06490
6	2028	LOWG X	105	105	2053 R	.06394
6	2031	LOWG X	22	22	2038 R	.05945
6	2031	LOWG X	29	29	2039 R	.05999
6	2035	LOWG X	918	918	2055 R	.06299
6	2035	LOWG X	2282	2282	2050 R	.06203
6	2035	LOWG X	601	601	2065 R	.06490
6	2035	LOWG X	19	19	2047 R	.06146
6	2035	LOWG X	801	801	2045 R	.06108
6	2038	LOWG X	281	281	2058 R	.06299
6	2038	LOWG X	281	281	2053 R	.06203
6	2038	LOWG X	22	22	2045 R	.05945
6	2039	LOWG X	29	29	2047 R	.05999
6	2045	LOWG X	801	801	2055 R	.06108
6	2045	LOWG X	22	22	2052 R	.05945
6	2045	LOWG X	7610	7610	2080 R	.06490
6	2047	LOWG X	19	19	2059 R	.06146
6	2047	LOWG X	29	29	2055 R	.05999
6	1999	LOWM X	1817	1817	2014 R	.06203
6	1999	LOWM X	222	222	2029 R	.06490
6	1999	LOWM X	278	278	2019 R	.06299
6	1999	LOWM X	10	10	2009 R	.06108
6	2001	LOWM X	40	40	2009 R	.05999
6	2004	LOWM X	21	21	2011 R	.05945
6	2004	LOWM X	9258	9258	2039 R	.06490
6	2004	LOWM X	36	36	2029 R	.06394

						Prtg.txt
6	2009	LOWM X	40	40	2017 R	.05999
6	2009	LOWM X	9485	9485	2049 R	.06490
6	2009	LOWM X	277	277	2029 R	.06299
6	2009	LOWM X	10	10	2019 R	.06108
6	2011	LOWM X	21	21	2018 R	.05945
6	2014	LOWM X	8516	8516	2049 R	.06490
6	2014	LOWM X	1817	1817	2029 R	.06203
6	2017	LOWM X	40	40	2025 R	.05999
6	2018	LOWM X	21	21	2025 R	.05945
6	2019	LOWM X	3702	3702	2069 R	.06490
6	2019	LOWM X	10	10	2029 R	.06108
6	2019	LOWM X	6183	6183	2059 R	.06490
6	2019	LOWM X	278	278	2039 R	.06299
6	2019	LOWM X	767	767	2044 R	.06394
6	2024	LOWM X	101	101	2069 R	.06490
6	2025	LOWM X	40	40	2033 R	.05999
6	2025	LOWM X	21	21	2032 R	.05945
6	2029	LOWM X	277	277	2049 R	.06299
6	2029	LOWM X	222	222	2059 R	.06490
6	2029	LOWM X	1817	1817	2044 R	.06203
6	2029	LOWM X	1503	1503	2079 R	.06490
6	2029	LOWM X	10	10	2039 R	.06108
6	2029	LOWM X	36	36	2054 R	.06394
6	2032	LOWM X	21	21	2039 R	.05945
6	2033	LOWM X	40	40	2041 R	.05999
6	2039	LOWM X	278	278	2059 R	.06299
6	2039	LOWM X	9258	9258	2074 R	.06490
6	2039	LOWM X	21	21	2046 R	.05945
6	2039	LOWM X	10	10	2049 R	.06108
6	2041	LOWM X	40	40	2049 R	.05999
6	2044	LOWM X	1817	1817	2059 R	.06203
6	2044	LOWM X	767	767	2069 R	.06394
6	2046	LOWM X	21	21	2053 R	.05945
6	1998	LSFW X	43	43	2003 R	.05805
6	1998	LSFW X	1008	1008	2013 R	.06203
6	1999	LSFW X	98	98	2007 R	.05999
6	2003	LSFW X	4688	4688	2023 R	.06299
6	2003	LSFW X	933	933	2013 R	.06108
6	2003	LSFW X	43	43	2008 R	.05805

						Prtg.txt
6	2004	LSFW X	512	512	2011 R	.05945
6	2007	LSFW X	98	98	2015 R	.05999
6	2007	LSFW X	468	468	2019 R	.06146
6	2008	LSFW X	43	43	2013 R	.05805
6	2008	LSFW X	906	906	2033 R	.06394
6	2011	LSFW X	512	512	2018 R	.05945
6	2013	LSFW X	933	933	2023 R	.06108
6	2013	LSFW X	43	43	2018 R	.05805
6	2013	LSFW X	1008	1008	2028 R	.06203
6	2013	LSFW X	1991	1991	2043 R	.06490
6	2015	LSFW X	98	98	2023 R	.05999
6	2018	LSFW X	1024	1024	2053 R	.06490
6	2018	LSFW X	43	43	2023 R	.05805
6	2018	LSFW X	512	512	2025 R	.05945
6	2019	LSFW X	468	468	2031 R	.06146
6	2023	LSFW X	6456	6456	2063 R	.06490
6	2023	LSFW X	4688	4688	2043 R	.06299
6	2023	LSFW X	933	933	2033 R	.06108
6	2023	LSFW X	98	98	2031 R	.05999
6	2023	LSFW X	43	43	2028 R	.05805
6	2025	LSFW X	512	512	2032 R	.05945
6	2028	LSFW X	964	964	2073 R	.06490
6	2028	LSFW X	1008	1008	2043 R	.06203
6	2028	LSFW X	43	43	2033 R	.05805
6	2031	LSFW X	98	98	2039 R	.05999
6	2031	LSFW X	468	468	2043 R	.06146
6	2032	LSFW X	512	512	2039 R	.05945
6	2033	LSFW X	906	906	2058 R	.06394
6	2033	LSFW X	15063	15063	2083 R	.06490
6	2033	LSFW X	933	933	2043 R	.06108
6	2033	LSFW X	43	43	2038 R	.05805
6	2038	LSFW X	43	43	2043 R	.05805
6	2039	LSFW X	98	98	2047 R	.05999
6	2039	LSFW X	512	512	2046 R	.05945
6	2043	LSFW X	43	43	2048 R	.05805
6	2043	LSFW X	933	933	2053 R	.06108
6	2043	LSFW X	468	468	2055 R	.06146
6	2043	LSFW X	1991	1991	2073 R	.06490
6	2043	LSFW X	4688	4688	2063 R	.06299

						Prtg.txt
6	2043	LSFW X	1008	1008	2058 R	.06203
6	2046	LSFW X	512	512	2053 R	.05945
6	2047	LSFW X	98	98	2055 R	.05999
6	2000	MCNA X	411	411	2015 R	.06203
6	2003	MCNA X	91	91	2015 R	.06146
6	2003	MCNA X	54	54	2011 R	.05999
6	2004	MCNA X	26	26	2011 R	.05945
6	2005	MCNA X	18097	18097	2055 R	.06490
6	2005	MCNA X	822	822	2030 R	.06394
6	2005	MCNA X	146	146	2015 R	.06108
6	2011	MCNA X	54	54	2019 R	.05999
6	2011	MCNA X	26	26	2018 R	.05945
6	2015	MCNA X	1111	1111	2035 R	.06299
6	2015	MCNA X	146	146	2025 R	.06108
6	2015	MCNA X	91	91	2027 R	.06146
6	2015	MCNA X	411	411	2030 R	.06203
6	2018	MCNA X	26	26	2025 R	.05945
6	2019	MCNA X	54	54	2027 R	.05999
6	2025	MCNA X	56818	56818	2060 R	.06490
6	2025	MCNA X	146	146	2035 R	.06108
6	2025	MCNA X	26	26	2032 R	.05945
6	2027	MCNA X	54	54	2035 R	.05999
6	2027	MCNA X	91	91	2039 R	.06146
6	2030	MCNA X	411	411	2045 R	.06203
6	2030	MCNA X	822	822	2055 R	.06394
6	2032	MCNA X	26	26	2039 R	.05945
6	2035	MCNA X	54	54	2043 R	.05999
6	2035	MCNA X	1111	1111	2055 R	.06299
6	2035	MCNA X	29154	29154	2075 R	.06490
6	2035	MCNA X	146	146	2045 R	.06108
6	2039	MCNA X	26	26	2046 R	.05945
6	2039	MCNA X	91	91	2051 R	.06146
6	2043	MCNA X	54	54	2051 R	.05999
6	2045	MCNA X	146	146	2055 R	.06108
6	2045	MCNA X	411	411	2060 R	.06203
6	2046	MCNA X	26	26	2053 R	.05945
6	2002	MINI X	3444	3444	2047 R	.06490
6	2002	MINI X	109	109	2017 R	.06203
6	2007	MINI X	6110	6110	2057 R	.06490

						Prtg.txt	
6	2007	MINI X	73	73	2022 R	.06203	
6	2007	MINI X	61	61	2037 R	.06490	
6	2007	MINI X	2014	2014	2032 R	.06394	
6	2007	MINI X	14	14	2017 R	.06108	
6	2007	MINI X	5257	5257	2052 R	.06490	
6	2017	MINI X	109	109	2032 R	.06203	
6	2017	MINI X	238	238	2037 R	.06299	
6	2017	MINI X	1686	1686	2042 R	.06394	
6	2017	MINI X	75	75	2047 R	.06490	
6	2017	MINI X	14	14	2027 R	.06108	
6	2017	MINI X	4072	4072	2067 R	.06490	
6	2017	MINI X	80	80	2037 R	.06299	
6	2022	MINI X	73	73	2037 R	.06203	
6	2022	MINI X	2671	2671	2057 R	.06490	
6	2027	MINI X	635	635	2062 R	.06490	
6	2027	MINI X	14	14	2037 R	.06108	
6	2032	MINI X	2014	2014	2057 R	.06394	
6	2032	MINI X	109	109	2047 R	.06203	
6	2037	MINI X	5424	5424	2077 R	.06490	
6	2037	MINI X	61	61	2067 R	.06490	
6	2037	MINI X	80	80	2057 R	.06299	
6	2037	MINI X	14	14	2047 R	.06108	
6	2037	MINI X	1406	1406	2077 R	.06490	
6	2037	MINI X	238	238	2057 R	.06299	
6	2037	MINI X	73	73	2052 R	.06203	
6	2042	MINI X	1686	1686	2067 R	.06394	
6	2047	MINI X	109	109	2062 R	.06203	
6	2047	MINI X	75	75	2077 R	.06490	
6	2047	MINI X	3444	3444	2092 R	.06490	
6	2047	MINI X	14	14	2057 R	.06108	
6	1998	THED X	200	200	2023 R	.06394	
6	1999	THED X	38	38	2004 R	.05805	
6	1999	THED X	39113	39113	2039 R	.06490	
6	1999	THED X	1102	1102	2019 R	.06299	
6	1999	THED X	1	1	2009 R	.06108	
6	1999	THED X	63	63	2007 R	.05999	
6	2001	THED X	42	42	2008 R	.05945	
6	2003	THED X	1629	1629	2018 R	.06203	
6	2004	THED X	38	38	2009 R	.05805	

						Prtg.txt
6	2004	THED X	1121	1121	2019 R	.06203
6	2007	THED X	63	63	2015 R	.05999
6	2007	THED X	8	8	2019 R	.06146
6	2008	THED X	42	42	2015 R	.05945
6	2008	THED X	17056	17056	2043 R	.06490
6	2009	THED X	2262	2262	2034 R	.06394
6	2009	THED X	1	1	2019 R	.06108
6	2009	THED X	17228	17228	2059 R	.06490
6	2009	THED X	38	38	2014 R	.05805
6	2013	THED X	13809	13809	2053 R	.06490
6	2013	THED X	1728	1728	2033 R	.06299
6	2014	THED X	38	38	2019 R	.05805
6	2015	THED X	42	42	2022 R	.05945
6	2015	THED X	63	63	2023 R	.05999
6	2018	THED X	1629	1629	2033 R	.06203
6	2019	THED X	1	1	2029 R	.06108
6	2019	THED X	8	8	2031 R	.06146
6	2019	THED X	1102	1102	2039 R	.06299
6	2019	THED X	1121	1121	2034 R	.06203
6	2019	THED X	38	38	2024 R	.05805
6	2022	THED X	42	42	2029 R	.05945
6	2023	THED X	200	200	2048 R	.06394
6	2023	THED X	63	63	2031 R	.05999
6	2023	THED X	5130	5130	2073 R	.06490
6	2024	THED X	38	38	2029 R	.05805
6	2029	THED X	61948	61948	2064 R	.06490
6	2029	THED X	38	38	2034 R	.05805
6	2029	THED X	1	1	2039 R	.06108
6	2029	THED X	42	42	2036 R	.05945
6	2031	THED X	63	63	2039 R	.05999
6	2031	THED X	8	8	2043 R	.06146
6	2033	THED X	1629	1629	2048 R	.06203
6	2033	THED X	1728	1728	2053 R	.06299
6	2034	THED X	38	38	2039 R	.05805
6	2034	THED X	1121	1121	2049 R	.06203
6	2034	THED X	2262	2262	2059 R	.06394
6	2036	THED X	42	42	2043 R	.05945
6	2039	THED X	1	1	2049 R	.06108
6	2039	THED X	39113	39113	2079 R	.06490

				Prtg.txt		
6	2039	THED X	38	38	2044 R	.05805
6	2039	THED X	1102	1102	2059 R	.06299
6	2039	THED X	63	63	2047 R	.05999
6	2043	THED X	42	42	2050 R	.05945
6	2043	THED X	8	8	2055 R	.06146
6	2043	THED X	17056	17056	2078 R	.06490
6	2044	THED X	38	38	2049 R	.05805
6	2047	THED X	63	63	2055 R	.05999
6	2001	YAKC X	663	663	2046 R	.06490
6	2001	YAKC X	22	22	2016 R	.06203
6	2006	YAKC X	52	52	2016 R	.06108
6	2006	YAKC X	2832	2832	2056 R	.06490
6	2006	YAKC X	808	808	2031 R	.06394
6	2016	YAKC X	52	52	2026 R	.06108
6	2016	YAKC X	22	22	2031 R	.06203
6	2016	YAKC X	52	52	2046 R	.06490
6	2016	YAKC X	77	77	2036 R	.06299
6	2026	YAKC X	52	52	2036 R	.06108
6	2026	YAKC X	410	410	2061 R	.06490
6	2031	YAKC X	22	22	2046 R	.06203
6	2031	YAKC X	808	808	2056 R	.06394
6	2036	YAKC X	428	428	2076 R	.06490
6	2036	YAKC X	77	77	2056 R	.06299
6	2036	YAKC X	52	52	2046 R	.06108
6	2046	YAKC X	52	52	2076 R	.06490
6	2046	YAKC X	52	52	2056 R	.06108
6	2046	YAKC X	22	22	2061 R	.06203
6	2046	YAKC X	663	663	2091 R	.06490
6	1998	YAKR X	7	7	2018 R	.06299
6	1998	YAKR X	108	108	2038 R	.06490
6	2003	YAKR X	180	180	2048 R	.06490
6	2003	YAKR X	2	2	2018 R	.06203
6	2008	YAKR X	91	91	2033 R	.06394
6	2008	YAKR X	317	317	2058 R	.06490
6	2018	YAKR X	7	7	2038 R	.06299
6	2018	YAKR X	2	2	2033 R	.06203
6	2018	YAKR X	4	4	2048 R	.06490
6	2028	YAKR X	56	56	2063 R	.06490
6	2033	YAKR X	91	91	2058 R	.06394

					Prtg.txt	
6	2033	YAKR X	2	2	2048 R	.06203
6	2038	YAKR X	108	108	2078 R	.06490
6	2038	YAKR X	7	7	2058 R	.06299

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BPA REPLACEMENTS

INSERVICE DATE	PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	DATE DUE	INTEREST RATE
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NUMBER OF INVESTMENTS FOR THIS STUDY IS 2151

1
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REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL
 OCTOBER 1,1996 - SEPTEMBER 30,1997 COST EVALUATION PERIOD
 REPAY 97 GS6 - GENERATION, FINAL, 1996 RATE CASE
 GENERATION

SUMMARY OF SOLUTION STEPS

PRIMARY ITERATION NUMBER	TRIAL REVENUE FACTOR	SECONDARY ITERATIONS REQUIRED	RESULTS
1	1.000000	2	ACCUMULATED REVENUES INSUFFICIENT IN YEAR 1997
2	1.500000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
3	1.250000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
4	1.120000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE

Prtg.txt

5	1.060000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003	
6	1.090000	3	CONVERGED TO A VALID REPAYMENT SCHEDULE	
7	1.075000	3	CONVERGED TO A VALID REPAYMENT SCHEDULE	
8	1.067000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE	
9	1.063000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003	
10	1.065000	7	FAILED LST. SQR. TEST, TOT. NEG. BAL. =	1785.0
11	1.066000	7	FAILED LST. SQR. TEST, TOT. NEG. BAL. =	258.0
12	1.066500	3	CONVERGED TO A VALID REPAYMENT SCHEDULE	
13	1.066250	4	CONVERGED TO A VALID REPAYMENT SCHEDULE	
14	1.066120	8	FAILED LST. SQR. TEST, TOT. NEG. BAL. =	73.0
15	1.066180	5	CONVERGED TO A VALID REPAYMENT SCHEDULE	
16	1.066150	8	FAILED LST. SQR. TEST, TOT. NEG. BAL. =	34.0
17	1.066180	1	CONVERGED TO MINIMUM REPAYMENT SCHEDULE	

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REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL

OCTOBER 1,1996 - SEPTEMBER 30,1997 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)

TABLE A FISCAL

0	1	2	3	4	5	6	7
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8
OFISCAL

PURCHASE

YEAR	REVENUE	ANNUAL	Prtg.txt AND EXCHANGE	GROSS	IRRIGATION
ENDING	REVENUE	OBLIGATIONS	POWER	INTEREST	AMORTIZATION
SEPT 30	SURPLUS OR	=	+	+	+
N +	(-) DEFICIT				
CUMULATIVE					
1996		1,925,217		3,301,041	1,461,448
1997	1,101,765	144,603	564,891	272,285	94,843
1998	1,101,765	144,603	586,011	280,159	90,992
1999	1,101,765	144,603	655,861	274,451	26,850
2000	1,101,765	144,603	660,198	274,414	22,550
2001	1,101,765	144,603	655,560	272,313	19,186
2002	1,101,765	144,603	608,183	270,420	78,559
2003	1,101,765	144,603	682,196	270,891	4,075
2004	1,101,765	144,603	613,367	272,237	70,804
2005	1,101,765	144,603	577,384	269,253	110,525
2006	1,101,765	144,603	594,702	266,380	96,080
2007	1,101,765	144,603	611,185	262,323	83,654
2008	1,101,765	144,603	611,325	259,695	83,192
2009	1,101,765	144,603	593,613	256,260	99,691
2010	1,101,765	144,603	593,933	251,950	111,279

Prtg.txt

2011	1,101,765	144,603	593,066	248,290	115,806	
2012	1,101,765	144,603	586,961	242,184	127,211	806
2013	1,101,765	144,603	390,751	236,053	285,285	45,073
2014	1,101,765	144,603	391,187	215,923	303,699	46,353
2015	1,101,765	144,603	388,225	196,664	319,427	52,846
2016	1,101,765	144,603	367,371	176,416	351,161	62,214
2017	1,101,765	144,603	259,057	153,888	480,404	63,813
2018	1,101,765	144,603	88,991	127,148	717,204	23,819
2019	1,101,765	144,603	265,685	95,186	529,565	66,726
2020	1,101,765	144,603	265,690	62,096	595,776	33,600
2021	1,101,765	144,603	262,751	26,149	650,570	17,692
2022	1,101,765	144,603	263,249	-10,497	379,381	321,272
2023	3,757	1,101,765	144,603	263,472	-28,778	81,708
2024	640,760	1,101,765	144,603	250,007	-31,472	13,802
2025	724,825	1,101,765	144,603	249,115	-29,158	86,328
2026	650,877	1,101,765	144,603	248,559	-31,756	6,792
2027	733,567	1,101,765	144,603	248,559	-28,577	104,879
	632,301					

2028	1,101,765	144,603	Prtg.txt 248,559	-26,358	174,094
560,867					
2029	1,101,765	144,603	248,559	-29,805	67,014
671,394					
2030	1,101,765	144,603	247,559	-31,776	7,523
733,856					
2031	1,101,765	144,603	247,559	-31,793	6,972
734,424					
2032	1,101,765	144,603	247,559	-30,677	41,384
698,896					
2033	1,101,765	144,603	247,559	-30,980	32,222
708,361					
2034	1,101,765	144,603	247,559	-31,642	11,459
729,786					
2035	1,101,765	144,603	247,559	-30,414	49,519
690,498					
2036	1,101,765	144,603	247,559	-31,916	3,055
738,464					
2037	1,101,765	144,603	247,559	-29,383	81,227
657,759					
2038	1,101,765	144,603	247,559	-31,631	12,034
729,200					
2039	1,101,765	144,603	247,559	-30,360	51,043
688,920					
2040	1,101,765	144,603	247,559	-30,685	40,867
699,421					
2041	1,101,765	144,603	247,559	-30,934	33,265
707,272					
2042	1,101,765	144,603	247,559	-31,453	17,364
723,692					
2043	1,101,765	144,603	247,559	-30,560	45,087
695,076					
2044	1,101,765	144,603	247,559	-31,870	4,461
737,012					
2045	1,101,765	144,603	247,559	-31,511	15,745
725,369					

2046	1,101,765	144,603	247,559	-29,256	85,126	
653,733						
2047	1,101,765	144,603	247,559	-26,124	182,258	
553,469						
0 TOTALS	56,190,015	7,374,753	18,944,285	4,763,662	7,102,997	780,762
17,223,556						

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REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL
 OCTOBER 1,1996 - SEPTEMBER 30,1997 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)
 TABLE B FISCAL

0	1	2	3	4	5	6	7
8	9						
INVESTMENT PLACED IN SERVICE							
IRRIGATION ASSISTANCE							
FISCAL -----							
YEAR	INITIAL	REPLACE-	CUMULATIVE	AMORTI-	TERM	CUM	
ULATIVE	PROJECT +	MENTS =	AMOUNT IN	ZATION =	UNAMORTIZED	INVESTMENT	AM
OUNT IN -	AMORTI- =						
UNAMORTIZED							
SEPT 30	THRU 9-30	THRU 9-30	SERVICE	9-30	INVESTMENT	SCHEDULE	S
ERVICE	ZATION						
AMOUNT							
OCUMULATIVE							
1996	5,557,759	187,364	5,745,123	1,461,448	4,283,675	5,286,079	
780,762							
780,762							
1997	261,262	1,809	6,008,194	94,843	4,451,903	5,468,950	
780,762	25,143						
755,619							

			Prtg.txt			
1998		21,606	6,029,800	90,992	4,382,517	5,411,853
780,762						
755,619						
1999		45,392	6,075,192	26,850	4,401,059	5,386,144
780,762						
755,619						
2000		3,564	6,078,756	22,550	4,382,073	5,373,040
780,762						
755,619						
2001		7,741	6,086,497	19,186	4,370,628	5,312,441
780,762	10,103					
745,516						
2002		23,851	6,110,348	78,559	4,315,920	5,270,286
780,762						
745,516						
2003		108,748	6,219,096	4,075	4,420,593	5,149,343
780,762						
745,516						
2004		16,268	6,235,364	70,804	4,366,057	5,030,472
780,762	754					
744,762						
2005		73,335	6,308,699	110,525	4,328,867	4,949,322
780,762						
744,762						
2006		16,861	6,325,560	96,080	4,249,648	4,910,059
780,762						
744,762						
2007		41,954	6,367,514	83,654	4,207,948	4,745,210
780,762						
744,762						
2008		35,560	6,403,074	83,192	4,160,316	4,571,162
780,762	2,950					
741,812						
2009		29,445	6,432,519	99,691	4,090,070	4,511,681
780,762	7,598					
734,214						
2010		33,992	6,466,511	111,279	4,012,783	4,479,376

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787,704							
741,156							
2011		89,845	6,556,356	115,806	3,986,822	4,518,776	
794,270							
747,722							
2012		8,877	6,565,233	127,211	3,868,488	4,416,726	
797,746	806						
750,392							
2013		154,849	6,720,082	285,285	3,738,052	4,420,131	
817,539	45,073						
725,112							
2014		11,536	6,731,618	303,699	3,445,889	4,361,242	
855,069	46,353						
716,289							
2015		14,982	6,746,600	319,427	3,141,444	4,246,145	
860,176	52,846						
668,550							
2016		23,947	6,770,547	351,161	2,814,230	4,166,109	
865,570	62,214						
611,730							
2017		109,262	6,879,809	480,404	2,443,088	4,198,894	
900,823	63,813						
583,170							
2018		229,527	7,109,336	717,204	1,955,411	4,365,947	
952,010	23,819						
610,538							
2019		13,780	7,123,116	529,565	1,439,626	4,235,056	
962,912	66,726						
554,714							
2020		20,054	7,143,170	595,776	863,904	4,131,309	
984,170	33,600						
542,372							
2021		63,350	7,206,520	650,570	276,684	4,098,002	1
,023,377	17,692						
563,887							
2022		102,697	7,309,217	379,381		4,127,198	1

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,062,426	321,272					
281,664						
2023		81,708	7,390,925	81,708	4,003,780	1
,091,506						
310,744						
2024		13,802	7,404,727	13,802	4,009,349	1
,133,312						
352,550						
2025		86,328	7,491,055	86,328	3,831,195	1
,153,349						
372,587						
2026		6,792	7,497,847	6,792	3,585,565	1
,186,577						
405,815						
2027		104,879	7,602,726	104,879	3,568,124	1
,218,805						
438,043						
2028		174,094	7,776,820	174,094	3,453,949	1
,252,191						
471,429						
2029		67,014	7,843,834	67,014	3,251,686	1
,296,988						
516,226						
2030		7,523	7,851,357	7,523	3,237,829	1
,326,951						
546,189						
2031		6,972	7,858,329	6,972	3,192,863	1
,356,914						
576,152						
2032		41,384	7,899,713	41,384	2,992,752	1
,401,711						
620,949						
2033		32,222	7,931,935	32,222	2,673,010	1
,442,135						
661,373						
2034		11,459	7,943,394	11,459	2,664,350	1
,482,559						

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701,797 2035 ,511,766 731,004	49,519	7,992,913	49,519	2,652,544	1
2036 ,540,315 759,553	3,055	7,995,968	3,055	2,652,427	1
2037 ,569,023 788,261	81,227	8,077,195	81,227	2,643,113	1
2038 ,598,333 817,571	12,034	8,089,229	12,034	2,622,391	1
2039 ,627,644 846,882	51,043	8,140,272	51,043	2,622,391	1
2040 ,661,479 880,717	40,867	8,181,139	40,867	2,619,552	1
2041 ,695,315 914,553	33,265	8,214,404	33,265	2,574,161	1
2042 ,730,009 949,247	17,364	8,231,768	17,364	2,543,317	1
2043 ,764,704 983,942	45,087	8,276,855	45,087	2,379,031	1
2044 ,797,645 1,016,883	4,461	8,281,316	4,461	2,309,782	1
2045 ,830,586 1,049,824	15,745	8,297,061	15,745	2,218,609	1
2046 ,863,685	85,126	8,382,187	85,126	2,035,080	1

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1,082,923								
2047		182,258	8,564,445	182,258		2,016,788	1	
,903,410								
1,122,648								
0 TOTALS	5,819,021	2,745,424		8,564,445				
	780,762							

1 LINES MAY NOT ADD ACROSS BECAUSE OF ROUND OFF ERRORS

SUMMARY OF INTEREST EXPENSE	GENERATION	FY 1997	REPAYMENT STUDY FOR 199
6 FINAL RATE PROPOSAL			

(ALL AMOUNTS IN \$1000)

	2004	2005	1997	1998	1999	2000	2001	2002	20
03									
2006									
BUREAU OF RECLAMATION									
BOISE			193	200	200	200	200	266	3
38	338	338							
338									
COLUMBIA BASIN			2,003	2,326	2,476	2,476	2,476	1,475	2,9
84	4,493	4,493							
4,493									
COLUMBIA BASIN - 3RD			28,578	28,578	28,578	28,578	28,578	28,578	28,5
78	28,578	28,578							
28,578									
HUNGRY HORSE			1,781	1,996	2,196	2,196	2,054	1,933	2,7
66	4,302	4,302							

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4,302									
MINIDOKA			1,724	3,251	3,251	3,251	3,251	3,365	3,4
81	3,481	3,481							
3,481									
YAKIMA-CHANDLER			83	83	83	83	106	127	1
27	127	127							
247									
YAKIMA-ROZA			62	66	69	69	69	69	
75	81	81							
81									
TOTAL BUREAU			34,424	36,500	36,853	36,853	36,734	35,813	38,3
49	41,400	41,400							
41,520									
CORPS OF ENGINEERS									
ALBENI FALLS			1,342	1,353	1,353	1,354	1,356	1,356	1,3
59	1,363	1,527							
555									
BONNEVILLE			5,192	5,648	5,648	5,648	5,744	5,840	5,8
41	5,841	5,841							
5,843									
BONNEVILLE - 2ND POW			25,688	25,688	25,688	25,688	25,688	25,688	25,6
88	25,688	25,688							
25,688									
CHIEF JOSEPH			20,989	21,019	21,037	21,037	21,037	21,074	21,1
20	21,129	21,129							
20,983									
COUGAR			666	666	738	810	810	810	8
10	857	904							
904									
COLUMBIA RIVER FISH			8,925	11,319	11,319	11,319	11,319	11,319	11,3
19	11,319	11,319							
11,319									
DETROIT-BIG CLIFF			1,504	1,504	1,515	1,525	1,525	1,526	1,5
28	1,455	264							
264									
DWORSHAK			10,214	10,430	10,642	10,642	10,642	10,643	10,7

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30	10,816	10,817							
10,818									
GREEN PETER-FOSTER			1,784	1,809	1,830	1,831	1,831	1,941	2,1
06	2,160	2,160							
2,160									
HILLS CREEK			671	671	671	671	671	718	7
66	766	766							
766									
ICE HARBOR FISH BYPA									
ICE HARBOR			4,751	4,795	4,795	4,795	4,796	5,179	5,5
60	5,560	5,561							
5,561									
JOHN DAY			15,811	15,816	15,816	15,887	15,959	15,959	15,9
59	15,959	17,284							
18,611									
LIBBY			16,924	16,968	16,968	16,973	17,049	17,119	17,1
19	17,121	17,122							
17,173									
LITTLE GOOSE FISH BY									
LITTLE GOOSE			8,558	8,592	8,627	8,627	8,677	8,729	8,7
31	8,733	8,733							
9,101									
LOWER GRANITE FISH B									
LOWER MONUMENTAL FIS									
LOOKOUT POINT-DEXTER			2,193	2,193	2,193	2,207	2,221	2,221	2,2
22	2,223	2,373							
600									
LOST CREEK			989	989	989	989	989	994	9
98	998	998							
998									
LOWER GRANITE			12,095	12,104	12,115	12,122	12,128	12,128	12,1
32	12,136	12,251							
12,366									
LOWER MONUMENTAL			8,792	8,798	8,870	8,944	8,945	8,946	8,9
46	9,248	9,550							

9,550									
MCNARY			10,908	10,908	10,908	10,921	10,933	10,933	10,9
38	10,943	9,287							
6,459									
MCNARY FISH BYPASS									
STRUBE									
THE DALLES			11,609	11,631	12,945	14,251	14,252	14,253	14,3
04	14,390	14,424							
14,424									
TOTAL CORPS			169,605	172,901	174,667	176,241	176,572	177,376	178,1
76	178,705	177,998							
174,143									
LOWER SNAKE F AND W			15,826	15,984	16,020	16,023	16,023	16,023	16,2
00	16,390	16,405							
16,405									
BONNEVILLE POWER ADM									
TOTAL APPROPRIATIONS			219,855	225,385	227,540	229,117	229,329	229,212	232,7
25	236,495	235,803							
232,068									
BPA BORROWING									
BPA PROGRAM			4,808	5,029	4,109	3,945	3,944	3,944	3,9
44	3,944	3,944							
3,943									
BPA CONSERVATION			52,356	48,749	42,917	42,916	41,476	41,476	35,7
67	35,767	34,988							
34,944									
FISH, WILDLIFE & ENV			7,836	8,727	8,727	6,489	6,489	6,489	6,4
89	6,489	6,489							

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6,489								
BUREAU DIRECT FUND	6,098	6,698	6,698	6,698	6,698	6,698	6,698	6,6
98 6,698 6,698								
6,698								
IRRIGATION ASSISTANC								
PREMIUMS	191	3,602		672				
156 6								
264								
0LESS								
0 AFUDC								
0 INTEREST INCOME	18,859	18,031	15,540	15,423	15,623	17,399	14,7	
32 17,312 18,675								
18,026								
0TOTAL BPA BORROWING	52,430	54,774	46,911	45,297	42,984	41,208	38,1	
66 35,742 33,450								
34,312								
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TOTALS	272,285	280,159	274,451	274,414	272,313	270,420	270,8	
91 272,237 269,253								
266,380								
1								

SUMMARY OF INTEREST EXPENSE GENERATION FY 1997 REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2007	2008	2009	2010	2011	2012	20
13 2014 2015							
2016							

BUREAU OF RECLAMATION

BOISE			364	391	391	391	391	390	3
84	384	384							
384									
COLUMBIA BASIN			4,702	5,004	5,101	5,101	5,101	5,098	6,6
25	8,152	8,152							
8,152									
COLUMBIA BASIN - 3RD			28,578	28,578	28,578	28,578	28,578	28,578	28,5
78	28,578	26,371							
19,547									
HUNGRY HORSE			4,302	4,302	4,302	4,302	4,302	4,294	4,3
38	4,358	4,358							
4,358									
MINIDOKA			3,918	4,358	4,322	4,322	4,317	4,317	4,3
17	4,317	4,317							
4,317									
YAKIMA-CHANDLER			366	366	366	366	366	366	3
66	366	366							
373									
YAKIMA-ROZA			81	94	68	68	68	68	
68	68	68							
68									
TOTAL BUREAU			42,311	43,093	43,128	43,128	43,123	43,111	44,6
76	46,223	44,016							
37,199									

CORPS OF ENGINEERS

ALBENI FALLS			555	555	555	555	550	550	5
50	550	610							
599									
BONNEVILLE			5,961	6,082	6,082	6,082	8,178	10,296	10,3
33	10,329	10,329							
9,356									
BONNEVILLE - 2ND POW			25,688	25,688	25,688	25,688	25,688	25,688	25,6
88	25,688	25,688							

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25,688								
CHIEF JOSEPH	20,521	18,342	15,843	15,843	15,842	15,842	17,7	
26 19,609 19,609								
14,540								
COUGAR	904	904	905	906	906	906	9	
06 928 285								
285								
COLUMBIA RIVER FISH	11,319	11,319	11,319	11,319	11,319	11,319	11,3	
19 11,319 11,319								
11,319								
DETROIT-BIG CLIFF	264	264	264	265	264	264	2	
64 279 270								
270								
DWORSHAK	10,818	11,180	11,542	11,544	11,544	11,544	11,8	
72 12,187 12,187								
12,187								
GREEN PETER-FOSTER	2,222	2,333	2,384	2,384	2,384	2,411	2,4	
54 2,432 2,432								
2,432								
HILLS CREEK	781	798	798	798	798	817	1	
74 174 174								
174								
ICE HARBOR FISH BYPA								
ICE HARBOR	5,589	5,618	5,618	5,619	5,806	6,158	3,1	
75 3,175 1,715								
1,847								
JOHN DAY	18,616	18,616	18,616	19,461	20,303	20,303	20,3	
03 20,303 20,358								
20,303								
LIBBY	17,223	17,223	17,223	17,230	17,523	17,804	17,8	
04 17,804 6,078								
6,515								
LITTLE GOOSE FISH BY								
LITTLE GOOSE	9,466	9,495	9,466	9,466	9,788	10,106	10,3	
93 10,678 10,678								
7,210								
LOWER GRANITE FISH B								

LOWER MONUMENTAL FIS							
LOOKOUT POINT-DEXTER	600	600	600	600	600	600	6
00 600 631							
627							
LOST CREEK	999	1,001	1,001	1,001	1,001	1,045	1,0
90 1,090 1,090							
107							
LOWER GRANITE	12,367	12,375	12,383	12,631	12,878	12,877	13,1
68 13,459 13,719							
11,055							
LOWER MONUMENTAL	9,550	9,550	9,868	10,183	10,184	10,183	10,1
83 10,515 10,736							
10,736							
MCNARY	3,913	1,404	1,404	1,404	1,407	1,404	1,4
04 1,404 1,459							
1,474							
MCNARY FISH BYPASS							
STRUBE							
THE DALLES	14,426	14,978	13,898	12,010	9,349	8,499	9,0
01 9,505 9,507							
9,504							
TOTAL CORPS	171,782	168,325	165,457	164,989	166,312	168,616	168,4
07 172,028 158,874							
146,228							
LOWER SNAKE F AND W	16,422	16,464	16,492	16,492	16,507	16,492	16,6
17 16,621 16,624							
16,621							
BONNEVILLE POWER ADM							
TOTAL APPROPRIATIONS	230,515	227,882	225,077	224,609	225,942	228,219	229,7

00 234,872 219,514
200,048

BPA BORROWING

BPA PROGRAM	3,943	3,943	3,942	3,655	3,000	3,000	2,6
95 232							
BPA CONSERVATION	33,294	33,294	33,294	29,258	26,997	23,216	20,6
22 7,193 3,818							
3,818							
FISH, WILDLIFE & ENV	5,334	5,334	5,099	5,099	3,450	1,782	
BUREAU DIRECT FUND	6,698	6,698	6,698	6,698	6,069	4,073	4,0
73							
IRRIGATION ASSISTANC							
PREMIUMS			274	824	1,155	585	5,0
95 116							
0LESS							
0 AFUDC							
0 INTEREST INCOME	17,461	17,456	18,124	18,193	18,323	18,691	26,1
32 26,490 26,668							
27,450							
0TOTAL BPA BORROWING	31,808	31,813	31,183	27,341	22,348	13,965	6,3
53 -18,949 -22,850							
-23,632							
-----	-----	-----	-----	-----	-----	-----	-----
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TOTALS	262,323	259,695	256,260	251,950	248,290	242,184	236,0
53 215,923 196,664							
176,416							
1							

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 1997

REPAYMENT STUDY FOR 199

(ALL AMOUNTS IN \$1000)									
			2017	2018	2019	2020	2021	2022	20
23	2024	2025							
2026									
BUREAU OF RECLAMATION									
	BOISE		392	416	339	200	200	151	
	COLUMBIA BASIN		9,223	15,725	20,542	19,614	8,126	4,984	1,6
93	COLUMBIA BASIN - 3RD		13,534	5,072	2,802	2,802	2,802		
	HUNGRY HORSE		4,206	4,206	3,387	3,243	661	652	
93	MINIDOKA		4,518	4,702	4,552	1,281	543	359	
	YAKIMA-CHANDLER		374	374	374	328	144	144	
15	YAKIMA-ROZA		68	68	61	61	49	6	
	TOTAL BUREAU		32,315	30,563	32,057	27,529	12,525	6,296	1,7
86									
15									
CORPS OF ENGINEERS									
	ALBENI FALLS		599	599	458	385	256	256	
	BONNEVILLE	263	11,371	13,391	9,925	4,681	2,507	2,438	
		4							

2	BONNEVILLE - 2ND POW	21,981	4,870					
	CHIEF JOSEPH	5,390	6,609	7,359	5,791	2,885	478	
5	COUGAR	285	285	51	51	51	14	
	3 COLUMBIA RIVER FISH	11,319	11,319	8,396				
	DETROIT-BIG CLIFF 440	270	271	270	270	78	78	
1	DWORSHAK	12,172	12,246	11,363	11,259	10,811	6,491	2
68	GREEN PETER-FOSTER	2,491	1,705	466	352	251	144	
	HILLS CREEK	165	165	73	73	68	53	
	ICE HARBOR FISH BYPA							
	ICE HARBOR	1,979	1,980	1,268	731	469	322	
38	JOHN DAY	20,272	20,276	15,493	8,001	5,004	1,950	
	LIBBY	6,695	6,697	5,407	4,792	3,790	305	
	215							
162	LITTLE GOOSE FISH BY							
	LITTLE GOOSE	7,153	7,444	6,860	5,998	3,979	242	
4	LOWER GRANITE FISH B							
	LOWER MONUMENTAL FIS							
	LOOKOUT POINT-DEXTER	627	627	596	356	94	94	
	370							
	LOST CREEK	144	180	173	84	15	31	

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LOWER GRANITE	10,926	11,099	10,783	10,597	9,532	307	
11 1 76							
LOWER MONUMENTAL	7,826	7,814	7,441	5,910	844	203	
3 2							
MCNARY	1,474	1,475	1,344	1,342	168	168	
1,849							
MCNARY FISH BYPASS							
STRUBE							
THE DALLES	9,504	9,522	5,307	4,620	3,724	516	1
74 1							
TOTAL CORPS	132,643	118,574	93,033	65,293	44,526	14,090	4
62 448 2,780							
203							
LOWER SNAKE F AND W	16,621	15,965	1,428	606	540	540	3
89 15							
BONNEVILLE POWER ADM							
TOTAL APPROPRIATIONS	181,579	165,102	126,518	93,428	57,591	20,926	2,6
37 448 2,795							
218							
BPA BORROWING							
BPA PROGRAM							
BPA CONSERVATION	3,818						
FISH, WILDLIFE & ENV							
BUREAU DIRECT FUND							

IRRIGATION ASSISTANC

PREMIUMS

0 LESS
0 AFUDC

0 INTEREST INCOME	31,509	37,954	31,332	31,332	31,442	31,423	31,4
15 31,920	31,953						
31,974							
0 TOTAL BPA BORROWING	-27,691	-37,954	-31,332	-31,332	-31,442	-31,423	-31,4
15 -31,920	-31,953						
-31,974							

TOTALS	153,888	127,148	95,186	62,096	26,149	-10,497	-28,7
78 -31,472	-29,158						
-31,756							
1							

SUMMARY OF INTEREST EXPENSE GENERATION FY 1997 REPAYMENT STUDY FOR 199

6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2027	2028	2029	2030	2031	2032	20
33 2034	2035						
2036							

BUREAU OF RECLAMATION

BOISE 316 27

	COLUMBIA BASIN	1,370	4,748			
	COLUMBIA BASIN - 3RD					
	HUNGRY HORSE		306			1
90	MINIDOKA	21			67	
	YAKIMA-CHANDLER				27	
18	YAKIMA-ROZA		2			
3						
	TOTAL BUREAU	1,707	5,056		27	94
93						1
18						
	CORPS OF ENGINEERS					
	ALBENI FALLS	3		69		
	BONNEVILLE	73	70		107	510
2	BONNEVILLE - 2ND POW					
	CHIEF JOSEPH	1,555	342			149
	COUGAR					
	72					
	COLUMBIA RIVER FISH					
	DETROIT-BIG CLIFF			34		
	187					
	DWORSHAK			1		1
85	GREEN PETER-FOSTER	32	24			

	HILLS CREEK						69
	ICE HARBOR FISH BYPA						
	ICE HARBOR						493
	1						
6	JOHN DAY					93	
	LIBBY	1				5	2
	148						
68	LITTLE GOOSE FISH BY						
	LITTLE GOOSE	2	80			63	
	1	1					
	LOWER GRANITE FISH B						
	LOWER MONUMENTAL FIS						
	LOOKOUT POINT-DEXTER	1				29	
	242						
	LOST CREEK	22					
	LOWER GRANITE		51			2	
	145						
	LOWER MONUMENTAL			122			1
1	MCNARY	5				39	1
	987						
	MCNARY FISH BYPASS						
	STRUBE						
	THE DALLES			2,012		2	1
05	108						
1							

				Prtg.txt				
TOTAL CORPS		1,690	497	2,169	235	174	1,225	2
91	369	1,597						
77								
LOWER SNAKE F AND W			63			17	15	5
47								
BONNEVILLE POWER ADM								
TOTAL APPROPRIATIONS		3,397	5,616	2,169	235	218	1,334	1,0
31	369	1,597						
95								
BPA BORROWING								
BPA PROGRAM								
BPA CONSERVATION								
FISH, WILDLIFE & ENV								
BUREAU DIRECT FUND								
IRRIGATION ASSISTANC								
PREMIUMS								
OLESS								
0 AFUDC								
0 INTEREST INCOME		31,974	31,974	31,974	32,011	32,011	32,011	32,0
11	32,011	32,011						
32,011								
0TOTAL BPA BORROWING		-31,974	-31,974	-31,974	-32,011	-32,011	-32,011	-32,0
11	-32,011	-32,011						
-32,011								

TOTALS			-28,577	-26,358	-29,805	-31,776	-31,793	-30,677	-30,9
80	-31,642	-30,414							
	-31,916								
1									

SUMMARY OF INTEREST EXPENSE GENERATION FY 1997 REPAYMENT STUDY FOR 199
 6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2037	2038	2039	2040	2041	2042	20
43 2044 2045							
2046							
BUREAU OF RECLAMATION							
BOISE							
COLUMBIA BASIN	1,382	244					
COLUMBIA BASIN - 3RD							
HUNGRY HORSE							2
13 MINIDOKA	236					54	
YAKIMA-CHANDLER							
27 YAKIMA-ROZA		4					

TOTAL BUREAU	1,618	248		54	2
13					
27					
CORPS OF ENGINEERS					
ALBENI FALLS			3		
32					
BONNEVILLE	4			708	30
2,165					
BONNEVILLE - 2ND POW					
CHIEF JOSEPH	805	24			
COUGAR			5		
47					
COLUMBIA RIVER FISH					
DETROIT-BIG CLIFF				1	
12					
DWORSHAK	1				3
67	2				
GREEN PETER-FOSTER	111	54		40	
27					
HILLS CREEK	17			47	
ICE HARBOR FISH BYPA					
ICE HARBOR	69			382	
188					
JOHN DAY			1,326	4	
155					
LIBBY			2		
5					
287					
LITTLE GOOSE FISH BY					

LITTLE GOOSE			34				368	
1								
71								
LOWER GRANITE FISH B								
LOWER MONUMENTAL FIS								
LOOKOUT POINT-DEXTER					1			
17								
LOST CREEK		3						
LOWER GRANITE			19		1			
272								
LOWER MONUMENTAL					310		1	
81								
1								
MCNARY					4			
2		17						
1								
MCNARY FISH BYPASS								
STRUBE								
THE DALLES					1,307			5
54	1							
TOTAL CORPS		1,010	131	1,633	1,326	1,077	504	9
51	141	500						
2,713								
LOWER SNAKE F AND W			1	18				2
87								
15								
BONNEVILLE POWER ADM								

TOTAL APPROPRIATIONS	2,628	380	Prtg.txt 1,651	1,326	1,077	558	1,4
51 141 500							
2,755							

BPA BORROWING

BPA PROGRAM

BPA CONSERVATION

FISH, WILDLIFE & ENV

BUREAU DIRECT FUND

IRRIGATION ASSISTANC

PREMIUMS

0LESS

0 AFUDC

0 INTEREST INCOME	32,011	32,011	32,011	32,011	32,011	32,011	32,0
11 32,011 32,011							
32,011							
0TOTAL BPA BORROWING	-32,011	-32,011	-32,011	-32,011	-32,011	-32,011	-32,0
11 -32,011 -32,011							
-32,011							
	-----	-----	-----	-----	-----	-----	-----
-- ----- -----							

TOTALS	-29,383	-31,631	-30,360	-30,685	-30,934	-31,453	-30,5
60 -31,870 -31,511							
-29,256							
1							

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 1997

REPAYMENT STUDY FOR 199

(ALL AMOUNTS IN \$1000)

	2047
BUREAU OF RECLAMATION	
BOISE	28
COLUMBIA BASIN	5,590
COLUMBIA BASIN - 3RD	
HUNGRY HORSE	
MINIDOKA	117
YAKIMA-CHANDLER	
YAKIMA-ROZA	
TOTAL BUREAU	5,735
CORPS OF ENGINEERS	
ALBENI FALLS	
BONNEVILLE	1
BONNEVILLE - 2ND POW	
CHIEF JOSEPH	38
COUGAR	
COLUMBIA RIVER FISH	
DETROIT-BIG CLIFF	
DWORSHAK	
GREEN PETER-FOSTER	62
HILLS CREEK	
ICE HARBOR FISH BYPA	
ICE HARBOR	
JOHN DAY	
LIBBY	
LITTLE GOOSE FISH BY	
LITTLE GOOSE	

LOWER GRANITE FISH B	
LOWER MONUMENTAL FIS	
LOOKOUT POINT-DEXTER	
LOST CREEK	44
LOWER GRANITE	2
LOWER MONUMENTAL	
MCNARY	
MCNARY FISH BYPASS	
STRUBE	
THE DALLES	2
TOTAL CORPS	149
LOWER SNAKE F AND W	3
BONNEVILLE POWER ADM	
TOTAL APPROPRIATIONS	5,887
BPA BORROWING	
BPA PROGRAM	
BPA CONSERVATION	
FISH, WILDLIFE & ENV	
BUREAU DIRECT FUND	
IRRIGATION ASSISTANC	
PREMIUMS	
0LESS	
0 AFUDC	
0 INTEREST INCOME	32,011
0TOTAL BPA BORROWING	-32,011

TOTALS	-26,124
1	

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 1997

REPAYMENT STUDY FOR 199

	TOTALS
BUREAU OF RECLAMATION	
BOISE	8,534
COLUMBIA BASIN	184,124
COLUMBIA BASIN - 3RD	587,334
HUNGRY HORSE	88,201
MINIDOKA	91,289
YAKIMA-CHANDLER	6,685
YAKIMA-ROZA	1,763
TOTAL BUREAU	967,930
CORPS OF ENGINEERS	
ALBENI FALLS	21,543
BONNEVILLE	188,030
BONNEVILLE - 2ND POW	540,611
CHIEF JOSEPH	415,701
COUGAR	16,674
COLUMBIA RIVER FISH	255,020
DETROIT-BIG CLIFF	17,190
DWORSHAK	288,165
GREEN PETER-FOSTER	49,239
HILLS CREEK	13,353
ICE HARBOR FISH BYPA	
ICE HARBOR	103,599
JOHN DAY	432,819
LIBBY	351,543
LITTLE GOOSE FISH BY	
LITTLE GOOSE	216,155
LOWER GRANITE FISH B	
LOWER MONUMENTAL FIS	

LOOKOUT POINT-DEXTER	29,758
LOST CREEK	20,052
LOWER GRANITE	302,313
LOWER MONUMENTAL	222,837
MCNARY	128,691
MCNARY FISH BYPASS	
STRUBE	
THE DALLES	284,620
TOTAL CORPS	3,897,913
LOWER SNAKE F AND W	363,721
TOTAL APPROPRIATIONS	5,229,564
BONNEVILLE POWER ADM	
BPA BORROWING	
BPA PROGRAM	65,964
BPA CONSERVATION	629,978
FISH, WILDLIFE & ENV	96,811
BUREAU DIRECT FUND	107,387
IRRIGATION ASSISTANC	
PREMIUMS	12,940
0LESS	
0 AFUDC	
0 INTEREST INCOME	1,378,982
0TOTAL BPA BORROWING	-465,902
TOTALS	4,763,662

1
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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
1997	BPA CONSERVATION	80,200	1992	1997	80,200	80,200	.05800
	BPA PROGRAM	2,479	1992	2032	2,479	2,479	.08800
	BPA CONSERVATION	12,164	1994	1998	32,699	32,699	.07100

	TOTAL	94,843					
1998	BPA CONSERVATION	20,535	1994	1998	32,699	20,535	.07100
	BPA PROGRAM	11,016	1993	2033	11,016	11,016	.08350
	BPA CONSERVATION	14,255	1993	2013	50,000	50,000	.08050
	BPA CONSERVATION	45,186	1992	2007	100,000	100,000	.07140

	TOTAL	90,992					
1999	FISH, WILDLIFE & ENVIRONMENTAL	25,000	1989	1999	25,000	25,000	.08950
	BPA PROGRAM	1,410	1989	1999	1,410	1,410	.08950
R	BPA PROGRAM	424	1989	1999	424	424	.08950
	BPA CONSERVATION		1993	2013	50,000	35,745	.08050

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	3					
	BPA CONSERVATION	1992	2007	100,000	54,814	.07140
	13					

TOTAL
26,850

2000	BPA PROGRAM	1990	2030	29	29	.09250
	2					
	BPA CONSERVATION	1992	2007	100,000	54,801	.07140
	20,162					
	HUNGRY HORSE	1956	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1955	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1954	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1953	2003	17,228	17,228	.05950
	2,332					

TOTAL
22,550

2001	COLUMBIA BASIN	1958	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1959	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1960	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1961	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1962	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1963	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1964	2001	269	269	.05810
R	269					

		Prtg.txt				
R	COLUMBIA BASIN	1965	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1966	2001	270	270	.05810
	270					
R	COLUMBIA BASIN	1967	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1968	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1969	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1970	2001	269	269	.05810
	269					

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
	-----	-----	-----	-----	-----	-----	-----
R	COLUMBIA BASIN	270	1971	2001	270	270	.05810
R	COLUMBIA BASIN	269	1972	2001	269	269	.05810
R	COLUMBIA BASIN	269	1973	2001	269	269	.05810
R	COLUMBIA BASIN	269	1974	2001	269	269	.05810
R	COLUMBIA BASIN	269	1975	2001	269	269	.05810
R	COLUMBIA BASIN	269	1976	2001	270	270	.05810

		Prtg.txt				
R	270 COLUMBIA BASIN	1977	2001	269	269	.05810
R	269 COLUMBIA BASIN	1978	2001	269	269	.05810
R	269 COLUMBIA BASIN	1979	2001	269	269	.05810
R	269 COLUMBIA BASIN	1980	2001	269	269	.05810
R	269 COLUMBIA BASIN	1981	2001	270	270	.05810
R	270 COLUMBIA BASIN	1982	2001	269	269	.05810
R	269 COLUMBIA BASIN	1983	2001	269	269	.05810
R	269 COLUMBIA BASIN	1985	2001	245	245	.05810
	245 BOISE	1986	2001	93	93	.05810
	93 COLUMBIA BASIN	1986	2001	132	132	.05810
	132 COLUMBIA BASIN	1987	2001	13	13	.05810
	13 COLUMBIA BASIN	1951	2001	8,025	8,025	.05810
	8,025 COLUMBIA BASIN	1952	2001	269	269	.05810
R	269 COLUMBIA BASIN	1953	2001	269	269	.05810
R	269 COLUMBIA BASIN	1954	2001	269	269	.05810
R	269 COLUMBIA BASIN	1955	2001	269	269	.05810
R	269 COLUMBIA BASIN	1957	2001	269	269	.05810
R	269 COLUMBIA BASIN	1956	2001	270	270	.05810
R	270 BOISE	1996	2001	1	1	.05810

		Prtg.txt				
	GREEN PETER-FOSTER	1996	2001	8	8	.05810
	8					
	MINIDOKA	1996	2001	10	10	.05810
	10					
	BPA PROGRAM	1990	2030	29	27	.09250
	4					
	HUNGRY HORSE	1953	2003	17,228	14,896	.05950
	2,041					

	TOTAL					
	19,186					
2002	BPA CONSERVATION	1989	2002	66,000	66,000	.08650
	66,000					
	HUNGRY HORSE	1997	2002	6	6	.05810
	6					
	BPA PROGRAM	1990	2030	29	23	.09250
	2					
	HUNGRY HORSE	1953	2003	17,228	12,855	.05950
	12,551					

	TOTAL					
	78,559					

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
------------------------	--------	------------	-----	-------	-----	------

			Prtg.txt			
2003	HUNGRY HORSE		1957	2003	19	.05950
R		19				
	HUNGRY HORSE		1958	2003	19	.05950
R		19				
	HUNGRY HORSE		1959	2003	19	.05950
R		19				
	HUNGRY HORSE		1960	2003	19	.05950
R		19				
	HUNGRY HORSE		1961	2003	19	.05950
R		19				
	HUNGRY HORSE		1962	2003	19	.05950
R		19				
	HUNGRY HORSE		1963	2003	19	.05950
R		19				
	HUNGRY HORSE		1964	2003	18	.05950
R		18				
	HUNGRY HORSE		1965	2003	18	.05950
R		18				
	HUNGRY HORSE		1966	2003	18	.05950
R		18				
	HUNGRY HORSE		1967	2003	19	.05950
R		19				
	HUNGRY HORSE		1968	2003	19	.05950
R		19				
	HUNGRY HORSE		1969	2003	19	.05950
R		19				
	HUNGRY HORSE		1970	2003	19	.05950
R		19				
	HUNGRY HORSE		1971	2003	19	.05950
R		19				
	HUNGRY HORSE		1972	2003	19	.05950
R		19				
	HUNGRY HORSE		1973	2003	19	.05950
R		19				
	HUNGRY HORSE		1974	2003	18	.05950
R		18				

		Prtg.txt				
R	HUNGRY HORSE	18	1975	2003	18	18 .05950
R	HUNGRY HORSE	18	1976	2003	18	18 .05950
R	HUNGRY HORSE	19	1977	2003	19	19 .05950
R	HUNGRY HORSE	19	1978	2003	19	19 .05950
R	HUNGRY HORSE	19	1979	2003	19	19 .05950
R	HUNGRY HORSE	19	1980	2003	19	19 .05950
R	HUNGRY HORSE	19	1981	2003	19	19 .05950
R	HUNGRY HORSE	13	1983	2003	13	13 .05950
	DETROIT-BIG CLIFF	3,244	1953	2003	3,244	3,244 .05950
	HUNGRY HORSE	304	1953	2003	17,228	304 .05950
R	LOWER SNAKE F AND W	43	1998	2003	43	43 .05805
	BPA PROGRAM	2	1990	2030	29	21 .09250

	TOTAL	4,075				

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
2004	DETROIT-BIG CLIFF		1957	2004	19	19	.06000
	R	19					
	DETROIT-BIG CLIFF		1958	2004	20	20	.06000
	R	20					
	DETROIT-BIG CLIFF		1959	2004	19	19	.06000
	R	19					
	DETROIT-BIG CLIFF		1960	2004	20	20	.06000
	R	20					
	DETROIT-BIG CLIFF		1961	2004	19	19	.06000
	R	19					
	DETROIT-BIG CLIFF		1962	2004	20	20	.06000
	R	20					
	DETROIT-BIG CLIFF		1963	2004	19	19	.06000
	R	19					
	DETROIT-BIG CLIFF		1964	2004	20	20	.06000
	R	20					
	DETROIT-BIG CLIFF		1965	2004	19	19	.06000
	R	19					
	DETROIT-BIG CLIFF		1966	2004	20	20	.06000
	R	20					
	DETROIT-BIG CLIFF		1967	2004	19	19	.06000
	R	19					
	DETROIT-BIG CLIFF		1968	2004	20	20	.06000
	R	20					
	DETROIT-BIG CLIFF		1969	2004	19	19	.06000
	R	19					
	DETROIT-BIG CLIFF		1970	2004	20	20	.06000
	R	20					
	DETROIT-BIG CLIFF		1971	2004	19	19	.06000
	R	19					
	DETROIT-BIG CLIFF		1972	2004	20	20	.06000
	R	20					
	DETROIT-BIG CLIFF		1973	2004	19	19	.06000

							Prtg.txt
R		19					
	DETROIT-BIG	CLIFF	1974	2004	20	20	.06000
R		20					
	DETROIT-BIG	CLIFF	1975	2004	19	19	.06000
R		19					
	DETROIT-BIG	CLIFF	1976	2004	20	20	.06000
R		20					
	DETROIT-BIG	CLIFF	1977	2004	19	19	.06000
R		19					
	DETROIT-BIG	CLIFF	1978	2004	20	20	.06000
R		20					
	DETROIT-BIG	CLIFF	1979	2004	19	19	.06000
R		19					
	DETROIT-BIG	CLIFF	1980	2004	20	20	.06000
R		20					
	THE DALLES		1999	2004	38	38	.05805
R		38					
	DETROIT-BIG	CLIFF	1981	2004	19	19	.06000
R		19					
	DETROIT-BIG	CLIFF	1982	2004	20	20	.06000
R		20					
	DETROIT-BIG	CLIFF	1983	2004	19	19	.06000
R		19					
	DETROIT-BIG	CLIFF	1985	2004	6	6	.06000
		6					
	DETROIT-BIG	CLIFF	1987	2004	3	3	.06000
		3					
	DETROIT-BIG	CLIFF	1954	2004	21,373	21,373	.06000
		21,373					
	MCNARY		1954	2004	37,904	37,904	.06000
		37,904					
	DETROIT-BIG	CLIFF	1999	2004	2	2	.05805
R		2					
	DETROIT-BIG	CLIFF	1955	2004	19	19	.06000
R		19					
	DETROIT-BIG	CLIFF	1956	2004	20	20	.06000
R		20					
	BPA PROGRAM		1990	2030	29	19	.09250
		2					

BPA CONSERVATION	Prtg.txt				
10,911	1992	2007	100,000	34,639	.07140

TOTAL					
70,804					

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
	-----	-----	-----	-----	-----	-----	-----
2005	LOOKOUT POINT-DEXTER		1957	2005	54	54	.06050
R		54					
	ALBENI FALLS		1958	2005	12	12	.06050
R		12					
	LOOKOUT POINT-DEXTER		1958	2005	54	54	.06050
R		54					
	ALBENI FALLS		1959	2005	12	12	.06050
R		12					
	LOOKOUT POINT-DEXTER		1959	2005	54	54	.06050
R		54					
	ALBENI FALLS		1960	2005	11	11	.06050
R		11					
	LOOKOUT POINT-DEXTER		1960	2005	54	54	.06050
R		54					
	ALBENI FALLS		1961	2005	12	12	.06050
R		12					

		Prtg.txt				
R	LOOKOUT POINT-DEXTER 55	1961	2005	55	55	.06050
R	ALBENI FALLS 12	1962	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1962	2005	54	54	.06050
R	ALBENI FALLS 11	1963	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54	1963	2005	54	54	.06050
R	ALBENI FALLS 12	1964	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1964	2005	54	54	.06050
R	ALBENI FALLS 12	1965	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1965	2005	54	54	.06050
R	ALBENI FALLS 11	1966	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54	1966	2005	54	54	.06050
R	ALBENI FALLS 12	1967	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 55	1967	2005	55	55	.06050
R	ALBENI FALLS 12	1968	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1968	2005	54	54	.06050
R	ALBENI FALLS 11	1969	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54	1969	2005	54	54	.06050
R	ALBENI FALLS 12	1970	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1970	2005	54	54	.06050
R	ALBENI FALLS	1971	2005	12	12	.06050

		Prtg.txt				
R	12 LOOKOUT POINT-DEXTER	1971	2005	54	54	.06050
R	54 ALBENI FALLS	1972	2005	11	11	.06050
R	11 LOOKOUT POINT-DEXTER	1972	2005	54	54	.06050
R	54 ALBENI FALLS	1973	2005	12	12	.06050
R	12 LOOKOUT POINT-DEXTER	1973	2005	55	55	.06050
R	55 ALBENI FALLS	1974	2005	12	12	.06050
R	12 LOOKOUT POINT-DEXTER	1974	2005	54	54	.06050
R	54 ALBENI FALLS	1975	2005	11	11	.06050
R	11 LOOKOUT POINT-DEXTER	1975	2005	54	54	.06050
R	54 ALBENI FALLS	1976	2005	12	12	.06050
R	12 LOOKOUT POINT-DEXTER	1976	2005	54	54	.06050
R	54					

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____
_____	_____					

			Prtg.txt			
R	ALBENI FALLS		1977	2005	12	12 .06050
		12				
R	JOHN DAY		2000	2005	25	25 .05805
		25				
R	LOOKOUT POINT-DEXTER		1977	2005	54	54 .06050
		54				
R	ALBENI FALLS		1978	2005	11	11 .06050
		11				
R	LOOKOUT POINT-DEXTER		1978	2005	54	54 .06050
		54				
R	ALBENI FALLS		1979	2005	12	12 .06050
		12				
R	ALBENI FALLS		1957	2005	11	11 .06050
		11				
R	LOOKOUT POINT-DEXTER		1979	2005	55	55 .06050
		55				
R	ALBENI FALLS		1980	2005	12	12 .06050
		12				
R	LOOKOUT POINT-DEXTER		1980	2005	54	54 .06050
		54				
R	ALBENI FALLS		1981	2005	11	11 .06050
		11				
R	LOOKOUT POINT-DEXTER		1981	2005	54	54 .06050
		54				
R	ALBENI FALLS		1982	2005	12	12 .06050
		12				
R	LOOKOUT POINT-DEXTER		1982	2005	54	54 .06050
		54				
R	ALBENI FALLS		1983	2005	12	12 .06050
		12				
R	LOOKOUT POINT-DEXTER		1983	2005	54	54 .06050
		54				
R	ALBENI FALLS		1985	2005	7	7 .06050
		7				
R	LOOKOUT POINT-DEXTER		1985	2005	56	56 .06050
		56				
R	ALBENI FALLS		1986	2005	312	312 .06050
		312				
R	LOOKOUT POINT-DEXTER		1986	2005	45	45 .06050

		Prtg.txt				
	45					
	ALBENI FALLS	1987	2005	12	12	.06050
	12					
	LOOKOUT POINT-DEXTER	1987	2005	9	9	.06050
	9					
	LOST CREEK	1998	2005	1	1	.05945
R	1					
	ALBENI FALLS	1955	2005	17,950	17,950	.06050
	17,950					
	CHIEF JOSEPH	1955	2005	2,409	2,409	.06050
	2,409					
	JOHN DAY	1998	2005	4	4	.05945
R	4					
	LOOKOUT POINT-DEXTER	1955	2005	30,265	30,265	.06050
	30,265					
	MCNARY	1955	2005	56,972	56,972	.06050
	56,972					
	ALBENI FALLS	1956	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1956	2005	56	56	.06050
R	56					
	BPA PROGRAM	1990	2030	29	17	.09250
	1					
	BPA CONSERVATION	1992	2007	100,000	23,728	.07140
	612					

	TOTAL					
	110,525					

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
2006	BONNEVILLE		2001	2006	73	73	.05805
R		73					
	MCNARY	41,438	1956	2006	41,438	41,438	.06110
	LITTLE GOOSE	21	1999	2006	21	21	.05945
R		21					
	CHIEF JOSEPH	14,590	1956	2006	14,590	14,590	.06110
	COUGAR	2	1999	2006	2	2	.05945
R		2					
	BPA PROGRAM	2	1990	2030	29	16	.09250
	BPA CONSERVATION	23,116	1992	2007	100,000	23,116	.07140
	FISH, WILDLIFE & ENVIRONMENTAL	16,612	1993	2008	20,000	20,000	.06950
	MCNARY	26	1987	2007	26	26	.06130
	MCNARY	200	1986	2007	489	489	.06130
	TOTAL	96,080					
2007	THE DALLES		1999	2007	63	63	.05999
R		63					
	MCNARY	26,886	1957	2007	26,886	26,886	.06130
	MCNARY	503	1958	2007	503	503	.06130
R		503					
	MCNARY		1959	2007	503	503	.06130

			Prtg.txt			
R		503				
	MCNARY		1960	2007	503	503 .06130
R		503				
	MCNARY		1961	2007	503	503 .06130
R		503				
	MCNARY		1962	2007	502	502 .06130
R		502				
	MCNARY		1963	2007	503	503 .06130
R		503				
	MCNARY		1964	2007	503	503 .06130
R		503				
	MCNARY		1965	2007	503	503 .06130
R		503				
	MCNARY		1966	2007	503	503 .06130
R		503				
	MCNARY		1967	2007	502	502 .06130
R		502				
	MCNARY		1968	2007	503	503 .06130
R		503				
	MCNARY		1969	2007	503	503 .06130
R		503				
	MCNARY		1970	2007	503	503 .06130
R		503				
	MCNARY		1971	2007	503	503 .06130
R		503				
	MCNARY		1972	2007	503	503 .06130
R		503				
	MCNARY		1973	2007	502	502 .06130
R		502				
	MCNARY		1974	2007	503	503 .06130
R		503				
	MCNARY		1975	2007	503	503 .06130
R		503				
	MCNARY		1976	2007	503	503 .06130
R		503				
	MCNARY		1977	2007	502	502 .06130
R		502				
	CHIEF JOSEPH		1957	2007	42,597	42,597 .06130
	42,597					

		Prtg.txt				
R	MCNARY	503	1978	2007	503	.06130
R	MCNARY	503	1979	2007	503	.06130
R	MCNARY	503	1980	2007	503	.06130
R	MCNARY	503	1981	2007	503	.06130

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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	LOWER SNAKE F AND W		1999	2007	98	98	.05999
R	98						
	MCNARY		1982	2007	502	502	.06130
R	502						
	MCNARY		1983	2007	503	503	.06130
R	503						
	MCNARY		1985	2007	599	599	.06130
	599						
	MCNARY		1986	2007	489	289	.06130
	289						
	LOWER GRANITE		1999	2007	29	29	.05999
R	29						
	GREEN PETER-FOSTER		1999	2007	12	12	.05999
R	12						
	BPA PROGRAM		1990	2030	29	14	.09250

	2						
FISH, WILDLIFE & ENVIRONMENTAL	6	1993	2008	20,000	3,388	.06950	

TOTAL
83,654

2008	FISH, WILDLIFE & ENVIRONMENTAL	1993	2008	20,000	3,382	.06950	
	3,382						
	CHIEF JOSEPH	1958	2008	34,568	34,568	.06150	
	34,568						
	THE DALLES	1958	2008	36,829	36,829	.06150	
	36,829						
	YAKIMA-ROZA	1958	2008	577	577	.06150	
	577						
R	CHIEF JOSEPH	1959	2008	242	242	.06150	
	242						
R	CHIEF JOSEPH	1960	2008	242	242	.06150	
	242						
R	THE DALLES	2001	2008	42	42	.05945	
	42						
R	CHIEF JOSEPH	1961	2008	242	242	.06150	
	242						
R	CHIEF JOSEPH	1962	2008	242	242	.06150	
	242						
R	LOWER SNAKE F AND W	2003	2008	43	43	.05805	
	43						
R	CHIEF JOSEPH	1963	2008	243	243	.06150	
	243						
R	CHIEF JOSEPH	1964	2008	242	242	.06150	
	242						
R	CHIEF JOSEPH	1965	2008	242	242	.06150	
	242						
R	CHIEF JOSEPH	1966	2008	242	242	.06150	
	242						
R	CHIEF JOSEPH	1967	2008	242	242	.06150	
	242						
R	DWORSHAK	2001	2008	15	15	.05945	

		Prtg.txt				
R	15					
	CHIEF JOSEPH	1968	2008	243	243	.06150
R	243					
	CHIEF JOSEPH	1969	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1970	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1971	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1972	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1973	2008	243	243	.06150
R	243					
	CHIEF JOSEPH	1974	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1975	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1976	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1977	2008	242	242	.06150
R	242					
	MINIDOKA	1977	2008	61	61	.06150
R	61					
	CHIEF JOSEPH	1978	2008	243	243	.06150
R	243					

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT						
+						

	MINIDOKA		1978	2008	81	81	.06150
R		81					
	CHIEF JOSEPH		1979	2008	242	242	.06150
R		242					
	MINIDOKA		1979	2008	81	81	.06150
R		81					
	CHIEF JOSEPH		1980	2008	242	242	.06150
R		242					
	MINIDOKA		1980	2008	81	81	.06150
R		81					
	CHIEF JOSEPH		1981	2008	242	242	.06150
R		242					
	MINIDOKA		1981	2008	81	81	.06150
R		81					
	CHIEF JOSEPH		1982	2008	242	242	.06150
R		242					
	MINIDOKA		1982	2008	81	81	.06150
R		81					
	CHIEF JOSEPH		1983	2008	243	243	.06150
R		243					
	MINIDOKA		1983	2008	71	71	.06150
R		71					
	CHIEF JOSEPH		1985	2008	50	50	.06150
		50					
	MINIDOKA		1985	2008	23	23	.06150
		23					
	YAKIMA-ROZA		1985	2008	80	80	.06150
		80					
	MINIDOKA		1986	2008	23	23	.06150
		23					
	YAKIMA-ROZA		1986	2008	7	7	.06150
		7					
	MINIDOKA		1987	2008	17	17	.06150
		17					
	YAKIMA-ROZA		1987	2008	2	2	.06150
		2					
	LITTLE GOOSE		1998	2008	935	935	.06108

		Prtg.txt				
R	935					
	BPA PROGRAM	1990	2030	29	12	.09250
	7					

	TOTAL					
	83,192					
2009	BPA CONSERVATION	1989	2009	40,000	40,000	.08550
	40,000					
	THE DALLES	1999	2009	1	1	.06108
R	1					
	THE DALLES	2004	2009	38	38	.05805
R	38					
	THE DALLES	1959	2009	48,820	48,820	.05160
	48,820					
	LOWER MONUMENTAL	2001	2009	40	40	.05999
R	40					
	DETROIT-BIG CLIFF	2004	2009	2	2	.05805
R	2					
	GREEN PETER-FOSTER	2002	2009	15	15	.05945
R	15					
	LOWER MONUMENTAL	1999	2009	10	10	.06108
R	10					
	BPA PROGRAM	1990	2030	29	5	.09250
	5					
	BPA PROGRAM	1990	2030	96	96	.09250
R	96					
	BPA PROGRAM	1990	2030	3,008	3,008	.09250
	3,008					
	BPA CONSERVATION	1993	2013	50,000	35,742	.08050
	7,656					

	TOTAL					
	99,691					

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96 FINAL RATE PROPOSAL

GENERATION FY 1997

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
2010	FISH, WILDLIFE & ENVIRONMENTAL	22,900	1995	2010	22,900	22,900	.07200
	THE DALLES	43,044	1960	2010	43,044	43,044	.06180
R	JOHN DAY	25	2005	2010	25	25	.05805
R	LOWER GRANITE	22	2003	2010	22	22	.05945
R	JOHN DAY	36	2000	2010	36	36	.06108
R	DETROIT-BIG CLIFF	4	2003	2010	4	4	.05945
R	DETROIT-BIG CLIFF	28	2002	2010	28	28	.05999
R	ICE HARBOR	24	2002	2010	24	24	.05999
	ALBENI FALLS	57	1995	2010	57	57	.06180
	ALBENI FALLS	18	1995	2010	18	18	.06180
	BONNEVILLE	26	1995	2010	26	26	.06180
	THE DALLES	12	1995	2010	12	12	.06180
	MINIDOKA		1995	2010	85	85	.06180

	85					
	CHIEF JOSEPH	1995	2010	16	16	.06180
	16					
	BPA CONSERVATION	1993	2013	50,000	28,086	.08050
	28,086					
	BPA PROGRAM	1995	2025	8,509	8,509	.07700
	8,509					
	BUREAU DIRECT FUND	1995	2015	35,000	35,000	.07500
	8,387					

	TOTAL					
	111,279					
2011	FISH, WILDLIFE & ENVIRONMENTAL	1996	2011	24,000	24,000	.06950
	24,000					
	MCNARY	2004	2011	26	26	.05945
R	26					
	LOWER SNAKE F AND W	2004	2011	512	512	.05945
R	512					
	MCNARY	2003	2011	54	54	.05999
R	54					
	THE DALLES	1961	2011	10,499	10,499	.06200
	10,499					
	THE DALLES	1962	2011	62	62	.06200
R	62					
	LITTLE GOOSE	2001	2011	10	10	.06108
R	10					
	LOWER MONUMENTAL	2004	2011	21	21	.05945
R	21					
	THE DALLES	1963	2011	63	63	.06200
R	63					
	LOOKOUT POINT-DEXTER	2004	2011	13	13	.05945
R	13					
	THE DALLES	1964	2011	63	63	.06200
R	63					
	LIBBY	2004	2011	57	57	.05945
R	57					
	THE DALLES	1965	2011	62	62	.06200

		Prtg.txt				
R	ICE HARBOR	62	2004	2011	13	.05945
R	THE DALLES	13	1966	2011	63	.06200
R	LOOKOUT POINT-DEXTER	63	2003	2011	5	.05999
R	THE DALLES	5	1967	2011	63	.06200
R	HUNGRY HORSE	63	1996	2011	64	.06200
	THE DALLES	64	1968	2011	62	.06200
R	BONNEVILLE	62	2001	2011	98	.06108
R		98				

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	LITTLE GOOSE		2003	2011	36	36	.05999
R	THE DALLES	36	1969	2011	63	63	.06200
R	THE DALLES	63	1970	2011	63	63	.06200
R	THE DALLES	63	1971	2011	62	62	.06200
R		62					

			Prtg.txt				
R	THE DALLES	63	1972	2011	63	63	.06200
R	THE DALLES	63	1973	2011	63	63	.06200
R	THE DALLES	62	1974	2011	62	62	.06200
R	THE DALLES	63	1975	2011	63	63	.06200
R	BONNEVILLE	5	2004	2011	5	5	.05945
R	THE DALLES	63	1976	2011	63	63	.06200
R	COLUMBIA BASIN	47	1996	2011	47	47	.06200
R	THE DALLES	62	1977	2011	62	62	.06200
R	THE DALLES	63	1978	2011	63	63	.06200
R	THE DALLES	63	1979	2011	63	63	.06200
R	THE DALLES	62	1980	2011	62	62	.06200
R	THE DALLES	63	1981	2011	63	63	.06200
R	THE DALLES	63	1982	2011	63	63	.06200
R	THE DALLES	62	1983	2011	62	62	.06200
R	THE DALLES	106	1985	2011	106	106	.06200
	BOISE	13	1996	2011	13	13	.06200
	THE DALLES	105	1986	2011	105	105	.06200
	THE DALLES	1,567	1987	2011	1,567	1,567	.06200
R	HUNGRY HORSE	65	1996	2011	65	65	.06200
	LOWER GRANITE		1999	2011	19	19	.06146

		Prtg.txt				
R	19					
	BONNEVILLE	2006	2011	73	73	.05805
R	73					
	BUREAU DIRECT FUND	1995	2015	35,000	26,613	.07500
	26,613					
	BPA CONSERVATION	1995	2015	85,000	85,000	.07500
	50,407					

	TOTAL					
	115,806					
2012	FISH, WILDLIFE & ENVIRONMENTAL	1997	2012	27,000	27,000	.06600
	27,000					
	LOST CREEK	2005	2012	1	1	.05945
R	1					
	HILLS CREEK	1962	2012	10,304	10,304	.06220
	10,304					
	ICE HARBOR	1962	2012	49,280	49,280	.06220
	49,280					
	HILLS CREEK	1963	2012	14	14	.06220
R	14					
	ICE HARBOR	1963	2012	51	51	.06220
R	51					
	JOHN DAY	2005	2012	4	4	.05945
R	4					
	HILLS CREEK	1964	2012	14	14	.06220
R	14					
	ICE HARBOR	1964	2012	51	51	.06220
R	51					
	HILLS CREEK	1965	2012	14	14	.06220
R	14					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
R	ICE HARBOR	52	1965	2012	52	52	.06220
R	HILLS CREEK	14	1966	2012	14	14	.06220
R	ICE HARBOR	51	1966	2012	51	51	.06220
R	HILLS CREEK	14	1967	2012	14	14	.06220
R	ICE HARBOR	51	1967	2012	51	51	.06220
R	HILLS CREEK	14	1968	2012	14	14	.06220
R	ICE HARBOR	52	1968	2012	52	52	.06220
R	HILLS CREEK	14	1969	2012	14	14	.06220
R	ICE HARBOR	51	1969	2012	51	51	.06220
R	HILLS CREEK	14	1970	2012	14	14	.06220
R	ICE HARBOR	51	1970	2012	51	51	.06220
R	HILLS CREEK	14	1971	2012	14	14	.06220
R	ICE HARBOR	52	1971	2012	52	52	.06220
R	HILLS CREEK	14	1972	2012	14	14	.06220
R	ICE HARBOR	51	1972	2012	51	51	.06220

			Prtg.txt			
	GREEN PETER-FOSTER	1997	2012	75	75	.06200
	75					
	HILLS CREEK	1973	2012	14	14	.06220
R	14					
	ICE HARBOR	1973	2012	51	51	.06220
R	51					
	HILLS CREEK	1974	2012	14	14	.06220
R	14					
	ICE HARBOR	1974	2012	52	52	.06220
R	52					
	COUGAR	2004	2012	3	3	.05999
R	3					
	HILLS CREEK	1975	2012	14	14	.06220
R	14					
	ICE HARBOR	1975	2012	51	51	.06220
R	51					
	HILLS CREEK	1976	2012	14	14	.06220
R	14					
	ICE HARBOR	1976	2012	51	51	.06220
R	51					
	HILLS CREEK	1977	2012	14	14	.06220
R	14					
	ICE HARBOR	1977	2012	52	52	.06220
R	52					
	BOISE	1997	2012	89	89	.06200
	89					
	HILLS CREEK	1978	2012	14	14	.06220
R	14					
	ICE HARBOR	1978	2012	51	51	.06220
R	51					
	HILLS CREEK	1979	2012	14	14	.06220
R	14					
	ICE HARBOR	1979	2012	51	51	.06220
R	51					
	HILLS CREEK	1980	2012	14	14	.06220
R	14					
	ICE HARBOR	1980	2012	52	52	.06220
R	52					
	HILLS CREEK	1981	2012	14	14	.06220

			Prtg.txt				
R		14					
	ICE HARBOR		1981	2012	51	51	.06220
R		51					
	HILLS CREEK		1982	2012	14	14	.06220
R		14					
	ICE HARBOR		1982	2012	51	51	.06220
R		51					
	HILLS CREEK		1983	2012	14	14	.06220
R		14					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	ICE HARBOR		1983	2012	52	52	.06220
R		52					
	HILLS CREEK		1985	2012	7	7	.06220
		7					
	ICE HARBOR		1985	2012	46	46	.06220
		46					
	ICE HARBOR		1986	2012	152	152	.06220
		152					
	ICE HARBOR		1987	2012	4	4	.06220
		4					
	ICE HARBOR		2002	2012	72	72	.06108
R		72					
	BPA CONSERVATION		1995	2015	85,000	34,593	.07500
		34,593					

		Prtg.txt				
	BPA PROGRAM	1996	2041	15,798	15,798	.07240
	4,209					

	TOTAL					
	127,211					
2013	LITTLE GOOSE	2006	2013	21	21	.05945
R	21					
	BPA CONSERVATION	1993	2013	40,000	40,000	.06750
	40,000					
	BPA CONSERVATION	1993	2013	50,000	50,000	.07400
	50,000					
	LOWER SNAKE F AND W	2008	2013	43	43	.05805
R	43					
	LOWER SNAKE F AND W	2003	2013	933	933	.06108
R	933					
	DWORSHAK	2005	2013	34	34	.05999
R	34					
	LOWER SNAKE F AND W	1998	2013	1,008	1,008	.06203
R	1,008					
	BONNEVILLE	2001	2013	128	128	.06146
R	128					
	DWORSHAK	2003	2013	165	165	.06108
R	165					
	COUGAR	2006	2013	2	2	.05945
R	2					
	HUNGRY HORSE	1998	2013	402	402	.06203
R	402					
	GREEN PETER-FOSTER	1998	2013	700	700	.06203
R	700					
	BPA PROGRAM	1996	2041	15,798	11,589	.07240
	11,589					
	BUREAU DIRECT FUND	1996	2041	39,700	39,700	.07240
	39,700					
	BUREAU DIRECT FUND	1997	2042	17,300	17,300	.06930
	17,300					
	BPA PROGRAM	1997	2042	12,670	12,670	.06930
	12,670					

	Prtg.txt				
BPA CONSERVATION	1996	2016	99,700	99,700	.07050
99,700					
BPA PROGRAM	1994	2034	14,278	14,278	.06850
10,890					

TOTAL					
285,285					

2014	THE DALLEES	2009	2014	38	38	.05805
R	38					
	DETROIT-BIG CLIFF	2009	2014	2	2	.05805
R	2					
	BPA CONSERVATION	1994	2014	50,000	50,000	.06750
	50,000					
	COUGAR	1964	2014	10,173	10,173	.06260
	10,173					
	COUGAR	1965	2014	22	22	.06260
R	22					
	COUGAR	1966	2014	22	22	.06260
R	22					
	COUGAR	1967	2014	22	22	.06260
R	22					
	COUGAR	1968	2014	22	22	.06260
R	22					
	COUGAR	1969	2014	22	22	.06260
R	22					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

PROJECT IN-SERVICE DUE GROSS NET RATE

REPLACEMENT		AMOUNT	Prtg.txt				
+							
	COUGAR		1970	2014	22	22	.06260
R		22					
	COUGAR		1971	2014	22	22	.06260
R		22					
	DETROIT-BIG CLIFF		2004	2014	21	21	.06108
R		21					
	COUGAR		1972	2014	22	22	.06260
R		22					
	COUGAR		1973	2014	22	22	.06260
R		22					
	COUGAR		1974	2014	22	22	.06260
R		22					
	COUGAR		1975	2014	22	22	.06260
R		22					
	COUGAR		1976	2014	22	22	.06260
R		22					
	COUGAR		1977	2014	22	22	.06260
R		22					
	COUGAR		1978	2014	22	22	.06260
R		22					
	COUGAR		1979	2014	22	22	.06260
R		22					
	COUGAR		1980	2014	22	22	.06260
R		22					
	DETROIT-BIG CLIFF		2002	2014	15	15	.06146
R		15					
	COUGAR		1981	2014	22	22	.06260
R		22					
	COUGAR		1982	2014	22	22	.06260
R		22					
	COUGAR		1983	2014	22	22	.06260
R		22					
	COUGAR		1985	2014	1	1	.06260
R		1					
	LOWER MONUMENTAL		1999	2014	1,817	1,817	.06203

		Prtg.txt				
R	1,817					
	COUGAR	1986	2014	117	117	.06260
	117					
	COUGAR	1987	2014	51	51	.06260
	51					
	DETROIT-BIG CLIFF	1999	2014	261	261	.06203
R	261					
	DETROIT-BIG CLIFF	1999	2014	81	81	.06203
R	81					
	BPA PROGRAM	1994	2034	14,278	3,388	.06850
	3,388					
	LIBBY	1989	2026	1	1	.06490
	1					
	LIBBY	1987	2026	2	2	.06490
	2					
	LIBBY	1986	2026	311	311	.06490
	311					
	LIBBY	1985	2026	570	570	.06490
	570					
	ICE HARBOR	1985	2026	23	23	.06490
	23					
	LIBBY	1983	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1982	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1981	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1980	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1979	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1978	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1977	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1976	2026	168,661	168,661	.06490
	168,661					
	ICE HARBOR	1976	2026	22,486	22,486	.06490
	22,486					

COLUMBIA BASIN - 3RD PWR HOUSE Prtg.txt
 33,992 1976 2026 45,432 45,432 .06490

 TOTAL
 303,699

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
2015	MCNARY		2005	2015	146	146	.06108
R		146					
	THE DALLES		2007	2015	63	63	.05999
R		63					
	THE DALLES		2008	2015	42	42	.05945
R		42					
	LOWER GRANITE		2005	2015	801	801	.06108
R		801					
	LOOKOUT POINT-DEXTER		2005	2015	95	95	.06108
R		95					
	MCNARY		2003	2015	91	91	.06146
R		91					
	DWORSHAK		2008	2015	15	15	.05945
R		15					
	LOWER SNAKE F AND W		2007	2015	98	98	.05999
R		98					

		Prtg.txt				
R	ALBENI FALLS	2005	2015	1,005	1,005	.06108
	1,005					
R	LOWER GRANITE	2007	2015	29	29	.05999
	29					
R	LOOKOUT POINT-DEXTER	2003	2015	35	35	.06146
	35					
R	LOOKOUT POINT-DEXTER	2000	2015	67	67	.06203
	67					
R	LIBBY	2000	2015	173	173	.06203
	173					
R	JOHN DAY	2000	2015	1,757	1,757	.06203
	1,757					
R	JOHN DAY	2010	2015	25	25	.05805
	25					
R	GREEN PETER-FOSTER	2007	2015	12	12	.05999
	12					
R	ALBENI FALLS	2000	2015	48	48	.06203
	48					
R	ALBENI FALLS	2003	2015	109	109	.06146
	109					
R	LOOKOUT POINT-DEXTER	2000	2015	384	384	.06203
	384					
R	MCNARY	2000	2015	411	411	.06203
	411					
R	COLUMBIA BASIN - 3RD PWR HOUSE	1976	2026	45,432	11,440	.06490
	11,440					
	LOST CREEK	1987	2027	5	5	.06490
	5					
	LOST CREEK	1986	2027	7	7	.06490
	7					
	LOST CREEK	1985	2027	14	14	.06490
	14					
	LOST CREEK	1983	2027	66	66	.06490
R	66					
	LOST CREEK	1982	2027	66	66	.06490
R	66					
	LOST CREEK	1981	2027	66	66	.06490
R	66					
	LOST CREEK	1980	2027	66	66	.06490

		Prtg.txt					
R	66						
	LOST CREEK	1979	2027	66	66	.06490	
R	66						
	LOST CREEK	1978	2027	64	64	.06490	
R	64						
	LOST CREEK	1977	2027	14,755	14,755	.06490	
	14,755						
	COLUMBIA BASIN - 3RD PWR HOUSE	1977	2027	47,042	47,042	.06490	
	47,042						
	CHIEF JOSEPH	1977	2027	33,539	33,539	.06490	
	33,539						
	BONNEVILLE	1977	2027	17,225	17,225	.06490	
	17,225						
	LITTLE GOOSE	1985	2028	51	51	.06490	
	51						
	LOWER GRANITE	1978	2028	44,276	44,276	.06490	
	44,276						
	LITTLE GOOSE	1978	2028	54,052	54,052	.06490	
	54,052						
	COLUMBIA BASIN - 3RD PWR HOUSE	1978	2028	46,671	46,671	.06490	
	46,671						

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____
CHIEF JOSEPH	44,550	1978	2028	83,229	83,229	.06490

 TOTAL
 319,427

2016	YAKIMA-CHANDLER	2001	2016	22	22	.06203
R	22					
	LITTLE GOOSE	2001	2016	1,399	1,399	.06203
R	1,399					
	LIBBY	2006	2016	57	57	.06108
R	57					
	BONNEVILLE	2011	2016	73	73	.05805
R	73					
	BONNEVILLE	2001	2016	2,261	2,261	.06203
R	2,261					
	GREEN PETER-FOSTER	2009	2016	15	15	.05945
R	15					
	YAKIMA-CHANDLER	2006	2016	52	52	.06108
R	52					
	CHIEF JOSEPH	1978	2028	83,229	38,679	.06490
	38,679					
	LOWER GRANITE	1994	2029	1,687	1,687	.06490
	1,687					
	LIBBY	1994	2029	312	312	.06490
	312					
	LIBBY	1994	2029	237	237	.06490
R	237					
	CHIEF JOSEPH	1990	2029	4,958	4,958	.06490
	4,958					
	CHIEF JOSEPH	1989	2029	2,451	2,451	.06490
	2,451					
	CHIEF JOSEPH	1988	2029	2,996	2,996	.06490
	2,996					
	CHIEF JOSEPH	1987	2029	3,341	3,341	.06490
	3,341					
	CHIEF JOSEPH	1986	2029	5,902	5,902	.06490
	5,902					
	LOWER MONUMENTAL	1999	2029	222	222	.06490
R	222					

		Prtg.txt				
	LOWER MONUMENTAL	1985	2029	279	279	.06490
	279					
	CHIEF JOSEPH	1985	2029	18,018	18,018	.06490
	18,018					
	LOWER MONUMENTAL	1979	2029	44,355	44,355	.06490
	44,355					
	COLUMBIA BASIN - 3RD PWR HOUSE	1979	2029	92,643	92,643	.06490
	92,643					
	CHIEF JOSEPH	1979	2029	66,118	66,118	.06490
	66,118					
	LIBBY	1995	2030	3,291	3,291	.06490
	3,291					
	LIBBY	1995	2030	97	97	.06490
	97					
	LIBBY	1995	2030	16	16	.06490
	16					
	LIBBY	1995	2030	42	42	.06490
R	42					
	BONNEVILLE	1995	2030	60	60	.06490
	60					
	JOHN DAY	2000	2030	476	476	.06490
R	476					
	COLUMBIA BASIN	1995	2030	367	367	.06490
R	367					
	DWORSHAK	1995	2030	227	227	.06490
	227					
	HUNGRY HORSE	1995	2030	553	553	.06490
R	553					
	HUNGRY HORSE	1995	2030	1,275	1,275	.06490
R	1,275					
	HUNGRY HORSE	1995	2030	513	513	.06490
R	513					
	LOWER GRANITE	1996	2031	330	330	.06490
	330					
	BOISE	1996	2031	238	238	.06490
	238					
	BONNEVILLE - 2ND POWER HOUSE	1981	2031	45,122	45,122	.06490
	45,122					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	R	COLUMBIA BASIN 118	1996	2031	118	118	.06490
		HILLS CREEK 137	1996	2031	137	137	.06490
	R	LITTLE GOOSE 218	2001	2031	218	218	.06490
		BONNEVILLE - 2ND POWER HOUSE 12,004	1982	2032	224,281	224,281	.06490
		----- TOTAL 351,161					
2017	R	MINIDOKA 109	2002	2017	109	109	.06203
		BPA CONSERVATION 56,900	1997	2017	56,900	56,900	.06710
	R	LOWER GRANITE 22	2010	2017	22	22	.05945
	R	MINIDOKA 14	2007	2017	14	14	.06108
		COLUMBIA BASIN 858	1967	2017	858	858	.06320
		GREEN PETER-FOSTER	1967	2017	13,547	13,547	.06320

			Prtg.txt			
	13,547					
R	LOST CREEK	2007	2017	4	4	.06108
	4					
	LOWER GRANITE	1995	2017	404	404	.06320
	404					
	LOWER GRANITE	1995	2017	475	475	.06320
	475					
	LOWER GRANITE	1995	2017	79	79	.06320
	79					
	GREEN PETER-FOSTER	2007	2017	19	19	.06108
R	19					
	CHIEF JOSEPH	2007	2017	34	34	.06108
R	34					
	CHIEF JOSEPH	2002	2017	1,189	1,189	.06203
R	1,189					
	DETROIT-BIG CLIFF	2010	2017	4	4	.05945
R	4					
	LOWER MONUMENTAL	2009	2017	40	40	.05999
R	40					
	BOISE	2002	2017	11	11	.06203
R	11					
	BONNEVILLE - 2ND POWER HOUSE	1982	2032	224,281	212,277	.06490
	212,277					
	CHIEF JOSEPH	1997	2032	361	361	.06490
	361					
	COLUMBIA BASIN	1997	2032	416	416	.06490
R	416					
	DWORSHAK	1997	2032	128	128	.06490
	128					
	LOWER MONUMENTAL	1997	2032	188	188	.06490
	188					
	MINIDOKA	1997	2032	188	188	.06490
	188					
	THE DALLES	1997	2032	513	513	.06490
	513					
	BONNEVILLE - 2ND POWER HOUSE	1990	2033	1,750	1,750	.06490
	1,750					
	COLUMBIA BASIN - 3RD PWR HOUSE	1989	2033	12,026	12,026	.06490
	12,026					

	Prtg.txt					
BONNEVILLE - 2ND POWER HOUSE	1989	2033	1,357	1,357	.06490	
1,357						
COLUMBIA BASIN - 3RD PWR HOUSE	1988	2033	4,800	4,800	.06490	
4,800						
BONNEVILLE - 2ND POWER HOUSE	1988	2033	1,402	1,402	.06490	
1,402						
COLUMBIA BASIN - 3RD PWR HOUSE	1987	2033	15,928	15,928	.06490	
15,928						
BONNEVILLE - 2ND POWER HOUSE	1987	2033	3,088	3,088	.06490	
3,088						
COLUMBIA BASIN - 3RD PWR HOUSE	1986	2033	17,139	17,139	.06490	
17,139						
BONNEVILLE - 2ND POWER HOUSE	1986	2033	33,705	33,705	.06490	
33,705						
COLUMBIA BASIN - 3RD PWR HOUSE	1985	2033	118	118	.06490	
118						

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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
COLUMBIA BASIN - 3RD PWR HOUSE	46,077	1985	2033	46,077	46,077	.06490
BONNEVILLE - 2ND POWER HOUSE	10,072	1985	2033	10,072	10,072	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	14,552	1984	2033	14,552	14,552	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	18,714	1984	2033	18,714	18,714	.06490

			Prtg.txt			
	18,714					
	LOWER SNAKE F AND W	1983	2033	10,870	10,870	.06490
	10,870					
	COLUMBIA BASIN - 3RD PWR HOUSE	1983	2033	14,343	14,343	.06490
	1,026					

TOTAL
480,404

2018	MCNARY	2011	2018	26	26	.05945
R	26					
	YAKIMA-ROZA	1998	2018	7	7	.06299
R	7					
	YAKIMA-ROZA	2003	2018	2	2	.06203
R	2					
	THE DALLES	2003	2018	1,629	1,629	.06203
R	1,629					
	LOWER SNAKE F AND W	2011	2018	512	512	.05945
R	512					
	LOWER MONUMENTAL	2011	2018	21	21	.05945
R	21					
	LITTLE GOOSE	2008	2018	935	935	.06108
R	935					
	LOOKOUT POINT-DEXTER	2011	2018	13	13	.05945
R	13					
	LOWER SNAKE F AND W	2013	2018	43	43	.05805
R	43					
	LIBBY	2011	2018	57	57	.05945
R	57					
	COLUMBIA BASIN	1998	2018	4,745	4,745	.06299
R	4,745					
	ICE HARBOR	2011	2018	13	13	.05945
R	13					
	CHIEF JOSEPH	1998	2018	590	590	.06299
R	590					
	BONNEVILLE	2011	2018	5	5	.05945
R	5					
	GREEN PETER-FOSTER	1968	2018	13,828	13,828	.06340

		Prtg.txt				
	13,828					
	JOHN DAY	1968	2018	24,619	24,619	.06340
	24,619					
	GREEN PETER-FOSTER	1969	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1970	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1971	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1972	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1973	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1974	2018	45	45	.06340
R	45					
	DWORSHAK	2003	2018	2,631	2,631	.06203
R	2,631					
	GREEN PETER-FOSTER	1975	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1976	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1977	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1978	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1979	2018	45	45	.06340
R	45					
	LITTLE GOOSE	1998	2018	174	174	.06299
R	174					
	GREEN PETER-FOSTER	1980	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1981	2018	45	45	.06340
R	45					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	ICE HARBOR		2010	2018	24	24	.05999
R		24					
	GREEN PETER-FOSTER		1982	2018	45	45	.06340
R		45					
	DETROIT-BIG CLIFF		2010	2018	28	28	.05999
R		28					
	GREEN PETER-FOSTER		1983	2018	45	45	.06340
R		45					
	GREEN PETER-FOSTER		1985	2018	19	19	.06340
		19					
	GREEN PETER-FOSTER		1986	2018	3	3	.06340
		3					
	JOHN DAY		2006	2018	140	140	.06146
R		140					
	LOWER GRANITE		1998	2018	281	281	.06299
R		281					
	GREEN PETER-FOSTER		1987	2018	2	2	.06340
		2					
	COLUMBIA BASIN - 3RD PWR HOUSE		1983	2033	14,343	13,317	.06490
		13,317					
	COLUMBIA BASIN - 3RD PWR HOUSE		1983	2033	786	786	.06490
		786					
	BONNEVILLE - 2ND POWER HOUSE		1983	2033	68,791	68,791	.06490
		68,791					
	COLUMBIA BASIN - 3RD PWR HOUSE		1990	2033	7,041	7,041	.06490
		7,041					
	COUGAR		1999	2034	2,223	2,223	.06490
R		2,223					
	JOHN DAY		1995	2035	54	54	.06490

			Prtg.txt			
	54					
R	JOHN DAY	1995	2035	23	23	.06490
	23					
	LOWER SNAKE F AND W	1985	2035	52,317	52,317	.06490
	52,317					
	JOHN DAY	1995	2035	124	124	.06490
	124					
	BONNEVILLE	1995	2035	113	113	.06490
	113					
	LOOKOUT POINT-DEXTER	1995	2035	146	146	.06490
	146					
	LOOKOUT POINT-DEXTER	1995	2035	17	17	.06490
	17					
	LOWER GRANITE	2005	2035	601	601	.06490
R	601					
	ICE HARBOR	1996	2036	356	356	.06490
	356					
	ICE HARBOR	1996	2036	189	189	.06490
	189					
	LOWER SNAKE F AND W	1987	2037	79,262	79,262	.06490
	79,262					
R	COLUMBIA BASIN	2007	2037	1,795	1,795	.06490
	1,795					
R	GREEN PETER-FOSTER	2002	2037	3,387	3,387	.06490
	3,387					
R	LOST CREEK	2007	2037	15	15	.06490
	15					
R	MINIDOKA	2007	2037	61	61	.06490
	61					
R	LOWER SNAKE F AND W	1988	2038	880	880	.06490
	880					
	LIBBY	1988	2038	19,842	19,842	.06490
	19,842					
	YAKIMA-ROZA	1998	2038	108	108	.06490
R	108					
R	GREEN PETER-FOSTER	2003	2038	1,667	1,667	.06490
	1,667					
R	COLUMBIA BASIN	2008	2038	2,015	2,015	.06490
	2,015					

		Prtg.txt				
	THE DALLES	1999	2039	39,113	39,113	.06490
R	39,113					
	LOWER MONUMENTAL	2004	2039	9,258	9,258	.06490
R	9,258					
	LITTLE GOOSE	1995	2040	766	766	.06490
	766					
	LITTLE GOOSE	1995	2040	17	17	.06490
	17					
	LITTLE GOOSE	1995	2040	353	353	.06490
R	353					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	LOWER SNAKE F AND W		1990	2040	1,703	1,703	.06490
	1,703						
R	JOHN DAY	40,801	2005	2040	40,801	40,801	.06490
	LITTLE GOOSE		2006	2041	11,298	11,298	.06490
R	11,298						
	LOWER SNAKE F AND W		1991	2041	4,827	4,827	.06490
	4,827						
R	ICE HARBOR	10,415	2002	2042	10,415	10,415	.06490
	HILLS CREEK		2002	2042	1,420	1,420	.06490
R	1,420						
	HUNGRY HORSE		2013	2043	406	406	.06490

			Prtg.txt				
R	406						
	LOWER SNAKE F AND W	1993	2043	78,440	78,440	.06490	
	78,440						
	HUNGRY HORSE	1998	2043	5,779	5,779	.06490	
R	5,779						
	DWORSHAK	2008	2043	11,146	11,146	.06490	
R	11,146						
	THE DALLES	2008	2043	17,056	17,056	.06490	
R	17,056						
	LOWER SNAKE F AND W	2013	2043	1,991	1,991	.06490	
R	1,991						
	COLUMBIA BASIN - 3RD PWR HOUSE	1994	2044	13,832	13,832	.06490	
	13,832						
	CHIEF JOSEPH	1994	2044	4,399	4,399	.06490	
	4,399						
	BONNEVILLE - 2ND POWER HOUSE	1994	2044	6,242	6,242	.06490	
	6,242						
	COUGAR	2004	2044	1,393	1,393	.06490	
R	1,393						
	LOWER SNAKE F AND W	1994	2044	5,059	5,059	.06490	
	5,059						
	ALBENI FALLS	1995	2045	1,158	1,158	.06490	
	1,158						
	ALBENI FALLS	1995	2045	550	550	.06490	
	550						
	ALBENI FALLS	1995	2045	461	461	.06490	
	461						
	BONNEVILLE	1995	2045	3,953	3,953	.06490	
	3,953						
	BONNEVILLE	1995	2045	425	425	.06490	
	425						
	JOHN DAY	1995	2045	7,943	7,943	.06490	
	7,943						
	BONNEVILLE	1995	2045	345	345	.06490	
R	345						
	M McNARY	1995	2045	542	542	.06490	
	542						
	LOOKOUT POINT-DEXTER	1995	2045	180	180	.06490	
	180						

		Prtg.txt				
R	BONNEVILLE	432	1995	2045	432	432 .06490
	BONNEVILLE	496	1995	2045	496	496 .06490
R	JOHN DAY	631	1995	2045	631	631 .06490
	LOOKOUT POINT-DEXTER	10	1995	2045	10	10 .06490
	CHIEF JOSEPH	822	1995	2045	822	822 .06490
	CHIEF JOSEPH	739	1995	2045	739	739 .06490
	CHIEF JOSEPH	151	1995	2045	151	151 .06490
R	LOOKOUT POINT-DEXTER	87	1995	2045	87	87 .06490
R	CHIEF JOSEPH	584	1995	2045	584	584 .06490
	M McNARY	16	1995	2045	16	16 .06490
	LOOKOUT POINT-DEXTER	36	1995	2045	36	36 .06490
	COLUMBIA BASIN	908	1995	2045	908	908 .06490
	COLUMBIA BASIN	519	1995	2045	519	519 .06490

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
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		Prtg.txt				
	LOST CREEK	1995	2045	97	97	.06490
R	97					
	COLUMBIA BASIN	1995	2045	384	384	.06490
R	384					
	COLUMBIA RIVER FISH MITIGATION	1995	2045	45,036	45,036	.06490
	45,036					
	DWORSHAK	1995	2045	1,202	1,202	.06490
	1,202					
	LOWER MONUMENTAL	1995	2045	1,162	1,162	.06490
	1,162					
	HUNGRY HORSE	1995	2045	6,433	6,433	.06490
	6,433					
	LOWER MONUMENTAL	1995	2045	43	43	.06490
	43					
	LOWER GRANITE	2010	2045	7,610	7,610	.06490
R	7,610					
	LOWER MONUMENTAL	1995	2045	625	625	.06490
	625					
	LOWER MONUMENTAL	1995	2045	101	101	.06490
	101					
	BOISE	1996	2046	480	480	.06490
	480					
	MCNARY	1996	2046	1,475	1,475	.06490
	1,475					
	BOISE	1996	2046	714	714	.06490
	714					
	BONNEVILLE	1996	2046	43,359	43,359	.06490
	43,359					
	BONNEVILLE	1996	2046	2,144	2,144	.06490
	2,144					
	MINIDOKA	1996	2046	2,255	2,255	.06490
	2,255					
	BONNEVILLE	1996	2046	2,144	2,144	.06490
R	2,144					
	THE DALLES	1996	2046	15,810	15,810	.06490
	9,086					

TOTAL						
717,204						
2019	THE DALLES	2014	2019	38	38	.05805
R	38					
	LOST CREEK	2012	2019	1	1	.05945
R	1					
	ICE HARBOR	1995	2019	87	87	.06360
	87					
	THE DALLES	2007	2019	8	8	.06146
R	8					
	THE DALLES	1999	2019	1,102	1,102	.06299
R	1,102					
	THE DALLES	2004	2019	1,121	1,121	.06203
R	1,121					
	THE DALLES	2009	2019	1	1	.06108
R	1					
	MCNARY	2011	2019	54	54	.05999
R	54					
	LOWER MONUMENTAL	2009	2019	10	10	.06108
R	10					
	JOHN DAY	2012	2019	4	4	.05945
R	4					
	LOOKOUT POINT-DEXTER	2011	2019	5	5	.05999
R	5					
	LITTLE GOOSE	2011	2019	36	36	.05999
R	36					
	DETROIT-BIG CLIFF	2014	2019	2	2	.05805
R	2					
	LOWER SNAKE F AND W	2007	2019	468	468	.06146
R	468					
	ICE HARBOR	1995	2019	178	178	.06360
	178					
	JOHN DAY	1969	2019	108,929	108,929	.06360
	108,929					
	LOWER MONUMENTAL	1969	2019	28,431	28,431	.06360
	28,431					

	ICE HARBOR	883	Prtg.txt 1995	2019	883	883	.06360
R	LOWER MONUMENTAL	278	1999	2019	278	278	.06299

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PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
THE DALLES	6,724	1996	2046	15,810	6,724	.06490
JOHN DAY	11,249	1996	2046	11,249	11,249	.06490
BONNEVILLE	2,241	1996	2046	2,241	2,241	.06490
THE DALLES	2,780	1996	2046	2,780	2,780	.06490
ALBENI FALLS	781	1996	2046	781	781	.06490
CHIEF JOSEPH	526	1996	2046	526	526	.06490
CHIEF JOSEPH	647	1996	2046	647	647	.06490
LOOKOUT POINT-DEXTER	1,140	1996	2046	1,140	1,140	.06490
COLUMBIA BASIN	368	1996	2046	368	368	.06490
COLUMBIA BASIN		1996	2046	251	251	.06490

			Prtg.txt			
	251					
	LOOKOUT POINT-DEXTER	1996	2046	2,560	2,560	.06490
	2,560					
	LIBBY	1996	2046	531	531	.06490
	531					
	COLUMBIA BASIN	1996	2046	1,188	1,188	.06490
R	1,188					
	LOWER MONUMENTAL	1996	2046	894	894	.06490
	894					
	COLUMBIA BASIN	1996	2046	435	435	.06490
	435					
	COLUMBIA BASIN	1996	2046	5,428	5,428	.06490
R	5,428					
	BOISE	1996	2046	1,258	1,258	.06490
R	1,258					
	HUNGRY HORSE	1996	2046	1,758	1,758	.06490
	1,758					
	COLUMBIA BASIN	1996	2046	1,733	1,733	.06490
	1,733					
	LOWER SNAKE F AND W	1996	2046	8,555	8,555	.06490
	8,555					
	COLUMBIA RIVER FISH MITIGATION	1996	2046	55,608	55,608	.06490
	55,608					
	JOHN DAY	1996	2046	3,148	3,148	.06490
	3,148					
	DWORSHAK	1996	2046	535	535	.06490
	535					
	DWORSHAK	1996	2046	1,065	1,065	.06490
	1,065					
	LIBBY	1996	2046	2,050	2,050	.06490
	2,050					
	LITTLE GOOSE	1996	2046	4,463	4,463	.06490
	4,463					
	BONNEVILLE	2011	2046	64,487	64,487	.06490
R	64,487					
	ICE HARBOR	2011	2046	5,807	5,807	.06490
R	5,807					
	LIBBY	2011	2046	8,728	8,728	.06490
R	8,728					

		Prtg.txt				
R	YAKIMA-CHANDLER	2016	2046	52	52	.06490
	52					
	LOWER GRANITE	1996	2046	3,956	3,956	.06490
	3,956					
R	YAKIMA-CHANDLER	2001	2046	663	663	.06490
	663					
	ALBENI FALLS	1997	2047	341	341	.06490
	341					
R	GREEN PETER-FOSTER	2007	2047	1,751	1,751	.06490
	1,751					
R	BOISE	1997	2047	129	129	.06490
	129					
	BONNEVILLE	1997	2047	12,429	12,429	.06490
	12,429					
	BONNEVILLE	1997	2047	802	802	.06490
	802					
R	BONNEVILLE	1997	2047	802	802	.06490
	802					
R	BOISE	2007	2047	688	688	.06490
	688					

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PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
COLUMBIA BASIN	4,915	1997	2047	4,915	4,915	.06490
COLUMBIA RIVER FISH MITIGATION		1997	2047	73,757	73,757	.06490

		Prtg.txt				
	73,757					
R	MINIDOKA	2002	2047	3,444	3,444	.06490
	3,444					
R	HUNGRY HORSE	1997	2047	462	462	.06490
	462					
R	ICE HARBOR	1997	2047	1,335	1,335	.06490
	1,335					
R	LIBBY	1997	2047	1,335	1,335	.06490
	1,335					
R	BOISE	2017	2047	57	57	.06490
	57					
R	LOWER SNAKE F AND W	1997	2047	3,901	3,901	.06490
	3,901					
R	MINIDOKA	1997	2047	46,867	46,867	.06490
	46,867					
R	BONNEVILLE	2012	2047	46	46	.06490
	46					
R	LOST CREEK	2012	2047	1,368	1,368	.06490
	1,368					
R	MINIDOKA	2017	2047	75	75	.06490
	75					
R	LITTLE GOOSE	2013	2048	8,816	8,816	.06490
	8,816					
R	CHIEF JOSEPH	2013	2048	58,047	58,047	.06490
	23,000					

	TOTAL					
	529,565					
2020	COUGAR	2013	2020	2	2	.05945
R	2					
R	LOWER GRANITE	2005	2020	2,282	2,282	.06203
	2,282					
R	COUGAR	2012	2020	3	3	.05999
	3					
R	HUNGRY HORSE	1995	2020	176	176	.06380
	176					
R	JOHN DAY	2010	2020	36	36	.06108

			Prtg.txt			
R	36					
	GREEN PETER-FOSTER	1995	2020	11	11	.06380
	11					
	LOWER MONUMENTAL	1982	2020	242	242	.06380
R	242					
	LITTLE GOOSE	2013	2020	21	21	.05945
R	21					
	GREEN PETER-FOSTER	1995	2020	25	25	.06380
R	25					
	JOHN DAY	1970	2020	26,724	26,724	.06380
	26,724					
	LITTLE GOOSE	1970	2020	24,063	24,063	.06380
	24,063					
	LOWER MONUMENTAL	1970	2020	57,858	57,858	.06380
	57,858					
	LOWER MONUMENTAL	1971	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1972	2020	242	242	.06380
R	242					
	JOHN DAY	1995	2020	82	82	.06380
	82					
	COLUMBIA BASIN	1995	2020	221	221	.06380
	221					
	LOWER MONUMENTAL	1973	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1983	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1974	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1987	2020	4	4	.06380
	4					
	LOWER MONUMENTAL	1979	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1986	2020	149	149	.06380
	149					
	LOWER MONUMENTAL	1975	2020	242	242	.06380
R	242					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
R	BONNEVILLE	23	1995	2020	23	23	.06380
R	LOWER MONUMENTAL	9	1985	2020	9	9	.06380
R	BONNEVILLE	22	1995	2020	22	22	.06380
R	LOWER MONUMENTAL	242	1976	2020	242	242	.06380
R	LOWER MONUMENTAL	242	1977	2020	242	242	.06380
R	JOHN DAY	25	2015	2020	25	25	.05805
R	LOWER MONUMENTAL	242	1978	2020	242	242	.06380
R	LOWER MONUMENTAL	242	1980	2020	242	242	.06380
R	LOWER MONUMENTAL	242	1981	2020	242	242	.06380
R	CHIEF JOSEPH	35,047	2013	2048	58,047	35,047	.06490
R	COLUMBIA BASIN	47,052	2013	2048	47,052	47,052	.06490
R	LOWER GRANITE	8,962	2013	2048	8,962	8,962	.06490
R	GREEN PETER-FOSTER		2008	2048	1,505	1,505	.06490

		Prtg.txt				
R	1,505					
	YAKIMA-ROZA	2003	2048	180	180	.06490
R	180					
	YAKIMA-ROZA	2018	2048	4	4	.06490
R	4					
	LOWER MONUMENTAL	2009	2049	9,485	9,485	.06490
R	9,485					
	LOWER MONUMENTAL	2014	2049	8,516	8,516	.06490
R	8,516					
	JOHN DAY	2010	2050	25,436	25,436	.06490
R	25,436					
	LITTLE GOOSE	2011	2051	9,481	9,481	.06490
R	9,481					
	BONNEVILLE	2017	2052	61,984	61,984	.06490
R	61,984					
	COLUMBIA BASIN	2017	2052	33,985	33,985	.06490
R	33,985					
	HILLS CREEK	2007	2052	77	77	.06490
R	77					
	ICE HARBOR	2007	2052	152	152	.06490
R	152					
	MINIDOKA	2007	2052	5,257	5,257	.06490
R	5,257					
	HUNGRY HORSE	2003	2053	39,616	39,616	.06490
R	39,616					
	LOWER SNAKE F AND W	2018	2053	1,024	1,024	.06490
R	1,024					
	THE DALLES	2013	2053	13,809	13,809	.06490
R	13,809					
	DWORSHAK	2013	2053	6,927	6,927	.06490
R	6,927					
	DETROIT-BIG CLIFF	2004	2054	2,461	2,461	.06490
R	2,461					
	DETROIT-BIG CLIFF	2004	2054	498	498	.06490
R	498					
	LOWER GRANITE	2015	2055	6,347	6,347	.06490
R	6,347					
	ALBENI FALLS	2005	2055	1,989	1,989	.06490
R	1,989					

		Prtg.txt				
R	LIBBY	2020	2055	6,320	6,320	.06490
	6,320					
R	LOOKOUT POINT-DEXTER	2005	2055	3,589	3,589	.06490
	3,589					
R	LOOKOUT POINT-DEXTER	2005	2055	448	448	.06490
	448					
R	MCNARY	2005	2055	18,097	18,097	.06490
	18,097					
R	YAKIMA-CHANDLER	2006	2056	2,832	2,832	.06490
	2,832					
R	LIBBY	2016	2056	13,038	13,038	.06490
	13,038					
R	ICE HARBOR	2016	2056	3,896	3,896	.06490
	3,896					

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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	BONNEVILLE	2017	2057	239	239	.06490
	239					
R	LOST CREEK	2017	2057	1,067	1,067	.06490
	1,067					
R	CHIEF JOSEPH	2007	2057	9,723	9,723	.06490
	9,723					
R	MINIDOKA	2007	2057	6,110	6,110	.06490
	6,110					
R	COLUMBIA BASIN	2018	2058	164,276	164,276	.06490

R 95,741

 TOTAL
 595,776

2021	DWORSHAK	2013	2021	34	34	.05999
R	34					
	LITTLE GOOSE	1985	2021	196	196	.06390
	196					
	LITTLE GOOSE	1977	2021	33	33	.06390
R	33					
	LITTLE GOOSE	2011	2021	10	10	.06108
R	10					
	HUNGRY HORSE	1996	2021	140	140	.06390
R	140					
	YAKIMA-ROZA	1996	2021	341	341	.06390
R	341					
	BONNEVILLE	2011	2021	98	98	.06108
R	98					
	LITTLE GOOSE	1987	2021	6	6	.06390
	6					
	LITTLE GOOSE	1978	2021	32	32	.06390
R	32					
	BONNEVILLE	2016	2021	73	73	.05805
R	73					
	JOHN DAY	1971	2021	39,419	39,419	.06390
	39,419					
	LITTLE GOOSE	1971	2021	48,422	48,422	.06390
	48,422					
	LITTLE GOOSE	1979	2021	33	33	.06390
R	33					
	DWORSHAK	2009	2021	48	48	.06146
R	48					
	BONNEVILLE	2001	2021	545	545	.06299
R	545					
	LIBBY	2006	2021	1,578	1,578	.06203
R	1,578					
	LITTLE GOOSE	1972	2021	32	32	.06390

		Prtg.txt					
R	LITTLE GOOSE	32	1982	2021	32	32	.06390
R	LITTLE GOOSE	32	1980	2021	32	32	.06390
R	LITTLE GOOSE	32	1976	2021	32	32	.06390
R	LITTLE GOOSE	32	1983	2021	33	33	.06390
R	LITTLE GOOSE	33	1973	2021	33	33	.06390
R	LITTLE GOOSE	33	1974	2021	32	32	.06390
R	BOISE	32	1996	2021	88	88	.06390
R	LITTLE GOOSE	88	1986	2021	270	270	.06390
	LITTLE GOOSE	270	1981	2021	33	33	.06390
R	LITTLE GOOSE	33	1975	2021	33	33	.06390
R	MINIDOKA	33	1996	2021	146	146	.06390
R	COLUMBIA BASIN	146	2018	2058	164,276	68,535	.06490
R	LITTLE GOOSE	68,535	2018	2058	7,906	7,906	.06490
R	CHIEF JOSEPH	7,906	2018	2058	37,093	37,093	.06490
R	LOWER GRANITE	37,093	2018	2058	6,960	6,960	.06490
R		6,960					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	YAKIMA-ROZA		2008	2058	317	317	.06490
R		317					
	LOWER MONUMENTAL		2019	2059	6,183	6,183	.06490
R		6,183					
	THE DALLES		2009	2059	17,228	17,228	.06490
R		17,228					
	BONNEVILLE		2021	2061	56,856	56,856	.06490
R		56,856					
	BOISE		2017	2062	656	656	.06490
R		656					
	HILLS CREEK		2012	2062	450	450	.06490
R		450					
	ICE HARBOR		2012	2062	3,536	3,536	.06490
R		3,536					
	COUGAR		2014	2064	568	568	.06490
R		568					
	ICE HARBOR		2021	2066	25	25	.06490
R		25					
	GREEN PETER-FOSTER		2017	2067	1,401	1,401	.06490
R		1,401					
	MINIDOKA		2017	2067	4,072	4,072	.06490
R		4,072					
	GREEN PETER-FOSTER		2018	2068	246	246	.06490
R		246					
	LOWER MONUMENTAL		2019	2069	3,702	3,702	.06490
R		3,702					
	JOHN DAY		2020	2070	8,250	8,250	.06490
R		8,250					
	LITTLE GOOSE		2021	2071	3,205	3,205	.06490
R		3,205					
	COLUMBIA BASIN - 3RD PWR HOUSE		1975	2025	43,303	43,303	.06470

		Prtg.txt				
	43,303					
R	LOWER GRANITE	1983	2025	565	565	.06470
	565					
	LOWER GRANITE	1985	2025	364	364	.06470
	364					
R	LOWER GRANITE	1982	2025	566	566	.06470
	566					
R	LOWER GRANITE	1976	2025	565	565	.06470
	565					
R	LOWER GRANITE	1981	2025	565	565	.06470
	565					
R	LOWER GRANITE	1979	2025	566	566	.06470
	566					
R	LOWER GRANITE	1977	2025	565	565	.06470
	565					
	LOWER GRANITE	1975	2025	130,405	130,405	.06470
	130,405					
	LOWER GRANITE	1987	2025	9	9	.06470
	9					
	LIBBY	1975	2025	53,102	53,102	.06470
	53,102					
R	LOWER GRANITE	1978	2025	565	565	.06470
	565					
	LOWER GRANITE	1986	2025	238	238	.06470
	238					
R	LOWER GRANITE	1980	2025	565	565	.06470
	565					
	THE DALLES	1974	2024	8,044	8,044	.06450
	8,044					
	DWORSHAK	1985	2023	1,273	1,273	.06430
	1,273					
	THE DALLES	1973	2023	24,441	24,441	.06430
	24,441					
R	DWORSHAK	1975	2023	578	578	.06430
	578					
	DWORSHAK	1973	2023	148,459	148,459	.06430
	65,298					

TOTAL
650,570

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
2022	JOHN DAY	7,285	1985	2022	7,285	7,285	.06410
	THE DALLES	42	2015	2022	42	42	.05945
R	YAKIMA-CHANDLER	2	1959	2022	2	2	.06410
R	JOHN DAY	792	1987	2022	792	792	.06410
	YAKIMA-CHANDLER	1	1960	2022	1	1	.06410
R	YAKIMA-CHANDLER	506	1986	2022	506	506	.06410
	JOHN DAY	3,622	1986	2022	3,622	3,622	.06410
	YAKIMA-CHANDLER	1	1961	2022	1	1	.06410
R	MINIDOKA	73	2007	2022	73	73	.06203
R	YAKIMA-CHANDLER	1	1962	2022	1	1	.06410
R							

		Prtg.txt				
R	ICE HARBOR	2012	2022	72	72	.06108
	72					
R	YAKIMA-CHANDLER	1963	2022	1	1	.06410
	1					
R	YAKIMA-CHANDLER	1964	2022	1	1	.06410
	1					
R	YAKIMA-CHANDLER	1965	2022	1	1	.06410
	1					
R	YAKIMA-CHANDLER	1966	2022	1	1	.06410
	1					
R	DWORSHAK	2015	2022	15	15	.05945
	15					
R	JOHN DAY	1992	2022	21	21	.06410
	21					
	JOHN DAY	1990	2022	41	41	.06410
	41					
R	HILLS CREEK	2007	2022	429	429	.06203
	429					
R	LOST CREEK	2007	2022	33	33	.06203
	33					
R	HILLS CREEK	2002	2022	44	44	.06299
	44					
R	JOHN DAY	1989	2022	34	34	.06410
	34					
R	ICE HARBOR	2007	2022	751	751	.06203
	751					
R	JOHN DAY	1997	2022	162	162	.06390
	162					
R	ICE HARBOR	2002	2022	1,305	1,305	.06299
	1,305					
R	COLUMBIA BASIN	2007	2022	726	726	.06203
	726					
R	JOHN DAY	1972	2022	12,911	12,911	.06410
	12,911					
	YAKIMA-CHANDLER	1956	2022	796	796	.06410
	796					
R	ICE HARBOR	2022	2052	531	531	.06490
	531					
R	MINIDOKA	2022	2057	2,671	2,671	.06490

		Prtg.txt				
R	2,671					
	BONNEVILLE	2022	2062	55,400	55,400	.06490
R	55,400					
	LOST CREEK	2022	2067	462	462	.06490
R	462					
	DWORSHAK	1981	2023	578	578	.06430
R	578					
	DWORSHAK	1980	2023	578	578	.06430
R	578					
	DWORSHAK	1973	2023	148,459	83,161	.06430
	83,161					
	DWORSHAK	1979	2023	578	578	.06430
R	578					
	DWORSHAK	1983	2023	584	584	.06430
R	584					
	DWORSHAK	1978	2023	578	578	.06430
R	578					
	DWORSHAK	1982	2023	578	578	.06430
R	578					

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R DWORSHAK	578	1976	2023	578	578	.06430
DWORSHAK	220	1986	2023	220	220	.06430

			Prtg.txt				
R	DWORSHAK	578	1977	2023	578	578	.06430
	DWORSHAK	6	1987	2023	6	6	.06430
R	DWORSHAK	575	1974	2023	575	575	.06430
R	THE DALLES	200	1998	2023	200	200	.06394
R	DWORSHAK	6,629	1998	2023	6,629	6,629	.06394
R	LOWER GRANITE	187	2000	2025	187	187	.06394
R	ICE HARBOR	38	2001	2026	38	38	.06394
R	LIBBY	2,189	2001	2026	2,189	2,189	.06394
R	LOST CREEK	144	2002	2027	144	144	.06394
R	BONNEVILLE	12	2002	2027	12	12	.06394
R	BOISE	2,217	2002	2027	2,217	2,217	.06394
R	LITTLE GOOSE	34	2003	2028	34	34	.06394
R	HUNGRY HORSE	9,206	2003	2028	9,206	9,206	.06394
R	LOWER GRANITE	105	2003	2028	105	105	.06394
R	COLUMBIA BASIN	47,208	2003	2028	47,208	47,208	.06394
R	CHIEF JOSEPH	285	2003	2028	285	285	.06394
R	DETROIT-BIG CLIFF	184	2004	2029	184	184	.06394
R	DETROIT-BIG CLIFF	543	2004	2029	543	543	.06394
R	LOWER MONUMENTAL	36	2004	2029	36	36	.06394
R	ALBENI FALLS		2005	2030	2,120	2,120	.06394

		Prtg.txt				
R	2,120					
	LOOKOUT POINT-DEXTER	2005	2030	475	475	.06394
R	475					
	MCNARY	2005	2030	822	822	.06394
R	822					
	YAKIMA-CHANDLER	2006	2031	808	808	.06394
R	808					
	BONNEVILLE	2007	2032	3,762	3,762	.06394
R	3,762					
	CHIEF JOSEPH	2007	2032	3,491	3,491	.06394
R	3,491					
	MINIDOKA	2007	2032	2,014	2,014	.06394
R	2,014					
	LOWER SNAKE F AND W	2008	2033	906	906	.06394
R	906					
	YAKIMA-ROZA	2008	2033	91	91	.06394
R	91					
	THE DALLES	2009	2034	2,262	2,262	.06394
R	2,262					
	LIBBY	2010	2035	233	233	.06394
R	233					
	HILLS CREEK	2012	2037	136	136	.06394
R	136					
	ICE HARBOR	2012	2037	1,424	1,424	.06394
R	1,424					
	COUGAR	2014	2039	118	118	.06394
R	118					
	BONNEVILLE	2016	2041	2,275	2,275	.06394
R	2,275					
	MINIDOKA	2017	2042	1,686	1,686	.06394
R	1,686					
	GREEN PETER-FOSTER	2017	2042	393	393	.06394
R	393					
	GREEN PETER-FOSTER	2018	2043	142	142	.06394
R	142					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
R	LOWER MONUMENTAL	767	2019	2044	767	767	.06394
R	JOHN DAY	3,115	2020	2045	3,115	3,115	.06394
R	LITTLE GOOSE	878	2021	2046	878	878	.06394
R	COLUMBIA BASIN	40,143	2022	2047	40,143	40,143	.06394
R	LOWER SNAKE F AND W	4,688	2003	2023	4,688	4,688	.06299
R	COUGAR	63	2004	2024	63	63	.06299
R	BOISE	122	2007	2027	122	122	.06299
R	GREEN PETER-FOSTER	119	2007	2027	119	119	.06299
R	COLUMBIA BASIN	4,056	2007	2027	4,056	4,056	.06299
R	GREEN PETER-FOSTER	61	2008	2028	61	61	.06299
R	LOWER MONUMENTAL	277	2009	2029	277	277	.06299
R	JOHN DAY	574	2010	2030	574	574	.06299
R	LITTLE GOOSE	400	2011	2031	400	400	.06299
R	HUNGRY HORSE		2013	2033	605	605	.06299

		Prtg.txt				
R	605					
	THE DALLES	2013	2033	1,728	1,728	.06299
R	1,728					
	DWORSHAK	2013	2033	3,070	3,070	.06299
R	3,070					
	DETROIT-BIG CLIFF	2014	2034	99	99	.06299
R	99					
	LOWER GRANITE	2015	2035	918	918	.06299
R	918					
	ALBENI FALLS	2015	2035	779	779	.06299
R	779					
	M McNARY	2015	2035	1,111	1,111	.06299
R	1,111					
	LOOKOUT POINT-DEXTER	2015	2035	390	390	.06299
R	390					
	LOOKOUT POINT-DEXTER	2015	2035	31	31	.06299
R	31					
	ICE HARBOR	2016	2036	175	175	.06299
R	175					
	LIBBY	2016	2036	555	555	.06299
R	555					
	YAKIMA-CHANDLER	2016	2036	77	77	.06299
R	77					
	MINIDOKA	2017	2037	238	238	.06299
R	238					
	LOST CREEK	2017	2037	66	66	.06299
R	66					
	CHIEF JOSEPH	2017	2037	1,817	1,817	.06299
R	1,817					
	MINIDOKA	2017	2037	80	80	.06299
R	80					
	LOWER GRANITE	2018	2038	281	281	.06299
R	281					
	COLUMBIA BASIN	2018	2038	4,745	4,745	.06299
R	4,745					
	LITTLE GOOSE	2018	2038	174	174	.06299
R	174					
	YAKIMA-ROZA	2018	2038	7	7	.06299
R	7					

		Prtg.txt				
R	CHIEF JOSEPH	2018	2038	590	590	.06299
	590					
R	LOWER MONUMENTAL	2019	2039	278	278	.06299
	278					
R	THE DALLES	2019	2039	1,102	1,102	.06299
	1,102					
R	BONNEVILLE	2021	2041	545	545	.06299
	545					
R	HILLS CREEK	2022	2042	44	44	.06299
	44					
R	ICE HARBOR	2022	2042	1,305	1,305	.06299
	1,305					

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	PROJECT		IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT	AMOUNT					
	-----	-----	-----	-----	-----	-----	-----
R	COLUMBIA BASIN		2008	2023	979	979	.06203
	979						
R	LOWER GRANITE		2008	2023	281	281	.06203
	281						
R	CHIEF JOSEPH		2008	2023	168	168	.06203
	168						
R	COUGAR		2009	2024	39	39	.06203
	39						
R	BONNEVILLE		2012	2027	980	980	.06203
	980						
R	GREEN PETER-FOSTER		2012	2027	857	857	.06203

		Prtg.txt				
R	857					
	HUNGRY HORSE	2013	2028	402	402	.06203
R	402					
	LOWER SNAKE F AND W	2013	2028	1,008	1,008	.06203
R	1,008					
	GREEN PETER-FOSTER	2013	2028	700	700	.06203
R	700					
	DETROIT-BIG CLIFF	2014	2029	81	81	.06203
R	81					
	DETROIT-BIG CLIFF	2014	2029	261	261	.06203
R	261					
	LOWER MONUMENTAL	2014	2029	1,817	1,817	.06203
R	1,817					
	LOOKOUT POINT-DEXTER	2015	2030	67	67	.06203
R	67					
	MCNARY	2015	2030	411	411	.06203
R	411					
	LIBBY	2015	2030	173	173	.06203
R	173					
	ALBENI FALLS	2015	2030	48	48	.06203
R	48					
	JOHN DAY	2015	2030	1,757	1,757	.06203
R	1,757					
	LOOKOUT POINT-DEXTER	2015	2030	384	384	.06203
R	384					
	BONNEVILLE	2016	2031	2,261	2,261	.06203
R	2,261					
	LITTLE GOOSE	2016	2031	1,399	1,399	.06203
R	1,399					
	YAKIMA-CHANDLER	2016	2031	22	22	.06203
R	22					
	MINIDOKA	2017	2032	109	109	.06203
R	109					
	BOISE	2017	2032	11	11	.06203
R	11					
	CHIEF JOSEPH	2017	2032	1,189	1,189	.06203
R	1,189					
	THE DALLES	2018	2033	1,629	1,629	.06203
R	1,629					

		Prtg.txt				
R	DWORSHAK	2018	2033	2,631	2,631	.06203
	2,631					
R	YAKIMA-ROZA	2018	2033	2	2	.06203
	2					
R	THE DALLES	2019	2034	1,121	1,121	.06203
	1,121					
R	LOWER GRANITE	2020	2035	2,282	2,282	.06203
	2,282					
R	LIBBY	2021	2036	1,578	1,578	.06203
	1,578					
R	HILLS CREEK	2022	2037	429	429	.06203
	429					
R	COLUMBIA BASIN	2022	2037	726	726	.06203
	726					
R	ICE HARBOR	2022	2037	751	751	.06203
	751					
R	LOST CREEK	2022	2037	33	33	.06203
	33					
R	MINIDOKA	2022	2037	73	73	.06203
	73					
R	LOWER GRANITE	2011	2023	19	19	.06146
	19					
R	BONNEVILLE	2013	2025	128	128	.06146
	128					
R	DETROIT-BIG CLIFF	2014	2026	15	15	.06146
	15					
R	ALBENI FALLS	2015	2027	109	109	.06146
	109					

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	PROJECT REPLACEMENT	AMOUNT	Prtg.txt IN-SERVICE	DUE	GROSS	NET	RATE
	MCNARY		2015	2027	91	91	.06146
R		91					
	LOOKOUT POINT-DEXTER		2015	2027	35	35	.06146
R		35					
	JOHN DAY		2018	2030	140	140	.06146
R		140					
	LOWER SNAKE F AND W		2019	2031	468	468	.06146
R		468					
	THE DALLES		2019	2031	8	8	.06146
R		8					
	DWORSHAK		2021	2033	48	48	.06146
R		48					
	LOWER SNAKE F AND W		2013	2023	933	933	.06108
R		933					
	DWORSHAK		2013	2023	165	165	.06108
R		165					
	DETROIT-BIG CLIFF		2014	2024	21	21	.06108
R		21					
	MCNARY		2015	2025	146	146	.06108
R		146					
	LOWER GRANITE		2015	2025	801	801	.06108
R		801					
	LOOKOUT POINT-DEXTER		2015	2025	95	95	.06108
R		95					
	ALBENI FALLS		2015	2025	1,005	1,005	.06108
R		1,005					
	LIBBY		2016	2026	57	57	.06108
R		57					
	YAKIMA-CHANDLER		2016	2026	52	52	.06108
R		52					
	GREEN PETER-FOSTER		2017	2027	19	19	.06108
R		19					
	CHIEF JOSEPH		2017	2027	34	34	.06108
R		34					

			Prtg.txt				
R	MINIDOKA	14	2017	2027	14	14	.06108
R	LOST CREEK	4	2017	2027	4	4	.06108
R	LITTLE GOOSE	935	2018	2028	935	935	.06108
R	THE DALLES	1	2019	2029	1	1	.06108
R	LOWER MONUMENTAL	10	2019	2029	10	10	.06108
R	JOHN DAY	36	2020	2030	36	36	.06108
R	LITTLE GOOSE	10	2021	2031	10	10	.06108
R	BONNEVILLE	98	2021	2031	98	98	.06108
R	ICE HARBOR	72	2022	2032	72	72	.06108
R	GREEN PETER-FOSTER	12	2015	2023	12	12	.05999
R	LOWER GRANITE	29	2015	2023	29	29	.05999
R	THE DALLES	63	2015	2023	63	63	.05999
R	LOWER SNAKE F AND W	98	2015	2023	98	98	.05999
R	LOWER MONUMENTAL	40	2017	2025	40	40	.05999
R	DETROIT-BIG CLIFF	28	2018	2026	28	28	.05999
R	ICE HARBOR	24	2018	2026	24	24	.05999
R	LOOKOUT POINT-DEXTER	5	2019	2027	5	5	.05999
R	MCNARY	54	2019	2027	54	54	.05999
R	LITTLE GOOSE	36	2019	2027	36	36	.05999
R	COUGAR	3	2020	2028	3	3	.05999

		Prtg.txt				
R	3					
	DWORSHAK	2021	2029	34	34	.05999
R	34					
	GREEN PETER-FOSTER	2016	2023	15	15	.05945
R	15					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	LOWER GRANITE		2017	2024	22	22	.05945
R	22						
	DETROIT-BIG CLIFF		2017	2024	4	4	.05945
R	4						
	ICE HARBOR		2018	2025	13	13	.05945
R	13						
	LOOKOUT POINT-DEXTER		2018	2025	13	13	.05945
R	13						
	BONNEVILLE		2018	2025	5	5	.05945
R	5						
	LOWER MONUMENTAL		2018	2025	21	21	.05945
R	21						
	MCNARY		2018	2025	26	26	.05945
R	26						
	LOWER SNAKE F AND W		2018	2025	512	512	.05945
R	512						
	LIBBY		2018	2025	57	57	.05945
R	57						

		Prtg.txt				
	LOST CREEK	2019	2026	1	1	.05945
R	1					
	JOHN DAY	2019	2026	4	4	.05945
R	4					
	LITTLE GOOSE	2020	2027	21	21	.05945
R	21					
	COUGAR	2020	2027	2	2	.05945
R	2					
	THE DALLES	2022	2029	42	42	.05945
R	42					
	DWORSHAK	2022	2029	15	15	.05945
R	15					
	LOWER SNAKE F AND W	2018	2023	43	43	.05805
R	43					
	DETROIT-BIG CLIFF	2019	2024	2	2	.05805
R	2					
	THE DALLES	2019	2024	38	38	.05805
R	38					
	JOHN DAY	2020	2025	25	25	.05805
R	25					
	BONNEVILLE	2021	2026	73	73	.05805
R	73					

	TOTAL					
	379,381					
2023	HUNGRY HORSE	2023	2058	2,874	2,874	.06490
R	2,874					
	LOWER SNAKE F AND W	2023	2063	6,456	6,456	.06490
R	6,456					
	LITTLE GOOSE	2023	2068	113	113	.06490
R	113					
	COLUMBIA BASIN	2023	2068	51,243	51,243	.06490
R	51,243					
	THE DALLES	2023	2073	5,130	5,130	.06490
R	5,130					
	DWORSHAK	2023	2073	1,570	1,570	.06490
R	1,570					

		Prtg.txt				
R	THE DALLES	2023	2048	200	200	.06394
	200					
R	DWORSHAK	2023	2048	6,629	6,629	.06394
	6,629					
R	LOWER SNAKE F AND W	2023	2043	4,688	4,688	.06299
	4,688					
R	LOWER GRANITE	2023	2038	281	281	.06203
	281					
R	COLUMBIA BASIN	2023	2038	979	979	.06203
	979					
R	CHIEF JOSEPH	2023	2038	168	168	.06203
	168					
R	LOWER GRANITE	2023	2035	19	19	.06146
	19					
R	DWORSHAK	2023	2033	165	165	.06108
	165					
R	LOWER SNAKE F AND W	2023	2033	933	933	.06108
	933					
R	THE DALLES	2023	2031	63	63	.05999
	63					
R	GREEN PETER-FOSTER	2023	2031	12	12	.05999
	12					

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PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____
LOWER GRANITE		2023	2031	29	29	.05999

Prtg.txt

R		29					
	LOWER SNAKE F AND W		2023	2031	98	98	.05999
R		98					
	GREEN PETER-FOSTER		2023	2030	15	15	.05945
R		15					
	LOWER SNAKE F AND W		2023	2028	43	43	.05805
R		43					

	TOTAL						
		81,708					
2024	DETROIT-BIG CLIFF		2024	2059	11,304	11,304	.06490
R		11,304					
	DETROIT-BIG CLIFF		2024	2059	2,208	2,208	.06490
R		2,208					
	LOWER MONUMENTAL		2024	2069	101	101	.06490
R		101					
	COUGAR		2024	2044	63	63	.06299
R		63					
	COUGAR		2024	2039	39	39	.06203
R		39					
	DETROIT-BIG CLIFF		2024	2034	21	21	.06108
R		21					
	LOWER GRANITE		2024	2031	22	22	.05945
R		22					
	DETROIT-BIG CLIFF		2024	2031	4	4	.05945
R		4					
	THE DALLES		2024	2029	38	38	.05805
R		38					
	DETROIT-BIG CLIFF		2024	2029	2	2	.05805
R		2					

	TOTAL						
		13,802					
2025	MCNARY		2025	2060	56,818	56,818	.06490
R		56,818					

		Prtg.txt				
R	LOOKOUT POINT-DEXTER	2025	2060	9,423	9,423	.06490
	9,423					
R	LOOKOUT POINT-DEXTER	2025	2060	1,889	1,889	.06490
	1,889					
R	ALBENI FALLS	2025	2060	7,144	7,144	.06490
	7,144					
R	LIBBY	2025	2065	6,557	6,557	.06490
	6,557					
R	LOWER GRANITE	2025	2075	1,423	1,423	.06490
	1,423					
R	LOWER GRANITE	2025	2050	187	187	.06394
	187					
R	BONNEVILLE	2025	2037	128	128	.06146
	128					
R	LOOKOUT POINT-DEXTER	2025	2035	95	95	.06108
	95					
R	MCNARY	2025	2035	146	146	.06108
	146					
R	LOWER GRANITE	2025	2035	801	801	.06108
	801					
R	ALBENI FALLS	2025	2035	1,005	1,005	.06108
	1,005					
R	LOWER MONUMENTAL	2025	2033	40	40	.05999
	40					
R	LOWER MONUMENTAL	2025	2032	21	21	.05945
	21					
R	LIBBY	2025	2032	57	57	.05945
	57					
R	ICE HARBOR	2025	2032	13	13	.05945
	13					
R	BONNEVILLE	2025	2032	5	5	.05945
	5					
R	MCNARY	2025	2032	26	26	.05945
	26					
R	LOOKOUT POINT-DEXTER	2025	2032	13	13	.05945
	13					
R	LOWER SNAKE F AND W	2025	2032	512	512	.05945
	512					
R	JOHN DAY	2025	2030	25	25	.05805

R 25

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	TOTAL	86,328					
2026	YAKIMA-CHANDLER		2026	2061	410	410	.06490
R		410					
	LIBBY		2026	2076	2,782	2,782	.06490
R		2,782					
	ICE HARBOR		2026	2076	1,119	1,119	.06490
R		1,119					
	LIBBY		2026	2051	2,189	2,189	.06394
R		2,189					
	ICE HARBOR		2026	2051	38	38	.06394
R		38					
	DETROIT-BIG CLIFF		2026	2038	15	15	.06146
R		15					
	YAKIMA-CHANDLER		2026	2036	52	52	.06108
R		52					
	LIBBY		2026	2036	57	57	.06108
R		57					
	ICE HARBOR		2026	2034	24	24	.05999

		Prtg.txt				
R	24					
	DETROIT-BIG CLIFF	2026	2034	28	28	.05999
R	28					
	LOST CREEK	2026	2033	1	1	.05945
R	1					
	JOHN DAY	2026	2033	4	4	.05945
R	4					
	BONNEVILLE	2026	2031	73	73	.05805
R	73					

	TOTAL					
	6,792					
2027	MINIDOKA	2027	2062	635	635	.06490
R	635					
	CHIEF JOSEPH	2027	2062	47,888	47,888	.06490
R	47,888					
	COLUMBIA BASIN	2027	2067	38,272	38,272	.06490
R	38,272					
	BONNEVILLE	2027	2072	849	849	.06490
R	849					
	LOST CREEK	2027	2077	522	522	.06490
R	522					
	BONNEVILLE	2027	2077	362	362	.06490
R	362					
	BOISE	2027	2077	7,420	7,420	.06490
R	7,420					
	BONNEVILLE	2027	2052	12	12	.06394
R	12					
	LOST CREEK	2027	2052	144	144	.06394
R	144					
	BOISE	2027	2052	2,217	2,217	.06394
R	2,217					
	GREEN PETER-FOSTER	2027	2047	119	119	.06299
R	119					
	COLUMBIA BASIN	2027	2047	4,056	4,056	.06299
R	4,056					
	BOISE	2027	2047	122	122	.06299

		Prtg.txt				
R	122					
	GREEN PETER-FOSTER	2027	2042	857	857	.06203
R	857					
	BONNEVILLE	2027	2042	980	980	.06203
R	980					
	MCNARY	2027	2039	91	91	.06146
R	91					
	LOOKOUT POINT-DEXTER	2027	2039	35	35	.06146
R	35					
	ALBENI FALLS	2027	2039	109	109	.06146
R	109					
	CHIEF JOSEPH	2027	2037	34	34	.06108
R	34					
	LOST CREEK	2027	2037	4	4	.06108
R	4					
	GREEN PETER-FOSTER	2027	2037	19	19	.06108
R	19					
	MINIDOKA	2027	2037	14	14	.06108
R	14					

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	MCNARY	54	2027	2035	54	54	.05999
R							
	LOOKOUT POINT-DEXTER	5	2027	2035	5	5	.05999
R							

		Prtg.txt				
	LITTLE GOOSE	2027	2035	36	36	.05999
R	36					
	COUGAR	2027	2034	2	2	.05945
R	2					
	LITTLE GOOSE	2027	2034	21	21	.05945
R	21					

	TOTAL					
	104,879					
2028	YAKIMA-ROZA	2028	2063	56	56	.06490
R	56					
	LOWER SNAKE F AND W	2028	2073	964	964	.06490
R	964					
	LOWER GRANITE	2028	2078	1,486	1,486	.06490
R	1,486					
	LITTLE GOOSE	2028	2078	1,534	1,534	.06490
R	1,534					
	COLUMBIA BASIN	2028	2078	99,808	99,808	.06490
R	99,808					
	CHIEF JOSEPH	2028	2078	10,256	10,256	.06490
R	10,256					
	LITTLE GOOSE	2028	2053	34	34	.06394
R	34					
	HUNGRY HORSE	2028	2053	9,206	9,206	.06394
R	9,206					
	LOWER GRANITE	2028	2053	105	105	.06394
R	105					
	COLUMBIA BASIN	2028	2053	47,208	47,208	.06394
R	47,208					
	CHIEF JOSEPH	2028	2053	285	285	.06394
R	285					
	GREEN PETER-FOSTER	2028	2048	61	61	.06299
R	61					
	GREEN PETER-FOSTER	2028	2043	700	700	.06203
R	700					
	LOWER SNAKE F AND W	2028	2043	1,008	1,008	.06203
R	1,008					

		Prtg.txt				
	HUNGRY HORSE	2028	2043	402	402	.06203
R	402					
	LITTLE GOOSE	2028	2038	935	935	.06108
R	935					
	COUGAR	2028	2036	3	3	.05999
R	3					
	LOWER SNAKE F AND W	2028	2033	43	43	.05805
R	43					

	TOTAL					
	174,094					
2029	LOWER MONUMENTAL	2029	2059	222	222	.06490
R	222					
	THE DALLES	2029	2064	61,948	61,948	.06490
R	61,948					
	LOWER MONUMENTAL	2029	2079	1,503	1,503	.06490
R	1,503					
	LOWER MONUMENTAL	2029	2054	36	36	.06394
R	36					
	DETROIT-BIG CLIFF	2029	2054	184	184	.06394
R	184					
	DETROIT-BIG CLIFF	2029	2054	543	543	.06394
R	543					
	LOWER MONUMENTAL	2029	2049	277	277	.06299
R	277					
	LOWER MONUMENTAL	2029	2044	1,817	1,817	.06203
R	1,817					
	DETROIT-BIG CLIFF	2029	2044	261	261	.06203
R	261					
	DETROIT-BIG CLIFF	2029	2044	81	81	.06203
R	81					
	THE DALLES	2029	2039	1	1	.06108
R	1					
	LOWER MONUMENTAL	2029	2039	10	10	.06108
R	10					

APPLICATION OF AMORTIZATION
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GENERATION FY 1997

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	DWORSHAK	34	2029	2037	34	34	.05999
R	THE DALLES	42	2029	2036	42	42	.05945
R	DWORSHAK	15	2029	2036	15	15	.05945
R	DETROIT-BIG CLIFF	2	2029	2034	2	2	.05805
R	THE DALLES	38	2029	2034	38	38	.05805
	TOTAL	67,014					
2030	JOHN DAY	476	2030	2060	476	476	.06490
R	LOOKOUT POINT-DEXTER	475	2030	2055	475	475	.06394
R	M McNARY	822	2030	2055	822	822	.06394
R	ALBENI FALLS	2,120	2030	2055	2,120	2,120	.06394
R	JOHN DAY	574	2030	2050	574	574	.06299

		Prtg.txt				
	LIBBY	2030	2045	173	173	.06203
R	173					
	LOOKOUT POINT-DEXTER	2030	2045	384	384	.06203
R	384					
	JOHN DAY	2030	2045	1,757	1,757	.06203
R	1,757					
	LOOKOUT POINT-DEXTER	2030	2045	67	67	.06203
R	67					
	MCNARY	2030	2045	411	411	.06203
R	411					
	ALBENI FALLS	2030	2045	48	48	.06203
R	48					
	JOHN DAY	2030	2042	140	140	.06146
R	140					
	JOHN DAY	2030	2040	36	36	.06108
R	36					
	GREEN PETER-FOSTER	2030	2037	15	15	.05945
R	15					
	JOHN DAY	2030	2035	25	25	.05805
R	25					

	TOTAL					
	7,523					
2031	LITTLE GOOSE	2031	2061	218	218	.06490
R	218					
	BONNEVILLE	2031	2076	979	979	.06490
R	979					
	YAKIMA-CHANDLER	2031	2056	808	808	.06394
R	808					
	LITTLE GOOSE	2031	2051	400	400	.06299
R	400					
	LITTLE GOOSE	2031	2046	1,399	1,399	.06203
R	1,399					
	BONNEVILLE	2031	2046	2,261	2,261	.06203
R	2,261					
	YAKIMA-CHANDLER	2031	2046	22	22	.06203
R	22					

		Prtg.txt				
R	THE DALLES	2031	2043	8	8	.06146
	8					
R	LOWER SNAKE F AND W	2031	2043	468	468	.06146
	468					
R	LITTLE GOOSE	2031	2041	10	10	.06108
	10					
R	BONNEVILLE	2031	2041	98	98	.06108
	98					
R	GREEN PETER-FOSTER	2031	2039	12	12	.05999
	12					
R	LOWER SNAKE F AND W	2031	2039	98	98	.05999
	98					
R	LOWER GRANITE	2031	2039	29	29	.05999
	29					
R	THE DALLES	2031	2039	63	63	.05999
	63					

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
	-----	-----	-----	-----	-----	-----	-----
	DETROIT-BIG CLIFF		2031	2038	4	4	.05945
R	4						
R	LOWER GRANITE		2031	2038	22	22	.05945
	22						
R	BONNEVILLE		2031	2036	73	73	.05805
	73						

 TOTAL
 6,972

2032	ICE HARBOR	2032	2067	15,129	15,129	.06490
R	15,129					
	HILLS CREEK	2032	2067	2,119	2,119	.06490
R	2,119					
	BOISE	2032	2067	833	833	.06490
R	833					
	BONNEVILLE	2032	2082	12,008	12,008	.06490
R	12,008					
	MINIDOKA	2032	2057	2,014	2,014	.06394
R	2,014					
	CHIEF JOSEPH	2032	2057	3,491	3,491	.06394
R	3,491					
	BONNEVILLE	2032	2057	3,762	3,762	.06394
R	3,762					
	MINIDOKA	2032	2047	109	109	.06203
R	109					
	CHIEF JOSEPH	2032	2047	1,189	1,189	.06203
R	1,189					
	BOISE	2032	2047	11	11	.06203
R	11					
	ICE HARBOR	2032	2042	72	72	.06108
R	72					
	LOOKOUT POINT-DEXTER	2032	2039	13	13	.05945
R	13					
	LOWER MONUMENTAL	2032	2039	21	21	.05945
R	21					
	LIBBY	2032	2039	57	57	.05945
R	57					
	BONNEVILLE	2032	2039	5	5	.05945
R	5					
	LOWER SNAKE F AND W	2032	2039	512	512	.05945
R	512					
	MCNARY	2032	2039	26	26	.05945
R	26					
	ICE HARBOR	2032	2039	13	13	.05945

R 13

 TOTAL
 41,384

2033	HUNGRY HORSE	2033	2073	5,263	5,263	.06490
R	5,263					
	LOWER SNAKE F AND W	2033	2083	15,063	15,063	.06490
R	15,063					
	YAKIMA-ROZA	2033	2058	91	91	.06394
R	91					
	LOWER SNAKE F AND W	2033	2058	906	906	.06394
R	906					
	THE DALLES	2033	2053	1,728	1,728	.06299
R	1,728					
	HUNGRY HORSE	2033	2053	605	605	.06299
R	605					
	DWORSHAK	2033	2053	3,070	3,070	.06299
R	3,070					
	THE DALLES	2033	2048	1,629	1,629	.06203
R	1,629					
	YAKIMA-ROZA	2033	2048	2	2	.06203
R	2					
	DWORSHAK	2033	2048	2,631	2,631	.06203
R	2,631					
	DWORSHAK	2033	2045	48	48	.06146
R	48					
	LOWER SNAKE F AND W	2033	2043	933	933	.06108
R	933					
	DWORSHAK	2033	2043	165	165	.06108
R	165					
	LOWER MONUMENTAL	2033	2041	40	40	.05999
R	40					

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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	JOHN DAY	4	2033	2040	4	4	.05945
R	LOST CREEK	1	2033	2040	1	1	.05945
R	LOWER SNAKE F AND W	43	2033	2038	43	43	.05805
	TOTAL	32,222					
2034	COUGAR	2,223	2034	2069	2,223	2,223	.06490
R	DETROIT-BIG CLIFF	1,325	2034	2074	1,325	1,325	.06490
R	DETROIT-BIG CLIFF	4,293	2034	2074	4,293	4,293	.06490
R	THE DALLES	2,262	2034	2059	2,262	2,262	.06394
R	DETROIT-BIG CLIFF	99	2034	2054	99	99	.06299
R	THE DALLES	1,121	2034	2049	1,121	1,121	.06203
R	DETROIT-BIG CLIFF	21	2034	2044	21	21	.06108
R	ICE HARBOR	24	2034	2042	24	24	.05999
R	DETROIT-BIG CLIFF	28	2034	2042	28	28	.05999

		Prtg.txt				
R	28					
	COUGAR	2034	2041	2	2	.05945
R	2					
	LITTLE GOOSE	2034	2041	21	21	.05945
R	21					
	DETROIT-BIG CLIFF	2034	2039	2	2	.05805
R	2					
	THE DALLES	2034	2039	38	38	.05805
R	38					

	TOTAL					
	11,459					
2035	LOWER GRANITE	2035	2065	601	601	.06490
R	601					
	MCNARY	2035	2075	29,154	29,154	.06490
R	29,154					
	LOOKOUT POINT-DEXTER	2035	2075	2,047	2,047	.06490
R	2,047					
	LOOKOUT POINT-DEXTER	2035	2075	4,922	4,922	.06490
R	4,922					
	ALBENI FALLS	2035	2075	535	535	.06490
R	535					
	LIBBY	2035	2085	4,330	4,330	.06490
R	4,330					
	LIBBY	2035	2060	233	233	.06394
R	233					
	LOWER GRANITE	2035	2055	918	918	.06299
R	918					
	MCNARY	2035	2055	1,111	1,111	.06299
R	1,111					
	LOOKOUT POINT-DEXTER	2035	2055	390	390	.06299
R	390					
	LOOKOUT POINT-DEXTER	2035	2055	31	31	.06299
R	31					
	ALBENI FALLS	2035	2055	779	779	.06299
R	779					
	LOWER GRANITE	2035	2050	2,282	2,282	.06203

		Prtg.txt				
R	2,282					
	LOWER GRANITE	2035	2047	19	19	.06146
R	19					
	MCNARY	2035	2045	146	146	.06108
R	146					
	LOOKOUT POINT-DEXTER	2035	2045	95	95	.06108
R	95					
	ALBENI FALLS	2035	2045	1,005	1,005	.06108
R	1,005					
	LOWER GRANITE	2035	2045	801	801	.06108
R	801					
	LOOKOUT POINT-DEXTER	2035	2043	5	5	.05999
R	5					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	LITTLE GOOSE		2035	2043	36	36	.05999
R		36					
	MCNARY		2035	2043	54	54	.05999
R		54					
	JOHN DAY		2035	2040	25	25	.05805
R		25					
	TOTAL	49,519					

Prtg.txt

2036		YAKIMA-CHANDLER	2036	2076	428	428	.06490
R		428					
	R	YAKIMA-CHANDLER	2036	2056	77	77	.06299
		77					
	R	LIBBY	2036	2056	555	555	.06299
		555					
	R	ICE HARBOR	2036	2056	175	175	.06299
		175					
	R	LIBBY	2036	2051	1,578	1,578	.06203
		1,578					
	R	LIBBY	2036	2046	57	57	.06108
		57					
	R	YAKIMA-CHANDLER	2036	2046	52	52	.06108
		52					
	R	COUGAR	2036	2044	3	3	.05999
		3					
	R	DWORSHAK	2036	2043	15	15	.05945
		15					
	R	THE DALLES	2036	2043	42	42	.05945
		42					
	R	BONNEVILLE	2036	2041	73	73	.05805
		73					

TOTAL
3,055

2037		MINIDOKA	2037	2067	61	61	.06490
R		61					
	R	LOST CREEK	2037	2067	15	15	.06490
		15					
	R	COLUMBIA BASIN	2037	2067	1,795	1,795	.06490
		1,795					
	R	GREEN PETER-FOSTER	2037	2072	3,387	3,387	.06490
		3,387					
	R	MINIDOKA	2037	2077	5,424	5,424	.06490
		5,424					
	R	MINIDOKA	2037	2077	1,406	1,406	.06490

		Prtg.txt				
R	1,406					
	CHIEF JOSEPH	2037	2077	23,032	23,032	.06490
R	23,032					
	COLUMBIA BASIN	2037	2082	40,086	40,086	.06490
R	40,086					
	ICE HARBOR	2037	2062	1,424	1,424	.06394
R	1,424					
	HILLS CREEK	2037	2062	136	136	.06394
R	136					
	LOST CREEK	2037	2057	66	66	.06299
R	66					
	MINIDOKA	2037	2057	238	238	.06299
R	238					
	MINIDOKA	2037	2057	80	80	.06299
R	80					
	CHIEF JOSEPH	2037	2057	1,817	1,817	.06299
R	1,817					
	HILLS CREEK	2037	2052	429	429	.06203
R	429					
	COLUMBIA BASIN	2037	2052	726	726	.06203
R	726					
	MINIDOKA	2037	2052	73	73	.06203
R	73					
	ICE HARBOR	2037	2052	751	751	.06203
R	751					
	LOST CREEK	2037	2052	33	33	.06203
R	33					
	BONNEVILLE	2037	2049	128	128	.06146
R	128					
	MINIDOKA	2037	2047	14	14	.06108
R	14					

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APPLICATION OF AMORTIZATION
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GENERATION FY 1997

REPAYMENT STUDY FOR 19

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PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	R GREEN PETER-FOSTER	19	2037	2047	19	19	.06108
	R CHIEF JOSEPH	34	2037	2047	34	34	.06108
	R LOST CREEK	4	2037	2047	4	4	.06108
	R DWORSHAK	34	2037	2045	34	34	.05999
	R GREEN PETER-FOSTER	15	2037	2044	15	15	.05945

	TOTAL	81,227					
2038	R COLUMBIA BASIN	2,015	2038	2068	2,015	2,015	.06490
	R GREEN PETER-FOSTER	1,667	2038	2073	1,667	1,667	.06490
	R YAKIMA-ROZA	108	2038	2078	108	108	.06490
	R LOWER GRANITE	281	2038	2058	281	281	.06299
	R LITTLE GOOSE	174	2038	2058	174	174	.06299
	R COLUMBIA BASIN	4,745	2038	2058	4,745	4,745	.06299
	R YAKIMA-ROZA	7	2038	2058	7	7	.06299
	R CHIEF JOSEPH	590	2038	2058	590	590	.06299

		Prtg.txt				
R	COLUMBIA BASIN	2038	2053	979	979	.06203
	979					
R	LOWER GRANITE	2038	2053	281	281	.06203
	281					
R	CHIEF JOSEPH	2038	2053	168	168	.06203
	168					
R	DETROIT-BIG CLIFF	2038	2050	15	15	.06146
	15					
R	LITTLE GOOSE	2038	2048	935	935	.06108
	935					
R	LOWER GRANITE	2038	2045	22	22	.05945
	22					
R	DETROIT-BIG CLIFF	2038	2045	4	4	.05945
	4					
R	LOWER SNAKE F AND W	2038	2043	43	43	.05805
	43					

TOTAL
12,034

2039	LOWER MONUMENTAL	2039	2074	9,258	9,258	.06490
R	9,258					
R	THE DALLES	2039	2079	39,113	39,113	.06490
	39,113					
R	COUGAR	2039	2064	118	118	.06394
	118					
R	THE DALLES	2039	2059	1,102	1,102	.06299
	1,102					
R	LOWER MONUMENTAL	2039	2059	278	278	.06299
	278					
R	COUGAR	2039	2054	39	39	.06203
	39					
R	LOOKOUT POINT-DEXTER	2039	2051	35	35	.06146
	35					
R	MCNARY	2039	2051	91	91	.06146
	91					
R	ALBENI FALLS	2039	2051	109	109	.06146
	109					

		Prtg.txt				
R	LOWER MONUMENTAL	2039	2049	10	10	.06108
	10					
R	THE DALLES	2039	2049	1	1	.06108
	1					
R	THE DALLES	2039	2047	63	63	.05999
	63					
R	LOWER GRANITE	2039	2047	29	29	.05999
	29					
R	GREEN PETER-FOSTER	2039	2047	12	12	.05999
	12					

1

APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
	LOWER SNAKE F AND W	2039	2047	98	98	.05999	
R	98						
R	MCNARY	2039	2046	26	26	.05945	
	26						
R	LIBBY	2039	2046	57	57	.05945	
	57						
R	ICE HARBOR	2039	2046	13	13	.05945	
	13						
R	LOWER MONUMENTAL	2039	2046	21	21	.05945	
	21						
R	LOWER SNAKE F AND W	2039	2046	512	512	.05945	
	512						
R	BONNEVILLE	2039	2046	5	5	.05945	

		Prtg.txt					
	R	5					
		LOOKOUT POINT-DEXTER	2039	2046	13	13	.05945
	R	13					
		DETROIT-BIG CLIFF	2039	2044	2	2	.05805
	R	2					
		THE DALLES	2039	2044	38	38	.05805
	R	38					

		TOTAL					
		51,043					
2040		JOHN DAY	2040	2075	40,801	40,801	.06490
	R	40,801					
		JOHN DAY	2040	2050	36	36	.06108
	R	36					
		JOHN DAY	2040	2047	4	4	.05945
	R	4					
		LOST CREEK	2040	2047	1	1	.05945
	R	1					
		JOHN DAY	2040	2045	25	25	.05805
	R	25					

		TOTAL					
		40,867					
2041		LITTLE GOOSE	2041	2076	11,298	11,298	.06490
	R	11,298					
		BONNEVILLE	2041	2091	18,903	18,903	.06490
	R	18,903					
		BONNEVILLE	2041	2066	2,275	2,275	.06394
	R	2,275					
		BONNEVILLE	2041	2061	545	545	.06299
	R	545					
		LITTLE GOOSE	2041	2051	10	10	.06108
	R	10					
		BONNEVILLE	2041	2051	98	98	.06108
	R	98					

		Prtg.txt				
R	LOWER MONUMENTAL	2041	2049	40	40	.05999
	40					
R	LITTLE GOOSE	2041	2048	21	21	.05945
	21					
R	COUGAR	2041	2048	2	2	.05945
	2					
R	BONNEVILLE	2041	2046	73	73	.05805
	73					

TOTAL
33,265

2042	ICE HARBOR	2042	2082	10,415	10,415	.06490
R	10,415					
R	HILLS CREEK	2042	2082	1,420	1,420	.06490
	1,420					
R	MINIDOKA	2042	2067	1,686	1,686	.06394
	1,686					
R	GREEN PETER-FOSTER	2042	2067	393	393	.06394
	393					
R	HILLS CREEK	2042	2062	44	44	.06299
	44					
R	ICE HARBOR	2042	2062	1,305	1,305	.06299
	1,305					
R	GREEN PETER-FOSTER	2042	2057	857	857	.06203
	857					
R	BONNEVILLE	2042	2057	980	980	.06203
	980					

1

APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

Prtg.txt

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	JOHN DAY		2042	2054	140	140	.06146
R		140					
	ICE HARBOR		2042	2052	72	72	.06108
R		72					
	DETROIT-BIG CLIFF		2042	2050	28	28	.05999
R		28					
	ICE HARBOR		2042	2050	24	24	.05999
R		24					

	TOTAL	17,364					
2043	LOWER SNAKE F AND W		2043	2073	1,991	1,991	.06490
R		1,991					
	HUNGRY HORSE		2043	2073	406	406	.06490
R		406					
	THE DALLES		2043	2078	17,056	17,056	.06490
R		17,056					
	DWORSHAK		2043	2078	11,146	11,146	.06490
R		11,146					
	HUNGRY HORSE		2043	2088	5,779	5,779	.06490
R		5,779					
	GREEN PETER-FOSTER		2043	2068	142	142	.06394
R		142					
	LOWER SNAKE F AND W		2043	2063	4,688	4,688	.06299
R		4,688					
	LOWER SNAKE F AND W		2043	2058	1,008	1,008	.06203
R		1,008					
	HUNGRY HORSE		2043	2058	402	402	.06203
R		402					
	GREEN PETER-FOSTER		2043	2058	700	700	.06203
R		700					

		Prtg.txt				
R	LOWER SNAKE F AND W	2043	2055	468	468	.06146
	468					
R	THE DALLES	2043	2055	8	8	.06146
	8					
R	LOWER SNAKE F AND W	2043	2053	933	933	.06108
	933					
R	DWORSHAK	2043	2053	165	165	.06108
	165					
R	LITTLE GOOSE	2043	2051	36	36	.05999
	36					
R	LOOKOUT POINT-DEXTER	2043	2051	5	5	.05999
	5					
R	MCNARY	2043	2051	54	54	.05999
	54					
R	THE DALLES	2043	2050	42	42	.05945
	42					
R	DWORSHAK	2043	2050	15	15	.05945
	15					
R	LOWER SNAKE F AND W	2043	2048	43	43	.05805
	43					

TOTAL
45,087

2044	COUGAR	2044	2084	1,393	1,393	.06490
R	1,393					
R	LOWER MONUMENTAL	2044	2069	767	767	.06394
	767					
R	COUGAR	2044	2064	63	63	.06299
	63					
R	DETROIT-BIG CLIFF	2044	2059	81	81	.06203
	81					
R	DETROIT-BIG CLIFF	2044	2059	261	261	.06203
	261					
R	LOWER MONUMENTAL	2044	2059	1,817	1,817	.06203
	1,817					
R	DETROIT-BIG CLIFF	2044	2054	21	21	.06108
	21					

		Prtg.txt				
R	COUGAR	2044	2052	3	3	.05999
	3					
R	GREEN PETER-FOSTER	2044	2051	15	15	.05945
	15					
R	DETROIT-BIG CLIFF	2044	2049	2	2	.05805
	2					
R	THE DALLES	2044	2049	38	38	.05805
	38					

1

APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	-----	-----					
	TOTAL	4,461					
2045	LOWER GRANITE		2045	2080	7,610	7,610	.06490
R		7,610					
	JOHN DAY		2045	2070	3,115	3,115	.06394
R		3,115					
	M McNARY		2045	2060	411	411	.06203
R		411					
	LOOKOUT POINT-DEXTER		2045	2060	384	384	.06203
R		384					
	LOOKOUT POINT-DEXTER		2045	2060	67	67	.06203
R		67					

		Prtg.txt				
	LIBBY	2045	2060	173	173	.06203
R	173					
	JOHN DAY	2045	2060	1,757	1,757	.06203
R	1,757					
	ALBENI FALLS	2045	2060	48	48	.06203
R	48					
	DWORSHAK	2045	2057	48	48	.06146
R	48					
	MCNARY	2045	2055	146	146	.06108
R	146					
	LOOKOUT POINT-DEXTER	2045	2055	95	95	.06108
R	95					
	LOWER GRANITE	2045	2055	801	801	.06108
R	801					
	ALBENI FALLS	2045	2055	1,005	1,005	.06108
R	1,005					
	DWORSHAK	2045	2053	34	34	.05999
R	34					
	DETROIT-BIG CLIFF	2045	2052	4	4	.05945
R	4					
	LOWER GRANITE	2045	2052	22	22	.05945
R	22					
	JOHN DAY	2045	2050	25	25	.05805
R	25					

	TOTAL					
	15,745					
2046	YAKIMA-CHANDLER	2046	2076	52	52	.06490
R	52					
	LIBBY	2046	2081	8,728	8,728	.06490
R	8,728					
	ICE HARBOR	2046	2081	5,807	5,807	.06490
R	5,807					
	BONNEVILLE	2046	2081	64,487	64,487	.06490
R	64,487					
	YAKIMA-CHANDLER	2046	2091	663	663	.06490
R	663					

		Prtg.txt				
R	LITTLE GOOSE	2046	2071	878	878	.06394
	878					
R	LITTLE GOOSE	2046	2061	1,399	1,399	.06203
	1,399					
R	YAKIMA-CHANDLER	2046	2061	22	22	.06203
	22					
R	BONNEVILLE	2046	2061	2,261	2,261	.06203
	2,261					
R	LIBBY	2046	2056	57	57	.06108
	57					
R	YAKIMA-CHANDLER	2046	2056	52	52	.06108
	52					
R	LOOKOUT POINT-DEXTER	2046	2053	13	13	.05945
	13					
R	LIBBY	2046	2053	57	57	.05945
	57					
R	LOWER SNAKE F AND W	2046	2053	512	512	.05945
	512					
R	ICE HARBOR	2046	2053	13	13	.05945
	13					
R	BONNEVILLE	2046	2053	5	5	.05945
	5					
R	MCNARY	2046	2053	26	26	.05945
	26					
R	LOWER MONUMENTAL	2046	2053	21	21	.05945
	21					

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APPLICATION OF AMORTIZATION GENERATION FY 1997 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT						

		Prtg.txt				
	BONNEVILLE	2046	2051	73	73	.05805
R	73					

	TOTAL					
	85,126					
2047	MINIDOKA	2047	2077	75	75	.06490
R	75					
	BOISE	2047	2077	57	57	.06490
R	57					
	LOST CREEK	2047	2082	1,368	1,368	.06490
R	1,368					
	BONNEVILLE	2047	2082	46	46	.06490
R	46					
	GREEN PETER-FOSTER	2047	2087	1,751	1,751	.06490
R	1,751					
	BOISE	2047	2087	688	688	.06490
R	688					
	MINIDOKA	2047	2092	3,444	3,444	.06490
R	3,444					
	COLUMBIA BASIN	2047	2097	128,783	128,783	.06490
R	128,783					
	COLUMBIA BASIN	2047	2072	40,143	40,143	.06394
R	40,143					
	GREEN PETER-FOSTER	2047	2067	119	119	.06299
R	119					
	COLUMBIA BASIN	2047	2067	4,056	4,056	.06299
R	4,056					
	BOISE	2047	2067	122	122	.06299
R	122					
	MINIDOKA	2047	2062	109	109	.06203
R	109					
	CHIEF JOSEPH	2047	2062	1,189	1,189	.06203
R	1,189					
	BOISE	2047	2062	11	11	.06203

			Prtg.txt			
R		11				
	LOWER GRANITE		2047	2059	19	19 .06146
R		19				
	LOST CREEK		2047	2057	4	4 .06108
R		4				
	GREEN PETER-FOSTER		2047	2057	19	19 .06108
R		19				
	CHIEF JOSEPH		2047	2057	34	34 .06108
R		34				
	MINIDOKA		2047	2057	14	14 .06108
R		14				
	GREEN PETER-FOSTER		2047	2055	12	12 .05999
R		12				
	THE DALLES		2047	2055	63	63 .05999
R		63				
	LOWER SNAKE F AND W		2047	2055	98	98 .05999
R		98				
	LOWER GRANITE		2047	2055	29	29 .05999
R		29				
	JOHN DAY		2047	2054	4	4 .05945
R		4				
	LOST CREEK		2047	2054	1	1 .05945
R		1				

TOTAL
182,258

0 GRAND TOTAL
7,102,997
0 TOTAL DEFERRAL
0

0 NET
7,102,997

1
1 INPUT CARDS ONLY
N1 REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL

N2 OCTOBER 1,1997 - SEPTEMBER 30,1998 COST EVALUATION PERIOD
N3 REPAY 98 GS6 - GENERATION, FINAL, 1996 RATE CASE DEBT BUYOUT
N0 GENERATION

11996 0 0 780762 199820482048
OHISTORICAL YEAR: 1996
HISTORICAL CUMULATIVE REVENUES: 0
HISTORICAL CUMULATIVE PURCHASE & EXCHANGE: 0
HISTORICAL CUMULATIVE IRRIGATION INVESTMENT: 780762
YEAR OF THE RATE CHANGE: 1998
LAST YEAR OF REPAYMENT PERIOD: 2048

INTEREST RATES OF INTEREST INCOME

1X07495 07492

INTEREST RATES OF NEW DEFERRALS

1Y06500 06250

OPERATING YEAR FACTORS

1F75000 75000

PROJECTED REVENUE

21997	1101765	1033376	1033376	1033376	1033376	1033376	1033376	7302021
22003	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22010	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22017	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22024	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22031	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22038	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22045	1033376	1033376	1033376	1033376	1033376	1033376		5166880
	8335397	8267008	8267008	8267008	8267008	7233632	7233632	55870693 = TOT

AL FOR 2

PROJECTED IRRIGATION ASSISTANCE

Prtg.txt

	NEW INVESTMENT	NEW INVESTMENT	NEW INVESTMENT	
31997	0	0	0	0
31999	0	0	0	0
32002	0	0	0	0
32005	0	0	0	0
32008	0	6942	6566	13508
32011	3476	19793	37530	60799
32014	5107	5394	35253	45754
32017	51187	10902	21258	83347
32020	39207	39049	29080	107336
32023	41806	20037	33228	95071
32026	32228	33386	44797	110411
32029	29963	29963	44797	104723
32032	40424	40424	29207	110055
32035	28549	28708	29310	86567
32038	29311	33835	33836	96982
32041	34694	34695	32941	102330
32044	32941	33099	39725	105765
32046	39883			39883
	408776	336227	417528	1162531 = TOT

AL FOR 3

CAPITALIZED CONTRACTUAL OBLIGATIONS

41997	564891	586918	656768	661105	656467	609090	683103	4418342
42003	614274	578291	595609	612092	612232	594520	594870	4201888
42010	593973	587868	391658	392094	389132	368278	259963	2982966
42017	88991	262154	262159	259220	259718	259941	246476	1638659
42024	245874	245028	245028	245028	245028	245028	245028	1716042
42031	245028	245028	245028	245028	245028	245028	245028	1715196
42038	245028	245028	245028	245028	245028	245028	245028	1715196
42045	245028	245028	245028					735084
	2843087	2995343	2886306	2659595	2652633	2566913	2519496	19123373 = TOT

AL FOR 4

	Prtg.txt
5	ALBE ALBENI FALLS
5	BOIS BOISE
5	BON2 BONNEVILLE - 2ND POWER HOUSE
5	BONN BONNEVILLE
5	CHIE CHIEF JOSEPH
5	COL3 COLUMBIA BASIN - 3RD PWR HOUSE
5	COLU COLUMBIA BASIN
5	COUG COUGAR
5	CRFB COLUMBIA RIVER FISH MITIGATION
5	DETR DETROIT-BIG CLIFF
5	DWOR DWORSHAK
5	GREE GREEN PETER-FOSTER
5	HILL HILLS CREEK
5	HUNG HUNGRY HORSE
5	ICEF ICE HARBOR FISH BYPASS
5	ICEH ICE HARBOR
5	JOHN JOHN DAY
5	LIBB LIBBY
5	LITF LITTLE GOOSE FISH BYPASS
5	LITT LITTLE GOOSE
5	LOGF LOWER GRANITE FISH BYPASS
5	LOMF LOWER MONUMENTAL FISH BYPASS
5	LOOK LOOKOUT POINT-DEXTER
5	LOST LOST CREEK
5	LOWG LOWER GRANITE
5	LOWM LOWER MONUMENTAL
5	LSFW LOWER SNAKE F AND W
5	MCNA MCNARY
5	MCNF MCNARY FISH BYPASS
5	MINI MINIDOKA
5	STRU STRUBE
5	THED THE DALLEES
5	YAKC YAKIMA-CHANDLER
5	YAKR YAKIMA-ROZA
5	ZABF BPA PROGRAM
5	ZACO BPA CONSERVATION
5	ZADB BUREAU DIRECT FUND
5	ZAFW FISH, WILDLIFE & ENVIRONMENTAL
5	ZBPA BONNEVILLE POWER ADMINISTRATION

IRRIGATION ASSISTANCE

5 ZIRR

		HISTORICAL		
		O & M	INTEREST	
5	ALBEX	43638	27935	71573
5	BOISX	35564	1171	36735
5	BONNX	149194	379685	528879
5	CHIEX	147058	325150	472208
5	COLUX	412704	493414	906118
5	COUGX	7849	13639	21488
5	CRFBX	0	7837	7837
5	DETRX	26797	35515	62312
5	DWORX	81063	173035	254098
5	GREEX	23532	35008	58540
5	HILLX	7597	14019	21616
5	HUNGX	33399	48448	81847
5	ICEHX	62792	100291	163083
5	JOHNX	121309	261142	382451
5	LIBBX	51137	253192	304329
5	LITTX	61336	147440	208776
5	LOOKX	30917	43160	74077
5	LOSTX	13786	15568	29354
5	LOWGX	80412	198210	278622
5	LOWMX	59475	161593	221068
5	LSFWX	97877	95714	193591
5	MCNAX	158849	237110	395959
5	MINIX	75561	2758	78319
5	THEDX	116284	226372	342656
5	YAKCX	18578	2811	21389
5	YAKRX	8509	824	9333
5	ZBPAX	0	0	0
5	ZACOX	0	0	0
		1925217	3301041	5226258 = TOT

AL FOR 5

PROJECTED O & M

61996ALBE	152269
61997ALBE	3843

61998ALBE	3945
61997BOIS	1944
61998BOIS	2064
61997BONN	10575
61998BONN	10858
61997CHIE	10596
61998CHIE	10879
61997COLU	28999
61998COLU	30756
61997COUG	588
61998COUG	604
61997DETR	1786
61998DETR	1834
61997DWOR	6844
61998DWOR	7024
61997GREE	1763
61998GREE	1810
61997HILL	488
61998HILL	501
61997HUNG	1088
61998HUNG	1158
61997ICEH	5001
61998ICEH	5132
61997JOHN	9874
61998JOHN	10138
61997LIBB	3380
61998LIBB	3470
61997LITT	4085
61998LITT	4194
61997LOOK	2233
61998LOOK	2293
61997LOST	1388
61998LOST	1425
61997LOWG	5843
61998LOWG	5999
61997LOWM	6202
61998LOWM	6367
61997LSFW	15384
61998LSFW	16082

61997MCNA 9745
 61998MCNA 10005
 61997MINI 3703
 61998MINI 3979
 61997THED 8014
 61998THED 8228
 61997YAKC 483
 61998YAKC 517
 61997YAKR 754
 61998YAKR 798
 446932

446932 = TOT

AL FOR 6

61994ZABF 0
 0

0 = TOT

AL FOR 6

HISTORICAL FEDERAL INVESTMENTS

			ORIGINAL	CURRENT	INTEREST	DUE	INSERVICE	CALENDAR
	PROJECT		PRINCIPAL	PRINCIPAL	RATE	DATE	DATE	MONTH
6	1996	ALBE X	26590	17950	.06050	2005	1955	
6	1996	ALBE X	12	12	.06050	2005 R	1956	
6	1996	ALBE X	11	11	.06050	2005 R	1957	
6	1996	ALBE X	12	12	.06050	2005 R	1958	
6	1996	ALBE X	12	12	.06050	2005 R	1959	
6	1996	ALBE X	11	11	.06050	2005 R	1960	
6	1996	ALBE X	12	12	.06050	2005 R	1961	
6	1996	ALBE X	12	12	.06050	2005 R	1962	
6	1996	ALBE X	11	11	.06050	2005 R	1963	
6	1996	ALBE X	12	12	.06050	2005 R	1964	
6	1996	ALBE X	12	12	.06050	2005 R	1965	
6	1996	ALBE X	11	11	.06050	2005 R	1966	
6	1996	ALBE X	12	12	.06050	2005 R	1967	
6	1996	ALBE X	12	12	.06050	2005 R	1968	

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6	1996	ALBE	X	11	11	.06050	2005 R	1969
6	1996	ALBE	X	12	12	.06050	2005 R	1970
6	1996	ALBE	X	12	12	.06050	2005 R	1971
6	1996	ALBE	X	11	11	.06050	2005 R	1972
6	1996	ALBE	X	12	12	.06050	2005 R	1973
6	1996	ALBE	X	12	12	.06050	2005 R	1974
6	1996	ALBE	X	11	11	.06050	2005 R	1975
6	1996	ALBE	X	12	12	.06050	2005 R	1976
6	1996	ALBE	X	12	12	.06050	2005 R	1977
6	1996	ALBE	X	11	11	.06050	2005 R	1978
6	1996	ALBE	X	12	12	.06050	2005 R	1979
6	1996	ALBE	X	12	12	.06050	2005 R	1980
6	1996	ALBE	X	11	11	.06050	2005 R	1981
6	1996	ALBE	X	12	12	.06050	2005 R	1982
6	1996	ALBE	X	12	12	.06050	2005 R	1983
6	1996	ALBE	X	7	7	.06050	2005	1985
6	1996	ALBE	X	312	312	.06050	2005	1986
6	1996	ALBE	X	15	0	.08875	2005 R	1987
6	1996	ALBE	X	12	12	.06050	2005	1987
6	1996	ALBE	X	328	0	.08500	2005 R	1988
6	1996	ALBE	X	221	0	.09250	2005 R	1989
6	1996	ALBE	X	1287	0	.08875	2005	1990
6	1996	ALBE	X	43	0	.08750	2005 R	1991
6	1996	ALBE	X	111	0	.08750	2005	1991
6	1996	ALBE	X	7	0	.08500	2005 R	1992
6	1996	ALBE	X	106	0	.08500	2005	1992
6	1996	ALBE	X	714	0	.07875	2005 R	1993
6	1996	ALBE	X	295	0	.07875	2005	1993
6	1996	ALBE	X	61	0	.07125	2019 R	1994
6	1996	ALBE	X	173	0	.07125	2019	1994
6	1996	ALBE	X	1158	1158	.06490	2045	1995
6	1996	ALBE	X	57	57	.06180	2010	1995
6	1996	ALBE	X	550	550	.06490	2045	1995
6	1996	ALBE	X	18	18	.06180	2010	1995
6	1996	ALBE	X	461	461	.06490	2045	1995
6	1996	BOIS	X	1249	0	.03000	1962	1912
6	1996	BOIS	X	832	0	.03000	1976	1926
6	1996	BOIS	X	416	0	.03000	2000	1950
6	1996	BOIS	X	1873	0	.03000	2001	1951

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6	1996	BOIS X	11	0	.03000	2001 R	1952
6	1996	BOIS X	11	0	.03000	2001 R	1953
6	1996	BOIS X	11	0	.03000	2001 R	1954
6	1996	BOIS X	11	0	.03000	2001 R	1955
6	1996	BOIS X	11	0	.03000	2001 R	1956
6	1996	BOIS X	11	0	.03000	2001 R	1957
6	1996	BOIS X	11	0	.03000	2001 R	1958
6	1996	BOIS X	11	0	.03000	2001 R	1959
6	1996	BOIS X	11	0	.03000	2001 R	1960
6	1996	BOIS X	11	0	.03000	2001 R	1961
6	1996	BOIS X	11	0	.03000	2001 R	1962
6	1996	BOIS X	11	0	.03000	2001 R	1963
6	1996	BOIS X	11	0	.03000	2001 R	1964
6	1996	BOIS X	11	0	.03000	2001 R	1965
6	1996	BOIS X	11	0	.03000	2001 R	1966
6	1996	BOIS X	11	0	.03000	2001 R	1967
6	1996	BOIS X	11	0	.03000	2001 R	1968
6	1996	BOIS X	11	0	.03000	2001 R	1969
6	1996	BOIS X	11	0	.03000	2001 R	1970
6	1996	BOIS X	11	0	.03000	2001 R	1971
6	1996	BOIS X	11	0	.03000	2001 R	1972
6	1996	BOIS X	11	0	.03000	2001 R	1973
6	1996	BOIS X	11	0	.03000	2001 R	1974
6	1996	BOIS X	11	0	.03000	2001 R	1975
6	1996	BOIS X	11	0	.03000	2001 R	1976
6	1996	BOIS X	11	0	.03000	2001 R	1977
6	1996	BOIS X	11	0	.03000	2001 R	1978
6	1996	BOIS X	11	0	.03000	2001 R	1979
6	1996	BOIS X	18	0	.03000	2001 R	1980
6	1996	BOIS X	8	0	.03000	2001 R	1981
6	1996	BOIS X	1	0	.03000	2001 R	1982
6	1996	BOIS X	1	0	.03000	2001 R	1983
6	1996	BOIS X	1325	0	.10750	2001 R	1984
6	1996	BOIS X	107	93	.05810	2001	1986
6	1996	BOIS X	3	0	.08500	2001	1988
6	1996	BOIS X	3264	0	.09250	2001 R	1989
6	1996	BOIS X	38	0	.08875	2001 R	1990
6	1996	BOIS X	50	0	.08750	2001 R	1991
6	1996	BOIS X	418	0	.07875	2001	1993

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6	1996	BOIS	X	7	0	.07125	1999	R	1994	
6	1996	BOIS	X	1	0	.07125	2000		1995	
6	1996	BON2	X	45122	45122	.06490	2031	A	1981	
6	1996	BON2	X	224281	224281	.06490	2032	A	1982	
6	1996	BON2	X	68791	68791	.06490	2033	A	1983	
6	1996	BON2	X	10072	10072	.06490	2033	A	1985	
6	1996	BON2	X	33705	33705	.06490	2033	A	1986	
6	1996	BON2	X	3088	3088	.06490	2033	A	1987	
6	1996	BON2	X	1402	1402	.06490	2033	A	1988	
6	1996	BON2	X	1357	1357	.06490	2033	A	1989	
6	1996	BON2	X	1750	1750	.06490	2033	A	1990	
6	1996	BON2	X	3998	0	.08750	2033	A	1991	
6	1996	BON2	X	26	0	.08750	2033	R	1991	
6	1996	BON2	X	2446	0	.08500	2033	A	1992	
6	1996	BON2	X	3668	0	.07875	2033	A	1993	
6	1996	BON2	X	6242	6242	.06490	2044	A	1994	
6	1996	BONN	X	11726	0	.02500	1988		1938	
6	1996	BONN	X	17589	0	.02500	1991		1941	
6	1996	BONN	X	5863	0	.02500	1992		1942	
6	1996	BONN	X	17589	0	.02500	1993		1943	
6	1996	BONN	X	5860	0	.02500	1994		1944	
6	1996	BONN	X	82	0	.02500	1994	R	1945	
6	1996	BONN	X	81	0	.02500	1994	R	1946	
6	1996	BONN	X	82	0	.02500	1994	R	1947	
6	1996	BONN	X	81	0	.02500	1994	R	1948	
6	1996	BONN	X	82	0	.02500	1994	R	1949	
6	1996	BONN	X	81	0	.02500	1994	R	1950	
6	1996	BONN	X	81	0	.02500	1994	R	1951	
6	1996	BONN	X	82	0	.02500	1994	R	1952	
6	1996	BONN	X	81	0	.02500	1994	R	1953	
6	1996	BONN	X	82	0	.02500	1994	R	1954	
6	1996	BONN	X	81	0	.02500	1994	R	1955	
6	1996	BONN	X	81	0	.02500	1994	R	1956	
6	1996	BONN	X	82	0	.02500	1994	R	1957	
6	1996	BONN	X	81	0	.02500	1994	R	1958	
6	1996	BONN	X	82	0	.02500	1994	R	1959	
6	1996	BONN	X	81	0	.02500	1994	R	1960	
6	1996	BONN	X	81	0	.02500	1994	R	1961	
6	1996	BONN	X	82	0	.02500	1994	R	1962	

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6	1996	BONN	X	81	0	.02500	1994 R	1963
6	1996	BONN	X	82	0	.02500	1994 R	1964
6	1996	BONN	X	81	0	.02500	1994 R	1965
6	1996	BONN	X	81	0	.02500	1994 R	1966
6	1996	BONN	X	82	0	.02500	1994 R	1967
6	1996	BONN	X	81	0	.02500	1994 R	1968
6	1996	BONN	X	82	0	.02500	1994 R	1969
6	1996	BONN	X	81	0	.02500	1994 R	1970
6	1996	BONN	X	81	0	.02500	1994 R	1971
6	1996	BONN	X	82	0	.02500	1994 R	1972
6	1996	BONN	X	81	0	.02500	1994 R	1973
6	1996	BONN	X	82	0	.02500	1994 R	1974
6	1996	BONN	X	81	0	.02500	1994 R	1975
6	1996	BONN	X	81	0	.02500	1994 R	1976
6	1996	BONN	X	17225	17225	.06490	2027 B	1977
6	1996	BONN	X	82	0	.02500	1994 R	1977
6	1996	BONN	X	81	0	.02500	1994 R	1978
6	1996	BONN	X	82	0	.02500	1994 R	1979
6	1996	BONN	X	81	0	.02500	1994 R	1980
6	1996	BONN	X	81	0	.02500	1994 R	1981
6	1996	BONN	X	82	0	.02500	1994 R	1982
6	1996	BONN	X	81	0	.02500	1994 R	1983
6	1996	BONN	X	873	0	.10750	1994 R	1984
6	1996	BONN	X	119	0	.02500	1994	1985
6	1996	BONN	X	454	0	.11375	1994 R	1986
6	1996	BONN	X	555	0	.02500	1994	1986
6	1996	BONN	X	26	0	.08875	1994 R	1987
6	1996	BONN	X	260	0	.02500	1994	1987
6	1996	BONN	X	4199	0	.08500	1994	1988
6	1996	BONN	X	10	0	.08500	1994 R	1988
6	1996	BONN	X	877	0	.09250	1994 R	1989
6	1996	BONN	X	519	0	.08875	1994 R	1990
6	1996	BONN	X	651	0	.08875	1994 A	1990
6	1996	BONN	X	35	0	.08750	1994 R	1991
6	1996	BONN	X	3193	0	.08750	1994	1991
6	1996	BONN	X	99	0	.08500	1994 R	1992
6	1996	BONN	X	25	0	.08500	1994	1992
6	1996	BONN	X	5011	0	.07875	2018	1993
6	1996	BONN	X	536	0	.07125	2029 A	1994

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6	1996	BONN	X	3953	3953	.06490	2045	1995
6	1996	BONN	X	425	425	.06490	2045	1995
6	1996	BONN	X	60	60	.06490	2030	1995
6	1996	BONN	X	9	0	.08500	2000	1995
6	1996	BONN	X	345	345	.06490	2045 R	1995
6	1996	BONN	X	26	26	.06180	2010	1995
6	1996	BONN	X	432	432	.06490	2045 R	1995
6	1996	BONN	X	113	113	.06490	2035	1995
6	1996	BONN	X	496	496	.06490	2045	1995
6	1996	BONN	X	22	22	.06380	2020 R	1995
6	1996	BONN	X	23	23	.06380	2020 R	1995
6	1996	CHIE	X	28460	2409	.06050	2005	1955
6	1996	CHIE	X	14590	14590	.06110	2006	1956
6	1996	CHIE	X	42597	42597	.06130	2007	1957
6	1996	CHIE	X	34568	34568	.06150	2008	1958
6	1996	CHIE	X	242	242	.06150	2008 R	1959
6	1996	CHIE	X	242	242	.06150	2008 R	1960
6	1996	CHIE	X	242	242	.06150	2008 R	1961
6	1996	CHIE	X	242	242	.06150	2008 R	1962
6	1996	CHIE	X	243	243	.06150	2008 R	1963
6	1996	CHIE	X	242	242	.06150	2008 R	1964
6	1996	CHIE	X	242	242	.06150	2008 R	1965
6	1996	CHIE	X	242	242	.06150	2008 R	1966
6	1996	CHIE	X	242	242	.06150	2008 R	1967
6	1996	CHIE	X	243	243	.06150	2008 R	1968
6	1996	CHIE	X	242	242	.06150	2008 R	1969
6	1996	CHIE	X	242	242	.06150	2008 R	1970
6	1996	CHIE	X	242	242	.06150	2008 R	1971
6	1996	CHIE	X	242	242	.06150	2008 R	1972
6	1996	CHIE	X	243	243	.06150	2008 R	1973
6	1996	CHIE	X	242	242	.06150	2008 R	1974
6	1996	CHIE	X	242	242	.06150	2008 R	1975
6	1996	CHIE	X	242	242	.06150	2008 R	1976
6	1996	CHIE	X	33539	33539	.06490	2027 A	1977
6	1996	CHIE	X	242	242	.06150	2008 R	1977
6	1996	CHIE	X	83229	83229	.06490	2028 A	1978
6	1996	CHIE	X	243	243	.06150	2008 R	1978
6	1996	CHIE	X	66118	66118	.06490	2029 A	1979
6	1996	CHIE	X	242	242	.06150	2008 R	1979

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6	1996	CHIE	X	242	242	.06150	2008	R	1980
6	1996	CHIE	X	242	242	.06150	2008	R	1981
6	1996	CHIE	X	242	242	.06150	2008	R	1982
6	1996	CHIE	X	243	243	.06150	2008	R	1983
6	1996	CHIE	X	909	0	.10750	2008	R	1984
6	1996	CHIE	X	18018	18018	.06490	2029	A	1985
6	1996	CHIE	X	50	50	.06150	2008		1985
6	1996	CHIE	X	5902	5902	.06490	2029	A	1986
6	1996	CHIE	X	104	0	.08875	2008	R	1987
6	1996	CHIE	X	3341	3341	.06490	2029	A	1987
6	1996	CHIE	X	2996	2996	.06490	2029	A	1988
6	1996	CHIE	X	327	0	.09250	2008	R	1989
6	1996	CHIE	X	2451	2451	.06490	2029	A	1989
6	1996	CHIE	X	4958	4958	.06490	2029		1990
6	1996	CHIE	X	1024	0	.08875	2008	A	1990
6	1996	CHIE	X	3840	0	.08750	2029	A	1991
6	1996	CHIE	X	34	0	.08750	2008	R	1991
6	1996	CHIE	X	293	0	.08750	2008		1991
6	1996	CHIE	X	2032	0	.08500	2029	A	1992
6	1996	CHIE	X	142	0	.08500	2008	R	1992
6	1996	CHIE	X	717	0	.08500	2008		1992
6	1996	CHIE	X	42	0	.07875	2008	R	1993
6	1996	CHIE	X	794	0	.07875	2008		1993
6	1996	CHIE	X	1360	0	.07875	2029	A	1993
6	1996	CHIE	X	129	0	.07125	2029		1994
6	1996	CHIE	X	65	0	.07125	2029	R	1994
6	1996	CHIE	X	4662	4399	.06490	2044	A	1994
6	1996	CHIE	X	822	822	.06490	2045		1995
6	1996	CHIE	X	739	739	.06490	2045		1995
6	1996	CHIE	X	151	151	.06490	2045		1995
6	1996	CHIE	X	584	584	.06490	2045	R	1995
6	1996	CHIE	X	16	16	.06180	2010		1995
6	1996	COL3	X	51376	43303	.06470	2025	A	1975
6	1996	COL3	X	45432	45432	.06490	2026	A	1976
6	1996	COL3	X	47042	47042	.06490	2027	A	1977
6	1996	COL3	X	46671	46671	.06490	2028	A	1978
6	1996	COL3	X	92643	92643	.06490	2029	A	1979
6	1996	COL3	X	786	786	.06490	2033	B	1983
6	1996	COL3	X	14343	14343	.06490	2033	A	1983

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6	1996	COL3	X	18714	18714	.06490	2033	A	1984
6	1996	COL3	X	14552	14552	.06490	2033	A	1984
6	1996	COL3	X	46077	46077	.06490	2033	A	1985
6	1996	COL3	X	118	118	.06490	2033		1985
6	1996	COL3	X	17139	17139	.06490	2033	A	1986
6	1996	COL3	X	15928	15928	.06490	2033	A	1987
6	1996	COL3	X	4800	4800	.06490	2033	A	1988
6	1996	COL3	X	12026	12026	.06490	2033	A	1989
6	1996	COL3	X	7041	7041	.06490	2033	A	1990
6	1996	COL3	X	39	0	.08750	2033	A	1991
6	1996	COL3	X	1360	0	.08500	2033	A	1992
6	1996	COL3	X	12962	0	.07875	2033	A	1993
6	1996	COL3	X	13832	13832	.06490	2044	A	1994
6	1996	COLU	X	10919	0	.03000	1991		1941
6	1996	COLU	X	16165	0	.03000	1992		1942
6	1996	COLU	X	8083	0	.03000	1993		1943
6	1996	COLU	X	16165	0	.03000	1994		1944
6	1996	COLU	X	24247	0	.03000	1998		1948
6	1996	COLU	X	24247	0	.03000	1999		1949
6	1996	COLU	X	16165	0	.03000	2000		1950
6	1996	COLU	X	31397	8025	.05810	2001		1951
6	1996	COLU	X	269	269	.05810	2001	R	1952
6	1996	COLU	X	269	269	.05810	2001	R	1953
6	1996	COLU	X	269	269	.05810	2001	R	1954
6	1996	COLU	X	269	269	.05810	2001	R	1955
6	1996	COLU	X	270	270	.05810	2001	R	1956
6	1996	COLU	X	269	269	.05810	2001	R	1957
6	1996	COLU	X	269	269	.05810	2001	R	1958
6	1996	COLU	X	269	269	.05810	2001	R	1959
6	1996	COLU	X	269	269	.05810	2001	R	1960
6	1996	COLU	X	270	270	.05810	2001	R	1961
6	1996	COLU	X	269	269	.05810	2001	R	1962
6	1996	COLU	X	269	269	.05810	2001	R	1963
6	1996	COLU	X	269	269	.05810	2001	R	1964
6	1996	COLU	X	269	269	.05810	2001	R	1965
6	1996	COLU	X	270	270	.05810	2001	R	1966
6	1996	COLU	X	269	269	.05810	2001	R	1967
6	1996	COLU	X	269	269	.05810	2001	R	1968
6	1996	COLU	X	269	269	.05810	2001	R	1969

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6	1996	COLU	X	269	269	.05810	2001 R 1970
6	1996	COLU	X	270	270	.05810	2001 R 1971
6	1996	COLU	X	269	269	.05810	2001 R 1972
6	1996	COLU	X	269	269	.05810	2001 R 1973
6	1996	COLU	X	269	269	.05810	2001 R 1974
6	1996	COLU	X	269	269	.05810	2001 R 1975
6	1996	COLU	X	270	270	.05810	2001 R 1976
6	1996	COLU	X	269	269	.05810	2001 R 1977
6	1996	COLU	X	269	269	.05810	2001 R 1978
6	1996	COLU	X	269	269	.05810	2001 R 1979
6	1996	COLU	X	269	269	.05810	2001 R 1980
6	1996	COLU	X	270	270	.05810	2001 R 1981
6	1996	COLU	X	269	269	.05810	2001 R 1982
6	1996	COLU	X	269	269	.05810	2001 R 1983
6	1996	COLU	X	7815	0	.10750	2001 R 1984
6	1996	COLU	X	7338	0	.12375	2001 R 1985
6	1996	COLU	X	245	245	.05810	2001 R 1985
6	1996	COLU	X	132	132	.05810	2001 R 1986
6	1996	COLU	X	13	13	.05810	2001 R 1987
6	1996	COLU	X	184	0	.08500	2001 R 1988
6	1996	COLU	X	1166	0	.09250	2001 R 1989
6	1996	COLU	X	928	0	.08875	2001 R 1990
6	1996	COLU	X	177	0	.08750	2001 R 1991
6	1996	COLU	X	1661	0	.08750	2001 R 1991
6	1996	COLU	X	445	0	.08500	2001 R 1992
6	1996	COLU	X	792	0	.07875	2001 R 1993
6	1996	COLU	X	858	858	.06320	2017 B 1967
6	1996	COLU	X	25	0	.07875	2000 R 1995
6	1996	COLU	X	221	221	.06380	2020 R 1995
6	1996	COLU	X	908	908	.06490	2045 R 1995
6	1996	COLU	X	519	519	.06490	2045 R 1995
6	1996	COLU	X	384	384	.06490	2045 R 1995
6	1996	COLU	X	367	367	.06490	2030 R 1995
6	1996	COLU	X	283	0	.10750	2030 R 1995
6	1996	COLU	X	437	0	.12375	2030 R 1995
6	1996	COLU	X	249	0	.12375	2030 R 1995
6	1996	COUG	X	11545	10173	.06260	2014 R 1964
6	1996	COUG	X	22	22	.06260	2014 R 1965
6	1996	COUG	X	22	22	.06260	2014 R 1966

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6	1996	COUG	X	22	22	.06260	2014	R	1967			
6	1996	COUG	X	22	22	.06260	2014	R	1968			
6	1996	COUG	X	22	22	.06260	2014	R	1969			
6	1996	COUG	X	22	22	.06260	2014	R	1970			
6	1996	COUG	X	22	22	.06260	2014	R	1971			
6	1996	COUG	X	22	22	.06260	2014	R	1972			
6	1996	COUG	X	22	22	.06260	2014	R	1973			
6	1996	COUG	X	22	22	.06260	2014	R	1974			
6	1996	COUG	X	22	22	.06260	2014	R	1975			
6	1996	COUG	X	22	22	.06260	2014	R	1976			
6	1996	COUG	X	22	22	.06260	2014	R	1977			
6	1996	COUG	X	22	22	.06260	2014	R	1978			
6	1996	COUG	X	22	22	.06260	2014	R	1979			
6	1996	COUG	X	22	22	.06260	2014	R	1980			
6	1996	COUG	X	22	22	.06260	2014	R	1981			
6	1996	COUG	X	22	22	.06260	2014	R	1982			
6	1996	COUG	X	22	22	.06260	2014	R	1983			
6	1996	COUG	X	1	0	.10750	2014	R	1984			
6	1996	COUG	X	1	1	.06260	2014		1985			
6	1996	COUG	X	55	0	.11375	2014	R	1986			
6	1996	COUG	X	117	117	.06260	2014		1986			
6	1996	COUG	X	51	51	.06260	2014		1987			
6	1996	COUG	X	2	0	.08500	2014		1988			
6	1996	COUG	X	6	0	.09250	2014	R	1989			
6	1996	COUG	X	10	0	.08875	2014	R	1990			
6	1996	COUG	X	1015	0	.08750	2014	R	1991			
6	1996	COUG	X	1	0	.08750	2014		1991			
6	1996	COUG	X	2	0	.08500	2014	R	1992			
6	1996	COUG	X	539	0	.07875	2014		1993			
6	1996	COUG	X	31	0	.07125	2019	A	1994			
6	1996	COUG	X	3	0	.07250	2000		1995			
6	1996	CRFB	X	3969	0	.08500	2041		1991			
6	1996	CRFB	X	874	0	.08500	2042		1992			
6	1996	CRFB	X	85846	0	.08500	2043		1993			
6	1996	CRFB	X	39454	0	.08500	2044		1994			
6	1996	CRFB	X	45036	45036	.06490	2045		1995			
6	1996	DETR	X	12699	3244	.05950	2003		1953			
6	1996	DETR	X	21373	21373	.06000	2004		1954			
6	1996	DETR	X	19	19	.06000	2004	R	1955			

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6	1996	DETR	X	20	20	.06000	2004	R	1956
6	1996	DETR	X	19	19	.06000	2004	R	1957
6	1996	DETR	X	20	20	.06000	2004	R	1958
6	1996	DETR	X	19	19	.06000	2004	R	1959
6	1996	DETR	X	20	20	.06000	2004	R	1960
6	1996	DETR	X	19	19	.06000	2004	R	1961
6	1996	DETR	X	20	20	.06000	2004	R	1962
6	1996	DETR	X	19	19	.06000	2004	R	1963
6	1996	DETR	X	20	20	.06000	2004	R	1964
6	1996	DETR	X	19	19	.06000	2004	R	1965
6	1996	DETR	X	20	20	.06000	2004	R	1966
6	1996	DETR	X	19	19	.06000	2004	R	1967
6	1996	DETR	X	20	20	.06000	2004	R	1968
6	1996	DETR	X	19	19	.06000	2004	R	1969
6	1996	DETR	X	20	20	.06000	2004	R	1970
6	1996	DETR	X	19	19	.06000	2004	R	1971
6	1996	DETR	X	20	20	.06000	2004	R	1972
6	1996	DETR	X	19	19	.06000	2004	R	1973
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6	1996	DETR	X	19	19	.06000	2004	R	1975
6	1996	DETR	X	20	20	.06000	2004	R	1976
6	1996	DETR	X	19	19	.06000	2004	R	1977
6	1996	DETR	X	20	20	.06000	2004	R	1978
6	1996	DETR	X	19	19	.06000	2004	R	1979
6	1996	DETR	X	20	20	.06000	2004	R	1980
6	1996	DETR	X	19	19	.06000	2004	R	1981
6	1996	DETR	X	20	20	.06000	2004	R	1982
6	1996	DETR	X	19	19	.06000	2004	R	1983
6	1996	DETR	X	21	0	.10750	2004	R	1984
6	1996	DETR	X	6	6	.06000	2004		1985
6	1996	DETR	X	38	0	.11375	2004	R	1986
6	1996	DETR	X	233	0	.08875	2004	R	1987
6	1996	DETR	X	3	3	.06000	2004		1987
6	1996	DETR	X	68	0	.08500	2004	R	1988
6	1996	DETR	X	26	0	.09250	2004	R	1989
6	1996	DETR	X	115	0	.08875	2004		1990
6	1996	DETR	X	9	0	.08750	2004	R	1991
6	1996	DETR	X	20	0	.08750	2004		1991
6	1996	DETR	X	8	0	.08500	2004		1992

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6	1996	DETR	X	211	0	.07875	2004	1993
6	1996	DETR	X	7	0	.07125	1999 R	1994
6	1996	DETR	X	13	0	.07250	2000	1995
6	1996	DWOR	X	153906	148459	.06430	2023	1973
6	1996	DWOR	X	575	575	.06430	2023 R	1974
6	1996	DWOR	X	578	578	.06430	2023 R	1975
6	1996	DWOR	X	578	578	.06430	2023 R	1976
6	1996	DWOR	X	578	578	.06430	2023 R	1977
6	1996	DWOR	X	578	578	.06430	2023 R	1978
6	1996	DWOR	X	578	578	.06430	2023 R	1979
6	1996	DWOR	X	578	578	.06430	2023 R	1980
6	1996	DWOR	X	578	578	.06430	2023 R	1981
6	1996	DWOR	X	578	578	.06430	2023 R	1982
6	1996	DWOR	X	584	584	.06430	2023 R	1983
6	1996	DWOR	X	2499	0	.10750	2023 R	1984
6	1996	DWOR	X	1273	1273	.06430	2023	1985
6	1996	DWOR	X	220	220	.06430	2023	1986
6	1996	DWOR	X	65	0	.08875	2023 R	1987
6	1996	DWOR	X	31	6	.06430	2023	1987
6	1996	DWOR	X	61	0	.08500	2023 R	1988
6	1996	DWOR	X	63	0	.09250	2023 R	1989
6	1996	DWOR	X	245	0	.08875	2023 R	1990
6	1996	DWOR	X	24	0	.08875	2023	1990
6	1996	DWOR	X	224	0	.08750	2023	1991
6	1996	DWOR	X	4	0	.02625	2023	1992
6	1996	DWOR	X	28	0	.08500	2023 R	1992
6	1996	DWOR	X	24	0	.08500	2023	1992
6	1996	DWOR	X	41	0	.07875	2023 R	1993
6	1996	DWOR	X	1872	0	.07875	2023	1993
6	1996	DWOR	X	1351	0	.07125	2029 R	1994
6	1996	DWOR	X	964	0	.07125	2029 A	1994
6	1996	DWOR	X	57	0	.09250	2020	1995
6	1996	DWOR	X	1202	1202	.06490	2045	1995
6	1996	DWOR	X	227	227	.06490	2030	1995
6	1996	GREE	X	14520	13547	.06320	2017	1967
6	1996	GREE	X	13828	13828	.06340	2018	1968
6	1996	GREE	X	45	45	.06340	2018 R	1969
6	1996	GREE	X	45	45	.06340	2018 R	1970
6	1996	GREE	X	45	45	.06340	2018 R	1971

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6	1996	GREE	X	45	45	.06340	2018 R	1972
6	1996	GREE	X	45	45	.06340	2018 R	1973
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6	1996	GREE	X	45	45	.06340	2018 R	1976
6	1996	GREE	X	45	45	.06340	2018 R	1977
6	1996	GREE	X	45	45	.06340	2018 R	1978
6	1996	GREE	X	45	45	.06340	2018 R	1979
6	1996	GREE	X	45	45	.06340	2018 R	1980
6	1996	GREE	X	45	45	.06340	2018 R	1981
6	1996	GREE	X	45	45	.06340	2018 R	1982
6	1996	GREE	X	45	45	.06340	2018 R	1983
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6	1996	GREE	X	19	19	.06340	2018	1985
6	1996	GREE	X	3	0	.11375	2018 R	1986
6	1996	GREE	X	3	3	.06340	2018	1986
6	1996	GREE	X	2	0	.08875	2018 R	1987
6	1996	GREE	X	2	2	.06340	2018	1987
6	1996	GREE	X	13	0	.08500	2018	1988
6	1996	GREE	X	24	0	.09250	2018 R	1989
6	1996	GREE	X	5	0	.08875	2018	1990
6	1996	GREE	X	48	0	.08750	2018	1991
6	1996	GREE	X	2	0	.08500	2018	1992
6	1996	GREE	X	41	0	.07875	2018	1993
6	1996	GREE	X	6	0	.07125	1999 A	1994
6	1996	GREE	X	4	0	.07125	2000	1995
6	1996	GREE	X	25	25	.06380	2020 R	1995
6	1996	GREE	X	11	11	.06380	2020	1995
6	1996	HILL	X	11393	10304	.06220	2012	1962
6	1996	HILL	X	14	14	.06220	2012 R	1963
6	1996	HILL	X	14	14	.06220	2012 R	1964
6	1996	HILL	X	14	14	.06220	2012 R	1965
6	1996	HILL	X	14	14	.06220	2012 R	1966
6	1996	HILL	X	14	14	.06220	2012 R	1967
6	1996	HILL	X	14	14	.06220	2012 R	1968
6	1996	HILL	X	14	14	.06220	2012 R	1969
6	1996	HILL	X	14	14	.06220	2012 R	1970
6	1996	HILL	X	14	14	.06220	2012 R	1971
6	1996	HILL	X	14	14	.06220	2012 R	1972

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6	1996	HILL	X	14	14	.06220	2012	R	1973
6	1996	HILL	X	14	14	.06220	2012	R	1974
6	1996	HILL	X	14	14	.06220	2012	R	1975
6	1996	HILL	X	14	14	.06220	2012	R	1976
6	1996	HILL	X	14	14	.06220	2012	R	1977
6	1996	HILL	X	14	14	.06220	2012	R	1978
6	1996	HILL	X	14	14	.06220	2012	R	1979
6	1996	HILL	X	14	14	.06220	2012	R	1980
6	1996	HILL	X	14	14	.06220	2012	R	1981
6	1996	HILL	X	14	14	.06220	2012	R	1982
6	1996	HILL	X	14	14	.06220	2012	R	1983
6	1996	HILL	X	52	0	.10750	2012	R	1984
6	1996	HILL	X	7	7	.06220	2012		1985
6	1996	HILL	X	3	0	.08875	2012	R	1987
6	1996	HILL	X	3	0	.08500	2012	R	1988
6	1996	HILL	X	3	0	.08875	2012		1990
6	1996	HILL	X	17	0	.08750	2012		1991
6	1996	HILL	X	1	0	.08500	2012		1992
6	1996	HILL	X	13	0	.07875	2012		1993
6	1996	HUNG	X	72029	17228	.05950	2003		1953
6	1996	HUNG	X	18	18	.05950	2003	R	1954
6	1996	HUNG	X	18	18	.05950	2003	R	1955
6	1996	HUNG	X	18	18	.05950	2003	R	1956
6	1996	HUNG	X	19	19	.05950	2003	R	1957
6	1996	HUNG	X	19	19	.05950	2003	R	1958
6	1996	HUNG	X	19	19	.05950	2003	R	1959
6	1996	HUNG	X	19	19	.05950	2003	R	1960
6	1996	HUNG	X	19	19	.05950	2003	R	1961
6	1996	HUNG	X	19	19	.05950	2003	R	1962
6	1996	HUNG	X	19	19	.05950	2003	R	1963
6	1996	HUNG	X	18	18	.05950	2003	R	1964
6	1996	HUNG	X	18	18	.05950	2003	R	1965
6	1996	HUNG	X	18	18	.05950	2003	R	1966
6	1996	HUNG	X	19	19	.05950	2003	R	1967
6	1996	HUNG	X	19	19	.05950	2003	R	1968
6	1996	HUNG	X	19	19	.05950	2003	R	1969
6	1996	HUNG	X	19	19	.05950	2003	R	1970
6	1996	HUNG	X	19	19	.05950	2003	R	1971
6	1996	HUNG	X	19	19	.05950	2003	R	1972

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6	1996	HUNG X	19	19	.05950	2003 R	1973
6	1996	HUNG X	18	18	.05950	2003 R	1974
6	1996	HUNG X	18	18	.05950	2003 R	1975
6	1996	HUNG X	18	18	.05950	2003 R	1976
6	1996	HUNG X	19	19	.05950	2003 R	1977
6	1996	HUNG X	19	19	.05950	2003 R	1978
6	1996	HUNG X	19	19	.05950	2003 R	1979
6	1996	HUNG X	19	19	.05950	2003 R	1980
6	1996	HUNG X	19	19	.05950	2003 R	1981
6	1996	HUNG X	13	13	.05950	2003 R	1983
6	1996	HUNG X	32	0	.10750	2003 R	1984
6	1996	HUNG X	36	0	.12375	2003 R	1985
6	1996	HUNG X	101	0	.09250	2003 R	1989
6	1996	HUNG X	58	0	.08875	2003 R	1990
6	1996	HUNG X	19	0	.08750	2003 R	1991
6	1996	HUNG X	4136	0	.07875	2003 R	1993
6	1996	HUNG X	2	0	.07875	2003	1993
6	1996	HUNG X	56	0	.07125	2019 R	1994
6	1996	HUNG X	6433	6433	.06490	2045	1995
6	1996	HUNG X	553	553	.06490	2030 R	1995
6	1996	HUNG X	1275	1275	.06490	2030 R	1995
6	1996	HUNG X	5	0	.08875	2000	1995
6	1996	HUNG X	176	176	.06380	2020 R	1995
6	1996	HUNG X	513	513	.06490	2030 R	1995
6	1996	HUNG X	15102	0	.11375	2045	1995
6	1996	ICEH X	64641	49280	.06220	2012	1962
6	1996	ICEH X	51	51	.06220	2012 R	1963
6	1996	ICEH X	51	51	.06220	2012 R	1964
6	1996	ICEH X	52	52	.06220	2012 R	1965
6	1996	ICEH X	51	51	.06220	2012 R	1966
6	1996	ICEH X	51	51	.06220	2012 R	1967
6	1996	ICEH X	52	52	.06220	2012 R	1968
6	1996	ICEH X	51	51	.06220	2012 R	1969
6	1996	ICEH X	51	51	.06220	2012 R	1970
6	1996	ICEH X	52	52	.06220	2012 R	1971
6	1996	ICEH X	51	51	.06220	2012 R	1972
6	1996	ICEH X	51	51	.06220	2012 R	1973
6	1996	ICEH X	52	52	.06220	2012 R	1974
6	1996	ICEH X	51	51	.06220	2012 R	1975

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6	1996	ICEH	X	22486	22486	.06490	2026 A	1976
6	1996	ICEH	X	51	51	.06220	2012 R	1976
6	1996	ICEH	X	52	52	.06220	2012 R	1977
6	1996	ICEH	X	51	51	.06220	2012 R	1978
6	1996	ICEH	X	51	51	.06220	2012 R	1979
6	1996	ICEH	X	52	52	.06220	2012 R	1980
6	1996	ICEH	X	51	51	.06220	2012 R	1981
6	1996	ICEH	X	51	51	.06220	2012 R	1982
6	1996	ICEH	X	52	52	.06220	2012 R	1983
6	1996	ICEH	X	23	23	.06490	2026 A	1985
6	1996	ICEH	X	46	46	.06220	2012	1985
6	1996	ICEH	X	152	152	.06220	2012	1986
6	1996	ICEH	X	71	0	.08875	2012 R	1987
6	1996	ICEH	X	4	4	.06220	2012	1987
6	1996	ICEH	X	8	0	.08500	2012	1988
6	1996	ICEH	X	57	0	.08500	2012 R	1988
6	1996	ICEH	X	51	0	.09250	2012 R	1989
6	1996	ICEH	X	427	0	.08875	2012 R	1990
6	1996	ICEH	X	348	0	.08750	2012 R	1991
6	1996	ICEH	X	177	0	.08500	2012	1992
6	1996	ICEH	X	3192	0	.07875	2012 R	1993
6	1996	ICEH	X	1645	0	.07875	2012	1993
6	1996	ICEH	X	328	0	.07125	2029 R	1994
6	1996	ICEH	X	520	0	.07125	2029 A	1994
6	1996	ICEH	X	178	178	.06360	2019	1995
6	1996	ICEH	X	87	87	.06360	2019	1995
6	1996	ICEH	X	883	883	.06360	2019	1995
6	1996	ICEH	X	2	0	.07250	2000	1995
6	1996	JOHN	X	30187	24619	.06340	2018	1968
6	1996	JOHN	X	108929	108929	.06360	2019	1969
6	1996	JOHN	X	26724	26724	.06380	2020	1970
6	1996	JOHN	X	39419	39419	.06390	2021	1971
6	1996	JOHN	X	12911	12911	.06410	2022	1972
6	1996	JOHN	X	3677	0	.10750	2022 R	1984
6	1996	JOHN	X	1209	0	.12375	2022 R	1985
6	1996	JOHN	X	7285	7285	.06410	2022	1985
6	1996	JOHN	X	713	0	.11375	2022 R	1986
6	1996	JOHN	X	3622	3622	.06410	2022	1986
6	1996	JOHN	X	4353	0	.08875	2022 R	1987

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6	1996	JOHN X	792	792	.06410	2022	1987
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6	1996	JOHN X	199	0	.08500	2022 R	1988
6	1996	JOHN X	377	0	.09250	2022 R	1989
6	1996	JOHN X	34	34	.06410	2022	1989
6	1996	JOHN X	41	41	.06410	2022	1990
6	1996	JOHN X	543	0	.08875	2022 R	1990
6	1996	JOHN X	13218	0	.08750	2022 R	1991
6	1996	JOHN X	144	0	.08750	2022	1991
6	1996	JOHN X	21	21	.06410	2022	1992
6	1996	JOHN X	95	0	.08500	2022	1992
6	1996	JOHN X	7810	0	.07875	2022 R	1993
6	1996	JOHN X	9585	0	.07875	2022	1993
6	1996	JOHN X	14	0	.07125	2019 R	1994
6	1996	JOHN X	1252	0	.07125	2029 A	1994
6	1996	JOHN X	9	0	.07125	2000	1995
6	1996	JOHN X	2	0	.09250	2000	1995
6	1996	JOHN X	7943	7943	.06490	2045	1995
6	1996	JOHN X	82	82	.06380	2020	1995
6	1996	JOHN X	124	124	.06490	2035	1995
6	1996	JOHN X	631	631	.06490	2045 R	1995
6	1996	JOHN X	54	54	.06490	2035	1995
6	1996	JOHN X	23	23	.06490	2035 R	1995
6	1996	LIBB X	59608	53102	.06470	2025	1975
6	1996	LIBB X	168661	168661	.06490	2026	1976
6	1996	LIBB X	1610	1610	.06490	2026 R	1977
6	1996	LIBB X	1610	1610	.06490	2026 R	1978
6	1996	LIBB X	1610	1610	.06490	2026 R	1979
6	1996	LIBB X	1610	1610	.06490	2026 R	1980
6	1996	LIBB X	1610	1610	.06490	2026 R	1981
6	1996	LIBB X	1610	1610	.06490	2026 R	1982
6	1996	LIBB X	1610	1610	.06490	2026 R	1983
6	1996	LIBB X	104	0	.10750	2026 R	1984
6	1996	LIBB X	570	570	.06490	2026	1985
6	1996	LIBB X	311	311	.06490	2026	1986
6	1996	LIBB X	2	2	.06490	2026	1987
6	1996	LIBB X	19842	19842	.06490	2038 A	1988
6	1996	LIBB X	35	0	.08505	2026	1988
6	1996	LIBB X	131	0	.09250	2026 R	1989

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6	1996	LIBB	X	1	1	.06490	2026	1989
6	1996	LIBB	X	11	0	.08875	2026	1990
6	1996	LIBB	X	134	0	.08750	2026 R	1991
6	1996	LIBB	X	100	0	.08500	2026 R	1992
6	1996	LIBB	X	70	0	.08500	2026	1992
6	1996	LIBB	X	600	0	.07875	2026	1993
6	1996	LIBB	X	237	237	.06490	2029 R	1994
6	1996	LIBB	X	312	312	.06490	2029 A	1994
6	1996	LIBB	X	3959	3291	.06490	2030	1995
6	1996	LIBB	X	97	97	.06490	2030	1995
6	1996	LIBB	X	16	16	.06490	2030	1995
6	1996	LIBB	X	42	42	.06490	2030 R	1995
6	1996	LITT	X	25088	24063	.06380	2020	1970
6	1996	LITT	X	48422	48422	.06390	2021	1971
6	1996	LITT	X	32	32	.06390	2021 R	1972
6	1996	LITT	X	33	33	.06390	2021 R	1973
6	1996	LITT	X	32	32	.06390	2021 R	1974
6	1996	LITT	X	33	33	.06390	2021 R	1975
6	1996	LITT	X	32	32	.06390	2021 R	1976
6	1996	LITT	X	33	33	.06390	2021 R	1977
6	1996	LITT	X	54052	54052	.06490	2028 A	1978
6	1996	LITT	X	32	32	.06390	2021 R	1978
6	1996	LITT	X	33	33	.06390	2021 R	1979
6	1996	LITT	X	32	32	.06390	2021 R	1980
6	1996	LITT	X	33	33	.06390	2021 R	1981
6	1996	LITT	X	32	32	.06390	2021 R	1982
6	1996	LITT	X	33	33	.06390	2021 R	1983
6	1996	LITT	X	201	0	.10750	2021 R	1984
6	1996	LITT	X	51	51	.06490	2028 A	1985
6	1996	LITT	X	196	196	.06390	2021	1985
6	1996	LITT	X	270	270	.06390	2021	1986
6	1996	LITT	X	72	0	.08875	2021 R	1987
6	1996	LITT	X	6	6	.06390	2021	1987
6	1996	LITT	X	12	0	.08500	2021	1988
6	1996	LITT	X	68	0	.08500	2021 R	1988
6	1996	LITT	X	77	0	.09250	2021 R	1989
6	1996	LITT	X	408	0	.08875	2021 R	1990
6	1996	LITT	X	21	0	.08875	2021	1990
6	1996	LITT	X	266	0	.08750	2021 R	1991

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6	1996	LITT	X	66	0	.08500	2021 R	1992
6	1996	LITT	X	27	0	.08500	2021	1992
6	1996	LITT	X	276	0	.07875	2021 R	1993
6	1996	LITT	X	3359	0	.07875	2021	1993
6	1996	LITT	X	37	0	.07125	2019 R	1994
6	1996	LITT	X	2044	0	.07125	2029 A	1994
6	1996	LITT	X	766	766	.06490	2040	1995
6	1996	LITT	X	17	17	.06490	2040	1995
6	1996	LITT	X	353	353	.06490	2040 R	1995
6	1996	LOOK	X	36138	30265	.06050	2005	1955
6	1996	LOOK	X	56	56	.06050	2005 R	1956
6	1996	LOOK	X	54	54	.06050	2005 R	1957
6	1996	LOOK	X	54	54	.06050	2005 R	1958
6	1996	LOOK	X	54	54	.06050	2005 R	1959
6	1996	LOOK	X	54	54	.06050	2005 R	1960
6	1996	LOOK	X	55	55	.06050	2005 R	1961
6	1996	LOOK	X	54	54	.06050	2005 R	1962
6	1996	LOOK	X	54	54	.06050	2005 R	1963
6	1996	LOOK	X	54	54	.06050	2005 R	1964
6	1996	LOOK	X	54	54	.06050	2005 R	1965
6	1996	LOOK	X	54	54	.06050	2005 R	1966
6	1996	LOOK	X	55	55	.06050	2005 R	1967
6	1996	LOOK	X	54	54	.06050	2005 R	1968
6	1996	LOOK	X	54	54	.06050	2005 R	1969
6	1996	LOOK	X	54	54	.06050	2005 R	1970
6	1996	LOOK	X	54	54	.06050	2005 R	1971
6	1996	LOOK	X	54	54	.06050	2005 R	1972
6	1996	LOOK	X	55	55	.06050	2005 R	1973
6	1996	LOOK	X	54	54	.06050	2005 R	1974
6	1996	LOOK	X	54	54	.06050	2005 R	1975
6	1996	LOOK	X	54	54	.06050	2005 R	1976
6	1996	LOOK	X	54	54	.06050	2005 R	1977
6	1996	LOOK	X	54	54	.06050	2005 R	1978
6	1996	LOOK	X	55	55	.06050	2005 R	1979
6	1996	LOOK	X	54	54	.06050	2005 R	1980
6	1996	LOOK	X	54	54	.06050	2005 R	1981
6	1996	LOOK	X	54	54	.06050	2005 R	1982
6	1996	LOOK	X	54	54	.06050	2005 R	1983
6	1996	LOOK	X	185	0	.10750	2005 R	1984

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6	1996	LOOK	X	56	56	.06050	2005	1985
6	1996	LOOK	X	45	45	.06050	2005	1986
6	1996	LOOK	X	12	0	.08875	2005 R	1987
6	1996	LOOK	X	9	9	.06050	2005	1987
6	1996	LOOK	X	46	0	.08500	2005	1988
6	1996	LOOK	X	17	0	.08500	2005 R	1988
6	1996	LOOK	X	23	0	.09250	2005 R	1989
6	1996	LOOK	X	147	0	.08875	2005 R	1990
6	1996	LOOK	X	4	0	.08875	2005	1990
6	1996	LOOK	X	6	0	.08750	2005 R	1991
6	1996	LOOK	X	50	0	.08750	2005	1991
6	1996	LOOK	X	181	0	.08500	2005 R	1992
6	1996	LOOK	X	4	0	.08500	2005	1992
6	1996	LOOK	X	18	0	.07875	2005 R	1993
6	1996	LOOK	X	189	0	.07875	2005	1993
6	1996	LOOK	X	73	0	.07125	2019 A	1994
6	1996	LOOK	X	180	180	.06490	2045	1995
6	1996	LOOK	X	146	146	.06490	2035	1995
6	1996	LOOK	X	17	17	.06490	2035	1995
6	1996	LOOK	X	10	10	.06490	2045	1995
6	1996	LOOK	X	87	87	.06490	2045 R	1995
6	1996	LOOK	X	36	36	.06490	2045	1995
6	1996	LOST	X	14847	14755	.06490	2027	1977
6	1996	LOST	X	64	64	.06490	2027 R	1978
6	1996	LOST	X	66	66	.06490	2027 R	1979
6	1996	LOST	X	66	66	.06490	2027 R	1980
6	1996	LOST	X	66	66	.06490	2027 R	1981
6	1996	LOST	X	66	66	.06490	2027 R	1982
6	1996	LOST	X	66	66	.06490	2027 R	1983
6	1996	LOST	X	243	0	.10750	2027 R	1984
6	1996	LOST	X	14	14	.06490	2027	1985
6	1996	LOST	X	5	0	.11375	2027 R	1986
6	1996	LOST	X	7	7	.06490	2027	1986
6	1996	LOST	X	3	0	.08875	2027 R	1987
6	1996	LOST	X	5	5	.06490	2027	1987
6	1996	LOST	X	7	0	.08500	2027	1988
6	1996	LOST	X	9	0	.09250	2027 R	1989
6	1996	LOST	X	1	0	.08875	2027	1990
6	1996	LOST	X	31	0	.08750	2027	1991

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6	1996	LOST	X	1	0	.07875	2027	R	1993
6	1996	LOST	X	14	0	.07875	2027		1993
6	1996	LOST	X	4	0	.07125	2000		1995
6	1996	LOST	X	97	97	.06490	2045	R	1995
6	1996	LOWG	X	131997	130405	.06470	2025		1975
6	1996	LOWG	X	565	565	.06470	2025	R	1976
6	1996	LOWG	X	565	565	.06470	2025	R	1977
6	1996	LOWG	X	44276	44276	.06490	2028	A	1978
6	1996	LOWG	X	565	565	.06470	2025	R	1978
6	1996	LOWG	X	566	566	.06470	2025	R	1979
6	1996	LOWG	X	565	565	.06470	2025	R	1980
6	1996	LOWG	X	565	565	.06470	2025	R	1981
6	1996	LOWG	X	566	566	.06470	2025	R	1982
6	1996	LOWG	X	565	565	.06470	2025	R	1983
6	1996	LOWG	X	311	0	.10750	2025	R	1984
6	1996	LOWG	X	364	364	.06470	2025		1985
6	1996	LOWG	X	4	0	.11375	2025	R	1986
6	1996	LOWG	X	238	238	.06470	2025		1986
6	1996	LOWG	X	60	0	.08875	2025	R	1987
6	1996	LOWG	X	9	9	.06470	2025		1987
6	1996	LOWG	X	22	0	.08500	2025		1988
6	1996	LOWG	X	95	0	.08500	2025	R	1988
6	1996	LOWG	X	112	0	.09250	2025	R	1989
6	1996	LOWG	X	392	0	.08875	2025	R	1990
6	1996	LOWG	X	281	0	.08750	2025	R	1991
6	1996	LOWG	X	6	0	.08750	2025		1991
6	1996	LOWG	X	83	0	.08500	2025	R	1992
6	1996	LOWG	X	121	0	.08500	2025		1992
6	1996	LOWG	X	26	0	.07875	2025	R	1993
6	1996	LOWG	X	3272	0	.07875	2025		1993
6	1996	LOWG	X	38	0	.07125	2019	R	1994
6	1996	LOWG	X	3679	1687	.06490	2029	A	1994
6	1996	LOWG	X	79	79	.06320	2017		1995
6	1996	LOWG	X	475	475	.06320	2017		1995
6	1996	LOWG	X	404	404	.06320	2017		1995
6	1996	LOWM	X	30322	28431	.06360	2019		1969
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6	1996	LOWM	X	242	242	.06380	2020 R	1971
6	1996	LOWM	X	242	242	.06380	2020 R	1972
6	1996	LOWM	X	242	242	.06380	2020 R	1973
6	1996	LOWM	X	242	242	.06380	2020 R	1974
6	1996	LOWM	X	242	242	.06380	2020 R	1975
6	1996	LOWM	X	242	242	.06380	2020 R	1976
6	1996	LOWM	X	242	242	.06380	2020 R	1977
6	1996	LOWM	X	242	242	.06380	2020 R	1978
6	1996	LOWM	X	44355	44355	.06490	2029 A	1979
6	1996	LOWM	X	242	242	.06380	2020 R	1979
6	1996	LOWM	X	242	242	.06380	2020 R	1980
6	1996	LOWM	X	242	242	.06380	2020 R	1981
6	1996	LOWM	X	242	242	.06380	2020 R	1982
6	1996	LOWM	X	242	242	.06380	2020 R	1983
6	1996	LOWM	X	279	279	.06490	2029 A	1985
6	1996	LOWM	X	9	9	.06380	2020	1985
6	1996	LOWM	X	149	149	.06380	2020	1986
6	1996	LOWM	X	50	0	.08875	2020 R	1987
6	1996	LOWM	X	4	4	.06380	2020	1987
6	1996	LOWM	X	1	0	.08500	2020	1988
6	1996	LOWM	X	58	0	.08500	2020 R	1988
6	1996	LOWM	X	93	0	.09250	2020 R	1989
6	1996	LOWM	X	358	0	.08875	2020 R	1990
6	1996	LOWM	X	594	0	.08750	2020	1991
6	1996	LOWM	X	4484	0	.08500	2020	1992
6	1996	LOWM	X	24	0	.07875	2020 R	1993
6	1996	LOWM	X	2175	0	.07875	2020	1993
6	1996	LOWM	X	107	0	.07125	2019 R	1994
6	1996	LOWM	X	2167	0	.07125	2029 A	1994
6	1996	LOWM	X	1162	1162	.06490	2045	1995
6	1996	LOWM	X	43	43	.06490	2045	1995
6	1996	LOWM	X	101	101	.06490	2045	1995
6	1996	LOWM	X	6	0	.07250	2000	1995
6	1996	LOWM	X	625	625	.06490	2045	1995
6	1996	LSFW	X	31886	10870	.06490	2033	1983
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6	1996	LSFW	X	79262	79262	.06490	2037	1987
6	1996	LSFW	X	880	880	.06490	2038	1988
6	1996	LSFW	X	1703	1703	.06490	2040	1990

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6	1996	LSFW	X	4827	4827	.06490	2041	1991
6	1996	LSFW	X	78440	78440	.06490	2043	1993
6	1996	LSFW	X	5059	5059	.06490	2044	1994
6	1996	MCNA	X	82403	37904	.06000	2004	1954
6	1996	MCNA	X	56972	56972	.06050	2005	1955
6	1996	MCNA	X	41438	41438	.06110	2006	1956
6	1996	MCNA	X	26886	26886	.06130	2007	1957
6	1996	MCNA	X	503	503	.06130	2007 R	1958
6	1996	MCNA	X	503	503	.06130	2007 R	1959
6	1996	MCNA	X	503	503	.06130	2007 R	1960
6	1996	MCNA	X	503	503	.06130	2007 R	1961
6	1996	MCNA	X	502	502	.06130	2007 R	1962
6	1996	MCNA	X	503	503	.06130	2007 R	1963
6	1996	MCNA	X	503	503	.06130	2007 R	1964
6	1996	MCNA	X	503	503	.06130	2007 R	1965
6	1996	MCNA	X	503	503	.06130	2007 R	1966
6	1996	MCNA	X	502	502	.06130	2007 R	1967
6	1996	MCNA	X	503	503	.06130	2007 R	1968
6	1996	MCNA	X	503	503	.06130	2007 R	1969
6	1996	MCNA	X	503	503	.06130	2007 R	1970
6	1996	MCNA	X	503	503	.06130	2007 R	1971
6	1996	MCNA	X	503	503	.06130	2007 R	1972
6	1996	MCNA	X	502	502	.06130	2007 R	1973
6	1996	MCNA	X	503	503	.06130	2007 R	1974
6	1996	MCNA	X	503	503	.06130	2007 R	1975
6	1996	MCNA	X	503	503	.06130	2007 R	1976
6	1996	MCNA	X	502	502	.06130	2007 R	1977
6	1996	MCNA	X	503	503	.06130	2007 R	1978
6	1996	MCNA	X	503	503	.06130	2007 R	1979
6	1996	MCNA	X	503	503	.06130	2007 R	1980
6	1996	MCNA	X	503	503	.06130	2007 R	1981
6	1996	MCNA	X	502	502	.06130	2007 R	1982
6	1996	MCNA	X	503	503	.06130	2007 R	1983
6	1996	MCNA	X	599	599	.06130	2007	1985
6	1996	MCNA	X	489	489	.06130	2007	1986
6	1996	MCNA	X	35	0	.08875	2007 R	1987
6	1996	MCNA	X	26	26	.06130	2007	1987
6	1996	MCNA	X	20	0	.08500	2007	1988
6	1996	MCNA	X	50	0	.08500	2007 R	1988

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6	1996	MCNA	X	130		0	.09250	2007	R	1989	
6	1996	MCNA	X	2228		0	.08875	2007	R	1990	
6	1996	MCNA	X	14		0	.08875	2007		1990	
6	1996	MCNA	X	66		0	.08750	2007	R	1991	
6	1996	MCNA	X	76		0	.08750	2007		1991	
6	1996	MCNA	X	222		0	.08500	2007	R	1992	
6	1996	MCNA	X	125		0	.08500	2007		1992	
6	1996	MCNA	X	34		0	.07875	2007	R	1993	
6	1996	MCNA	X	1462		0	.07875	2007		1993	
6	1996	MCNA	X	1521		0	.07125	2029	A	1994	
6	1996	MCNA	X	68		0	.07125	2019	R	1994	
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6	1996	MINI	X	108		0	.03000	2008	R	1960	
6	1996	MINI	X	108		0	.03000	2008	R	1961	
6	1996	MINI	X	108		0	.03000	2008	R	1962	
6	1996	MINI	X	108		0	.03000	2008	R	1963	
6	1996	MINI	X	108		0	.03000	2008	R	1964	
6	1996	MINI	X	108		0	.03000	2008	R	1965	
6	1996	MINI	X	108		0	.03000	2008	R	1966	
6	1996	MINI	X	108		0	.03000	2008	R	1967	
6	1996	MINI	X	108		0	.03000	2008	R	1968	
6	1996	MINI	X	3		0	.03000	2008	R	1969	
6	1996	MINI	X	108		0	.03000	2008	R	1970	
6	1996	MINI	X	108		0	.03000	2008	R	1971	
6	1996	MINI	X	108		0	.03000	2008	R	1972	
6	1996	MINI	X	108		0	.03000	2008	R	1973	
6	1996	MINI	X	108		0	.03000	2008	R	1974	
6	1996	MINI	X	108		0	.03000	2008	R	1975	
6	1996	MINI	X	108		0	.03000	2008	R	1976	
6	1996	MINI	X	88	61		.06150	2008	R	1977	

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6	1996	MINI X	81	81	.06150	2008 R	1978
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6	1996	MINI X	81	81	.06150	2008 R	1980
6	1996	MINI X	81	81	.06150	2008 R	1981
6	1996	MINI X	81	81	.06150	2008 R	1982
6	1996	MINI X	71	71	.06150	2008 R	1983
6	1996	MINI X	44	0	.10750	2008 R	1984
6	1996	MINI X	23	23	.06150	2008	1985
6	1996	MINI X	48	0	.11375	2008 R	1986
6	1996	MINI X	23	23	.06150	2008	1986
6	1996	MINI X	17	17	.06150	2008	1987
6	1996	MINI X	31	0	.08500	2008	1988
6	1996	MINI X	20	0	.09250	2008 R	1989
6	1996	MINI X	33	0	.08875	2008 R	1990
6	1996	MINI X	62	0	.08750	2008 R	1991
6	1996	MINI X	11	0	.08750	2008	1991
6	1996	MINI X	32	0	.08750	2008 R	1991
6	1996	MINI X	6	0	.08500	2008 R	1992
6	1996	MINI X	351	0	.07125	2029	1994
6	1996	MINI X	85	85	.06180	2010	1995
6	1996	MINI X	4	0	.08500	2000 R	1995
6	1996	THED X	15908	0	.02500	2007	1957
6	1996	THED X	48678	36829	.06150	2008	1958
6	1996	THED X	48820	48820	.05160	2009	1959
6	1996	THED X	43044	43044	.06180	2010	1960
6	1996	THED X	10499	10499	.06200	2011	1961
6	1996	THED X	62	62	.06200	2011 R	1962
6	1996	THED X	63	63	.06200	2011 R	1963
6	1996	THED X	63	63	.06200	2011 R	1964
6	1996	THED X	62	62	.06200	2011 R	1965
6	1996	THED X	63	63	.06200	2011 R	1966
6	1996	THED X	63	63	.06200	2011 R	1967
6	1996	THED X	62	62	.06200	2011 R	1968
6	1996	THED X	63	63	.06200	2011 R	1969
6	1996	THED X	63	63	.06200	2011 R	1970
6	1996	THED X	62	62	.06200	2011 R	1971
6	1996	THED X	63	63	.06200	2011 R	1972
6	1996	THED X	24441	24441	.06430	2023 A	1973
6	1996	THED X	63	63	.06200	2011 R	1973

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6	1996	THED	X	8044	8044	.06450	2024 A	1974
6	1996	THED	X	62	62	.06200	2011 R	1974
6	1996	THED	X	63	63	.06200	2011 R	1975
6	1996	THED	X	63	63	.06200	2011 R	1976
6	1996	THED	X	62	62	.06200	2011 R	1977
6	1996	THED	X	63	63	.06200	2011 R	1978
6	1996	THED	X	63	63	.06200	2011 R	1979
6	1996	THED	X	62	62	.06200	2011 R	1980
6	1996	THED	X	63	63	.06200	2011 R	1981
6	1996	THED	X	63	63	.06200	2011 R	1982
6	1996	THED	X	62	62	.06200	2011 R	1983
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6	1996	THED	X	106	106	.06200	2011	1985
6	1996	THED	X	4	0	.11375	2011 R	1986
6	1996	THED	X	105	105	.06200	2011	1986
6	1996	THED	X	81	0	.08875	2011 R	1987
6	1996	THED	X	1567	1567	.06200	2011	1987
6	1996	THED	X	685	0	.08500	2011	1988
6	1996	THED	X	1	0	.08500	2011 R	1988
6	1996	THED	X	898	0	.09250	2011 R	1989
6	1996	THED	X	319	0	.08875	2011 R	1990
6	1996	THED	X	745	0	.08875	2011	1990
6	1996	THED	X	89	0	.08750	2011 R	1991
6	1996	THED	X	2452	0	.08750	2011	1991
6	1996	THED	X	57	0	.08500	2011 R	1992
6	1996	THED	X	130	0	.08500	2011	1992
6	1996	THED	X	2028	0	.07875	2011 R	1993
6	1996	THED	X	2929	0	.07875	2011	1993
6	1996	THED	X	1425	0	.07125	2029 A	1994
6	1996	THED	X	12	12	.06180	2010	1995
6	1996	YAKC	X	1671	796	.06410	2022	1956
6	1996	YAKC	X	2	2	.06410	2022 R	1959
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6	1996	YAKC	X	1	1	.06410	2022 R	1961
6	1996	YAKC	X	1	1	.06410	2022 R	1962
6	1996	YAKC	X	1	1	.06410	2022 R	1963
6	1996	YAKC	X	1	1	.06410	2022 R	1964
6	1996	YAKC	X	1	1	.06410	2022 R	1965

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6	1996	YAKC	X	1	1	.06410	2022 R 1966
6	1996	YAKC	X	0	0	.02500	2022 R 1967
6	1996	YAKC	X	0	0	.02500	2022 R 1968
6	1996	YAKC	X	0	0	.02500	2022 R 1969
6	1996	YAKC	X	0	0	.02500	2022 R 1970
6	1996	YAKC	X	0	0	.02500	2022 R 1971
6	1996	YAKC	X	0	0	.02500	2022 R 1972
6	1996	YAKC	X	0	0	.02500	2022 R 1973
6	1996	YAKC	X	0	0	.02500	2022 R 1974
6	1996	YAKC	X	35	0	.10750	2022 R 1984
6	1996	YAKC	X	357	0	.12375	2022 R 1985
6	1996	YAKC	X	7	0	.11375	2022 R 1986
6	1996	YAKC	X	516	506	.06410	2022 1986
6	1996	YAKC	X	126	0	.08875	2022 R 1987
6	1996	YAKC	X	18	0	.09250	2022 R 1989
6	1996	YAKC	X	40	0	.08875	2022 R 1990
6	1996	YAKC	X	109	0	.08750	2022 1991
6	1996	YAKR	X	1005	577	.06150	2008 1958
6	1996	YAKR	X	0	0	.03000	2008 R 1959
6	1996	YAKR	X	0	0	.03000	2008 R 1960
6	1996	YAKR	X	0	0	.03000	2008 R 1961
6	1996	YAKR	X	0	0	.03000	2008 R 1962
6	1996	YAKR	X	0	0	.03000	2008 R 1963
6	1996	YAKR	X	0	0	.03000	2008 R 1964
6	1996	YAKR	X	0	0	.03000	2008 R 1965
6	1996	YAKR	X	0	0	.03000	2008 R 1966
6	1996	YAKR	X	0	0	.03000	2008 R 1967
6	1996	YAKR	X	0	0	.03000	2008 R 1968
6	1996	YAKR	X	0	0	.03000	2008 R 1969
6	1996	YAKR	X	0	0	.03000	2008 R 1970
6	1996	YAKR	X	0	0	.03000	2008 R 1971
6	1996	YAKR	X	0	0	.03000	2008 R 1972
6	1996	YAKR	X	0	0	.03000	2008 R 1973
6	1996	YAKR	X	0	0	.03000	2008 R 1974
6	1996	YAKR	X	0	0	.03000	2008 R 1975
6	1996	YAKR	X	0	0	.03000	2008 R 1976
6	1996	YAKR	X	0	0	.03000	2008 R 1977
6	1996	YAKR	X	0	0	.03000	2008 R 1978
6	1996	YAKR	X	0	0	.03000	2008 R 1979

										Prtg.txt	
6	1996	YAKR	X	0	0	.03000	2008	R	1980		
6	1996	YAKR	X	0	0	.03000	2008	R	1981		
6	1996	YAKR	X	0	0	.03000	2008	R	1982		
6	1996	YAKR	X	0	0	.03000	2008	R	1983		
6	1996	YAKR	X	17	0	.10750	2008	R	1984		
6	1996	YAKR	X	5	0	.12375	2008	R	1985		
6	1996	YAKR	X	80	80	.06150	2008		1985		
6	1996	YAKR	X	7	7	.06150	2008		1986		
6	1996	YAKR	X	9	0	.08875	2008	R	1987		
6	1996	YAKR	X	2	2	.06150	2008		1987		
6	1996	YAKR	X	11	0	.08500	2008		1988		
6	1996	YAKR	X	17	0	.09250	2008	R	1989		
6	1996	YAKR	X	76	0	.08750	2008	R	1991		
6	1996	YAKR	X	0	0	.08500	2008	R	1992		
6	1996	ALBE	X	781	781	.06490	2046		1996		
6	1996	BOIS	X	1	1	.05810	2001		1996		
6	1996	BOIS	X	13	13	.06200	2011		1996		
6	1996	BOIS	X	88	88	.06390	2021	R	1996		
6	1996	BOIS	X	238	238	.06490	2031		1996		
6	1996	BOIS	X	1258	1258	.06490	2046	R	1996		
6	1996	BOIS	X	480	480	.06490	2046		1996		
6	1996	BOIS	X	714	714	.06490	2046		1996		
6	1996	BONN	X	43359	43359	.06490	2046		1996		
6	1996	BONN	X	2144	2144	.06490	2046		1996		
6	1996	BONN	X	2144	2144	.06490	2046	R	1996		
6	1996	BONN	X	2241	2241	.06490	2046		1996		
6	1996	CHIE	X	526	526	.06490	2046		1996		
6	1996	CHIE	X	647	647	.06490	2046		1996		
6	1996	COLU	X	368	368	.06490	2046		1996		
6	1996	COLU	X	251	251	.06490	2046		1996		
6	1996	COLU	X	1188	1188	.06490	2046	R	1996		
6	1996	COLU	X	47	47	.06200	2011		1996		
6	1996	COLU	X	435	435	.06490	2046		1996		
6	1996	COLU	X	5428	5428	.06490	2046	R	1996		
6	1996	COLU	X	118	118	.06490	2031	R	1996		
6	1996	COLU	X	1733	1733	.06490	2046		1996		
6	1996	CRFB	X	55608	55608	.06490	2046		1996		
6	1996	DWOR	X	535	535	.06490	2046		1996		
6	1996	DWOR	X	1065	1065	.06490	2046		1996		

				Prtg.txt				
6	1996	GREE X	8	8	.05810	2001	1996	
6	1996	HILL X	137	137	.06490	2031	1996	
6	1996	HUNG X	64	64	.06200	2011	1996	
6	1996	HUNG X	140	140	.06390	2021 R	1996	
6	1996	HUNG X	65	65	.06200	2011 R	1996	
6	1996	HUNG X	1758	1758	.06490	2046	1996	
6	1996	ICEH X	356	356	.06490	2036	1996	
6	1996	ICEH X	189	189	.06490	2036	1996	
6	1996	JOHN X	11249	11249	.06490	2046	1996	
6	1996	JOHN X	3148	3148	.06490	2046	1996	
6	1996	LIBB X	2050	2050	.06490	2046	1996	
6	1996	LIBB X	531	531	.06490	2046	1996	
6	1996	LITT X	4463	4463	.06490	2046	1996	
6	1996	LOOK X	2560	2560	.06490	2046	1996	
6	1996	LOOK X	1140	1140	.06490	2046	1996	
6	1996	LOWG X	330	330	.06490	2031	1996	
6	1996	LOWG X	3956	3956	.06490	2046	1996	
6	1996	LOWM X	894	894	.06490	2046	1996	
6	1996	LSFW X	8555	8555	.06490	2046	1996	
6	1996	MCNA X	1475	1475	.06490	2046	1996	
6	1996	MINI X	146	146	.06390	2021 R	1996	
6	1996	MINI X	10	10	.05810	2001	1996	
6	1996	MINI X	2255	2255	.06490	2046	1996	
6	1996	THED X	15810	15810	.06490	2046	1996	
6	1996	THED X	2780	2780	.06490	2046	1996	
6	1996	YAKR X	341	341	.06390	2021 R	1996	
			4173843	3366429				

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706.77050 2163560
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6	1995	ZABF X	3389	0	.08950	2013	1978	09
6	1995	ZABF X	4619	0	.08950	2013 R	1978	09
6	1995	ZABF X	1371	0	.09450	2014	1979	06
6	1995	ZABF X	1870	0	.09450	2014 R	1979	06
6	1995	ZABF X	150	0	.09450	2014	1979	06
6	1995	ZABF X	102	0	.09450	2014 R	1979	06
6	1995	ZABF X	98	0	.09900	2014	1979	09

Prtg.txt										
6	1995	ZABF	X	66	0	.09900	2014	R	1979	09
6	1995	ZABF	X	605	0	.09900	2014		1979	09
6	1995	ZABF	X	165	0	.09900	2014	R	1979	09
6	1995	ZABF	X	2263	0	.13000	2015		1980	09
6	1995	ZABF	X	616	0	.13000	2015	R	1980	09
6	1995	ZABF	X	1707	0	.13000	2015		1980	09
6	1995	ZABF	X	56	0	.13000	2015	R	1980	09
6	1995	ZABF	X	21	0	.13000	2015		1980	09
6	1995	ZABF	X	10	0	.13000	2015	R	1980	09
6	1995	ZABF	X	277	0	.16600	2016		1981	09
6	1995	ZABF	X	127	0	.16600	2016	R	1981	09
6	1995	ZABF	X	80	0	.14400	2017		1982	12
6	1995	ZABF	X	36	0	.14400	2017	R	1982	12
6	1995	ZABF	X	23	0	.14400	2017		1982	04
6	1995	ZABF	X	11	0	.14400	2017	R	1982	04
6	1995	ZABF	X	551	0	.14400	2017		1982	04
6	1995	ZABF	X	439	0	.14400	2017	R	1982	04
6	1995	ZABF	X	43	0	.14150	2017		1982	07
6	1995	ZABF	X	-43	0	.14150	2017		1987	07
6	1995	ZABF	X	34	0	.14150	2017	R	1982	07
6	1995	ZABF	X	-34	0	.14150	2017	R	1987	07
6	1995	ZABF	X	402	0	.14150	2017		1982	07
6	1995	ZABF	X	-402	0	.14150	2017		1987	07
6	1995	ZABF	X	105	0	.14150	2017	R	1982	07
6	1995	ZABF	X	-105	0	.14150	2017	R	1987	07
6	1995	ZABF	X	205	0	.10850	2018		1983	11
6	1995	ZABF	X	-205	0	.10850	2018		1988	02
6	1995	ZABF	X	54	0	.10850	2018	R	1983	11
6	1995	ZABF	X	-54	0	.10850	2018	R	1988	02
6	1995	ZABF	X	154	0	.11700	2018		1983	06
6	1995	ZABF	X	40	0	.11700	2018	R	1983	06
6	1995	ZABF	X	4	0	.12250	2018		1983	09
6	1995	ZABF	X	1	0	.12250	2018	R	1983	09
6	1995	ZABF	X	203	0	.12250	2018		1983	09
6	1995	ZABF	X	35	0	.12250	2018	R	1983	09
6	1995	ZABF	X	138	0	.12300	2019		1984	11
6	1995	ZABF	X	24	0	.12300	2019	R	1984	11
6	1995	ZABF	X	276	0	.13050	2019		1984	09
6	1995	ZABF	X	48	0	.13050	2019	R	1984	09

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6	1995	ZABF	X	460	0	.11250	2029	1985	06	
6	1995	ZABF	X	80	0	.11250	2029 R	1985	06	
6	1995	ZABF	X	5	0	.08150	1996	1986	03	T
6	1995	ZABF	X	1	0	.08150	1996 R	1986	03	T
6	1995	ZABF	X	443	0	.08150	1996	1986	03	T
6	1995	ZABF	X	169	0	.08150	1996 R	1986	03	T
6	1995	ZABF	X	76	0	.08950	2030	1986	06	
6	1995	ZABF	X	29	0	.08950	2030 R	1986	06	
6	1995	ZABF	X	1819	0	.08950	2030	1986	06	
6	1995	ZABF	X	722	0	.08950	2030 R	1986	06	
6	1995	ZABF	X	111	0	.09300	2031	1987	04	
6	1995	ZABF	X	-111	0	.09300	2031	1992	04	
6	1995	ZABF	X	281	0	.09300	2031	1987	04	
6	1995	ZABF	X	-281	0	.09300	2031	1992	04	
6	1995	ZABF	X	554	0	.09300	2031	1987	04	
6	1995	ZABF	X	-554	0	.09300	2031	1992	04	
6	1995	ZABF	X	1409	0	.09300	2031	1987	04	
6	1995	ZABF	X	-1409	0	.09300	2031	1992	04	
6	1995	ZABF	X	2498	0	.08350	1992	1987	06	T
6	1995	ZABF	X	983	0	.08350	1992 R	1987	06	T
6	1995	ZABF	X	48	0	.09550	2017	1987	07	
6	1995	ZABF	X	38	0	.09550	2017 R	1987	07	
6	1995	ZABF	X	569	0	.09550	2017	1987	07	
6	1995	ZABF	X	285	0	.09550	2032	1987	07	
6	1995	ZABF	X	112	0	.09550	2032 R	1987	07	
6	1995	ZABF	X	631	0	.09550	2032	1987	07	
6	1995	ZABF	X	618	0	.09550	2032 R	1987	07	
6	1995	ZABF	X	283	0	.09500	2018	1988	02	
6	1995	ZABF	X	954	0	.09500	2033	1988	02	
6	1995	ZABF	X	-954	0	.09500	2033	1994	05	
6	1995	ZABF	X	933	0	.09500	2033 R	1988	02	
6	1995	ZABF	X	-933	0	.09500	2033 R	1994	05	
6	1995	ZABF	X	518	0	.09500	2033	1988	02	
6	1995	ZABF	X	-518	0	.09500	2033	1994	05	
6	1995	ZABF	X	1725	0	.09500	2033 R	1988	02	
6	1995	ZABF	X	-1725	0	.09500	2033 R	1994	05	
6	1995	ZABF	X	226	0	.09900	2033	1988	06	
6	1995	ZABF	X	752	0	.09900	2033 R	1988	06	
6	1995	ZABF	X	424	424	.08950	1999	1989	05	T

Prtg.txt											
6	1995	ZABF	X	1410	1410	.08950	1999 R	1989	05	T	
6	1995	ZABF	X	29	29	.09250	2030	1990	01	10	
6	1995	ZABF	X	96	96	.09250	2030 R	1990	01	10	
6	1995	ZABF	X	3008	3008	.09250	2030	1990	01	10	
6	1995	ZABF	X	5855	0	.07550	1995	1991	02	T	
6	1995	ZABF	X	2479	2479	.08800	2032	1992	04		
6	1995	ZABF	X	11016	11016	.08350	2033	1993	10		
6	1995	ZABF	X	14278	14278	.06850	2034	1994	10		
6	1995	ZABF	X	4456	0	.07100	1998	1994	05	01	P
6	1995	ZABF	X	8509	8509	.07700	2025	1995	07	05	
6	1995	ZACO	X	140000	0	.12200	2003	1983	09		
6	1995	ZACO	X	150000	0	.13050	2004	1984	09		
6	1995	ZACO	X	-120000	0	.13050	2004	1989	09		
6	1995	ZACO	X	50000	0	.10150	1990	1985	09	T	
6	1995	ZACO	X	50000	0	.08150	1996	1986	03	T	
6	1995	ZACO	X	50000	0	.07800	1991	1986	03	T	
6	1995	ZACO	X	75000	0	.09300	2007	1987	04		
6	1995	ZACO	X	-75000	0	.09300	2007	1992	04		
6	1995	ZACO	X	50000	0	.08350	1992	1987	06	T	
6	1995	ZACO	X	90000	0	.09900	2008	1988	04		
6	1995	ZACO	X	40000	40000	.08550	2009	1989	07	T	
6	1995	ZACO	X	66000	0	.08600	1995	1989	09	T	
6	1995	ZACO	X	66000	66000	.08650	2002	1989	09	T	
6	1995	ZACO	X	100000	100000	.07140	2007	1992	07		
6	1995	ZACO	X	80200	80200	.05800	1997	1992	07	T	
6	1995	ZACO	X	50000	50000	.08050	2013	1993	10		
6	1995	ZACO	X	50000	50000	.07400	2013	1993	02		
6	1995	ZACO	X	40000	40000	.06750	2013	1993	08		
6	1995	ZACO	X	50000	50000	.06750	2014	1994	01		
6	1995	ZACO	X	50000	32699	.07100	1998	1994	05	01	P
6	1995	ZACO	X	85000	85000	.07500	2015	1995	05	05	
6	1995	ZADB	X	35000	35000	.07500	2015	1995	05	05	
6	1995	ZAFW	X	25000	25000	.08950	1999	1989	05	T	
6	1995	ZAFW	X	50000		.07950	1996	1991	05	T	
6	1995	ZAFW	X	20000	20000	.06950	2008	1993	02		
6	1995	ZAFW	X	20000	0	.07650	1999	1994	09	01	P
6	1995	ZAFW	X	22900	22900	.07200	2010	1995	08	05	
				1392082	738048						

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124.84900 242367
245985

6	1995	ZIRR X	25143	25143	.00000	1997	1994
6	1995	ZIRR X	10103	10103	.00000	2001	1994
6	1995	ZIRR X	200	200	.00000	2004	1994
6	1995	ZIRR X	208	208	.00000	2004	1994
6	1995	ZIRR X	346	346	.00000	2004	1994
6	1995	ZIRR X	2950	2950	.00000	2008	1994
6	1995	ZIRR X	5602	5602	.00000	2009	1994
6	1995	ZIRR X	1996	1996	.00000	2009	1994
6	1995	ZIRR X	806	806	.00000	2012	1994
6	1995	ZIRR X	45073	45073	.00000	2013	1994
6	1995	ZIRR X	46353	46353	.00000	2014	1994
6	1995	ZIRR X	52846	52846	.00000	2015	1994
6	1995	ZIRR X	62214	62214	.00000	2016	1994
6	1995	ZIRR X	61953	61953	.00000	2017	1994
6	1995	ZIRR X	1071	1071	.00000	2017	1994
6	1995	ZIRR X	789	789	.00000	2017	1994
6	1995	ZIRR X	22576	22576	.00000	2018	1994
6	1995	ZIRR X	680	680	.00000	2018	1994
6	1995	ZIRR X	563	563	.00000	2018	1994
6	1995	ZIRR X	61026	61026	.00000	2019	1994
6	1995	ZIRR X	1125	1125	.00000	2019	1994
6	1995	ZIRR X	2081	2081	.00000	2019	1994
6	1995	ZIRR X	2081	2081	.00000	2019	1994
6	1995	ZIRR X	413	413	.00000	2019	1994
6	1995	ZIRR X	31524	31524	.00000	2020	1994
6	1995	ZIRR X	2076	2076	.00000	2020	1994
6	1995	ZIRR X	16165	16165	.00000	2021	1994
6	1995	ZIRR X	1527	1527	.00000	2021	1994
6	1995	ZIRR X	15610	15610	.00000	2022	1994
6	1995	ZIRR X	457	457	.00000	2022	1994
6	1995	ZIRR X	9673	9673	.00000	2023	1994
6	1995	ZIRR X	14647	14647	.00000	2024	1994
6	1995	ZIRR X	1943	1943	.00000	2024	1994
6	1995	ZIRR X	3794	3794	.00000	2024	1994
6	1995	ZIRR X	17294	17294	.00000	2025	1994

Prtg.txt							
6	1995	ZIRR	X	1202	1202	.00000	2025 1994
6	1995	ZIRR	X	3810	3810	.00000	2026 1994
6	1995	ZIRR	X	11907	11907	.00000	2026 1994
6	1995	ZIRR	X	953	953	.00000	2026 1994
6	1995	ZIRR	X	2326	2326	.00000	2026 1994
6	1995	ZIRR	X	8592	8592	.00000	2027 1994
6	1995	ZIRR	X	14857	14857	.00000	2028 1994
6	1995	ZIRR	X	4200	4200	.00000	2028 1994
6	1995	ZIRR	X	4092	4092	.00000	2029 1994
6	1995	ZIRR	X	2437	2437	.00000	2030 1994
6	1995	ZIRR	X	15912	15912	.00000	2031 1994
6	1995	ZIRR	X	15215	15215	.00000	2035 1994
6	1995	ZIRR	X	3660	3660	.00000	2036 1994
6	1995	ZIRR	X	15186	15186	.00000	2036 1994
6	1995	ZIRR	X	10047	10047	.00000	2036 1994
6	1995	ZIRR	X	4805	4805	.00000	2037 1994
6	1995	ZIRR	X	22983	22983	.00000	2037 1994
6	1995	ZIRR	X	15560	15560	.00000	2039 1994
6	1995	ZIRR	X	72652	72652	.00000	2042 1994
6	1995	ZIRR	X	27458	27458	.00000	2045 1995
				780762	780762		

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.00000 109671
111197

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PROJECTED FEDERAL INVESTMENTS

			ORIGINAL	CURRENT	INTEREST	DUE	INSERVICE	CALENDAR
	PROJECT		PRINCIPAL	PRINCIPAL	RATE	DATE	DATE	MONTH
6	1997	ALBE	X	341	341	.06490	2047	1997
6	1997	BOIS	X	89	89	.06200	2012	1997
6	1997	BOIS	X	129	129	.06490	2047 R	1997
6	1997	BONN	X	12429	12429	.06490	2047	1997
6	1997	BONN	X	802	802	.06490	2047	1997
6	1997	BONN	X	802	802	.06490	2047 R	1997
6	1997	CHIE	X	361	361	.06490	2032	1997

				Prtg.txt			
6	1997	COLU X	416	416	.06490	2032 R	1997
6	1997	COLU X	4915	4915	.06490	2047	1997
6	1997	CRFB X	73757	73757	.06490	2047	1997
6	1997	DWOR X	128	128	.06490	2032	1997
6	1997	GREE X	75	75	.06200	2012	1997
6	1997	HUNG X	6	6	.05810	2002	1997
6	1997	HUNG X	462	462	.06490	2047 R	1997
6	1997	ICEH X	1335	1335	.06490	2047	1997
6	1997	JOHN X	162	162	.06390	2022	1997
6	1997	LIBB X	1335	1335	.06490	2047	1997
6	1997	LOWM X	188	188	.06490	2032	1997
6	1997	LSFW X	3901	3901	.06490	2047	1997
6	1997	MINI X	188	188	.06490	2032	1997
6	1997	MINI X	46867	46867	.06490	2047	1997
6	1997	THED X	513	513	.06490	2032	1997
6	1998	BOIS X	90	90	.05850	2013	1998
6	1998	BOIS X	193	193	.05440	2003 R	1998
6	1998	BONN X	22149	22149	.06180	2048	1998
6	1998	COLU X	357	357	.06180	2033	1998
6	1998	COLU X	898	898	.06180	2033 R	1998
6	1998	CRFB X	137104	137104	.06180	2048	1998
6	1998	HUNG X	262	262	.06180	2033	1998
6	1998	HUNG X	217	217	.06180	2048 R	1998
6	1998	LSFW X	2768	2768	.06180	2048	1998
6	1998	MINI X	128	128	.06180	2033	1998
6	1998	MINI X	277	277	.06180	2033	1998
6	1998	YAKR X	43	43	.06070	2023 R	1998
			313687	313687			

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21.44000 67910
69200

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6	1996	ZABF X	15798	15798	.07240	2041	1996	03
6	1996	ZAFW X	24000	24000	.06950	2011	1996	03
6	1996	ZACO X	99700	99700	.07050	2016	1996	03
6	1996	ZADB X	39700	39700	.07240	2041	1996	03
6	1997	ZABF X	12670	12670	.06930	2042	1997	03
6	1997	ZAFW X	27000	27000	.06600	2012	1997	03

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6	1997	ZACO	X	56900	56900	.06710	2017	1997	03
6	1997	ZADB	X	17300	17300	.06930	2042	1997	03
6	1998	ZABF	X	14883	14883	.06720	2043	1998	03
6	1998	ZAFW	X	27000	27000	.06400	2013	1998	03
6	1998	ZACO	X	42600	42600	.06500	2018	1998	03
6	1998	ZADB	X	13200	13200	.06720	2043	1998	03
				390751	390751				

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8.19900 23964
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CORPS-BUREAU REPLACEMENTS

INSERVICE	DATE	PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	DATE DUE	INTEREST RATE
6	2000	ALBE X	49	49	2015 R	.05847
6	2003	ALBE X	112	112	2015 R	.05780
6	2005	ALBE X	1027	1027	2015 R	.05735
6	2005	ALBE X	2165	2165	2030 R	.06071
6	2005	ALBE X	2031	2031	2055 R	.06183
6	2015	ALBE X	1027	1027	2025 R	.05735
6	2015	ALBE X	112	112	2027 R	.05780
6	2015	ALBE X	49	49	2030 R	.05847
6	2015	ALBE X	796	796	2035 R	.05959
6	2025	ALBE X	1027	1027	2035 R	.05735
6	2025	ALBE X	7296	7296	2060 R	.06183
6	2027	ALBE X	112	112	2039 R	.05780
6	2030	ALBE X	49	49	2045 R	.05847
6	2030	ALBE X	2165	2165	2055 R	.06071
6	2035	ALBE X	796	796	2055 R	.05959
6	2035	ALBE X	1027	1027	2045 R	.05735
6	2035	ALBE X	547	547	2075 R	.06183
6	2039	ALBE X	112	112	2051 R	.05780
6	2045	ALBE X	1027	1027	2055 R	.05735
6	2045	ALBE X	49	49	2060 R	.05847

						Prtg.txt
6	2002	BOIS X	2264	2264	2027 R	.06071
6	2002	BOIS X	12	12	2017 R	.05847
6	2007	BOIS X	124	124	2027 R	.05959
6	2007	BOIS X	702	702	2047 R	.06183
6	2017	BOIS X	58	58	2047 R	.06183
6	2017	BOIS X	670	670	2062 R	.06183
6	2017	BOIS X	12	12	2032 R	.05847
6	2027	BOIS X	2264	2264	2052 R	.06071
6	2027	BOIS X	7578	7578	2077 R	.06183
6	2027	BOIS X	124	124	2047 R	.05959
6	2032	BOIS X	12	12	2047 R	.05847
6	2032	BOIS X	851	851	2067 R	.06183
6	2047	BOIS X	12	12	2062 R	.05847
6	2047	BOIS X	124	124	2067 R	.05959
6	2047	BOIS X	58	58	2077 R	.06183
6	2047	BOIS X	702	702	2087 R	.06183
6	2001	BONN X	557	557	2021 R	.05959
6	2001	BONN X	2309	2309	2016 R	.05847
6	2001	BONN X	100	100	2011 R	.05735
6	2001	BONN X	75	75	2006 R	.05440
6	2001	BONN X	131	131	2013 R	.05780
6	2002	BONN X	13	13	2027 R	.06071
6	2004	BONN X	5	5	2011 R	.05575
6	2006	BONN X	75	75	2011 R	.05440
6	2007	BONN X	3842	3842	2032 R	.06071
6	2011	BONN X	75	75	2016 R	.05440
6	2011	BONN X	5	5	2018 R	.05575
6	2011	BONN X	100	100	2021 R	.05735
6	2011	BONN X	65863	65863	2046 R	.06183
6	2012	BONN X	1001	1001	2027 R	.05847
6	2012	BONN X	47	47	2047 R	.06183
6	2013	BONN X	131	131	2025 R	.05780
6	2016	BONN X	75	75	2021 R	.05440
6	2016	BONN X	2309	2309	2031 R	.05847
6	2016	BONN X	2324	2324	2041 R	.06071
6	2017	BONN X	244	244	2057 R	.06183
6	2017	BONN X	63306	63306	2052 R	.06183
6	2018	BONN X	5	5	2025 R	.05575
6	2021	BONN X	100	100	2031 R	.05735

					Prtg.txt		
6	2021	BONN	X	58069	58069	2061 R	.06183
6	2021	BONN	X	557	557	2041 R	.05959
6	2021	BONN	X	75	75	2026 R	.05440
6	2022	BONN	X	56582	56582	2062 R	.06183
6	2025	BONN	X	131	131	2037 R	.05780
6	2025	BONN	X	5	5	2032 R	.05575
6	2026	BONN	X	75	75	2031 R	.05440
6	2027	BONN	X	1001	1001	2042 R	.05847
6	2027	BONN	X	867	867	2072 R	.06183
6	2027	BONN	X	370	370	2077 R	.06183
6	2027	BONN	X	13	13	2052 R	.06071
6	2031	BONN	X	1000	1000	2076 R	.06183
6	2031	BONN	X	75	75	2036 R	.05440
6	2031	BONN	X	100	100	2041 R	.05735
6	2031	BONN	X	2309	2309	2046 R	.05847
6	2032	BONN	X	12264	12264	2082 R	.06183
6	2032	BONN	X	3842	3842	2057 R	.06071
6	2032	BONN	X	5	5	2039 R	.05575
6	2036	BONN	X	75	75	2041 R	.05440
6	2037	BONN	X	131	131	2049 R	.05780
6	2039	BONN	X	5	5	2046 R	.05575
6	2041	BONN	X	557	557	2061 R	.05959
6	2041	BONN	X	19307	19307	2091 R	.06183
6	2041	BONN	X	2324	2324	2066 R	.06071
6	2041	BONN	X	100	100	2051 R	.05735
6	2041	BONN	X	75	75	2046 R	.05440
6	2042	BONN	X	1001	1001	2057 R	.05847
6	2046	BONN	X	65863	65863	2081 R	.06183
6	2046	BONN	X	75	75	2051 R	.05440
6	2046	BONN	X	5	5	2053 R	.05575
6	2046	BONN	X	2309	2309	2061 R	.05847
6	2047	BONN	X	47	47	2082 R	.06183
6	2002	CHIE	X	1214	1214	2017 R	.05847
6	2003	CHIE	X	291	291	2028 R	.06071
6	2007	CHIE	X	3565	3565	2032 R	.06071
6	2007	CHIE	X	9931	9931	2057 R	.06183
6	2007	CHIE	X	35	35	2017 R	.05735
6	2008	CHIE	X	172	172	2023 R	.05847
6	2013	CHIE	X	59286	59286	2048 R	.06183

						Prtg.txt
6	2017	CHIE X	1855	1855	2037 R	.05959
6	2017	CHIE X	1214	1214	2032 R	.05847
6	2017	CHIE X	35	35	2027 R	.05735
6	2018	CHIE X	37885	37885	2058 R	.06183
6	2018	CHIE X	602	602	2038 R	.05959
6	2023	CHIE X	172	172	2038 R	.05847
6	2027	CHIE X	35	35	2037 R	.05735
6	2027	CHIE X	48910	48910	2062 R	.06183
6	2028	CHIE X	291	291	2053 R	.06071
6	2028	CHIE X	10475	10475	2078 R	.06183
6	2032	CHIE X	3565	3565	2057 R	.06071
6	2032	CHIE X	1214	1214	2047 R	.05847
6	2037	CHIE X	23523	23523	2077 R	.06183
6	2037	CHIE X	35	35	2047 R	.05735
6	2037	CHIE X	1855	1855	2057 R	.05959
6	2038	CHIE X	602	602	2058 R	.05959
6	2038	CHIE X	172	172	2053 R	.05847
6	2047	CHIE X	35	35	2057 R	.05735
6	2047	CHIE X	1214	1214	2062 R	.05847
6	2048	CHIE X	59286	59286	2083 R	.06183
6	2003	COLU X	48216	48216	2028 R	.06071
6	2007	COLU X	741	741	2022 R	.05847
6	2007	COLU X	4143	4143	2027 R	.05959
6	2007	COLU X	1833	1833	2037 R	.06183
6	2008	COLU X	1000	1000	2023 R	.05847
6	2008	COLU X	2058	2058	2038 R	.06183
6	2013	COLU X	48056	48056	2048 R	.06183
6	2017	COLU X	34710	34710	2052 R	.06183
6	2018	COLU X	4846	4846	2038 R	.05959
6	2018	COLU X	167782	167782	2058 R	.06183
6	2022	COLU X	741	741	2037 R	.05847
6	2022	COLU X	41000	41000	2047 R	.06071
6	2023	COLU X	1000	1000	2038 R	.05847
6	2023	COLU X	52336	52336	2068 R	.06183
6	2027	COLU X	39088	39088	2067 R	.06183
6	2027	COLU X	4143	4143	2047 R	.05959
6	2028	COLU X	101938	101938	2078 R	.06183
6	2028	COLU X	48216	48216	2053 R	.06071
6	2037	COLU X	741	741	2052 R	.05847

						Prtg.txt
6	2037	COLU X	40942	40942	2082 R	.06183
6	2037	COLU X	1833	1833	2067 R	.06183
6	2038	COLU X	4846	4846	2058 R	.05959
6	2038	COLU X	1000	1000	2053 R	.05847
6	2038	COLU X	2058	2058	2068 R	.06183
6	2047	COLU X	4143	4143	2067 R	.05959
6	2047	COLU X	41000	41000	2072 R	.06071
6	2047	COLU X	131531	131531	2097 R	.06183
6	2048	COLU X	48056	48056	2083 R	.06183
6	1999	COUG X	2	2	2006 R	.05575
6	1999	COUG X	2270	2270	2034 R	.06183
6	2004	COUG X	3	3	2012 R	.05628
6	2004	COUG X	1423	1423	2044 R	.06183
6	2004	COUG X	64	64	2024 R	.05959
6	2006	COUG X	2	2	2013 R	.05575
6	2009	COUG X	40	40	2024 R	.05847
6	2012	COUG X	3	3	2020 R	.05628
6	2013	COUG X	2	2	2020 R	.05575
6	2014	COUG X	580	580	2064 R	.06183
6	2014	COUG X	120	120	2039 R	.06071
6	2020	COUG X	2	2	2027 R	.05575
6	2020	COUG X	3	3	2028 R	.05628
6	2024	COUG X	64	64	2044 R	.05959
6	2024	COUG X	40	40	2039 R	.05847
6	2027	COUG X	2	2	2034 R	.05575
6	2028	COUG X	3	3	2036 R	.05628
6	2034	COUG X	2270	2270	2069 R	.06183
6	2034	COUG X	2	2	2041 R	.05575
6	2036	COUG X	3	3	2044 R	.05628
6	2039	COUG X	120	120	2064 R	.06071
6	2039	COUG X	40	40	2054 R	.05847
6	2041	COUG X	2	2	2048 R	.05575
6	2044	COUG X	64	64	2064 R	.05959
6	2044	COUG X	3	3	2052 R	.05628
6	2044	COUG X	1423	1423	2084 R	.06183
6	2048	COUG X	2	2	2055 R	.05575
6	1999	DETR X	2	2	2004 R	.05440
6	1999	DETR X	83	83	2014 R	.05847
6	1999	DETR X	266	266	2014 R	.05847

						Prtg.txt
6	2002	DETR X	28	28	2010 R	.05628
6	2002	DETR X	16	16	2014 R	.05780
6	2003	DETR X	4	4	2010 R	.05575
6	2004	DETR X	2	2	2009 R	.05440
6	2004	DETR X	21	21	2014 R	.05735
6	2004	DETR X	187	187	2029 R	.06071
6	2004	DETR X	509	509	2054 R	.06183
6	2004	DETR X	555	555	2029 R	.06071
6	2004	DETR X	2514	2514	2054 R	.06183
6	2009	DETR X	2	2	2014 R	.05440
6	2010	DETR X	4	4	2017 R	.05575
6	2010	DETR X	28	28	2018 R	.05628
6	2014	DETR X	83	83	2029 R	.05847
6	2014	DETR X	2	2	2019 R	.05440
6	2014	DETR X	266	266	2029 R	.05847
6	2014	DETR X	101	101	2034 R	.05959
6	2014	DETR X	16	16	2026 R	.05780
6	2014	DETR X	21	21	2024 R	.05735
6	2017	DETR X	4	4	2024 R	.05575
6	2018	DETR X	28	28	2026 R	.05628
6	2019	DETR X	2	2	2024 R	.05440
6	2024	DETR X	21	21	2034 R	.05735
6	2024	DETR X	2	2	2029 R	.05440
6	2024	DETR X	2256	2256	2059 R	.06183
6	2024	DETR X	11545	11545	2059 R	.06183
6	2024	DETR X	4	4	2031 R	.05575
6	2026	DETR X	28	28	2034 R	.05628
6	2026	DETR X	16	16	2038 R	.05780
6	2029	DETR X	187	187	2054 R	.06071
6	2029	DETR X	266	266	2044 R	.05847
6	2029	DETR X	2	2	2034 R	.05440
6	2029	DETR X	83	83	2044 R	.05847
6	2029	DETR X	555	555	2054 R	.06071
6	2031	DETR X	4	4	2038 R	.05575
6	2034	DETR X	2	2	2039 R	.05440
6	2034	DETR X	4385	4385	2074 R	.06183
6	2034	DETR X	1353	1353	2074 R	.06183
6	2034	DETR X	21	21	2044 R	.05735
6	2034	DETR X	28	28	2042 R	.05628

						Prtg.txt
6	2034	DETR X	101	101	2054 R	.05959
6	2038	DETR X	4	4	2045 R	.05575
6	2038	DETR X	16	16	2050 R	.05780
6	2039	DETR X	2	2	2044 R	.05440
6	2042	DETR X	28	28	2050 R	.05628
6	2044	DETR X	2	2	2049 R	.05440
6	2044	DETR X	83	83	2059 R	.05847
6	2044	DETR X	21	21	2054 R	.05735
6	2044	DETR X	266	266	2059 R	.05847
6	2045	DETR X	4	4	2052 R	.05575
6	2001	DWOR X	16	16	2008 R	.05575
6	2003	DWOR X	2687	2687	2018 R	.05847
6	2003	DWOR X	168	168	2013 R	.05735
6	2005	DWOR X	35	35	2013 R	.05628
6	2008	DWOR X	11384	11384	2043 R	.06183
6	2008	DWOR X	16	16	2015 R	.05575
6	2009	DWOR X	49	49	2021 R	.05780
6	2013	DWOR X	35	35	2021 R	.05628
6	2013	DWOR X	168	168	2023 R	.05735
6	2013	DWOR X	3136	3136	2033 R	.05959
6	2013	DWOR X	7075	7075	2053 R	.06183
6	2015	DWOR X	16	16	2022 R	.05575
6	2018	DWOR X	2687	2687	2033 R	.05847
6	2021	DWOR X	35	35	2029 R	.05628
6	2021	DWOR X	49	49	2033 R	.05780
6	2022	DWOR X	16	16	2029 R	.05575
6	2023	DWOR X	1604	1604	2073 R	.06183
6	2023	DWOR X	6771	6771	2048 R	.06071
6	2023	DWOR X	168	168	2033 R	.05735
6	2029	DWOR X	16	16	2036 R	.05575
6	2029	DWOR X	35	35	2037 R	.05628
6	2033	DWOR X	168	168	2043 R	.05735
6	2033	DWOR X	2687	2687	2048 R	.05847
6	2033	DWOR X	49	49	2045 R	.05780
6	2033	DWOR X	3136	3136	2053 R	.05959
6	2036	DWOR X	16	16	2043 R	.05575
6	2037	DWOR X	35	35	2045 R	.05628
6	2043	DWOR X	168	168	2053 R	.05735
6	2043	DWOR X	16	16	2050 R	.05575

						Prtg.txt
6	2043	DWOR X	11384	11384	2078 R	.06183
6	2045	DWOR X	49	49	2057 R	.05780
6	2045	DWOR X	35	35	2053 R	.05628
6	2048	DWOR X	6771	6771	2073 R	.06071
6	2048	DWOR X	2687	2687	2063 R	.05847
6	1999	GREE X	13	13	2007 R	.05628
6	2002	GREE X	3459	3459	2037 R	.06183
6	2002	GREE X	16	16	2009 R	.05575
6	2003	GREE X	1703	1703	2038 R	.06183
6	2007	GREE X	19	19	2017 R	.05735
6	2007	GREE X	13	13	2015 R	.05628
6	2007	GREE X	1788	1788	2047 R	.06183
6	2007	GREE X	121	121	2027 R	.05959
6	2008	GREE X	62	62	2028 R	.05959
6	2008	GREE X	1537	1537	2048 R	.06183
6	2009	GREE X	16	16	2016 R	.05575
6	2012	GREE X	875	875	2027 R	.05847
6	2013	GREE X	715	715	2028 R	.05847
6	2015	GREE X	13	13	2023 R	.05628
6	2016	GREE X	16	16	2023 R	.05575
6	2017	GREE X	401	401	2042 R	.06071
6	2017	GREE X	1431	1431	2067 R	.06183
6	2017	GREE X	19	19	2027 R	.05735
6	2018	GREE X	252	252	2068 R	.06183
6	2018	GREE X	145	145	2043 R	.06071
6	2023	GREE X	13	13	2031 R	.05628
6	2023	GREE X	16	16	2030 R	.05575
6	2027	GREE X	19	19	2037 R	.05735
6	2027	GREE X	121	121	2047 R	.05959
6	2027	GREE X	875	875	2042 R	.05847
6	2028	GREE X	715	715	2043 R	.05847
6	2028	GREE X	62	62	2048 R	.05959
6	2030	GREE X	16	16	2037 R	.05575
6	2031	GREE X	13	13	2039 R	.05628
6	2037	GREE X	3459	3459	2072 R	.06183
6	2037	GREE X	19	19	2047 R	.05735
6	2037	GREE X	16	16	2044 R	.05575
6	2038	GREE X	1703	1703	2073 R	.06183
6	2039	GREE X	13	13	2047 R	.05628

						Prtg.txt	
6	2042	GREE X	875	875	2057 R	.05847	
6	2042	GREE X	401	401	2067 R	.06071	
6	2043	GREE X	715	715	2058 R	.05847	
6	2043	GREE X	145	145	2068 R	.06071	
6	2044	GREE X	16	16	2051 R	.05575	
6	2047	GREE X	19	19	2057 R	.05735	
6	2047	GREE X	121	121	2067 R	.05959	
6	2047	GREE X	1788	1788	2087 R	.06183	
6	2047	GREE X	13	13	2055 R	.05628	
6	2048	GREE X	1537	1537	2088 R	.06183	
6	2048	GREE X	62	62	2068 R	.05959	
6	2002	HILL X	45	45	2022 R	.05959	
6	2002	HILL X	1450	1450	2042 R	.06183	
6	2007	HILL X	438	438	2022 R	.05847	
6	2007	HILL X	79	79	2052 R	.06183	
6	2012	HILL X	459	459	2062 R	.06183	
6	2012	HILL X	139	139	2037 R	.06071	
6	2022	HILL X	438	438	2037 R	.05847	
6	2022	HILL X	45	45	2042 R	.05959	
6	2032	HILL X	2164	2164	2067 R	.06183	
6	2037	HILL X	438	438	2052 R	.05847	
6	2037	HILL X	139	139	2062 R	.06071	
6	2042	HILL X	1450	1450	2082 R	.06183	
6	2042	HILL X	45	45	2062 R	.05959	
6	2003	HUNG X	9402	9402	2028 R	.06071	
6	2003	HUNG X	40462	40462	2053 R	.06183	
6	2013	HUNG X	415	415	2043 R	.06183	
6	2013	HUNG X	411	411	2028 R	.05847	
6	2013	HUNG X	618	618	2033 R	.05959	
6	2023	HUNG X	2936	2936	2058 R	.06183	
6	2028	HUNG X	9402	9402	2053 R	.06071	
6	2028	HUNG X	411	411	2043 R	.05847	
6	2033	HUNG X	618	618	2053 R	.05959	
6	2033	HUNG X	5376	5376	2073 R	.06183	
6	2043	HUNG X	411	411	2058 R	.05847	
6	2043	HUNG X	5902	5902	2088 R	.06183	
6	2043	HUNG X	415	415	2073 R	.06183	
6	2001	ICEH X	39	39	2026 R	.06071	
6	2002	ICEH X	74	74	2012 R	.05735	

						Prtg.txt
6	2002	ICEH X	1333	1333	2022 R	.05959
6	2002	ICEH X	10637	10637	2042 R	.06183
6	2002	ICEH X	24	24	2010 R	.05628
6	2004	ICEH X	14	14	2011 R	.05575
6	2007	ICEH X	155	155	2052 R	.06183
6	2007	ICEH X	767	767	2022 R	.05847
6	2010	ICEH X	24	24	2018 R	.05628
6	2011	ICEH X	5930	5930	2046 R	.06183
6	2011	ICEH X	14	14	2018 R	.05575
6	2012	ICEH X	3612	3612	2062 R	.06183
6	2012	ICEH X	1454	1454	2037 R	.06071
6	2012	ICEH X	74	74	2022 R	.05735
6	2016	ICEH X	179	179	2036 R	.05959
6	2016	ICEH X	3979	3979	2056 R	.06183
6	2018	ICEH X	14	14	2025 R	.05575
6	2018	ICEH X	24	24	2026 R	.05628
6	2021	ICEH X	25	25	2066 R	.06183
6	2022	ICEH X	542	542	2052 R	.06183
6	2022	ICEH X	1333	1333	2042 R	.05959
6	2022	ICEH X	74	74	2032 R	.05735
6	2022	ICEH X	767	767	2037 R	.05847
6	2025	ICEH X	14	14	2032 R	.05575
6	2026	ICEH X	1143	1143	2076 R	.06183
6	2026	ICEH X	24	24	2034 R	.05628
6	2026	ICEH X	39	39	2051 R	.06071
6	2032	ICEH X	14	14	2039 R	.05575
6	2032	ICEH X	74	74	2042 R	.05735
6	2032	ICEH X	15452	15452	2067 R	.06183
6	2034	ICEH X	24	24	2042 R	.05628
6	2036	ICEH X	179	179	2056 R	.05959
6	2037	ICEH X	767	767	2052 R	.05847
6	2037	ICEH X	1454	1454	2062 R	.06071
6	2039	ICEH X	14	14	2046 R	.05575
6	2042	ICEH X	1333	1333	2062 R	.05959
6	2042	ICEH X	24	24	2050 R	.05628
6	2042	ICEH X	10637	10637	2082 R	.06183
6	2042	ICEH X	74	74	2052 R	.05735
6	2046	ICEH X	14	14	2053 R	.05575
6	2046	ICEH X	5930	5930	2081 R	.06183

						Prtg.txt
6	2000	JOHN X	1794	1794	2015 R	.05847
6	2000	JOHN X	486	486	2030 R	.06183
6	2000	JOHN X	37	37	2010 R	.05735
6	2000	JOHN X	25	25	2005 R	.05440
6	2005	JOHN X	4	4	2012 R	.05575
6	2005	JOHN X	41671	41671	2040 R	.06183
6	2005	JOHN X	25	25	2010 R	.05440
6	2006	JOHN X	143	143	2018 R	.05780
6	2010	JOHN X	25979	25979	2050 R	.06183
6	2010	JOHN X	587	587	2030 R	.05959
6	2010	JOHN X	25	25	2015 R	.05440
6	2010	JOHN X	37	37	2020 R	.05735
6	2012	JOHN X	4	4	2019 R	.05575
6	2015	JOHN X	25	25	2020 R	.05440
6	2015	JOHN X	1794	1794	2030 R	.05847
6	2018	JOHN X	143	143	2030 R	.05780
6	2019	JOHN X	4	4	2026 R	.05575
6	2020	JOHN X	25	25	2025 R	.05440
6	2020	JOHN X	37	37	2030 R	.05735
6	2020	JOHN X	8426	8426	2070 R	.06183
6	2020	JOHN X	3181	3181	2045 R	.06071
6	2025	JOHN X	25	25	2030 R	.05440
6	2026	JOHN X	4	4	2033 R	.05575
6	2030	JOHN X	486	486	2060 R	.06183
6	2030	JOHN X	25	25	2035 R	.05440
6	2030	JOHN X	143	143	2042 R	.05780
6	2030	JOHN X	37	37	2040 R	.05735
6	2030	JOHN X	587	587	2050 R	.05959
6	2030	JOHN X	1794	1794	2045 R	.05847
6	2033	JOHN X	4	4	2040 R	.05575
6	2035	JOHN X	25	25	2040 R	.05440
6	2040	JOHN X	25	25	2045 R	.05440
6	2040	JOHN X	4	4	2047 R	.05575
6	2040	JOHN X	37	37	2050 R	.05735
6	2040	JOHN X	41671	41671	2075 R	.06183
6	2042	JOHN X	143	143	2054 R	.05780
6	2045	JOHN X	3181	3181	2070 R	.06071
6	2045	JOHN X	1794	1794	2060 R	.05847
6	2045	JOHN X	25	25	2050 R	.05440

						Prtg.txt	
6	2047	JOHN X	4	4	2054 R	.05575	
6	2000	LIBB X	177	177	2015 R	.05847	
6	2001	LIBB X	2236	2236	2026 R	.06071	
6	2004	LIBB X	58	58	2011 R	.05575	
6	2006	LIBB X	58	58	2016 R	.05735	
6	2006	LIBB X	1612	1612	2021 R	.05847	
6	2010	LIBB X	238	238	2035 R	.06071	
6	2011	LIBB X	58	58	2018 R	.05575	
6	2011	LIBB X	8915	8915	2046 R	.06183	
6	2015	LIBB X	177	177	2030 R	.05847	
6	2016	LIBB X	13316	13316	2056 R	.06183	
6	2016	LIBB X	58	58	2026 R	.05735	
6	2016	LIBB X	567	567	2036 R	.05959	
6	2018	LIBB X	58	58	2025 R	.05575	
6	2020	LIBB X	6455	6455	2055 R	.06183	
6	2021	LIBB X	1612	1612	2036 R	.05847	
6	2025	LIBB X	6697	6697	2065 R	.06183	
6	2025	LIBB X	58	58	2032 R	.05575	
6	2026	LIBB X	2236	2236	2051 R	.06071	
6	2026	LIBB X	58	58	2036 R	.05735	
6	2026	LIBB X	2841	2841	2076 R	.06183	
6	2030	LIBB X	177	177	2045 R	.05847	
6	2032	LIBB X	58	58	2039 R	.05575	
6	2035	LIBB X	4423	4423	2085 R	.06183	
6	2035	LIBB X	238	238	2060 R	.06071	
6	2036	LIBB X	1612	1612	2051 R	.05847	
6	2036	LIBB X	567	567	2056 R	.05959	
6	2036	LIBB X	58	58	2046 R	.05735	
6	2039	LIBB X	58	58	2046 R	.05575	
6	2045	LIBB X	177	177	2060 R	.05847	
6	2046	LIBB X	8915	8915	2081 R	.06183	
6	2046	LIBB X	58	58	2056 R	.05735	
6	2046	LIBB X	58	58	2053 R	.05575	
6	1999	LITT X	21	21	2006 R	.05575	
6	2001	LITT X	11	11	2011 R	.05735	
6	2001	LITT X	222	222	2031 R	.06183	
6	2001	LITT X	1429	1429	2016 R	.05847	
6	2003	LITT X	37	37	2011 R	.05628	
6	2003	LITT X	35	35	2028 R	.06071	

					Prtg.txt	
6	2006	LITT X	11539	11539	2041 R	.06183
6	2006	LITT X	21	21	2013 R	.05575
6	2008	LITT X	955	955	2018 R	.05735
6	2011	LITT X	37	37	2019 R	.05628
6	2011	LITT X	9683	9683	2051 R	.06183
6	2011	LITT X	11	11	2021 R	.05735
6	2011	LITT X	409	409	2031 R	.05959
6	2013	LITT X	21	21	2020 R	.05575
6	2013	LITT X	9004	9004	2048 R	.06183
6	2016	LITT X	1429	1429	2031 R	.05847
6	2018	LITT X	8074	8074	2058 R	.06183
6	2018	LITT X	955	955	2028 R	.05735
6	2018	LITT X	178	178	2038 R	.05959
6	2019	LITT X	37	37	2027 R	.05628
6	2020	LITT X	21	21	2027 R	.05575
6	2021	LITT X	11	11	2031 R	.05735
6	2021	LITT X	897	897	2046 R	.06071
6	2021	LITT X	3274	3274	2071 R	.06183
6	2023	LITT X	116	116	2068 R	.06183
6	2027	LITT X	37	37	2035 R	.05628
6	2027	LITT X	21	21	2034 R	.05575
6	2028	LITT X	955	955	2038 R	.05735
6	2028	LITT X	1567	1567	2078 R	.06183
6	2028	LITT X	35	35	2053 R	.06071
6	2031	LITT X	1429	1429	2046 R	.05847
6	2031	LITT X	11	11	2041 R	.05735
6	2031	LITT X	409	409	2051 R	.05959
6	2031	LITT X	222	222	2061 R	.06183
6	2034	LITT X	21	21	2041 R	.05575
6	2035	LITT X	37	37	2043 R	.05628
6	2038	LITT X	178	178	2058 R	.05959
6	2038	LITT X	955	955	2048 R	.05735
6	2041	LITT X	11539	11539	2076 R	.06183
6	2041	LITT X	11	11	2051 R	.05735
6	2041	LITT X	21	21	2048 R	.05575
6	2043	LITT X	37	37	2051 R	.05628
6	2046	LITT X	1429	1429	2061 R	.05847
6	2046	LITT X	897	897	2071 R	.06071
6	2048	LITT X	9004	9004	2083 R	.06183

						Prtg.txt
6	2048	LITT X	21	21	2055 R	.05575
6	2048	LITT X	955	955	2058 R	.05735
6	2000	LOOK X	68	68	2015 R	.05847
6	2000	LOOK X	392	392	2015 R	.05847
6	2003	LOOK X	5	5	2011 R	.05628
6	2003	LOOK X	36	36	2015 R	.05780
6	2004	LOOK X	14	14	2011 R	.05575
6	2005	LOOK X	458	458	2055 R	.06183
6	2005	LOOK X	3665	3665	2055 R	.06183
6	2005	LOOK X	485	485	2030 R	.06071
6	2005	LOOK X	97	97	2015 R	.05735
6	2011	LOOK X	5	5	2019 R	.05628
6	2011	LOOK X	14	14	2018 R	.05575
6	2015	LOOK X	32	32	2035 R	.05959
6	2015	LOOK X	36	36	2027 R	.05780
6	2015	LOOK X	392	392	2030 R	.05847
6	2015	LOOK X	68	68	2030 R	.05847
6	2015	LOOK X	97	97	2025 R	.05735
6	2015	LOOK X	398	398	2035 R	.05959
6	2018	LOOK X	14	14	2025 R	.05575
6	2019	LOOK X	5	5	2027 R	.05628
6	2025	LOOK X	97	97	2035 R	.05735
6	2025	LOOK X	14	14	2032 R	.05575
6	2025	LOOK X	1929	1929	2060 R	.06183
6	2025	LOOK X	9624	9624	2060 R	.06183
6	2027	LOOK X	36	36	2039 R	.05780
6	2027	LOOK X	5	5	2035 R	.05628
6	2030	LOOK X	485	485	2055 R	.06071
6	2030	LOOK X	68	68	2045 R	.05847
6	2030	LOOK X	392	392	2045 R	.05847
6	2032	LOOK X	14	14	2039 R	.05575
6	2035	LOOK X	97	97	2045 R	.05735
6	2035	LOOK X	5	5	2043 R	.05628
6	2035	LOOK X	32	32	2055 R	.05959
6	2035	LOOK X	2090	2090	2075 R	.06183
6	2035	LOOK X	5027	5027	2075 R	.06183
6	2035	LOOK X	398	398	2055 R	.05959
6	2039	LOOK X	36	36	2051 R	.05780
6	2039	LOOK X	14	14	2046 R	.05575

						Prtg.txt	
6	2043	LOOK X	5	5	2051 R	.05628	
6	2045	LOOK X	68	68	2060 R	.05847	
6	2045	LOOK X	392	392	2060 R	.05847	
6	2045	LOOK X	97	97	2055 R	.05735	
6	2046	LOOK X	14	14	2053 R	.05575	
6	2002	LOST X	147	147	2027 R	.06071	
6	2005	LOST X	1	1	2012 R	.05575	
6	2007	LOST X	16	16	2037 R	.06183	
6	2007	LOST X	4	4	2017 R	.05735	
6	2007	LOST X	34	34	2022 R	.05847	
6	2012	LOST X	1397	1397	2047 R	.06183	
6	2012	LOST X	1	1	2019 R	.05575	
6	2017	LOST X	4	4	2027 R	.05735	
6	2017	LOST X	67	67	2037 R	.05959	
6	2017	LOST X	1090	1090	2057 R	.06183	
6	2019	LOST X	1	1	2026 R	.05575	
6	2022	LOST X	472	472	2067 R	.06183	
6	2022	LOST X	34	34	2037 R	.05847	
6	2026	LOST X	1	1	2033 R	.05575	
6	2027	LOST X	4	4	2037 R	.05735	
6	2027	LOST X	533	533	2077 R	.06183	
6	2027	LOST X	147	147	2052 R	.06071	
6	2033	LOST X	1	1	2040 R	.05575	
6	2037	LOST X	67	67	2057 R	.05959	
6	2037	LOST X	34	34	2052 R	.05847	
6	2037	LOST X	4	4	2047 R	.05735	
6	2037	LOST X	16	16	2067 R	.06183	
6	2040	LOST X	1	1	2047 R	.05575	
6	2047	LOST X	1397	1397	2082 R	.06183	
6	2047	LOST X	1	1	2054 R	.05575	
6	2047	LOST X	4	4	2057 R	.05735	
6	1999	LOWG X	19	19	2011 R	.05780	
6	1999	LOWG X	29	29	2007 R	.05628	
6	2000	LOWG X	191	191	2025 R	.06071	
6	2003	LOWG X	22	22	2010 R	.05575	
6	2003	LOWG X	107	107	2028 R	.06071	
6	2005	LOWG X	614	614	2035 R	.06183	
6	2005	LOWG X	818	818	2015 R	.05735	
6	2005	LOWG X	2330	2330	2020 R	.05847	

						Prtg.txt
6	2007	LOWG X	29	29	2015 R	.05628
6	2008	LOWG X	287	287	2023 R	.05847
6	2010	LOWG X	22	22	2017 R	.05575
6	2010	LOWG X	7772	7772	2045 R	.06183
6	2011	LOWG X	19	19	2023 R	.05780
6	2013	LOWG X	9154	9154	2048 R	.06183
6	2015	LOWG X	937	937	2035 R	.05959
6	2015	LOWG X	818	818	2025 R	.05735
6	2015	LOWG X	6482	6482	2055 R	.06183
6	2015	LOWG X	29	29	2023 R	.05628
6	2017	LOWG X	22	22	2024 R	.05575
6	2018	LOWG X	7109	7109	2058 R	.06183
6	2018	LOWG X	287	287	2038 R	.05959
6	2020	LOWG X	2330	2330	2035 R	.05847
6	2023	LOWG X	19	19	2035 R	.05780
6	2023	LOWG X	29	29	2031 R	.05628
6	2023	LOWG X	287	287	2038 R	.05847
6	2024	LOWG X	22	22	2031 R	.05575
6	2025	LOWG X	191	191	2050 R	.06071
6	2025	LOWG X	1453	1453	2075 R	.06183
6	2025	LOWG X	818	818	2035 R	.05735
6	2028	LOWG X	107	107	2053 R	.06071
6	2028	LOWG X	1517	1517	2078 R	.06183
6	2031	LOWG X	29	29	2039 R	.05628
6	2031	LOWG X	22	22	2038 R	.05575
6	2035	LOWG X	19	19	2047 R	.05780
6	2035	LOWG X	614	614	2065 R	.06183
6	2035	LOWG X	2330	2330	2050 R	.05847
6	2035	LOWG X	937	937	2055 R	.05959
6	2035	LOWG X	818	818	2045 R	.05735
6	2038	LOWG X	287	287	2058 R	.05959
6	2038	LOWG X	287	287	2053 R	.05847
6	2038	LOWG X	22	22	2045 R	.05575
6	2039	LOWG X	29	29	2047 R	.05628
6	2045	LOWG X	22	22	2052 R	.05575
6	2045	LOWG X	818	818	2055 R	.05735
6	2045	LOWG X	7772	7772	2080 R	.06183
6	2047	LOWG X	19	19	2059 R	.05780
6	2047	LOWG X	29	29	2055 R	.05628

						Prtg.txt
6	2048	LOWG	X	9154	9154	2083 R .06183
6	1999	LOWM	X	284	284	2019 R .05959
6	1999	LOWM	X	226	226	2029 R .06183
6	1999	LOWM	X	1855	1855	2014 R .05847
6	1999	LOWM	X	11	11	2009 R .05735
6	2001	LOWM	X	41	41	2009 R .05628
6	2004	LOWM	X	9456	9456	2039 R .06183
6	2004	LOWM	X	37	37	2029 R .06071
6	2004	LOWM	X	21	21	2011 R .05575
6	2009	LOWM	X	41	41	2017 R .05628
6	2009	LOWM	X	11	11	2019 R .05735
6	2009	LOWM	X	9688	9688	2049 R .06183
6	2009	LOWM	X	283	283	2029 R .05959
6	2011	LOWM	X	21	21	2018 R .05575
6	2014	LOWM	X	8698	8698	2049 R .06183
6	2014	LOWM	X	1855	1855	2029 R .05847
6	2017	LOWM	X	41	41	2025 R .05628
6	2018	LOWM	X	21	21	2025 R .05575
6	2019	LOWM	X	11	11	2029 R .05735
6	2019	LOWM	X	6315	6315	2059 R .06183
6	2019	LOWM	X	3781	3781	2069 R .06183
6	2019	LOWM	X	284	284	2039 R .05959
6	2019	LOWM	X	783	783	2044 R .06071
6	2024	LOWM	X	103	103	2069 R .06183
6	2025	LOWM	X	21	21	2032 R .05575
6	2025	LOWM	X	41	41	2033 R .05628
6	2029	LOWM	X	37	37	2054 R .06071
6	2029	LOWM	X	1535	1535	2079 R .06183
6	2029	LOWM	X	283	283	2049 R .05959
6	2029	LOWM	X	226	226	2059 R .06183
6	2029	LOWM	X	1855	1855	2044 R .05847
6	2029	LOWM	X	11	11	2039 R .05735
6	2032	LOWM	X	21	21	2039 R .05575
6	2033	LOWM	X	41	41	2041 R .05628
6	2039	LOWM	X	9456	9456	2074 R .06183
6	2039	LOWM	X	284	284	2059 R .05959
6	2039	LOWM	X	21	21	2046 R .05575
6	2039	LOWM	X	11	11	2049 R .05735
6	2041	LOWM	X	41	41	2049 R .05628

						Prtg.txt
6	2044	LOWM X	1855	1855	2059 R	.05847
6	2044	LOWM X	783	783	2069 R	.06071
6	2046	LOWM X	21	21	2053 R	.05575
6	1999	LSFW X	100	100	2007 R	.05628
6	2003	LSFW X	953	953	2013 R	.05735
6	2003	LSFW X	44	44	2008 R	.05440
6	2003	LSFW X	4788	4788	2023 R	.05959
6	2004	LSFW X	523	523	2011 R	.05575
6	2007	LSFW X	100	100	2015 R	.05628
6	2007	LSFW X	478	478	2019 R	.05780
6	2008	LSFW X	926	926	2033 R	.06071
6	2008	LSFW X	44	44	2013 R	.05440
6	2011	LSFW X	523	523	2018 R	.05575
6	2013	LSFW X	953	953	2023 R	.05735
6	2013	LSFW X	2033	2033	2043 R	.06183
6	2013	LSFW X	44	44	2018 R	.05440
6	2013	LSFW X	1030	1030	2028 R	.05847
6	2015	LSFW X	100	100	2023 R	.05628
6	2018	LSFW X	44	44	2023 R	.05440
6	2018	LSFW X	1046	1046	2053 R	.06183
6	2018	LSFW X	523	523	2025 R	.05575
6	2019	LSFW X	478	478	2031 R	.05780
6	2023	LSFW X	6594	6594	2063 R	.06183
6	2023	LSFW X	44	44	2028 R	.05440
6	2023	LSFW X	4788	4788	2043 R	.05959
6	2023	LSFW X	953	953	2033 R	.05735
6	2023	LSFW X	100	100	2031 R	.05628
6	2025	LSFW X	523	523	2032 R	.05575
6	2028	LSFW X	985	985	2073 R	.06183
6	2028	LSFW X	44	44	2033 R	.05440
6	2028	LSFW X	1030	1030	2043 R	.05847
6	2031	LSFW X	478	478	2043 R	.05780
6	2031	LSFW X	100	100	2039 R	.05628
6	2032	LSFW X	523	523	2039 R	.05575
6	2033	LSFW X	926	926	2058 R	.06071
6	2033	LSFW X	953	953	2043 R	.05735
6	2033	LSFW X	15384	15384	2083 R	.06183
6	2033	LSFW X	44	44	2038 R	.05440
6	2038	LSFW X	44	44	2043 R	.05440

					Prtg.txt	
6	2039	LSFW X	523	523	2046 R	.05575
6	2039	LSFW X	100	100	2047 R	.05628
6	2043	LSFW X	2033	2033	2073 R	.06183
6	2043	LSFW X	4788	4788	2063 R	.05959
6	2043	LSFW X	478	478	2055 R	.05780
6	2043	LSFW X	44	44	2048 R	.05440
6	2043	LSFW X	953	953	2053 R	.05735
6	2043	LSFW X	1030	1030	2058 R	.05847
6	2046	LSFW X	523	523	2053 R	.05575
6	2047	LSFW X	100	100	2055 R	.05628
6	2048	LSFW X	44	44	2053 R	.05440
6	2000	MCNA X	420	420	2015 R	.05847
6	2003	MCNA X	93	93	2015 R	.05780
6	2003	MCNA X	55	55	2011 R	.05628
6	2004	MCNA X	26	26	2011 R	.05575
6	2005	MCNA X	150	150	2015 R	.05735
6	2005	MCNA X	18483	18483	2055 R	.06183
6	2005	MCNA X	839	839	2030 R	.06071
6	2011	MCNA X	26	26	2018 R	.05575
6	2011	MCNA X	55	55	2019 R	.05628
6	2015	MCNA X	420	420	2030 R	.05847
6	2015	MCNA X	93	93	2027 R	.05780
6	2015	MCNA X	1135	1135	2035 R	.05959
6	2015	MCNA X	150	150	2025 R	.05735
6	2018	MCNA X	26	26	2025 R	.05575
6	2019	MCNA X	55	55	2027 R	.05628
6	2025	MCNA X	58031	58031	2060 R	.06183
6	2025	MCNA X	150	150	2035 R	.05735
6	2025	MCNA X	26	26	2032 R	.05575
6	2027	MCNA X	93	93	2039 R	.05780
6	2027	MCNA X	55	55	2035 R	.05628
6	2030	MCNA X	839	839	2055 R	.06071
6	2030	MCNA X	420	420	2045 R	.05847
6	2032	MCNA X	26	26	2039 R	.05575
6	2035	MCNA X	55	55	2043 R	.05628
6	2035	MCNA X	1135	1135	2055 R	.05959
6	2035	MCNA X	150	150	2045 R	.05735
6	2035	MCNA X	29776	29776	2075 R	.06183
6	2039	MCNA X	93	93	2051 R	.05780

						Prtg.txt	
6	2039	MCNA X	26	26	2046 R	.05575	
6	2043	MCNA X	55	55	2051 R	.05628	
6	2045	MCNA X	150	150	2055 R	.05735	
6	2045	MCNA X	420	420	2060 R	.05847	
6	2046	MCNA X	26	26	2053 R	.05575	
6	2002	MINI X	112	112	2017 R	.05847	
6	2002	MINI X	3517	3517	2047 R	.06183	
6	2007	MINI X	6240	6240	2057 R	.06183	
6	2007	MINI X	75	75	2022 R	.05847	
6	2007	MINI X	62	62	2037 R	.06183	
6	2007	MINI X	2057	2057	2032 R	.06071	
6	2007	MINI X	5369	5369	2052 R	.06183	
6	2007	MINI X	15	15	2017 R	.05735	
6	2017	MINI X	243	243	2037 R	.05959	
6	2017	MINI X	1722	1722	2042 R	.06071	
6	2017	MINI X	15	15	2027 R	.05735	
6	2017	MINI X	112	112	2032 R	.05847	
6	2017	MINI X	82	82	2037 R	.05959	
6	2017	MINI X	77	77	2047 R	.06183	
6	2017	MINI X	4159	4159	2067 R	.06183	
6	2022	MINI X	2728	2728	2057 R	.06183	
6	2022	MINI X	75	75	2037 R	.05847	
6	2027	MINI X	15	15	2037 R	.05735	
6	2027	MINI X	649	649	2062 R	.06183	
6	2032	MINI X	112	112	2047 R	.05847	
6	2032	MINI X	2057	2057	2057 R	.06071	
6	2037	MINI X	243	243	2057 R	.05959	
6	2037	MINI X	5540	5540	2077 R	.06183	
6	2037	MINI X	82	82	2057 R	.05959	
6	2037	MINI X	1436	1436	2077 R	.06183	
6	2037	MINI X	75	75	2052 R	.05847	
6	2037	MINI X	62	62	2067 R	.06183	
6	2037	MINI X	15	15	2047 R	.05735	
6	2042	MINI X	1722	1722	2067 R	.06071	
6	2047	MINI X	15	15	2057 R	.05735	
6	2047	MINI X	77	77	2077 R	.06183	
6	2047	MINI X	3517	3517	2092 R	.06183	
6	2047	MINI X	112	112	2062 R	.05847	
6	1999	THED X	1	1	2009 R	.05735	

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6	1999	THED X	39948	39948	2039 R	.06183
6	1999	THED X	39	39	2004 R	.05440
6	1999	THED X	1126	1126	2019 R	.05959
6	1999	THED X	64	64	2007 R	.05628
6	2001	THED X	43	43	2008 R	.05575
6	2003	THED X	1664	1664	2018 R	.05847
6	2004	THED X	1145	1145	2019 R	.05847
6	2004	THED X	39	39	2009 R	.05440
6	2007	THED X	8	8	2019 R	.05780
6	2007	THED X	64	64	2015 R	.05628
6	2008	THED X	17420	17420	2043 R	.06183
6	2008	THED X	43	43	2015 R	.05575
6	2009	THED X	2310	2310	2034 R	.06071
6	2009	THED X	1	1	2019 R	.05735
6	2009	THED X	39	39	2014 R	.05440
6	2009	THED X	17596	17596	2059 R	.06183
6	2013	THED X	14104	14104	2053 R	.06183
6	2013	THED X	1765	1765	2033 R	.05959
6	2014	THED X	39	39	2019 R	.05440
6	2015	THED X	43	43	2022 R	.05575
6	2015	THED X	64	64	2023 R	.05628
6	2018	THED X	1664	1664	2033 R	.05847
6	2019	THED X	39	39	2024 R	.05440
6	2019	THED X	1	1	2029 R	.05735
6	2019	THED X	8	8	2031 R	.05780
6	2019	THED X	1145	1145	2034 R	.05847
6	2019	THED X	1126	1126	2039 R	.05959
6	2022	THED X	43	43	2029 R	.05575
6	2023	THED X	64	64	2031 R	.05628
6	2023	THED X	5240	5240	2073 R	.06183
6	2023	THED X	204	204	2048 R	.06071
6	2024	THED X	39	39	2029 R	.05440
6	2029	THED X	39	39	2034 R	.05440
6	2029	THED X	43	43	2036 R	.05575
6	2029	THED X	1	1	2039 R	.05735
6	2029	THED X	63270	63270	2064 R	.06183
6	2031	THED X	64	64	2039 R	.05628
6	2031	THED X	8	8	2043 R	.05780
6	2033	THED X	1664	1664	2048 R	.05847

				Prtg.txt		
6	2033	THED X	1765	1765	2053 R	.05959
6	2034	THED X	2310	2310	2059 R	.06071
6	2034	THED X	39	39	2039 R	.05440
6	2034	THED X	1145	1145	2049 R	.05847
6	2036	THED X	43	43	2043 R	.05575
6	2039	THED X	39948	39948	2079 R	.06183
6	2039	THED X	39	39	2044 R	.05440
6	2039	THED X	1	1	2049 R	.05735
6	2039	THED X	64	64	2047 R	.05628
6	2039	THED X	1126	1126	2059 R	.05959
6	2043	THED X	43	43	2050 R	.05575
6	2043	THED X	8	8	2055 R	.05780
6	2043	THED X	17420	17420	2078 R	.06183
6	2044	THED X	39	39	2049 R	.05440
6	2047	THED X	64	64	2055 R	.05628
6	2048	THED X	1664	1664	2063 R	.05847
6	2048	THED X	204	204	2073 R	.06071
6	2001	YAKC X	22	22	2016 R	.05847
6	2001	YAKC X	677	677	2046 R	.06183
6	2006	YAKC X	53	53	2016 R	.05735
6	2006	YAKC X	826	826	2031 R	.06071
6	2006	YAKC X	2893	2893	2056 R	.06183
6	2016	YAKC X	53	53	2026 R	.05735
6	2016	YAKC X	22	22	2031 R	.05847
6	2016	YAKC X	79	79	2036 R	.05959
6	2016	YAKC X	53	53	2046 R	.06183
6	2026	YAKC X	53	53	2036 R	.05735
6	2026	YAKC X	419	419	2061 R	.06183
6	2031	YAKC X	826	826	2056 R	.06071
6	2031	YAKC X	22	22	2046 R	.05847
6	2036	YAKC X	53	53	2046 R	.05735
6	2036	YAKC X	79	79	2056 R	.05959
6	2036	YAKC X	437	437	2076 R	.06183
6	2046	YAKC X	53	53	2076 R	.06183
6	2046	YAKC X	22	22	2061 R	.05847
6	2046	YAKC X	677	677	2091 R	.06183
6	2046	YAKC X	53	53	2056 R	.05735
6	2003	YAKR X	2	2	2018 R	.05847
6	2003	YAKR X	184	184	2048 R	.06183

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6	2008	YAKR X	323	323	2058 R	.06183
6	2008	YAKR X	93	93	2033 R	.06071
6	2018	YAKR X	2	2	2033 R	.05847
6	2018	YAKR X	7	7	2038 R	.05959
6	2018	YAKR X	4	4	2048 R	.06183
6	2028	YAKR X	57	57	2063 R	.06183
6	2033	YAKR X	2	2	2048 R	.05847
6	2033	YAKR X	93	93	2058 R	.06071
6	2038	YAKR X	7	7	2058 R	.05959
6	2038	YAKR X	111	111	2078 R	.06183
6	2048	YAKR X	2	2	2063 R	.05847
6	2048	YAKR X	184	184	2093 R	.06183
6	2048	YAKR X	4	4	2078 R	.06183

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BPA REPLACEMENTS

INSERVICE DATE	PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	DATE DUE	INTEREST RATE
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NUMBER OF INVESTMENTS FOR THIS STUDY IS 2168

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REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL
 OCTOBER 1,1997 - SEPTEMBER 30,1998 COST EVALUATION PERIOD
 REPAY 98 GS6 - GENERATION, FINAL, 1996 RATE CASE DEBT BUYOUT
 GENERATION

SUMMARY OF SOLUTION STEPS

PRIMARY ITERATION NUMBER	TRIAL REVENUE FACTOR	SECONDARY ITERATIONS REQUIRED	RESULTS
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1	1.000000	2	ACCUMULATED REVENUES INSUFFICIENT IN YEAR 1998	
2	1.500000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE	
3	1.250000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE	
4	1.120000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE	
5	1.060000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 1999	
6	1.090000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE	
7	1.075000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003	
8	1.082000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003	
9	1.086000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE	
10	1.084000	7	FAILED LST. SQR. TEST, TOT. NEG. BAL. =	2576.0
11	1.085000	7	FAILED LST. SQR. TEST, TOT. NEG. BAL. =	1151.0
12	1.085500	7	FAILED LST. SQR. TEST, TOT. NEG. BAL. =	455.0
13	1.085750	7	FAILED LST. SQR. TEST, TOT. NEG. BAL. =	105.0
14	1.085870	4	CONVERGED TO A VALID REPAYMENT SCHEDULE	
15	1.085810	8	FAILED LST. SQR. TEST, TOT. NEG. BAL. =	22.0
16	1.085840	4	CONVERGED TO MINIMUM REPAYMENT SCHEDULE	

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F E D E R A L C O L U M B I A R I V E R P O W E R S Y S

REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL

OCTOBER 1,1997 - SEPTEMBER 30,1998 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)

TABLE A FISCAL

0	1	2	3	4	5	6	7
FISCAL YEAR	REVENUE	REVENUE REQUIREMENT	ANNUAL OBLIGATIONS	PURCHASE AND EXCHANGE POWER	GROSS INTEREST	AMORTIZATION	IRRIGATION AMORTIZATION
ENDING SEPT 30 CUMULATIVE	SURPLUS OR DEFICIT						
1996			1,925,217		3,301,041	1,461,448	
1997		1,101,765	144,603	564,891	272,285	94,843	25,143
1998		1,122,081	150,060	586,918	287,472	97,528	
1999	103	1,122,081	150,060	656,768	288,418	26,835	
2000		1,122,081	150,060	661,105	288,339	22,577	
2001		1,122,081	150,060	656,467	286,235	19,216	10,103
2002		1,122,081	150,060	609,090	284,307	78,624	
2003		1,122,081	150,060	683,103	284,645	4,273	
2004		1,122,081	150,060	614,274	285,861	71,132	754
2005		1,122,081	150,060	578,291	282,766	110,964	
2006		1,122,081	150,060	595,609	279,773	96,639	

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2007	1,122,081	150,060	612,092	275,619	84,310	
2008	1,122,081	150,060	612,232	272,875	83,964	2,950
2009	1,122,081	150,060	594,520	269,289	100,614	7,598
2010	1,122,081	150,060	594,870	264,967	112,184	
2011	1,122,081	150,060	593,973	261,115	116,933	
2012	1,122,081	150,060	587,868	255,332	128,015	806
2013	1,122,081	150,060	391,658	247,585	287,705	45,073
2014	1,122,081	150,060	392,094	229,757	303,817	46,353
2015	1,122,081	150,060	389,132	208,821	321,222	52,846
2016	1,122,081	150,060	368,278	188,443	353,086	62,214
2017	1,122,081	150,060	259,963	165,684	482,561	63,813
2018	1,122,081	150,060	88,991	138,475	720,736	23,819
2019	1,122,081	150,060	262,154	105,888	537,253	66,726
2020	1,122,081	150,060	262,159	72,321	603,941	33,600
2021	1,122,081	150,060	259,220	36,576	658,533	17,692
2022	1,122,081	150,060	259,718	1,096	598,137	113,070
2023	1,122,081	150,060	259,941	-29,730	83,454	208,202
450,154 2024	1,122,081	150,060	246,476	-32,364	14,096	

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743,813					
2025	1,122,081	150,060	245,874	-30,103	88,171
668,079					
2026	1,122,081	150,060	245,028	-32,641	6,937
752,697					
2027	1,122,081	150,060	245,028	-29,554	107,117
649,430					
2028	1,122,081	150,060	245,028	-27,397	177,810
576,580					
2029	1,122,081	150,060	245,028	-30,745	68,444
689,294					
2030	1,122,081	150,060	245,028	-32,627	7,683
751,937					
2031	1,122,081	150,060	245,028	-32,642	7,121
752,514					
2032	1,122,081	150,060	245,028	-31,558	42,268
716,283					
2033	1,122,081	150,060	245,028	-31,854	32,911
725,936					
2034	1,122,081	150,060	245,028	-32,495	11,701
747,787					
2035	1,122,081	150,060	245,028	-31,302	50,576
707,719					
2036	1,122,081	150,060	245,028	-32,762	3,122
756,633					
2037	1,122,081	150,060	245,028	-30,299	82,961
674,331					
2038	1,122,081	150,060	245,028	-32,487	12,292
747,188					
2039	1,122,081	150,060	245,028	-31,247	52,135
706,105					
2040	1,122,081	150,060	245,028	-31,564	41,738
716,819					
2041	1,122,081	150,060	245,028	-31,805	33,977
724,821					

Year	Initial Investment	Replacement	Cumulative Service	Amortization	Unamortized Investment	Cumulative Amortization
2042	1,122,081	150,060	245,028	-32,312	17,733	
741,572						
2043	1,122,081	150,060	245,028	-31,444	46,050	
712,387						
2044	1,122,081	150,060	245,028	-32,718	4,555	
755,156						
2045	1,122,081	150,060	245,028	-32,371	16,080	
743,284						
2046	1,122,081	150,060	245,028	-30,173	86,942	
670,224						
2047	1,122,081	150,060	245,028	-27,131	186,146	
567,978						
2048	1,122,081	150,060	245,028	-28,549	139,637	
615,905						
0 TOTALS	58,327,896	7,797,663	19,123,373	5,024,070	7,537,299	780,762
18,064,729						

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F E D E R A L C O L U M B I A R I V E R P O W E R S Y S

REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL

OCTOBER 1, 1997 - SEPTEMBER 30, 1998 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)

TABLE B FISCAL

0	1	2	3	4	5	6	7
8		9					
10	INVESTMENT PLACED IN SERVICE						
0	IRRIGATION ASSISTANCE						
FISCAL -----							
YEAR	INITIAL	REPLACE-	CUMULATIVE	AMORTI-	TERM	CUM	
ULATIVE							
ENDING	PROJECT +	MENTS =	AMOUNT IN	- ZATION =	UNAMORTIZED	INVESTMENT	AM
OUNT IN	- AMORTI- =						
UNAMORTIZED							
SEPT 30	THRU 9-30	THRU 9-30	SERVICE	9-30	INVESTMENT	SCHEDULE	S

SERVICE AMOUNT CUMULATIVE	PERCENTAGE					
1996 780,762 780,762	5,557,759	187,364	5,745,123	1,461,448	4,283,675	5,286,079
1997 780,762 755,619	261,262 25,143	1,809	6,008,194	94,843	4,451,903	5,468,950
1998 780,762 755,619	260,818	1,351	6,270,363	97,528	4,616,544	5,652,416
1999 780,762 755,619		46,359	6,316,722	26,835	4,636,068	5,627,674
2000 780,762 755,619		3,639	6,320,361	22,577	4,617,130	5,614,645
2001 780,762 745,516	10,103	7,908	6,328,269	19,216	4,605,822	5,554,213
2002 780,762 745,516		24,361	6,352,630	78,624	4,551,559	5,512,568
2003 780,762 745,516		111,070	6,463,700	4,273	4,658,356	5,393,797
2004 780,762 744,762	754	16,616	6,480,316	71,132	4,603,840	5,275,273
2005 780,762 744,762		74,898	6,555,214	110,964	4,567,774	5,195,691
2006 780,762 744,762		17,222	6,572,436	96,639	4,488,357	5,156,787

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2007		42,847	6,615,283	84,310	4,446,894	4,992,827
780,762						
744,762						
2008		36,320	6,651,603	83,964	4,399,250	4,820,471
780,762	2,950					
741,812						
2009		30,076	6,681,679	100,614	4,328,712	4,761,617
780,762	7,598					
734,214						
2010		34,716	6,716,395	112,184	4,251,244	4,730,035
787,704						
741,156						
2011		91,763	6,808,158	116,933	4,226,074	4,771,332
794,270						
747,722						
2012		9,066	6,817,224	128,015	4,107,125	4,669,469
797,746	806					
750,392						
2013		158,156	6,975,380	287,705	3,977,576	4,651,173
817,539	45,073					
725,112						
2014		11,781	6,987,161	303,817	3,685,540	4,592,482
855,069	46,353					
716,289						
2015		15,303	7,002,464	321,222	3,379,621	4,477,589
860,176	52,846					
668,550						
2016		24,459	7,026,923	353,086	3,050,994	4,397,982
865,570	62,214					
611,730						
2017		111,593	7,138,516	482,561	2,680,026	4,433,066
900,823	63,813					
583,170						
2018		234,425	7,372,941	720,736	2,193,715	4,568,085
952,010	23,819					
610,538						
2019		14,075	7,387,016	537,253	1,670,537	4,437,421

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962,912	66,726						
554,714							
2020		20,480	7,407,496	603,941	1,087,076	4,334,051	
984,170	33,600						
542,372							
2021		64,704	7,472,200	658,533	493,247	4,302,045	1
,023,377	17,692						
563,887							
2022		104,890	7,577,090	598,137		4,333,358	1
,062,426	113,070						
489,866							
2023		83,454	7,660,544	83,454		4,218,312	1
,091,506	208,202						
310,744							
2024		14,096	7,674,640	14,096		4,224,172	1
,133,312							
352,550							
2025		88,171	7,762,811	88,171		4,047,794	1
,153,349							
372,587							
2026		6,937	7,769,748	6,937		3,802,256	1
,186,577							
405,815							
2027		107,117	7,876,865	107,117		3,786,862	1
,218,805							
438,043							
2028		177,810	8,054,675	177,810		3,675,122	1
,252,191							
471,429							
2029		68,444	8,123,119	68,444		3,474,213	1
,296,988							
516,226							
2030		7,683	8,130,802	7,683		3,460,356	1
,326,951							
546,189							
2031		7,121	8,137,923	7,121		3,415,411	1

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,356,914					
576,152					
2032	42,268	8,180,191	42,268	3,215,942	1
,401,711					
620,949					
2033	32,911	8,213,102	32,911	2,894,712	1
,442,135					
661,373					
2034	11,701	8,224,803	11,701	2,886,172	1
,482,559					
701,797					
2035	50,576	8,275,379	50,576	2,875,241	1
,511,766					
731,004					
2036	3,122	8,278,501	3,122	2,875,133	1
,540,315					
759,553					
2037	82,961	8,361,462	82,961	2,867,312	1
,569,023					
788,261					
2038	12,292	8,373,754	12,292	2,846,701	1
,598,333					
817,571					
2039	52,135	8,425,889	52,135	2,846,701	1
,627,644					
846,882					
2040	41,738	8,467,627	41,738	2,843,862	1
,661,479					
880,717					
2041	33,977	8,501,604	33,977	2,798,875	1
,695,315					
914,553					
2042	17,733	8,519,337	17,733	2,768,031	1
,730,009					
949,247					
2043	46,050	8,565,387	46,050	2,581,564	1
,764,704					

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983,942						
2044	4,555	8,569,942	4,555		2,512,315	1
,797,645						
1,016,883						
2045	16,080	8,586,022	16,080		2,421,142	1
,830,586						
1,049,824						
2046	86,942	8,672,964	86,942		2,237,613	1
,863,685						
1,082,923						
2047	186,146	8,859,110	186,146		2,222,069	1
,903,410						
1,122,648						
2048	139,637	8,998,747	139,637		2,059,831	1
,943,293						
1,162,531						
0 TOTALS	6,079,839	2,918,908	8,998,747			
	780,762					

LINES MAY NOT ADD ACROSS BECAUSE OF ROUND OFF ERRORS

1

SUMMARY OF INTEREST EXPENSE GENERATION FY 1998 REPAYMENT STUDY FOR 199
6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2004	2005	1997	1998	1999	2000	2001	2002	20
03									
2006									

BUREAU OF RECLAMATION

BOISE	193	208	215	215	215	279	3
48 338 338							
COLUMBIA BASIN	2,003	2,216	2,254	2,254	2,254	1,253	2,7
17 4,180 4,180							
4,180							
COLUMBIA BASIN - 3RD	28,578	28,578	28,578	28,578	28,578	28,578	28,5
78 28,578 28,578							
28,578							
HUNGRY HORSE	1,781	1,811	1,825	1,825	1,673	1,557	2,3
48 3,844 3,844							
3,844							
MINIDOKA	1,724	3,264	3,276	3,276	3,276	3,387	3,4
99 3,499 3,499							
3,499							
YAKIMA-CHANDLER	83	83	83	83	105	126	1
26 126 126							
242							
YAKIMA-ROZA	62	63	65	65	65	65	
71 76 76							
76							
TOTAL BUREAU	34,424	36,223	36,296	36,296	36,166	35,245	37,6
87 40,641 40,641							
40,757							
CORPS OF ENGINEERS							
ALBENI FALLS	1,342	1,353	1,353	1,354	1,356	1,356	1,3
59 1,362 1,520							
544							
BONNEVILLE	5,192	6,332	7,017	7,017	7,111	7,203	7,2
04 7,204 7,204							
7,206							
BONNEVILLE - 2ND POW	25,688	25,688	25,688	25,688	25,688	25,688	25,6
88 25,688 25,688							
25,688							

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CHIEF JOSEPH	20,989	21,000	21,000	21,000	21,000	21,035	21,0	
80 21,089 21,089								
20,943								
COUGAR	666	666	736	806	806	806	8	
06 852 898								
898								
COLUMBIA RIVER FISH	8,925	15,556	19,792	19,792	19,792	19,792	19,7	
92 19,792 19,792								
19,792								
DETROIT-BIG CLIFF	1,504	1,504	1,514	1,525	1,525	1,526	1,5	
28 1,453 256								
256								
DWORSHAK	10,214	10,218	10,218	10,218	10,218	10,219	10,3	
03 10,386 10,387								
10,388								
GREEN PETER-FOSTER	1,784	1,787	1,787	1,788	1,788	1,895	2,0	
56 2,108 2,108								
2,108								
HILLS CREEK	671	671	671	671	671	717	7	
64 764 764								
764								
ICE HARBOR FISH BYPA								
ICE HARBOR	4,751	4,795	4,795	4,795	4,796	5,169	5,5	
39 5,539 5,540								
5,540								
JOHN DAY	15,811	15,816	15,816	15,885	15,954	15,954	15,9	
54 15,954 17,243								
18,535								
LIBBY	16,924	16,968	16,968	16,973	17,046	17,114	17,1	
14 17,116 17,117								
17,166								
LITTLE GOOSE FISH BY								
LITTLE GOOSE	8,558	8,558	8,559	8,559	8,608	8,658	8,6	
60 8,662 8,662								
9,020								
LOWER GRANITE FISH B								

LOWER MONUMENTAL FIS								
LOOKOUT POINT-DEXTER	2,193	2,193	2,193	2,206	2,220	2,220	2,2	
21 2,222 2,368								
591								
LOST CREEK	989	989	989	989	989	993	9	
98 998 998								
998								
LOWER GRANITE	12,095	12,095	12,097	12,104	12,110	12,110	12,1	
14 12,117 12,227								
12,338								
LOWER MONUMENTAL	8,792	8,798	8,867	8,938	8,939	8,940	8,9	
40 9,234 9,528								
9,528								
MCNARY	10,908	10,908	10,908	10,920	10,933	10,933	10,9	
38 10,942 9,268								
6,424								
MCNARY FISH BYPASS								
STRUBE								
THE DALLES	11,609	11,625	12,897	14,168	14,169	14,170	14,2	
19 14,301 14,334								
14,334								
TOTAL CORPS	169,605	177,520	183,865	185,396	185,719	186,498	187,2	
77 187,783 186,991								
183,061								
LOWER SNAKE F AND W	15,826	16,038	16,126	16,129	16,129	16,129	16,3	
00 16,486 16,500								
16,500								
BONNEVILLE POWER ADM								
TOTAL APPROPRIATIONS	219,855	229,781	236,287	237,821	238,014	237,872	241,2	
64 244,910 244,132								

240,318

BPA BORROWING

BPA PROGRAM	4,808	5,529	5,109	4,945	4,935	4,925	4,9
15 4,906 4,898							
4,891							
BPA CONSERVATION	52,356	50,133	45,134	45,134	43,711	43,711	38,0
02 38,002 37,206							
37,136							
FISH, WILDLIFE & ENV	7,836	9,591	10,455	8,217	8,217	8,217	8,2
17 8,217 8,217							
8,217							
BUREAU DIRECT FUND	6,098	7,142	7,585	7,585	7,585	7,585	7,5
85 7,585 7,585							
7,585							
IRRIGATION ASSISTANC							
PREMIUMS	191	4,047		671	8	7	
6 164 14							
264							
0LESS							
0 AFUDC							
0 INTEREST INCOME	18,859	18,751	16,152	16,034	16,235	18,010	15,3
44 17,923 19,286							
18,638							
0TOTAL BPA BORROWING	52,430	57,691	52,131	50,518	48,221	46,435	43,3
81 40,951 38,634							
39,455							
-----	-----	-----	-----	-----	-----	-----	-----
TOTALS	272,285	287,472	288,418	288,339	286,235	284,307	284,6
45 285,861 282,766							
279,773							
1							

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 1998

REPAYMENT STUDY FOR 199

(ALL AMOUNTS IN \$1000)

	2007	2008	2009	2010	2011	2012	20
13 2014 2015 2016							
BUREAU OF RECLAMATION							
BOISE	364	388	388	388	388	387	3
81 376 376							
COLUMBIA BASIN	4,382	4,676	4,768	4,768	4,768	4,765	6,2
51 7,736 7,736							
COLUMBIA BASIN - 3RD	28,578	28,578	28,578	28,578	28,578	28,578	28,5
78 28,578 28,578							
19,547							
HUNGRY HORSE	3,844	3,844	3,844	3,844	3,844	3,836	3,8
79 3,923 3,923							
MINIDOKA	3,924	4,351	4,315	4,315	4,310	4,310	4,3
10 4,310 4,310							
YAKIMA-CHANDLER	358	358	358	358	358	358	3
58 358 358							
365							
YAKIMA-ROZA	76	89	62	62	62	62	
62 62 62							
62							
TOTAL BUREAU	41,526	42,284	42,313	42,313	42,308	42,296	43,8

19 45,343 45,343
36,319

CORPS OF ENGINEERS

ALBENI FALLS	544	544	544	544	539	539	5
39 539 596							
586							
BONNEVILLE	7,321	7,437	7,437	7,437	9,476	11,537	11,5
73 11,569 11,569							
10,592							
BONNEVILLE - 2ND POW	25,688	25,688	25,688	25,688	25,688	25,688	25,6
88 25,688 25,688							
25,688							
CHIEF JOSEPH	20,468	18,278	15,779	15,779	15,778	15,778	17,6
11 19,444 19,444							
16,635							
COUGAR	898	898	899	900	900	900	9
00 922 277							
277							
COLUMBIA RIVER FISH	19,792	19,792	19,792	19,792	19,792	19,792	19,7
92 19,792 19,792							
19,792							
DETROIT-BIG CLIFF	256	256	256	257	256	256	2
56 270 262							
262							
DWORSHAK	10,388	10,740	11,093	11,095	11,095	11,095	11,4
13 11,719 11,719							
11,719							
GREEN PETER-FOSTER	2,168	2,277	2,326	2,326	2,326	2,352	2,3
93 2,414 2,414							
2,414							
HILLS CREEK	779	795	795	795	795	813	1
69 169 169							
169							
ICE HARBOR FISH BYPA							
ICE HARBOR	5,567	5,595	5,595	5,596	5,778	6,120	3,1
33 3,133 1,835							

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1,801									
JOHN DAY	18,539	18,539	18,539	19,361	20,180	20,180	20,180	20,180	20,1
80 20,180	20,233								
20,180									
LIBBY	17,214	17,214	17,214	17,221	17,506	17,779	17,779	17,779	17,7
79 17,779	6,053								
6,479									
LITTLE GOOSE FISH BY									
LITTLE GOOSE	9,375	9,402	9,430	9,430	9,742	10,053	10,053	10,053	10,3
32 10,610	10,610								
7,141									
LOWER GRANITE FISH B									
LOWER MONUMENTAL FIS									
LOOKOUT POINT-DEXTER	591	591	591	591	591	591	591	591	5
91 591	621								
617									
LOST CREEK	999	1,001	1,001	1,001	1,001	1,044	1,044	1,044	1,0
87 1,087	1,087								
104									
LOWER GRANITE	12,339	12,346	12,355	12,596	12,837	12,836	12,836	12,836	13,1
19 13,402	13,654								
10,985									
LOWER MONUMENTAL	9,528	9,528	9,837	10,144	10,145	10,144	10,144	10,144	10,1
44 10,467	10,682								
10,682									
MCNARY	3,892	1,369	1,369	1,369	1,372	1,369	1,369	1,369	1,3
69 1,369	1,422								
1,437									
MCNARY FISH BYPASS									
STRUBE									
THE DALLES	14,336	14,874	13,761	11,855	9,194	8,344	8,344	8,344	8,8
33 9,322	9,324								
9,321									

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TOTAL CORPS			180,682	177,164	174,301	173,777	174,991	177,210	176,9
01	180,466	167,451							
	156,881								
LOWER SNAKE F AND W			16,517	16,557	16,584	16,584	16,599	16,584	16,7
05	16,770	16,773							
	16,770								
BONNEVILLE POWER ADM									
TOTAL APPROPRIATIONS			238,725	236,005	233,198	232,674	233,898	236,090	237,4
25	242,579	229,567							
	209,970								
BPA BORROWING									
BPA PROGRAM			4,883	4,875	4,857	4,655	4,000	4,000	2,8
56	1,813								
BPA CONSERVATION			35,303	35,303	35,303	31,118	29,766	24,988	23,3
91	9,962	6,587							
	6,587								
FISH, WILDLIFE & ENV			7,191	7,167	6,827	6,827	5,178	3,510	1,7
28									
BUREAU DIRECT FUND			7,585	7,585	7,585	7,585	6,041	4,960	4,7
78	887								
IRRIGATION ASSISTANC									
PREMIUMS			7	10	259	917	1,172	1,094	4,1
55	1,624								
OLESS									
0 AFUDC									
0 INTEREST INCOME			18,075	18,070	18,740	18,809	18,940	19,310	26,7
48	27,108	27,333							
	28,114								
0TOTAL BPA BORROWING			36,894	36,870	36,091	32,293	27,217	19,242	10,1

60	-12,822	-20,746							
	-21,527								

TOTALS			275,619	272,875	269,289	264,967	261,115	255,332	247,5
85	229,757	208,821							
	188,443								
1									

SUMMARY OF INTEREST EXPENSE GENERATION FY 1998 REPAYMENT STUDY FOR 199
 6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2024	2025	2017	2018	2019	2020	2021	2022	20
BUREAU OF RECLAMATION									
BOISE			384	406	247	239	233	186	
COLUMBIA BASIN			8,785	15,100	19,705	19,386	19,132	5,440	1,6
COLUMBIA BASIN - 3RD			13,534	6,310	2,802				
HUNGRY HORSE			3,771	3,771	3,239	3,209	3,163	661	
MINIDOKA			4,505	4,684	4,538	1,496	1,483	629	
YAKIMA-CHANDLER			366	366	366	366	283	59	

			Prtg.txt					
YAKIMA-ROZA		62	62	62	62	40	29	
TOTAL BUREAU		31,407	30,699	30,959	24,758	24,334	7,004	1,7
38								
15								
CORPS OF ENGINEERS								
ALBENI FALLS		586	586	394	372	372	246	
	255							
BONNEVILLE		12,553	14,517	10,906	9,995	10,699	7,328	
	4							
2								
BONNEVILLE - 2ND POW		24,045	4,870					
CHIEF JOSEPH		5,221	6,407	7,086	7,086	7,086	2,806	
5								
COUGAR		277	277	277	277	49	49	
	3							
COLUMBIA RIVER FISH		19,792	19,792	13,260	8,473	8,473	8,473	
DETROIT-BIG CLIFF		262	263	262	262	262	76	
	428							
1								
DWORSHAK		11,704	11,775	11,514	11,514	799	360	2
61								
GREEN PETER-FOSTER		2,471	1,682	772	772	450	244	
HILLS CREEK		169	160	160	160	70	79	
ICE HARBOR FISH BYPA								
ICE HARBOR		1,930	1,931	1,895	1,735	1,078	537	
37								
JOHN DAY		20,180	20,184	17,845	10,546	2,471	865	
	1							
LIBBY		6,646	6,648	5,225	1,868	2,114	294	

	209							
158								
		LITTLE GOOSE FISH BY						
		LITTLE GOOSE	7,099	7,381	7,497	7,246	1,963	935
4		LOWER GRANITE FISH B						
		LOWER MONUMENTAL FIS						
		LOOKOUT POINT-DEXTER	617	617	346	346	346	91
	361	LOST CREEK	140	175	169	169	168	31
		LOWER GRANITE	10,856	11,023	10,994	2,289	1,702	735
10	1	74						
		LOWER MONUMENTAL	7,786	7,774	7,933	6,453	1,957	820
	3	2						
		MCNARY	1,437	1,438	1,307	1,305	1,305	162
	1,799	MCNARY FISH BYPASS						
		STRUBE						
		THE DALLES	9,321	9,337	8,150	8,025	2,444	1,573
70	1							1
		TOTAL CORPS	143,092	126,837	105,992	78,893	43,808	25,704
50	436	2,705						4
198								
		LOWER SNAKE F AND W	16,770	16,818	1,150	883	757	692
78	15							3
		BONNEVILLE POWER ADM						
		TOTAL APPROPRIATIONS	191,269	174,354	138,101	104,534	68,899	33,400
								2,5

66 436 2,720
213

BPA BORROWING

BPA PROGRAM

BPA CONSERVATION 6,587 2,769

FISH, WILDLIFE & ENV

BUREAU DIRECT FUND

IRRIGATION ASSISTANC

PREMIUMS

0LESS
0 AFUDC

0 INTEREST INCOME	32,172	38,648	32,213	32,213	32,323	32,304	32,2
96 32,800 32,823							
32,854							
0TOTAL BPA BORROWING	-25,585	-35,879	-32,213	-32,213	-32,323	-32,304	-32,2
96 -32,800 -32,823							
-32,854							
	-----	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----	-----
TOTALS	165,684	138,475	105,888	72,321	36,576	1,096	-29,7
30 -32,364 -30,103							
-32,641							
1							

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 1998

REPAYMENT STUDY FOR 199

(ALL AMOUNTS IN \$1000)									
			2027	2028	2029	2030	2031	2032	20
33	2034	2035							
2036									
BUREAU OF RECLAMATION									
	BOISE		307					26	
	COLUMBIA BASIN		1,331	4,615					
	COLUMBIA BASIN - 3RD								
	HUNGRY HORSE			297					1
84	MINIDOKA		20					65	
	YAKIMA-CHANDLER								
18	YAKIMA-ROZA			2					
3									
	TOTAL BUREAU		1,658	4,914			26	91	1
87									
18									
CORPS OF ENGINEERS									
	ALBENI FALLS		3			67			
		70							
	BONNEVILLE		67				104	496	

BONNEVILLE - 2ND POW				
CHIEF JOSEPH	1,513	333		143
COUGAR				
70				
COLUMBIA RIVER FISH				
DETROIT-BIG CLIFF			33	
183				
DWORSHAK			1	1
78				
GREEN PETER-FOSTER	31	23		
HILLS CREEK				67
ICE HARBOR FISH BYPA				
ICE HARBOR				480
1				
5				
JOHN DAY			90	
1				
LIBBY			5	2
144				
66				
LITTLE GOOSE FISH BY				
LITTLE GOOSE	2	76		61
1				
1				
LOWER GRANITE FISH B				
LOWER MONUMENTAL FIS				
LOOKOUT POINT-DEXTER	1		28	
236				
LOST CREEK	20			
LOWER GRANITE		50		2

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139								
LOWER MONUMENTAL				117				1
1								
MCNARY		5			37			1
961								
MCNARY FISH BYPASS								
STRUBE								
THE DALLES				1,958		2		1
02	104							
1								
TOTAL CORPS		1,642	482	2,109	227	169	1,190	2
81	359	1,552						
74								
LOWER SNAKE F AND W			61			17	15	5
32								
BONNEVILLE POWER ADM								
TOTAL APPROPRIATIONS		3,300	5,457	2,109	227	212	1,296	1,0
00	359	1,552						
92								
BPA BORROWING								
BPA PROGRAM								
BPA CONSERVATION								
FISH, WILDLIFE & ENV								
BUREAU DIRECT FUND								

IRRIGATION ASSISTANC

PREMIUMS

0LESS
0 AFUDC

0 INTEREST INCOME	32,854	32,854	32,854	32,854	32,854	32,854	32,854	32,854	32,854
54 32,854	32,854	32,854							
32,854									
0TOTAL BPA BORROWING	-32,854	-32,854	-32,854	-32,854	-32,854	-32,854	-32,854	-32,854	-32,854
54 -32,854	-32,854	-32,854							
-32,854									
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTALS	-29,554	-27,397	-30,745	-32,627	-32,642	-31,558	-31,558	-31,558	-31,558
54 -32,495									
-32,762									
1									

SUMMARY OF INTEREST EXPENSE GENERATION FY 1998 REPAYMENT STUDY FOR 199
6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
43										
2046										

BUREAU OF RECLAMATION

BOISE

COLUMBIA BASIN	1,345	237		
COLUMBIA BASIN - 3RD				
HUNGRY HORSE				2
07 MINIDOKA	228		52	
YAKIMA-CHANDLER				
26 YAKIMA-ROZA		3		
TOTAL BUREAU	1,573	240	52	2
07				
26				
CORPS OF ENGINEERS				
ALBENI FALLS			3	
30 BONNEVILLE	4		690	29
2,106 BONNEVILLE - 2ND POW				
CHIEF JOSEPH	783	23		
COUGAR			5	
46 COLUMBIA RIVER FISH				
DETROIT-BIG CLIFF				1
11 DWORSHAK	1			3
57 GREEN PETER-FOSTER	108	53	38	
25				

			Prtg.txt		
	HILLS CREEK	17			46
	ICE HARBOR FISH BYPA				
	ICE HARBOR	66			372
183					
	JOHN DAY			1,290	4
	LIBBY	150		2	
		5			
280					
	LITTLE GOOSE FISH BY				
	LITTLE GOOSE		32		358
1					
69					
	LOWER GRANITE FISH B				
	LOWER MONUMENTAL FIS				
	LOOKOUT POINT-DEXTER			1	
		16			
	LOST CREEK		3		
	LOWER GRANITE		18	1	
		264			
	LOWER MONUMENTAL			301	1
	78				
1					
	MCNARY			4	
2		16			
1					
	MCNARY FISH BYPASS				
	STRUBE				
	THE DALLES			1,272	5
40		1			

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TOTAL CORPS	982	126	1,589	1,290	1,049	490	9
25 136 483							
2,640							

LOWER SNAKE F AND W		1	18				2
78							
15							

BONNEVILLE POWER ADM

TOTAL APPROPRIATIONS	2,555	367	1,607	1,290	1,049	542	1,4
10 136 483							
2,681							

BPA BORROWING

BPA PROGRAM

BPA CONSERVATION

FISH, WILDLIFE & ENV

BUREAU DIRECT FUND

IRRIGATION ASSISTANC

PREMIUMS

0LESS

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0 INTEREST INCOME	32,854	32,854	32,854	32,854	32,854	32,854	32,8
54 32,854 32,854							
32,854							
0TOTAL BPA BORROWING	-32,854	-32,854	-32,854	-32,854	-32,854	-32,854	-32,8

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54	-32,854	-32,854							
-32,854									
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TOTALS			-30,299	-32,487	-31,247	-31,564	-31,805	-32,312	-31,4
44	-32,718	-32,371							
-30,173									
1									

SUMMARY OF INTEREST EXPENSE GENERATION FY 1998 REPAYMENT STUDY FOR 199
6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2047	2048
BUREAU OF RECLAMATION		
BOISE	28	
COLUMBIA BASIN	5,434	1,486
COLUMBIA BASIN - 3RD		
HUNGRY HORSE		
MINIDOKA	114	
YAKIMA-CHANDLER		
YAKIMA-ROZA		6
TOTAL BUREAU	5,576	1,492
CORPS OF ENGINEERS		
ALBENI FALLS		
BONNEVILLE	1	
BONNEVILLE - 2ND POW		

CHIEF JOSEPH	36	1,833
COUGAR		
COLUMBIA RIVER FISH		
DETROIT-BIG CLIFF		
DWORSHAK		285
GREEN PETER-FOSTER	60	50
HILLS CREEK		
ICE HARBOR FISH BYPA		
ICE HARBOR		
JOHN DAY		
LIBBY		
LITTLE GOOSE FISH BY		
LITTLE GOOSE		306
LOWER GRANITE FISH B		
LOWER MONUMENTAL FIS		
LOOKOUT POINT-DEXTER		
LOST CREEK	43	
LOWER GRANITE	2	283
LOWER MONUMENTAL		
MCNARY		
MCNARY FISH BYPASS		
STRUBE		
THE DALLES	2	55
TOTAL CORPS	144	2,812
LOWER SNAKE F AND W	3	1
BONNEVILLE POWER ADM		
TOTAL APPROPRIATIONS	5,723	4,305

BPA BORROWING

BPA PROGRAM
 BPA CONSERVATION
 FISH, WILDLIFE & ENV
 BUREAU DIRECT FUND

IRRIGATION ASSISTANC		
PREMIUMS		
0 LESS		
0 AFUDC		
0 INTEREST INCOME	32,854	32,854
0 TOTAL BPA BORROWING	-32,854	-32,854
	-----	-----
TOTALS	-27,131	-28,549
1		

SUMMARY OF INTEREST EXPENSE	GENERATION	FY 1998	REPAYMENT STUDY FOR 199
6 FINAL RATE PROPOSAL			

TOTALS

BUREAU OF RECLAMATION

BOISE	8,555
COLUMBIA BASIN	188,720
COLUMBIA BASIN - 3RD	585,175
HUNGRY HORSE	81,649
MINIDOKA	92,778
YAKIMA-CHANDLER	6,661
YAKIMA-ROZA	1,676
TOTAL BUREAU	965,214

CORPS OF ENGINEERS

ALBENI FALLS	21,397
BONNEVILLE	234,141
BONNEVILLE - 2ND POW	542,675
CHIEF JOSEPH	425,580
COUGAR	17,041

COLUMBIA RIVER FISH	459,000
DETROIT-BIG CLIFF	17,222
DWORSHAK	263,596
GREEN PETER-FOSTER	49,398
HILLS CREEK	13,504
ICE HARBOR FISH BYPA	
ICE HARBOR	105,662
JOHN DAY	432,660
LIBBY	346,410
LITTLE GOOSE FISH BY	
LITTLE GOOSE	215,661
LOWER GRANITE FISH B	
LOWER MONUMENTAL FIS	
LOOKOUT POINT-DEXTER	29,599
LOST CREEK	20,260
LOWER GRANITE	286,319
LOWER MONUMENTAL	225,033
MCNARY	129,199
MCNARY FISH BYPASS	
STRUBE	
THE DALLES	288,048
TOTAL CORPS	4,122,405
LOWER SNAKE F AND W	367,010
TOTAL APPROPRIATIONS	5,454,629
BONNEVILLE POWER ADM	
BPA BORROWING	
BPA PROGRAM	81,800
BPA CONSERVATION	678,189
FISH, WILDLIFE & ENV	123,829
BUREAU DIRECT FUND	120,926
IRRIGATION ASSISTANC	
PREMIUMS	14,610
0LESS	
0 AFUDC	

0 INTEREST INCOME	1,449,913
0TOTAL BPA BORROWING	-430,559

TOTALS	5,024,070

1
1

APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

+	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	-----	-----	-----	-----	-----	-----	-----
1997	BPA CONSERVATION	80,200	1992	1997	80,200	80,200	.05800
	BPA PROGRAM	2,479	1992	2032	2,479	2,479	.08800
	BPA CONSERVATION	12,164	1994	1998	32,699	32,699	.07100
	TOTAL	94,843					
1998	BPA CONSERVATION	20,535	1994	1998	32,699	20,535	.07100
	BPA PROGRAM	11,016	1993	2033	11,016	11,016	.08350
	BPA CONSERVATION	23,703	1993	2013	50,000	50,000	.08050
	BPA CONSERVATION		1992	2007	100,000	100,000	.07140

42,274

TOTAL

97,528

1999	FISH, WILDLIFE & ENVIRONMENTAL	1989	1999	25,000	25,000	.08950
	25,000					
	BPA PROGRAM	1989	1999	1,410	1,410	.08950
R	1,410					
	BPA PROGRAM	1989	1999	424	424	.08950
	424					
	BPA CONSERVATION	1993	2013	50,000	26,297	.08050
	1					

TOTAL

26,835

2000	BPA PROGRAM	1990	2030	29	29	.09250
	29					
	BPA PROGRAM	1990	2030	96	96	.09250
R	69					
	BPA CONSERVATION	1992	2007	100,000	57,726	.07140
	19,919					
	HUNGRY HORSE	1956	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1955	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1954	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1953	2003	17,228	17,228	.05950
	2,506					

TOTAL

22,577

2001	COLUMBIA BASIN	1958	2001	269	269	.05810
------	----------------	------	------	-----	-----	--------

		Prtg.txt				
R	269					
	COLUMBIA BASIN	1959	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1960	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1961	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1962	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1963	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1964	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1965	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1966	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1967	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1968	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1969	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1970	2001	269	269	.05810
R	269					

1

APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____

	COLUMBIA BASIN	1971	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1972	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1973	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1974	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1975	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1976	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1977	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1978	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1979	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1980	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1981	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1982	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1983	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1985	2001	245	245	.05810
	245					
	BOISE	1986	2001	93	93	.05810
	93					
	COLUMBIA BASIN	1986	2001	132	132	.05810
	132					
	COLUMBIA BASIN	1987	2001	13	13	.05810
	13					
	COLUMBIA BASIN	1951	2001	8,025	8,025	.05810
	8,025					
	COLUMBIA BASIN	1952	2001	269	269	.05810

		Prtg.txt				
R	269					
	COLUMBIA BASIN	1953	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1954	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1955	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1957	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1956	2001	270	270	.05810
R	270					
	BOISE	1996	2001	1	1	.05810
	1					
	GREEN PETER-FOSTER	1996	2001	8	8	.05810
	8					
	MINIDOKA	1996	2001	10	10	.05810
	10					
	BPA PROGRAM	1990	2030	96	27	.09250
R	27					
	BPA PROGRAM	1990	2030	3,008	3,008	.09250
	93					
	HUNGRY HORSE	1953	2003	17,228	14,722	.05950
	1,955					

	TOTAL					
	19,216					

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	Prtg.txt IN-SERVICE	DUE	GROSS	NET	RATE
2002	BPA CONSERVATION	66,000	1989	2002	66,000	66,000	.08650
	HUNGRY HORSE	6	1997	2002	6	6	.05810
	BPA PROGRAM	109	1990	2030	3,008	2,915	.09250
	HUNGRY HORSE	12,509	1953	2003	17,228	12,767	.05950

	TOTAL	78,624					
2003	HUNGRY HORSE	19	1957	2003	19	19	.05950
R	HUNGRY HORSE	19	1958	2003	19	19	.05950
R	HUNGRY HORSE	19	1959	2003	19	19	.05950
R	HUNGRY HORSE	19	1960	2003	19	19	.05950
R	HUNGRY HORSE	19	1961	2003	19	19	.05950
R	HUNGRY HORSE	19	1962	2003	19	19	.05950
R	HUNGRY HORSE	19	1963	2003	19	19	.05950
R	HUNGRY HORSE	19	1964	2003	18	18	.05950
R	HUNGRY HORSE	18	1965	2003	18	18	.05950
R	HUNGRY HORSE	18	1966	2003	18	18	.05950
R	HUNGRY HORSE	18	1967	2003	19	19	.05950

		Prtg.txt					
R	HUNGRY HORSE	19	1968	2003	19	19	.05950
R	HUNGRY HORSE	19	1969	2003	19	19	.05950
R	HUNGRY HORSE	19	1970	2003	19	19	.05950
R	HUNGRY HORSE	19	1971	2003	19	19	.05950
R	HUNGRY HORSE	19	1972	2003	19	19	.05950
R	HUNGRY HORSE	19	1973	2003	19	19	.05950
R	HUNGRY HORSE	19	1974	2003	18	18	.05950
R	HUNGRY HORSE	18	1975	2003	18	18	.05950
R	HUNGRY HORSE	18	1976	2003	18	18	.05950
R	HUNGRY HORSE	18	1977	2003	19	19	.05950
R	HUNGRY HORSE	19	1978	2003	19	19	.05950
R	HUNGRY HORSE	19	1979	2003	19	19	.05950
R	HUNGRY HORSE	19	1980	2003	19	19	.05950
R	HUNGRY HORSE	19	1981	2003	19	19	.05950
R	HUNGRY HORSE	19	1983	2003	13	13	.05950
R	DETROIT-BIG CLIFF	13	1953	2003	3,244	3,244	.05950
	3,244						
	HUNGRY HORSE	258	1953	2003	17,228	258	.05950
	BOISE	258	1998	2003	193	193	.05440
R	BPA PROGRAM	193	1990	2030	3,008	2,806	.09250
	96						

 TOTAL
 4,273

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

+	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
2004	THE DALLES		1999	2004	39	39	.05440
R		39					
	DETROIT-BIG CLIFF		1957	2004	19	19	.06000
R		19					
	DETROIT-BIG CLIFF		1958	2004	20	20	.06000
R		20					
	DETROIT-BIG CLIFF		1959	2004	19	19	.06000
R		19					
	DETROIT-BIG CLIFF		1960	2004	20	20	.06000
R		20					
	DETROIT-BIG CLIFF		1961	2004	19	19	.06000
R		19					
	DETROIT-BIG CLIFF		1962	2004	20	20	.06000
R		20					
	DETROIT-BIG CLIFF		1963	2004	19	19	.06000
R		19					
	DETROIT-BIG CLIFF		1964	2004	20	20	.06000
R		20					

			Prtg.txt			
R	DETROIT-BIG	CLIFF	1965	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1966	2004	20	.06000
		20				
R	DETROIT-BIG	CLIFF	1967	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1968	2004	20	.06000
		20				
R	DETROIT-BIG	CLIFF	1969	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1970	2004	20	.06000
		20				
R	DETROIT-BIG	CLIFF	1971	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1972	2004	20	.06000
		20				
R	DETROIT-BIG	CLIFF	1973	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1974	2004	20	.06000
		20				
R	DETROIT-BIG	CLIFF	1975	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1976	2004	20	.06000
		20				
R	DETROIT-BIG	CLIFF	1977	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1978	2004	20	.06000
		20				
R	DETROIT-BIG	CLIFF	1979	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1980	2004	20	.06000
		20				
R	DETROIT-BIG	CLIFF	1981	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1982	2004	20	.06000
		20				
R	DETROIT-BIG	CLIFF	1983	2004	19	.06000
		19				
R	DETROIT-BIG	CLIFF	1985	2004	6	.06000

		Prtg.txt				
	6					
	DETROIT-BIG CLIFF	1987	2004	3	3	.06000
	3					
	DETROIT-BIG CLIFF	1954	2004	21,373	21,373	.06000
	21,373					
	MCNARY	1954	2004	37,904	37,904	.06000
	37,904					
	DETROIT-BIG CLIFF	1999	2004	2	2	.05440
R	2					
	DETROIT-BIG CLIFF	1955	2004	19	19	.06000
R	19					
	DETROIT-BIG CLIFF	1956	2004	20	20	.06000
R	20					
	BPA PROGRAM	1990	2030	3,008	2,710	.09250
	82					
	BPA CONSERVATION	1992	2007	100,000	37,807	.07140
	11,158					

	TOTAL					
	71,132					

1

APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

+	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	2005	LOOKOUT POINT-DEXTER	1957	2005	54	54	.06050

R		54					
	ALBENI FALLS		1958	2005	12	12	.06050
R		12					
	LOOKOUT POINT-DEXTER		1958	2005	54	54	.06050
R		54					
	ALBENI FALLS		1959	2005	12	12	.06050
R		12					
	LOOKOUT POINT-DEXTER		1959	2005	54	54	.06050
R		54					
	ALBENI FALLS		1960	2005	11	11	.06050
R		11					
	LOOKOUT POINT-DEXTER		1960	2005	54	54	.06050
R		54					
	ALBENI FALLS		1961	2005	12	12	.06050
R		12					
	LOOKOUT POINT-DEXTER		1961	2005	55	55	.06050
R		55					
	ALBENI FALLS		1962	2005	12	12	.06050
R		12					
	LOOKOUT POINT-DEXTER		1962	2005	54	54	.06050
R		54					
	ALBENI FALLS		1963	2005	11	11	.06050
R		11					
	LOOKOUT POINT-DEXTER		1963	2005	54	54	.06050
R		54					
	ALBENI FALLS		1964	2005	12	12	.06050
R		12					
	LOOKOUT POINT-DEXTER		1964	2005	54	54	.06050
R		54					
	ALBENI FALLS		1965	2005	12	12	.06050
R		12					
	LOOKOUT POINT-DEXTER		1965	2005	54	54	.06050
R		54					
	ALBENI FALLS		1966	2005	11	11	.06050
R		11					
	LOOKOUT POINT-DEXTER		1966	2005	54	54	.06050
R		54					
	ALBENI FALLS		1967	2005	12	12	.06050
R		12					

		Prtg.txt				
R	LOOKOUT POINT-DEXTER 55	1967	2005	55	55	.06050
R	ALBENI FALLS 12	1968	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1968	2005	54	54	.06050
R	ALBENI FALLS 11	1969	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54	1969	2005	54	54	.06050
R	ALBENI FALLS 12	1970	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1970	2005	54	54	.06050
R	ALBENI FALLS 12	1971	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1971	2005	54	54	.06050
R	ALBENI FALLS 11	1972	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54	1972	2005	54	54	.06050
R	ALBENI FALLS 12	1973	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 55	1973	2005	55	55	.06050
R	ALBENI FALLS 12	1974	2005	12	12	.06050
R	JOHN DAY 25	2000	2005	25	25	.05440
R	LOOKOUT POINT-DEXTER 54	1974	2005	54	54	.06050
R	ALBENI FALLS 11	1975	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54	1975	2005	54	54	.06050
R	ALBENI FALLS 12	1976	2005	12	12	.06050

APPLICATION OF AMORTIZATION
96 FINAL RATE PROPOSAL

GENERATION FY 1998

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
R	LOOKOUT POINT-DEXTER	54	1976	2005	54	54	.06050
R	ALBENI FALLS	12	1977	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER	54	1977	2005	54	54	.06050
R	ALBENI FALLS	11	1978	2005	11	11	.06050
R	ALBENI FALLS	11	1957	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER	54	1978	2005	54	54	.06050
R	ALBENI FALLS	12	1979	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER	55	1979	2005	55	55	.06050
R	ALBENI FALLS	12	1980	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER	54	1980	2005	54	54	.06050
R	ALBENI FALLS	11	1981	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER	54	1981	2005	54	54	.06050

		Prtg.txt				
	ALBENI FALLS	1982	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1982	2005	54	54	.06050
R	54					
	ALBENI FALLS	1983	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1983	2005	54	54	.06050
R	54					
	ALBENI FALLS	1985	2005	7	7	.06050
	7					
	LOOKOUT POINT-DEXTER	1985	2005	56	56	.06050
	56					
	ALBENI FALLS	1986	2005	312	312	.06050
	312					
	LOOKOUT POINT-DEXTER	1986	2005	45	45	.06050
	45					
	ALBENI FALLS	1987	2005	12	12	.06050
	12					
	LOOKOUT POINT-DEXTER	1987	2005	9	9	.06050
	9					
	ALBENI FALLS	1955	2005	17,950	17,950	.06050
	17,950					
	CHIEF JOSEPH	1955	2005	2,409	2,409	.06050
	2,409					
	LOOKOUT POINT-DEXTER	1955	2005	30,265	30,265	.06050
	30,265					
	MCNARY	1955	2005	56,972	56,972	.06050
	56,972					
	ALBENI FALLS	1956	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1956	2005	56	56	.06050
R	56					
	BPA PROGRAM	1990	2030	3,008	2,628	.09250
	82					
	BPA CONSERVATION	1992	2007	100,000	26,649	.07140
	975					

TOTAL

110,964

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
2006	BONNEVILLE		2001	2006	75	75	.05440
R		75					
	MCNARY		1956	2006	41,438	41,438	.06110
		41,438					
	LITTLE GOOSE		1999	2006	21	21	.05575
R		21					
	CHIEF JOSEPH		1956	2006	14,590	14,590	.06110
		14,590					
	COUGAR		1999	2006	2	2	.05575
R		2					
	BPA PROGRAM		1990	2030	3,008	2,546	.09250
		81					
	BPA CONSERVATION		1992	2007	100,000	25,674	.07140
		25,674					
	FISH, WILDLIFE & ENVIRONMENTAL		1993	2008	20,000	20,000	.06950
		14,758					
	TOTAL	96,639					

2007			Prtg.txt				
	R	THE DALLES	1999	2007	64	64	.05628
		64					
		MCNARY	1957	2007	26,886	26,886	.06130
		26,886					
	R	MCNARY	1958	2007	503	503	.06130
		503					
	R	MCNARY	1959	2007	503	503	.06130
		503					
	R	MCNARY	1960	2007	503	503	.06130
		503					
	R	MCNARY	1961	2007	503	503	.06130
		503					
	R	MCNARY	1962	2007	502	502	.06130
		502					
	R	MCNARY	1963	2007	503	503	.06130
		503					
	R	MCNARY	1964	2007	503	503	.06130
		503					
	R	MCNARY	1965	2007	503	503	.06130
		503					
	R	MCNARY	1966	2007	503	503	.06130
		503					
	R	MCNARY	1967	2007	502	502	.06130
		502					
	R	MCNARY	1968	2007	503	503	.06130
		503					
	R	MCNARY	1969	2007	503	503	.06130
		503					
	R	MCNARY	1970	2007	503	503	.06130
		503					
	R	MCNARY	1971	2007	503	503	.06130
		503					
	R	MCNARY	1972	2007	503	503	.06130
		503					
	R	MCNARY	1973	2007	502	502	.06130
		502					
	R	MCNARY	1974	2007	503	503	.06130
		503					
	R	MCNARY	1975	2007	503	503	.06130

		Prtg.txt				
R	503					
	MCNARY	1976	2007	503	503	.06130
R	503					
	CHIEF JOSEPH	1957	2007	42,597	42,597	.06130
	42,597					
	MCNARY	1977	2007	502	502	.06130
R	502					
	MCNARY	1978	2007	503	503	.06130
R	503					
	MCNARY	1979	2007	503	503	.06130
R	503					
	MCNARY	1980	2007	503	503	.06130
R	503					
	LOWER SNAKE F AND W	1999	2007	100	100	.05628
R	100					
	MCNARY	1981	2007	503	503	.06130
R	503					
	MCNARY	1982	2007	502	502	.06130
R	502					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	MCNARY	503	1983	2007	503	503	.06130
R	MCNARY	599	1985	2007	599	599	.06130

		Prtg.txt				
R	LOWER GRANITE	1999	2007	29	29	.05628
	29					
	MCNARY	1986	2007	489	489	.06130
	489					
	MCNARY	1987	2007	26	26	.06130
	26					
R	GREEN PETER-FOSTER	1999	2007	13	13	.05628
	13					
	BPA PROGRAM	1990	2030	3,008	2,465	.09250
	86					
	FISH, WILDLIFE & ENVIRONMENTAL	1993	2008	20,000	5,242	.06950
	348					

	TOTAL					
	84,310					
2008	CHIEF JOSEPH	1958	2008	34,568	34,568	.06150
	34,568					
	THE DALLES	1958	2008	36,829	36,829	.06150
	36,829					
	YAKIMA-ROZA	1958	2008	577	577	.06150
	577					
R	CHIEF JOSEPH	1959	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1960	2008	242	242	.06150
	242					
R	THE DALLES	2001	2008	43	43	.05575
	43					
R	CHIEF JOSEPH	1961	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1962	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1963	2008	243	243	.06150
	243					
R	LOWER SNAKE F AND W	2003	2008	44	44	.05440
	44					
R	CHIEF JOSEPH	1964	2008	242	242	.06150
	242					

		Prtg.txt				
R	CHIEF JOSEPH	1965	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1966	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1967	2008	242	242	.06150
	242					
R	DWORSHAK	2001	2008	16	16	.05575
	16					
R	CHIEF JOSEPH	1968	2008	243	243	.06150
	243					
R	CHIEF JOSEPH	1969	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1970	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1971	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1972	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1973	2008	243	243	.06150
	243					
R	CHIEF JOSEPH	1974	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1975	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1976	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1977	2008	242	242	.06150
	242					
R	MINIDOKA	1977	2008	61	61	.06150
	61					
R	CHIEF JOSEPH	1978	2008	243	243	.06150
	243					
R	MINIDOKA	1978	2008	81	81	.06150
	81					
R	CHIEF JOSEPH	1979	2008	242	242	.06150
	242					

APPLICATION OF AMORTIZATION
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REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	MINIDOKA	81	1979	2008	81	81	.06150
R	CHIEF JOSEPH	242	1980	2008	242	242	.06150
R	MINIDOKA	81	1980	2008	81	81	.06150
R	CHIEF JOSEPH	242	1981	2008	242	242	.06150
R	MINIDOKA	81	1981	2008	81	81	.06150
R	CHIEF JOSEPH	242	1982	2008	242	242	.06150
R	MINIDOKA	81	1982	2008	81	81	.06150
R	CHIEF JOSEPH	243	1983	2008	243	243	.06150
R	MINIDOKA	71	1983	2008	71	71	.06150
R	CHIEF JOSEPH	50	1985	2008	50	50	.06150
	MINIDOKA	23	1985	2008	23	23	.06150
	YAKIMA-ROZA	80	1985	2008	80	80	.06150
	MINIDOKA	23	1986	2008	23	23	.06150

			Prtg.txt				
	YAKIMA-ROZA	7	1986	2008	7	7	.06150
	FISH, WILDLIFE & ENVIRONMENTAL	4,894	1993	2008	20,000	4,894	.06950
	MINIDOKA	17	1987	2008	17	17	.06150
	YAKIMA-ROZA	2	1987	2008	2	2	.06150
	BPA PROGRAM	199	1990	2030	3,008	2,379	.09250

	TOTAL	83,964					
2009	BPA CONSERVATION	40,000	1989	2009	40,000	40,000	.08550
	THE DALLES	39	2004	2009	39	39	.05440
R	THE DALLES	48,820	1959	2009	48,820	48,820	.05160
	LOWER MONUMENTAL	41	2001	2009	41	41	.05628
R	DETROIT-BIG CLIFF	2	2004	2009	2	2	.05440
R	GREEN PETER-FOSTER	16	2002	2009	16	16	.05575
R	THE DALLES	1	1999	2009	1	1	.05735
R	LOWER MONUMENTAL	11	1999	2009	11	11	.05735
	BPA PROGRAM	2,180	1990	2030	3,008	2,180	.09250
	BPA CONSERVATION	9,504	1993	2013	50,000	26,296	.08050

	TOTAL	100,614					

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
2010	FISH, WILDLIFE & ENVIRONMENTAL	22,900	1995	2010	22,900	22,900	.07200
	THE DALLES	43,044	1960	2010	43,044	43,044	.06180
R	JOHN DAY	25	2005	2010	25	25	.05440
R	LOWER GRANITE	22	2003	2010	22	22	.05575
R	JOHN DAY	37	2000	2010	37	37	.05735
R	DETROIT-BIG CLIFF	4	2003	2010	4	4	.05575
R	DETROIT-BIG CLIFF	28	2002	2010	28	28	.05628
R	ICE HARBOR	24	2002	2010	24	24	.05628
	ALBENI FALLS	57	1995	2010	57	57	.06180
	ALBENI FALLS	18	1995	2010	18	18	.06180
	BONNEVILLE	26	1995	2010	26	26	.06180

		Prtg.txt				
	CHIEF JOSEPH	1995	2010	16	16	.06180
	16					
	MINIDOKA	1995	2010	85	85	.06180
	85					
	THE DALLES	1995	2010	12	12	.06180
	12					
	BPA CONSERVATION	1993	2013	50,000	16,792	.08050
	16,792					
	BPA PROGRAM	1995	2025	8,509	8,509	.07700
	8,509					
	BUREAU DIRECT FUND	1995	2015	35,000	35,000	.07500
	20,585					

	TOTAL					
	112,184					
2011	FISH, WILDLIFE & ENVIRONMENTAL	1996	2011	24,000	24,000	.06950
	24,000					
	MCNARY	2004	2011	26	26	.05575
R	26					
	LOWER SNAKE F AND W	2004	2011	523	523	.05575
R	523					
	LOWER MONUMENTAL	2004	2011	21	21	.05575
R	21					
	MCNARY	2003	2011	55	55	.05628
R	55					
	THE DALLES	1961	2011	10,499	10,499	.06200
	10,499					
	THE DALLES	1962	2011	62	62	.06200
R	62					
	LOOKOUT POINT-DEXTER	2004	2011	14	14	.05575
R	14					
	THE DALLES	1963	2011	63	63	.06200
R	63					
	LITTLE GOOSE	2001	2011	11	11	.05735
R	11					
	LIBBY	2004	2011	58	58	.05575
R	58					

		Prtg.txt				
R	THE DALLES	63	1964	2011	63	.06200
R	ICE HARBOR	14	2004	2011	14	.05575
R	THE DALLES	62	1965	2011	62	.06200
R	THE DALLES	63	1966	2011	63	.06200
R	THE DALLES	63	1967	2011	63	.06200
R	LOOKOUT POINT-DEXTER	5	2003	2011	5	.05628
R	THE DALLES	62	1968	2011	62	.06200
R	HUNGRY HORSE	64	1996	2011	64	.06200
R	THE DALLES	63	1969	2011	63	.06200

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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	BONNEVILLE	100	2001	2011	100	100	.05735
R	LITTLE GOOSE	37	2003	2011	37	37	.05628
R	THE DALLES		1970	2011	63	63	.06200

			Prtg.txt				
R		63					
	THE DALLES		1971	2011	62	62	.06200
R		62					
	THE DALLES		1972	2011	63	63	.06200
R		63					
	THE DALLES		1973	2011	63	63	.06200
R		63					
	THE DALLES		1974	2011	62	62	.06200
R		62					
	BONNEVILLE		2004	2011	5	5	.05575
R		5					
	THE DALLES		1975	2011	63	63	.06200
R		63					
	THE DALLES		1976	2011	63	63	.06200
R		63					
	THE DALLES		1977	2011	62	62	.06200
R		62					
	COLUMBIA BASIN		1996	2011	47	47	.06200
		47					
	THE DALLES		1978	2011	63	63	.06200
R		63					
	THE DALLES		1979	2011	63	63	.06200
R		63					
	THE DALLES		1980	2011	62	62	.06200
R		62					
	THE DALLES		1981	2011	63	63	.06200
R		63					
	THE DALLES		1982	2011	63	63	.06200
R		63					
	THE DALLES		1983	2011	62	62	.06200
R		62					
	THE DALLES		1985	2011	106	106	.06200
		106					
	BOISE		1996	2011	13	13	.06200
		13					
	THE DALLES		1986	2011	105	105	.06200
		105					
	LOWER GRANITE		1999	2011	19	19	.05780
R		19					

		Prtg.txt				
	THE DALLES	1987	2011	1,567	1,567	.06200
	1,567					
	HUNGRY HORSE	1996	2011	65	65	.06200
R	65					
	BONNEVILLE	2006	2011	75	75	.05440
R	75					
	BUREAU DIRECT FUND	1995	2015	35,000	14,415	.07500
	14,415					
	BPA CONSERVATION	1995	2015	85,000	85,000	.07500
	63,711					

	TOTAL					
	116,933					
2012	FISH, WILDLIFE & ENVIRONMENTAL	1997	2012	27,000	27,000	.06600
	27,000					
	LOST CREEK	2005	2012	1	1	.05575
R	1					
	HILLS CREEK	1962	2012	10,304	10,304	.06220
	10,304					
	ICE HARBOR	1962	2012	49,280	49,280	.06220
	49,280					
	HILLS CREEK	1963	2012	14	14	.06220
R	14					
	ICE HARBOR	1963	2012	51	51	.06220
R	51					
	JOHN DAY	2005	2012	4	4	.05575
R	4					
	HILLS CREEK	1964	2012	14	14	.06220
R	14					
	ICE HARBOR	1964	2012	51	51	.06220
R	51					
	HILLS CREEK	1965	2012	14	14	.06220
R	14					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	R ICE HARBOR	52	1965	2012	52	52	.06220
	R HILLS CREEK	14	1966	2012	14	14	.06220
	R ICE HARBOR	51	1966	2012	51	51	.06220
	R HILLS CREEK	14	1967	2012	14	14	.06220
	R ICE HARBOR	51	1967	2012	51	51	.06220
	R HILLS CREEK	14	1968	2012	14	14	.06220
	R ICE HARBOR	52	1968	2012	52	52	.06220
	R HILLS CREEK	14	1969	2012	14	14	.06220
	R ICE HARBOR	51	1969	2012	51	51	.06220
	R HILLS CREEK	14	1970	2012	14	14	.06220
	R ICE HARBOR	51	1970	2012	51	51	.06220
	R HILLS CREEK	14	1971	2012	14	14	.06220
	R ICE HARBOR	52	1971	2012	52	52	.06220
	R GREEN PETER-FOSTER	75	1997	2012	75	75	.06200

		Prtg.txt				
		75				
R	HILLS CREEK	14	1972	2012	14	14 .06220
R	ICE HARBOR	51	1972	2012	51	51 .06220
R	HILLS CREEK	14	1973	2012	14	14 .06220
R	ICE HARBOR	51	1973	2012	51	51 .06220
R	COUGAR	3	2004	2012	3	3 .05628
R	HILLS CREEK	14	1974	2012	14	14 .06220
R	ICE HARBOR	52	1974	2012	52	52 .06220
R	HILLS CREEK	14	1975	2012	14	14 .06220
R	ICE HARBOR	51	1975	2012	51	51 .06220
R	HILLS CREEK	14	1976	2012	14	14 .06220
R	ICE HARBOR	51	1976	2012	51	51 .06220
R	BOISE	89	1997	2012	89	89 .06200
R	HILLS CREEK	14	1977	2012	14	14 .06220
R	ICE HARBOR	52	1977	2012	52	52 .06220
R	HILLS CREEK	14	1978	2012	14	14 .06220
R	ICE HARBOR	51	1978	2012	51	51 .06220
R	HILLS CREEK	14	1979	2012	14	14 .06220
R	ICE HARBOR	51	1979	2012	51	51 .06220
R	HILLS CREEK	14	1980	2012	14	14 .06220

			Prtg.txt				
R	ICE HARBOR	52	1980	2012	52	52	.06220
R	HILLS CREEK	14	1981	2012	14	14	.06220
R	ICE HARBOR	51	1981	2012	51	51	.06220
R	HILLS CREEK	14	1982	2012	14	14	.06220
R	ICE HARBOR	51	1982	2012	51	51	.06220
R	HILLS CREEK	14	1983	2012	14	14	.06220

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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	ICE HARBOR	52	1983	2012	52	52	.06220
	HILLS CREEK	7	1985	2012	7	7	.06220
	ICE HARBOR	46	1985	2012	46	46	.06220
	ICE HARBOR	152	1986	2012	152	152	.06220
	ICE HARBOR	4	1987	2012	4	4	.06220
	ICE HARBOR		2002	2012	74	74	.05735

		Prtg.txt				
R	74					
	BPA CONSERVATION	1995	2015	85,000	21,289	.07500
	21,289					
	BPA PROGRAM	1996	2041	15,798	15,798	.07240
	15,798					
	BUREAU DIRECT FUND	1996	2041	39,700	39,700	.07240
	2,517					

	TOTAL					
	128,015					
2013	FISH, WILDLIFE & ENVIRONMENTAL	1998	2013	27,000	27,000	.06400
	27,000					
	BPA CONSERVATION	1993	2013	50,000	50,000	.07400
	50,000					
	LOWER SNAKE F AND W	2008	2013	44	44	.05440
R	44					
	LOWER SNAKE F AND W	2003	2013	953	953	.05735
R	953					
	DWORSHAK	2005	2013	35	35	.05628
R	35					
	BONNEVILLE	2001	2013	131	131	.05780
R	131					
	DWORSHAK	2003	2013	168	168	.05735
R	168					
	BOISE	1998	2013	90	90	.05850
	90					
	COUGAR	2006	2013	2	2	.05575
R	2					
	LITTLE GOOSE	2006	2013	21	21	.05575
R	21					
	BPA CONSERVATION	1993	2013	40,000	40,000	.06750
	40,000					
	BUREAU DIRECT FUND	1996	2041	39,700	37,183	.07240
	37,183					
	BUREAU DIRECT FUND	1997	2042	17,300	17,300	.06930
	17,300					
	BPA PROGRAM	1997	2042	12,670	12,670	.06930

		Prtg.txt				
	12,670					
BPA CONSERVATION		1996	2016	99,700	99,700	.07050
	99,700					
BPA PROGRAM		1994	2034	14,278	14,278	.06850
	2,408					

TOTAL	287,705					

2014	DETROIT-BIG CLIFF	2009	2014	2	2	.05440
R	2					
	BPA CONSERVATION	1994	2014	50,000	50,000	.06750
	50,000					
	THE DALLES	2009	2014	39	39	.05440
R	39					
	COUGAR	1964	2014	10,173	10,173	.06260
	10,173					
	COUGAR	1965	2014	22	22	.06260
R	22					
	COUGAR	1966	2014	22	22	.06260
R	22					
	COUGAR	1967	2014	22	22	.06260
R	22					
	COUGAR	1968	2014	22	22	.06260
R	22					
	COUGAR	1969	2014	22	22	.06260
R	22					
	COUGAR	1970	2014	22	22	.06260
R	22					

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
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 YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	DETROIT-BIG CLIFF	21	2004	2014	21	21	.05735
R	COUGAR	22	1971	2014	22	22	.06260
R	COUGAR	22	1972	2014	22	22	.06260
R	COUGAR	22	1973	2014	22	22	.06260
R	COUGAR	22	1974	2014	22	22	.06260
R	COUGAR	22	1975	2014	22	22	.06260
R	COUGAR	22	1976	2014	22	22	.06260
R	COUGAR	22	1977	2014	22	22	.06260
R	COUGAR	22	1978	2014	22	22	.06260
R	COUGAR	22	1979	2014	22	22	.06260
R	DETROIT-BIG CLIFF	16	2002	2014	16	16	.05780
R	COUGAR	22	1980	2014	22	22	.06260
R	COUGAR	22	1981	2014	22	22	.06260
R	COUGAR	22	1982	2014	22	22	.06260
R	LOWER MONUMENTAL	1,855	1999	2014	1,855	1,855	.05847
R	COUGAR	22	1983	2014	22	22	.06260

		Prtg.txt				
	COUGAR	1985	2014	1	1	.06260
	1					
	COUGAR	1986	2014	117	117	.06260
	117					
	COUGAR	1987	2014	51	51	.06260
	51					
R	DETROIT-BIG CLIFF	1999	2014	266	266	.05847
	266					
R	DETROIT-BIG CLIFF	1999	2014	83	83	.05847
	83					
	BPA PROGRAM	1994	2034	14,278	11,870	.06850
	11,870					
	BUREAU DIRECT FUND	1998	2043	13,200	13,200	.06720
	13,200					
	BPA PROGRAM	1998	2043	14,883	14,883	.06720
	14,883					
	LIBBY	1989	2026	1	1	.06490
	1					
	LIBBY	1987	2026	2	2	.06490
	2					
	LIBBY	1986	2026	311	311	.06490
	311					
	LIBBY	1985	2026	570	570	.06490
	570					
	ICE HARBOR	1985	2026	23	23	.06490
	23					
R	LIBBY	1983	2026	1,610	1,610	.06490
	1,610					
R	LIBBY	1982	2026	1,610	1,610	.06490
	1,610					
R	LIBBY	1981	2026	1,610	1,610	.06490
	1,610					
R	LIBBY	1980	2026	1,610	1,610	.06490
	1,610					
R	LIBBY	1979	2026	1,610	1,610	.06490
	1,610					
R	LIBBY	1978	2026	1,610	1,610	.06490
	1,610					
R	LIBBY	1977	2026	1,610	1,610	.06490
	1,610					

			Prtg.txt			
R		1,610				
	LIBBY		1976	2026	168,661	168,661 .06490
		168,661				
	ICE HARBOR		1976	2026	22,486	22,486 .06490
		19,984				

	TOTAL	303,817				

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
2015	MCNARY		2000	2015	420	420	.05847
R		420					
	THE DALLES		2007	2015	64	64	.05628
R		64					
	MCNARY		2005	2015	150	150	.05735
R		150					
	THE DALLES		2008	2015	43	43	.05575
R		43					
	LOWER GRANITE		2005	2015	818	818	.05735
R		818					
	LOOKOUT POINT-DEXTER		2005	2015	97	97	.05735
R		97					
	MCNARY		2003	2015	93	93	.05780

		Prtg.txt				
R	93					
	DWORSHAK	2008	2015	16	16	.05575
R	16					
	LOWER SNAKE F AND W	2007	2015	100	100	.05628
R	100					
	ALBENI FALLS	2005	2015	1,027	1,027	.05735
R	1,027					
	LOWER GRANITE	2007	2015	29	29	.05628
R	29					
	LOOKOUT POINT-DEXTER	2003	2015	36	36	.05780
R	36					
	LIBBY	2000	2015	177	177	.05847
R	177					
	JOHN DAY	2010	2015	25	25	.05440
R	25					
	GREEN PETER-FOSTER	2007	2015	13	13	.05628
R	13					
	JOHN DAY	2000	2015	1,794	1,794	.05847
R	1,794					
	ALBENI FALLS	2000	2015	49	49	.05847
R	49					
	ALBENI FALLS	2003	2015	112	112	.05780
R	112					
	LOOKOUT POINT-DEXTER	2000	2015	68	68	.05847
R	68					
	LOOKOUT POINT-DEXTER	2000	2015	392	392	.05847
R	392					
	ICE HARBOR	1976	2026	22,486	2,502	.06490
	2,502					
	COLUMBIA BASIN - 3RD PWR HOUSE	1976	2026	45,432	45,432	.06490
	45,432					
	LOST CREEK	1987	2027	5	5	.06490
	5					
	LOST CREEK	1986	2027	7	7	.06490
	7					
	LOST CREEK	1985	2027	14	14	.06490
	14					
	LOST CREEK	1983	2027	66	66	.06490
R	66					

		Prtg.txt				
R	LOST CREEK	66	1982	2027	66	.06490
R	LOST CREEK	66	1981	2027	66	.06490
R	LOST CREEK	66	1980	2027	66	.06490
R	LOST CREEK	66	1979	2027	66	.06490
R	LOST CREEK	64	1978	2027	64	.06490
R	LOST CREEK	64	1977	2027	14,755	.06490
	14,755					
	COLUMBIA BASIN - 3RD PWR HOUSE		1977	2027	47,042	.06490
	47,042					
	CHIEF JOSEPH		1977	2027	33,539	.06490
	33,539					
	BONNEVILLE		1977	2027	17,225	.06490
	17,225					
	LITTLE GOOSE		1985	2028	51	.06490
	51					
	LOWER GRANITE		1978	2028	44,276	.06490
	44,276					
	LITTLE GOOSE		1978	2028	54,052	.06490
	54,052					

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____
_____	_____					

	COLUMBIA BASIN - 3RD PWR HOUSE	1978	2028	46,671	46,671	.06490
	46,671					
	CHIEF JOSEPH	1978	2028	83,229	83,229	.06490
	9,734					

	TOTAL					
	321,222					
2016	YAKIMA-CHANDLER	2001	2016	22	22	.05847
R	22					
	LITTLE GOOSE	2001	2016	1,429	1,429	.05847
R	1,429					
	BONNEVILLE	2011	2016	75	75	.05440
R	75					
	BONNEVILLE	2001	2016	2,309	2,309	.05847
R	2,309					
	GREEN PETER-FOSTER	2009	2016	16	16	.05575
R	16					
	LIBBY	2006	2016	58	58	.05735
R	58					
	YAKIMA-CHANDLER	2006	2016	53	53	.05735
R	53					
	CHIEF JOSEPH	1978	2028	83,229	73,495	.06490
	73,495					
	LOWER GRANITE	1994	2029	1,687	1,687	.06490
	1,687					
	LIBBY	1994	2029	312	312	.06490
	312					
	LIBBY	1994	2029	237	237	.06490
R	237					
	CHIEF JOSEPH	1990	2029	4,958	4,958	.06490
	4,958					
	CHIEF JOSEPH	1989	2029	2,451	2,451	.06490
	2,451					
	CHIEF JOSEPH	1988	2029	2,996	2,996	.06490
	2,996					
	CHIEF JOSEPH	1987	2029	3,341	3,341	.06490

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	3,341					
	CHIEF JOSEPH	1986	2029	5,902	5,902	.06490
	5,902					
	LOWER MONUMENTAL	1985	2029	279	279	.06490
	279					
	CHIEF JOSEPH	1985	2029	18,018	18,018	.06490
	18,018					
	LOWER MONUMENTAL	1979	2029	44,355	44,355	.06490
	44,355					
	COLUMBIA BASIN - 3RD PWR HOUSE	1979	2029	92,643	92,643	.06490
	92,643					
	CHIEF JOSEPH	1979	2029	66,118	66,118	.06490
	66,118					
	LIBBY	1995	2030	3,291	3,291	.06490
	3,291					
	LIBBY	1995	2030	97	97	.06490
	97					
	LIBBY	1995	2030	16	16	.06490
	16					
	LIBBY	1995	2030	42	42	.06490
R	42					
	BONNEVILLE	1995	2030	60	60	.06490
	60					
	COLUMBIA BASIN	1995	2030	367	367	.06490
R	367					
	DWORSHAK	1995	2030	227	227	.06490
	227					
	HUNGRY HORSE	1995	2030	553	553	.06490
R	553					
	HUNGRY HORSE	1995	2030	1,275	1,275	.06490
R	1,275					
	HUNGRY HORSE	1995	2030	513	513	.06490
R	513					
	BOISE	1996	2031	238	238	.06490
	238					
	LOWER GRANITE	1996	2031	330	330	.06490
	330					
	BONNEVILLE - 2ND POWER HOUSE	1981	2031	45,122	45,122	.06490
	25,323					

 TOTAL
 353,086

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
2017	BPA CONSERVATION	56,900	1997	2017	56,900	56,900	.06710
	MINIDOKA	15	2007	2017	15	15	.05735
R	LOWER GRANITE	22	2010	2017	22	22	.05575
R	COLUMBIA BASIN	858	1967	2017	858	858	.06320
	GREEN PETER-FOSTER	13,547	1967	2017	13,547	13,547	.06320
	LOST CREEK	4	2007	2017	4	4	.05735
R	MINIDOKA	112	2002	2017	112	112	.05847
R	LOWER GRANITE	404	1995	2017	404	404	.06320
	LOWER GRANITE	475	1995	2017	475	475	.06320

		Prtg.txt				
	LOWER GRANITE	1995	2017	79	79	.06320
	79					
	GREEN PETER-FOSTER	2007	2017	19	19	.05735
R	19					
	CHIEF JOSEPH	2007	2017	35	35	.05735
R	35					
	CHIEF JOSEPH	2002	2017	1,214	1,214	.05847
R	1,214					
	LOWER MONUMENTAL	2009	2017	41	41	.05628
R	41					
	DETROIT-BIG CLIFF	2010	2017	4	4	.05575
R	4					
	BOISE	2002	2017	12	12	.05847
R	12					
	BONNEVILLE - 2ND POWER HOUSE	1981	2031	45,122	19,799	.06490
	19,799					
	COLUMBIA BASIN	1996	2031	118	118	.06490
R	118					
	HILLS CREEK	1996	2031	137	137	.06490
	137					
	BONNEVILLE - 2ND POWER HOUSE	1982	2032	224,281	224,281	.06490
	224,281					
	CHIEF JOSEPH	1997	2032	361	361	.06490
	361					
	COLUMBIA BASIN	1997	2032	416	416	.06490
R	416					
	DWORSHAK	1997	2032	128	128	.06490
	128					
	LOWER MONUMENTAL	1997	2032	188	188	.06490
	188					
	MINIDOKA	1997	2032	188	188	.06490
	188					
	THE DALLES	1997	2032	513	513	.06490
	513					
	COLUMBIA BASIN - 3RD PWR HOUSE	1990	2033	7,041	7,041	.06490
	7,041					
	BONNEVILLE - 2ND POWER HOUSE	1990	2033	1,750	1,750	.06490
	1,750					
	COLUMBIA BASIN - 3RD PWR HOUSE	1989	2033	12,026	12,026	.06490

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	12,026							
BONNEVILLE - 2ND	POWER HOUSE	1989	2033	1,357	1,357	.06490		
	1,357							
COLUMBIA BASIN - 3RD	PWR HOUSE	1988	2033	4,800	4,800	.06490		
	4,800							
BONNEVILLE - 2ND	POWER HOUSE	1988	2033	1,402	1,402	.06490		
	1,402							
COLUMBIA BASIN - 3RD	PWR HOUSE	1987	2033	15,928	15,928	.06490		
	15,928							
BONNEVILLE - 2ND	POWER HOUSE	1987	2033	3,088	3,088	.06490		
	3,088							
COLUMBIA BASIN - 3RD	PWR HOUSE	1986	2033	17,139	17,139	.06490		
	17,139							
BONNEVILLE - 2ND	POWER HOUSE	1986	2033	33,705	33,705	.06490		
	33,705							
COLUMBIA BASIN - 3RD	PWR HOUSE	1985	2033	118	118	.06490		
	118							
COLUMBIA BASIN - 3RD	PWR HOUSE	1985	2033	46,077	46,077	.06490		
	46,077							

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
BONNEVILLE - 2ND POWER HOUSE	10,072	1985	2033	10,072	10,072	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	8,188	1984	2033	14,552	14,552	.06490

TOTAL						
	482,561					
2018	BPA CONSERVATION	1998	2018	42,600	42,600	.06500
	42,600					
	MCNARY	2011	2018	26	26	.05575
R	26					
	YAKIMA-ROZA	2003	2018	2	2	.05847
R	2					
	LOWER SNAKE F AND W	2011	2018	523	523	.05575
R	523					
	THE DALLES	2003	2018	1,664	1,664	.05847
R	1,664					
	LOWER MONUMENTAL	2011	2018	21	21	.05575
R	21					
	LOOKOUT POINT-DEXTER	2011	2018	14	14	.05575
R	14					
	LITTLE GOOSE	2008	2018	955	955	.05735
R	955					
	LOWER SNAKE F AND W	2013	2018	44	44	.05440
R	44					
	LIBBY	2011	2018	58	58	.05575
R	58					
	ICE HARBOR	2011	2018	14	14	.05575
R	14					
	GREEN PETER-FOSTER	1968	2018	13,828	13,828	.06340
	13,828					
	JOHN DAY	1968	2018	24,619	24,619	.06340
	24,619					
	BONNEVILLE	2011	2018	5	5	.05575
R	5					
	GREEN PETER-FOSTER	1969	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1970	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1971	2018	45	45	.06340
R	45					

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R	GREEN PETER-FOSTER 45	1972	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1973	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1974	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1975	2018	45	45	.06340
R	DWORSHAK 2,687	2003	2018	2,687	2,687	.05847
R	GREEN PETER-FOSTER 45	1976	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1977	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1978	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1979	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1980	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1981	2018	45	45	.06340
R	ICE HARBOR 24	2010	2018	24	24	.05628
R	GREEN PETER-FOSTER 45	1982	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1983	2018	45	45	.06340
R	DETROIT-BIG CLIFF 28	2010	2018	28	28	.05628
R	GREEN PETER-FOSTER 19	1985	2018	19	19	.06340
R	GREEN PETER-FOSTER 3	1986	2018	3	3	.06340
R	JOHN DAY 143	2006	2018	143	143	.05780

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GENERATION FY 1998

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
GREEN PETER-FOSTER		1987	2018	2	2	.06340
2						
COLUMBIA BASIN - 3RD PWR HOUSE	6,364	1984	2033	14,552	6,364	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	18,714	1984	2033	18,714	18,714	.06490
LOWER SNAKE F AND W	10,870	1983	2033	10,870	10,870	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	14,343	1983	2033	14,343	14,343	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	786	1983	2033	786	786	.06490
BONNEVILLE - 2ND POWER HOUSE	68,791	1983	2033	68,791	68,791	.06490
JOHN DAY	23	1995	2035	23	23	.06490
R						
JOHN DAY	54	1995	2035	54	54	.06490
JOHN DAY	124	1995	2035	124	124	.06490
LOWER SNAKE F AND W	52,317	1985	2035	52,317	52,317	.06490
LOOKOUT POINT-DEXTER	146	1995	2035	146	146	.06490
BONNEVILLE	113	1995	2035	113	113	.06490

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	LOOKOUT POINT-DEXTER	1995	2035	17	17	.06490
	17					
	ICE HARBOR	1996	2036	356	356	.06490
	356					
	ICE HARBOR	1996	2036	189	189	.06490
	189					
	LOWER SNAKE F AND W	1987	2037	79,262	79,262	.06490
	79,262					
	LIBBY	1988	2038	19,842	19,842	.06490
	19,842					
	LOWER SNAKE F AND W	1988	2038	880	880	.06490
	880					
	LOWER SNAKE F AND W	1990	2040	1,703	1,703	.06490
	1,703					
	LITTLE GOOSE	1995	2040	766	766	.06490
	766					
	LITTLE GOOSE	1995	2040	17	17	.06490
	17					
	LITTLE GOOSE	1995	2040	353	353	.06490
R	353					
	LOWER SNAKE F AND W	1991	2041	4,827	4,827	.06490
	4,827					
	LOWER SNAKE F AND W	1993	2043	78,440	78,440	.06490
	78,440					
	BONNEVILLE - 2ND POWER HOUSE	1994	2044	6,242	6,242	.06490
	6,242					
	LOWER SNAKE F AND W	1994	2044	5,059	5,059	.06490
	5,059					
	COLUMBIA BASIN - 3RD PWR HOUSE	1994	2044	13,832	13,832	.06490
	13,832					
	CHIEF JOSEPH	1994	2044	4,399	4,399	.06490
	4,399					
	JOHN DAY	1995	2045	631	631	.06490
R	631					
	ALBENI FALLS	1995	2045	1,158	1,158	.06490
	1,158					
	ALBENI FALLS	1995	2045	550	550	.06490
	550					
	ALBENI FALLS	1995	2045	461	461	.06490

		Prtg.txt				
	461					
	BONNEVILLE	1995	2045	3,953	3,953	.06490
	3,953					
	BONNEVILLE	1995	2045	425	425	.06490
	425					
	BONNEVILLE	1995	2045	345	345	.06490
R	345					
	LOOKOUT POINT-DEXTER	1995	2045	180	180	.06490
	180					
	BONNEVILLE	1995	2045	432	432	.06490
R	432					
	BONNEVILLE	1995	2045	496	496	.06490
	496					

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(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
	LOOKOUT POINT-DEXTER		1995	2045	10	10	.06490
	10						
	LOOKOUT POINT-DEXTER		1995	2045	87	87	.06490
R	87						
	CHIEF JOSEPH		1995	2045	822	822	.06490
	822						
	CHIEF JOSEPH		1995	2045	739	739	.06490
	739						
	CHIEF JOSEPH		1995	2045	151	151	.06490
	151						

		Prtg.txt				
	LOOKOUT POINT-DEXTER	1995	2045	36	36	.06490
	36					
R	CHIEF JOSEPH	1995	2045	584	584	.06490
	584					
R	LOST CREEK	1995	2045	97	97	.06490
	97					
	COLUMBIA BASIN	1995	2045	908	908	.06490
	908					
	COLUMBIA BASIN	1995	2045	519	519	.06490
	519					
R	COLUMBIA BASIN	1995	2045	384	384	.06490
	384					
	COLUMBIA RIVER FISH MITIGATION	1995	2045	45,036	45,036	.06490
	45,036					
	DWORSHAK	1995	2045	1,202	1,202	.06490
	1,202					
	LOWER MONUMENTAL	1995	2045	1,162	1,162	.06490
	1,162					
	LOWER MONUMENTAL	1995	2045	43	43	.06490
	43					
	HUNGRY HORSE	1995	2045	6,433	6,433	.06490
	6,433					
	LOWER MONUMENTAL	1995	2045	101	101	.06490
	101					
	LOWER MONUMENTAL	1995	2045	625	625	.06490
	625					
	MCNARY	1995	2045	16	16	.06490
	16					
	JOHN DAY	1995	2045	7,943	7,943	.06490
	7,943					
	MCNARY	1995	2045	542	542	.06490
	542					
R	BOISE	1996	2046	1,258	1,258	.06490
	1,258					
	BOISE	1996	2046	480	480	.06490
	480					
	LOWER GRANITE	1996	2046	3,956	3,956	.06490
	3,956					
	BOISE	1996	2046	714	714	.06490

		Prtg.txt				
	714					
LIBBY		1996	2046	2,050	2,050	.06490
	2,050					
LOWER MONUMENTAL		1996	2046	894	894	.06490
	894					
ALBENI FALLS		1996	2046	781	781	.06490
	781					
BONNEVILLE		1996	2046	43,359	43,359	.06490
	43,359					
LOWER SNAKE F AND W		1996	2046	8,555	8,555	.06490
	8,555					
BONNEVILLE		1996	2046	2,144	2,144	.06490
	2,144					
MCNARY		1996	2046	1,475	1,475	.06490
	1,475					
BONNEVILLE		1996	2046	2,144	2,144	.06490
R	2,144					
BONNEVILLE		1996	2046	2,241	2,241	.06490
	2,241					
CHIEF JOSEPH		1996	2046	526	526	.06490
	526					
MINIDOKA		1996	2046	2,255	2,255	.06490
	2,255					
CHIEF JOSEPH		1996	2046	647	647	.06490
	647					
THE DALLES		1996	2046	15,810	15,810	.06490
	15,810					
COLUMBIA BASIN		1996	2046	368	368	.06490
	368					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	THE DALLES	2,780	1996	2046	2,780	2,780	.06490
	COLUMBIA BASIN	251	1996	2046	251	251	.06490
R	COLUMBIA BASIN	1,188	1996	2046	1,188	1,188	.06490
	COLUMBIA BASIN	435	1996	2046	435	435	.06490
R	COLUMBIA BASIN	5,428	1996	2046	5,428	5,428	.06490
	LOOKOUT POINT-DEXTER	2,560	1996	2046	2,560	2,560	.06490
	JOHN DAY	3,148	1996	2046	3,148	3,148	.06490
	COLUMBIA BASIN	1,733	1996	2046	1,733	1,733	.06490
	HUNGRY HORSE	1,758	1996	2046	1,758	1,758	.06490
	COLUMBIA RIVER FISH MITIGATION	55,608	1996	2046	55,608	55,608	.06490
	DWORSHAK	535	1996	2046	535	535	.06490
	LOOKOUT POINT-DEXTER	1,140	1996	2046	1,140	1,140	.06490
	DWORSHAK	1,065	1996	2046	1,065	1,065	.06490
	LITTLE GOOSE	596	1996	2046	4,463	4,463	.06490

	TOTAL	720,736					

			Prtg.txt			
2019	LOST CREEK		2012	2019	1	1 .05575
R		1				
	MCNARY		2011	2019	55	55 .05628
R		55				
	THE DALLES		2014	2019	39	39 .05440
R		39				
	THE DALLES		1999	2019	1,126	1,126 .05959
R		1,126				
	THE DALLES		2004	2019	1,145	1,145 .05847
R		1,145				
	THE DALLES		2007	2019	8	8 .05780
R		8				
	THE DALLES		2009	2019	1	1 .05735
R		1				
	JOHN DAY		2012	2019	4	4 .05575
R		4				
	LOOKOUT POINT-DEXTER		2011	2019	5	5 .05628
R		5				
	LITTLE GOOSE		2011	2019	37	37 .05628
R		37				
	LOWER SNAKE F AND W		2007	2019	478	478 .05780
R		478				
	ICE HARBOR		1995	2019	883	883 .06360
		883				
	ICE HARBOR		1995	2019	87	87 .06360
		87				
	DETROIT-BIG CLIFF		2014	2019	2	2 .05440
R		2				
	ICE HARBOR		1995	2019	178	178 .06360
		178				
	JOHN DAY		1969	2019	108,929	108,929 .06360
		108,929				
	LOWER MONUMENTAL		1969	2019	28,431	28,431 .06360
		28,431				
	LOWER MONUMENTAL		1999	2019	284	284 .05959
R		284				
	LOWER MONUMENTAL		2009	2019	11	11 .05735
R		11				
	LITTLE GOOSE		1996	2046	4,463	3,867 .06490

		Prtg.txt				
	3,867					
JOHN DAY		1996	2046	11,249	11,249	.06490
	11,249					
LIBBY		1996	2046	531	531	.06490
	531					
ALBENI FALLS		1997	2047	341	341	.06490
	341					

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	BOISE		1997	2047	129	129	.06490
R		129					
	BONNEVILLE		1997	2047	12,429	12,429	.06490
		12,429					
	BONNEVILLE		1997	2047	802	802	.06490
		802					
R	BONNEVILLE		1997	2047	802	802	.06490
		802					
	COLUMBIA BASIN		1997	2047	4,915	4,915	.06490
		4,915					
	COLUMBIA RIVER FISH MITIGATION		1997	2047	73,757	73,757	.06490
		73,757					
	HUNGRY HORSE		1997	2047	462	462	.06490
R		462					
	ICE HARBOR		1997	2047	1,335	1,335	.06490
		1,335					

		Prtg.txt				
	LIBBY	1997	2047	1,335	1,335	.06490
	1,335					
	LOWER SNAKE F AND W	1997	2047	3,901	3,901	.06490
	3,901					
	MINIDOKA	1997	2047	46,867	46,867	.06490
	46,867					
R	LOWER GRANITE	1981	2025	565	565	.06470
	565					
	LOWER GRANITE	1986	2025	238	238	.06470
	238					
R	LOWER GRANITE	1980	2025	565	565	.06470
	565					
R	LOWER GRANITE	1983	2025	565	565	.06470
	565					
R	LOWER GRANITE	1979	2025	566	566	.06470
	566					
R	LOWER GRANITE	1978	2025	565	565	.06470
	565					
R	LOWER GRANITE	1977	2025	565	565	.06470
	565					
R	LOWER GRANITE	1976	2025	565	565	.06470
	565					
	LOWER GRANITE	1975	2025	130,405	130,405	.06470
	130,405					
	LIBBY	1975	2025	53,102	53,102	.06470
	53,102					
	COLUMBIA BASIN - 3RD PWR HOUSE	1975	2025	43,303	43,303	.06470
	43,303					
	LOWER GRANITE	1985	2025	364	364	.06470
	364					
	LOWER GRANITE	1987	2025	9	9	.06470
	9					
	LOWER GRANITE	1982	2025	566	566	.06470
R	566					
	THE DALLES	1974	2024	8,044	8,044	.06450
	884					

TOTAL

Prtg.txt

537,253

2020	JOHN DAY	1995	2020	82	82	.06380
	82					
	LOWER GRANITE	2005	2020	2,330	2,330	.05847
R	2,330					
	COUGAR	2012	2020	3	3	.05628
R	3					
	JOHN DAY	2010	2020	37	37	.05735
R	37					
	LOWER MONUMENTAL	1982	2020	242	242	.06380
R	242					
	HUNGRY HORSE	1995	2020	176	176	.06380
R	176					
	JOHN DAY	1970	2020	26,724	26,724	.06380
	26,724					
	LITTLE GOOSE	1970	2020	24,063	24,063	.06380
	24,063					
	LOWER MONUMENTAL	1970	2020	57,858	57,858	.06380
	57,858					
	GREEN PETER-FOSTER	1995	2020	11	11	.06380
	11					
	GREEN PETER-FOSTER	1995	2020	25	25	.06380
R	25					

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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____
_____	_____					

Prtg.txt

R	LOWER MONUMENTAL 242	1971	2020	242	242	.06380
R	COUGAR 2	2013	2020	2	2	.05575
R	LOWER MONUMENTAL 242	1972	2020	242	242	.06380
R	JOHN DAY 25	2015	2020	25	25	.05440
R	LOWER MONUMENTAL 242	1973	2020	242	242	.06380
R	LOWER MONUMENTAL 9	1985	2020	9	9	.06380
R	COLUMBIA BASIN 221	1995	2020	221	221	.06380
R	LOWER MONUMENTAL 242	1980	2020	242	242	.06380
R	LOWER MONUMENTAL 242	1974	2020	242	242	.06380
R	LOWER MONUMENTAL 242	1975	2020	242	242	.06380
R	LOWER MONUMENTAL 149	1986	2020	149	149	.06380
R	LOWER MONUMENTAL 242	1976	2020	242	242	.06380
R	BONNEVILLE 23	1995	2020	23	23	.06380
R	BONNEVILLE 22	1995	2020	22	22	.06380
R	LOWER MONUMENTAL 242	1977	2020	242	242	.06380
R	LITTLE GOOSE 21	2013	2020	21	21	.05575
R	LOWER MONUMENTAL 242	1978	2020	242	242	.06380
R	LOWER MONUMENTAL 242	1981	2020	242	242	.06380
R	LOWER MONUMENTAL 242	1979	2020	242	242	.06380

		Prtg.txt				
R	LOWER MONUMENTAL 242	1983	2020	242	242	.06380
	LOWER MONUMENTAL 4	1987	2020	4	4	.06380
	THE DALLES 7,160	1974	2024	8,044	7,160	.06450
R	DWORSHAK 578	1979	2023	578	578	.06430
R	DWORSHAK 578	1980	2023	578	578	.06430
	DWORSHAK 6	1987	2023	6	6	.06430
R	DWORSHAK 578	1978	2023	578	578	.06430
R	DWORSHAK 578	1977	2023	578	578	.06430
	DWORSHAK 1,273	1985	2023	1,273	1,273	.06430
R	DWORSHAK 578	1976	2023	578	578	.06430
R	DWORSHAK 578	1975	2023	578	578	.06430
R	DWORSHAK 575	1974	2023	575	575	.06430
R	DWORSHAK 584	1983	2023	584	584	.06430
	THE DALLES 24,441	1973	2023	24,441	24,441	.06430
	DWORSHAK 148,459	1973	2023	148,459	148,459	.06430
R	DWORSHAK 578	1982	2023	578	578	.06430
	DWORSHAK 220	1986	2023	220	220	.06430
R	DWORSHAK 578	1981	2023	578	578	.06430
	YAKIMA-CHANDLER 796	1956	2022	796	796	.06410
	JOHN DAY	1987	2022	792	792	.06410

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PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
JOHN DAY	34	1989	2022	34	34	.06410
JOHN DAY	3,622	1986	2022	3,622	3,622	.06410
YAKIMA-CHANDLER	506	1986	2022	506	506	.06410
JOHN DAY	41	1990	2022	41	41	.06410
JOHN DAY	21	1992	2022	21	21	.06410
JOHN DAY	12,911	1972	2022	12,911	12,911	.06410
JOHN DAY	7,285	1985	2022	7,285	7,285	.06410
YAKIMA-CHANDLER	1	1966	2022	1	1	.06410
R YAKIMA-CHANDLER	1	1965	2022	1	1	.06410
R YAKIMA-CHANDLER	1	1964	2022	1	1	.06410
R YAKIMA-CHANDLER	1	1963	2022	1	1	.06410
R	1					

		Prtg.txt				
	YAKIMA-CHANDLER	1962	2022	1	1	.06410
R	1					
	YAKIMA-CHANDLER	1961	2022	1	1	.06410
R	1					
	YAKIMA-CHANDLER	1960	2022	1	1	.06410
R	1					
	YAKIMA-CHANDLER	1959	2022	2	2	.06410
R	2					
	LITTLE GOOSE	1977	2021	33	33	.06390
R	33					
	LITTLE GOOSE	1987	2021	6	6	.06390
	6					
	MINIDOKA	1996	2021	146	146	.06390
R	146					
	LITTLE GOOSE	1976	2021	32	32	.06390
R	32					
	BOISE	1996	2021	88	88	.06390
R	88					
	LITTLE GOOSE	1980	2021	32	32	.06390
R	32					
	LITTLE GOOSE	1982	2021	32	32	.06390
R	32					
	LITTLE GOOSE	1981	2021	33	33	.06390
R	33					
	LITTLE GOOSE	1975	2021	33	33	.06390
R	33					
	LITTLE GOOSE	1986	2021	270	270	.06390
	270					
	LITTLE GOOSE	1974	2021	32	32	.06390
R	32					
	LITTLE GOOSE	1979	2021	33	33	.06390
R	33					
	LITTLE GOOSE	1973	2021	33	33	.06390
R	33					
	YAKIMA-ROZA	1996	2021	341	341	.06390
R	341					
	LITTLE GOOSE	1972	2021	32	32	.06390
R	32					
	LITTLE GOOSE	1985	2021	196	196	.06390

		Prtg.txt				
	196					
	LITTLE GOOSE	1971	2021	48,422	48,422	.06390
	48,422					
	JOHN DAY	1971	2021	39,419	39,419	.06390
	39,419					
	LITTLE GOOSE	1983	2021	33	33	.06390
R	33					
	HUNGRY HORSE	1996	2021	140	140	.06390
R	140					
	LITTLE GOOSE	1978	2021	32	32	.06390
R	32					
	JOHN DAY	1997	2022	162	162	.06390
	162					
	LOWER MONUMENTAL	1999	2029	226	226	.06183
R	226					
	JOHN DAY	2000	2030	486	486	.06183
R	486					

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(ALL AMOUNT IN \$1000)

PROJECT		IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT	AMOUNT					
+	-----	-----	-----	-----	-----	-----
	LITTLE GOOSE	2001	2031	222	222	.06183
R	222					
	COUGAR	1999	2034	2,270	2,270	.06183
R	2,270					
	LOWER GRANITE	2005	2035	614	614	.06183
R	614					

		Prtg.txt				
R	GREEN PETER-FOSTER	2002	2037	3,459	3,459	.06183
	3,459					
R	COLUMBIA BASIN	2007	2037	1,833	1,833	.06183
	1,833					
R	LOST CREEK	2007	2037	16	16	.06183
	16					
R	MINIDOKA	2007	2037	62	62	.06183
	62					
R	GREEN PETER-FOSTER	2003	2038	1,703	1,703	.06183
	1,703					
R	COLUMBIA BASIN	2008	2038	2,058	2,058	.06183
	2,058					
R	THE DALLES	1999	2039	39,948	39,948	.06183
	39,948					
R	LOWER MONUMENTAL	2004	2039	9,456	9,456	.06183
	9,456					
R	JOHN DAY	2005	2040	41,671	41,671	.06183
	41,671					
R	LITTLE GOOSE	2006	2041	11,539	11,539	.06183
	11,539					
R	ICE HARBOR	2002	2042	10,637	10,637	.06183
	10,637					
R	HILLS CREEK	2002	2042	1,450	1,450	.06183
	1,450					
R	DWORSHAK	2008	2043	11,384	11,384	.06183
	11,384					
R	LOWER SNAKE F AND W	2013	2043	2,033	2,033	.06183
	2,033					
R	HUNGRY HORSE	2013	2043	415	415	.06183
	415					
R	THE DALLES	2008	2043	17,420	17,420	.06183
	17,420					
R	COUGAR	2004	2044	1,423	1,423	.06183
	1,423					
R	LOWER GRANITE	2010	2045	7,772	7,772	.06183
	7,772					
R	BONNEVILLE	2011	2046	65,863	65,863	.06183
	17,974					

 TOTAL
 603,941

2021	DWORSHAK		2009	2021	49	49	.05780
R		49					
	LITTLE GOOSE		2011	2021	11	11	.05735
R		11					
	BONNEVILLE		2016	2021	75	75	.05440
R		75					
	LIBBY		2006	2021	1,612	1,612	.05847
R		1,612					
	BONNEVILLE		2011	2021	100	100	.05735
R		100					
	DWORSHAK		2013	2021	35	35	.05628
R		35					
	BONNEVILLE		2001	2021	557	557	.05959
R		557					
	BONNEVILLE		2011	2046	65,863	47,889	.06183
R		47,889					
	ICE HARBOR		2011	2046	5,930	5,930	.06183
R		5,930					
	LIBBY		2011	2046	8,915	8,915	.06183
R		8,915					
	YAKIMA-CHANDLER		2016	2046	53	53	.06183
R		53					
	YAKIMA-CHANDLER		2001	2046	677	677	.06183
R		677					
	GREEN PETER-FOSTER		2007	2047	1,788	1,788	.06183
R		1,788					
	BOISE		2007	2047	702	702	.06183
R		702					
	BOISE		2017	2047	58	58	.06183
R		58					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
R	BONNEVILLE	47	2012	2047	47	47	.06183
R	LOST CREEK	1,397	2012	2047	1,397	1,397	.06183
R	MINIDOKA	77	2017	2047	77	77	.06183
R	MINIDOKA	3,517	2002	2047	3,517	3,517	.06183
R	LITTLE GOOSE	9,004	2013	2048	9,004	9,004	.06183
R	LOWER GRANITE	9,154	2013	2048	9,154	9,154	.06183
R	CHIEF JOSEPH	59,286	2013	2048	59,286	59,286	.06183
R	COLUMBIA BASIN	48,056	2013	2048	48,056	48,056	.06183
R	GREEN PETER-FOSTER	1,537	2008	2048	1,537	1,537	.06183
R	YAKIMA-ROZA	184	2003	2048	184	184	.06183
R	YAKIMA-ROZA	4	2018	2048	4	4	.06183
R	LOWER MONUMENTAL	9,688	2009	2049	9,688	9,688	.06183
R	LOWER MONUMENTAL	8,698	2014	2049	8,698	8,698	.06183
R	JOHN DAY	25,979	2010	2050	25,979	25,979	.06183

		Prtg.txt				
R	LITTLE GOOSE	2011	2051	9,683	9,683	.06183
	9,683					
R	HILLS CREEK	2007	2052	79	79	.06183
	79					
R	ICE HARBOR	2007	2052	155	155	.06183
	155					
R	BONNEVILLE	2017	2052	63,306	63,306	.06183
	63,306					
R	MINIDOKA	2007	2052	5,369	5,369	.06183
	5,369					
R	COLUMBIA BASIN	2017	2052	34,710	34,710	.06183
	34,710					
R	HUNGRY HORSE	2003	2053	40,462	40,462	.06183
	40,462					
R	LOWER SNAKE F AND W	2018	2053	1,046	1,046	.06183
	1,046					
R	THE DALLES	2013	2053	14,104	14,104	.06183
	14,104					
R	DWORSHAK	2013	2053	7,075	7,075	.06183
	7,075					
R	DETROIT-BIG CLIFF	2004	2054	509	509	.06183
	509					
R	DETROIT-BIG CLIFF	2004	2054	2,514	2,514	.06183
	2,514					
R	LOWER GRANITE	2015	2055	6,482	6,482	.06183
	6,482					
R	LIBBY	2020	2055	6,455	6,455	.06183
	6,455					
R	ALBENI FALLS	2005	2055	2,031	2,031	.06183
	2,031					
R	LOOKOUT POINT-DEXTER	2005	2055	458	458	.06183
	458					
R	LOOKOUT POINT-DEXTER	2005	2055	3,665	3,665	.06183
	3,665					
R	M McNARY	2005	2055	18,483	18,483	.06183
	18,483					
R	LIBBY	2016	2056	13,316	13,316	.06183
	13,316					
R	YAKIMA-CHANDLER	2006	2056	2,893	2,893	.06183

		Prtg.txt				
R	2,893					
	ICE HARBOR	2016	2056	3,979	3,979	.06183
R	3,979					
	CHIEF JOSEPH	2007	2057	9,931	9,931	.06183
R	9,931					
	BONNEVILLE	2017	2057	244	244	.06183
R	244					
	MINIDOKA	2007	2057	6,240	6,240	.06183
R	6,240					
	LOST CREEK	2017	2057	1,090	1,090	.06183
R	1,090					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	COLUMBIA BASIN	159,175	2018	2058	167,782	167,782	.06183
R							
	TOTAL	658,533					
2022	THE DALLES	43	2015	2022	43	43	.05575
R							
	HILLS CREEK	45	2002	2022	45	45	.05959
R							
	ICE HARBOR	45	2012	2022	74	74	.05735

		Prtg.txt				
R	74					
	MINIDOKA	2007	2022	75	75	.05847
R	75					
	COLUMBIA BASIN	2007	2022	741	741	.05847
R	741					
	LOST CREEK	2007	2022	34	34	.05847
R	34					
	ICE HARBOR	2007	2022	767	767	.05847
R	767					
	DWORSHAK	2015	2022	16	16	.05575
R	16					
	ICE HARBOR	2002	2022	1,333	1,333	.05959
R	1,333					
	HILLS CREEK	2007	2022	438	438	.05847
R	438					
	ICE HARBOR	2022	2052	542	542	.06183
R	542					
	MINIDOKA	2022	2057	2,728	2,728	.06183
R	2,728					
	COLUMBIA BASIN	2018	2058	167,782	8,607	.06183
R	8,607					
	LITTLE GOOSE	2018	2058	8,074	8,074	.06183
R	8,074					
	LOWER GRANITE	2018	2058	7,109	7,109	.06183
R	7,109					
	CHIEF JOSEPH	2018	2058	37,885	37,885	.06183
R	37,885					
	YAKIMA-ROZA	2008	2058	323	323	.06183
R	323					
	LOWER MONUMENTAL	2019	2059	6,315	6,315	.06183
R	6,315					
	THE DALLES	2009	2059	17,596	17,596	.06183
R	17,596					
	BONNEVILLE	2021	2061	58,069	58,069	.06183
R	58,069					
	HILLS CREEK	2012	2062	459	459	.06183
R	459					
	ICE HARBOR	2012	2062	3,612	3,612	.06183
R	3,612					

		Prtg.txt				
R	BOISE	2017	2062	670	670	.06183
	670					
R	BONNEVILLE	2022	2062	56,582	56,582	.06183
	56,582					
R	COUGAR	2014	2064	580	580	.06183
	580					
R	ICE HARBOR	2021	2066	25	25	.06183
	25					
R	GREEN PETER-FOSTER	2017	2067	1,431	1,431	.06183
	1,431					
R	LOST CREEK	2022	2067	472	472	.06183
	472					
R	MINIDOKA	2017	2067	4,159	4,159	.06183
	4,159					
R	GREEN PETER-FOSTER	2018	2068	252	252	.06183
	252					
R	LOWER MONUMENTAL	2019	2069	3,781	3,781	.06183
	3,781					
R	JOHN DAY	2020	2070	8,426	8,426	.06183
	8,426					
R	LITTLE GOOSE	2021	2071	3,274	3,274	.06183
	3,274					
R	COLUMBIA BASIN	1998	2033	898	898	.06180
	898					
R	HUNGRY HORSE	1998	2033	262	262	.06180
	262					
R	MINIDOKA	1998	2033	277	277	.06180
	277					

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	PROJECT REPLACEMENT	AMOUNT	Prtg.txt IN-SERVICE	DUE	GROSS	NET	RATE
+							
	COLUMBIA BASIN	357	1998	2033	357	357	.06180
	MINIDOKA	128	1998	2033	128	128	.06180
	COLUMBIA RIVER FISH MITIGATION	137,104	1998	2048	137,104	137,104	.06180
	HUNGRY HORSE	217	1998	2048	217	217	.06180
R	LOWER SNAKE F AND W	2,768	1998	2048	2,768	2,768	.06180
	BONNEVILLE	22,149	1998	2048	22,149	22,149	.06180
	LOWER GRANITE	191	2000	2025	191	191	.06071
R	ICE HARBOR	39	2001	2026	39	39	.06071
R	LIBBY	2,236	2001	2026	2,236	2,236	.06071
R	BONNEVILLE	13	2002	2027	13	13	.06071
R	BOISE	2,264	2002	2027	2,264	2,264	.06071
R	LOST CREEK	147	2002	2027	147	147	.06071
R	CHIEF JOSEPH	291	2003	2028	291	291	.06071
R	COLUMBIA BASIN	48,216	2003	2028	48,216	48,216	.06071
R	LITTLE GOOSE	35	2003	2028	35	35	.06071
R	HUNGRY HORSE	9,402	2003	2028	9,402	9,402	.06071
R	LOWER GRANITE	107	2003	2028	107	107	.06071

		Prtg.txt				
R	DETROIT-BIG CLIFF 187	2004	2029	187	187	.06071
R	DETROIT-BIG CLIFF 555	2004	2029	555	555	.06071
R	LOWER MONUMENTAL 37	2004	2029	37	37	.06071
R	ALBENI FALLS 2,165	2005	2030	2,165	2,165	.06071
R	LOOKOUT POINT-DEXTER 485	2005	2030	485	485	.06071
R	MCNARY 839	2005	2030	839	839	.06071
R	YAKIMA-CHANDLER 826	2006	2031	826	826	.06071
R	CHIEF JOSEPH 3,565	2007	2032	3,565	3,565	.06071
R	MINIDOKA 2,057	2007	2032	2,057	2,057	.06071
R	BONNEVILLE 3,842	2007	2032	3,842	3,842	.06071
R	LOWER SNAKE F AND W 926	2008	2033	926	926	.06071
R	YAKIMA-ROZA 93	2008	2033	93	93	.06071
R	THE DALLES 2,310	2009	2034	2,310	2,310	.06071
R	LIBBY 238	2010	2035	238	238	.06071
R	HILLS CREEK 139	2012	2037	139	139	.06071
R	ICE HARBOR 1,454	2012	2037	1,454	1,454	.06071
R	COUGAR 120	2014	2039	120	120	.06071
R	BONNEVILLE 2,324	2016	2041	2,324	2,324	.06071
R	GREEN PETER-FOSTER 401	2017	2042	401	401	.06071
R	MINIDOKA	2017	2042	1,722	1,722	.06071

		Prtg.txt				
R	1,722					
	GREEN PETER-FOSTER	2018	2043	145	145	.06071
R	145					
	LOWER MONUMENTAL	2019	2044	783	783	.06071
R	783					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	JOHN DAY		2020	2045	3,181	3,181	.06071
R	3,181						
	LITTLE GOOSE		2021	2046	897	897	.06071
R	897						
	COLUMBIA BASIN		2022	2047	41,000	41,000	.06071
R	41,000						
	YAKIMA-ROZA		1998	2023	43	43	.06070
R	43						
	LOWER SNAKE F AND W		2003	2023	4,788	4,788	.05959
R	4,788						
	COUGAR		2004	2024	64	64	.05959
R	64						
	COLUMBIA BASIN		2007	2027	4,143	4,143	.05959
R	4,143						
	GREEN PETER-FOSTER		2007	2027	121	121	.05959
R	121						
	BOISE		2007	2027	124	124	.05959
R	124						

		Prtg.txt				
R	GREEN PETER-FOSTER	2008	2028	62	62	.05959
	62					
R	LOWER MONUMENTAL	2009	2029	283	283	.05959
	283					
R	JOHN DAY	2010	2030	587	587	.05959
	587					
R	LITTLE GOOSE	2011	2031	409	409	.05959
	409					
R	HUNGRY HORSE	2013	2033	618	618	.05959
	618					
R	DWORSHAK	2013	2033	3,136	3,136	.05959
	3,136					
R	THE DALLES	2013	2033	1,765	1,765	.05959
	1,765					
R	DETROIT-BIG CLIFF	2014	2034	101	101	.05959
	101					
R	LOOKOUT POINT-DEXTER	2015	2035	398	398	.05959
	398					
R	LOWER GRANITE	2015	2035	937	937	.05959
	937					
R	ALBENI FALLS	2015	2035	796	796	.05959
	796					
R	LOOKOUT POINT-DEXTER	2015	2035	32	32	.05959
	32					
R	M McNARY	2015	2035	1,135	1,135	.05959
	1,135					
R	LIBBY	2016	2036	567	567	.05959
	567					
R	YAKIMA-CHANDLER	2016	2036	79	79	.05959
	79					
R	ICE HARBOR	2016	2036	179	179	.05959
	179					
R	MINIDOKA	2017	2037	243	243	.05959
	243					
R	LOST CREEK	2017	2037	67	67	.05959
	67					
R	CHIEF JOSEPH	2017	2037	1,855	1,855	.05959
	1,855					
R	MINIDOKA	2017	2037	82	82	.05959

		Prtg.txt				
R	82					
	COLUMBIA BASIN	2018	2038	4,846	4,846	.05959
R	4,846					
	LOWER GRANITE	2018	2038	287	287	.05959
R	287					
	CHIEF JOSEPH	2018	2038	602	602	.05959
R	602					
	YAKIMA-ROZA	2018	2038	7	7	.05959
R	7					
	LITTLE GOOSE	2018	2038	178	178	.05959
R	178					
	LOWER MONUMENTAL	2019	2039	284	284	.05959
R	284					
	THE DALLES	2019	2039	1,126	1,126	.05959
R	1,126					
	BONNEVILLE	2021	2041	557	557	.05959
R	557					
	ICE HARBOR	2022	2042	1,333	1,333	.05959
R	1,333					
	HILLS CREEK	2022	2042	45	45	.05959
R	45					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	CHIEF JOSEPH		2008	2023	172	172	.05847
R	172						

		Prtg.txt				
R	LOWER GRANITE	2008	2023	287	287	.05847
	287					
R	COLUMBIA BASIN	2008	2023	1,000	1,000	.05847
	1,000					
R	COUGAR	2009	2024	40	40	.05847
	40					
R	BONNEVILLE	2012	2027	1,001	1,001	.05847
	1,001					
R	GREEN PETER-FOSTER	2012	2027	875	875	.05847
	875					
R	HUNGRY HORSE	2013	2028	411	411	.05847
	411					
R	LOWER SNAKE F AND W	2013	2028	1,030	1,030	.05847
	1,030					
R	GREEN PETER-FOSTER	2013	2028	715	715	.05847
	715					
R	DETROIT-BIG CLIFF	2014	2029	266	266	.05847
	266					
R	LOWER MONUMENTAL	2014	2029	1,855	1,855	.05847
	1,855					
R	DETROIT-BIG CLIFF	2014	2029	83	83	.05847
	83					
R	LIBBY	2015	2030	177	177	.05847
	177					
R	ALBENI FALLS	2015	2030	49	49	.05847
	49					
R	JOHN DAY	2015	2030	1,794	1,794	.05847
	1,794					
R	MCNARY	2015	2030	420	420	.05847
	420					
R	LOOKOUT POINT-DEXTER	2015	2030	68	68	.05847
	68					
R	LOOKOUT POINT-DEXTER	2015	2030	392	392	.05847
	392					
R	YAKIMA-CHANDLER	2016	2031	22	22	.05847
	22					
R	BONNEVILLE	2016	2031	2,309	2,309	.05847
	2,309					
R	LITTLE GOOSE	2016	2031	1,429	1,429	.05847

		Prtg.txt				
R	1,429					
	CHIEF JOSEPH	2017	2032	1,214	1,214	.05847
R	1,214					
	BOISE	2017	2032	12	12	.05847
R	12					
	MINIDOKA	2017	2032	112	112	.05847
R	112					
	THE DALLES	2018	2033	1,664	1,664	.05847
R	1,664					
	DWORSHAK	2018	2033	2,687	2,687	.05847
R	2,687					
	YAKIMA-ROZA	2018	2033	2	2	.05847
R	2					
	THE DALLES	2019	2034	1,145	1,145	.05847
R	1,145					
	LOWER GRANITE	2020	2035	2,330	2,330	.05847
R	2,330					
	LIBBY	2021	2036	1,612	1,612	.05847
R	1,612					
	ICE HARBOR	2022	2037	767	767	.05847
R	767					
	HILLS CREEK	2022	2037	438	438	.05847
R	438					
	LOST CREEK	2022	2037	34	34	.05847
R	34					
	COLUMBIA BASIN	2022	2037	741	741	.05847
R	741					
	MINIDOKA	2022	2037	75	75	.05847
R	75					
	LOWER GRANITE	2011	2023	19	19	.05780
R	19					
	BONNEVILLE	2013	2025	131	131	.05780
R	131					
	DETROIT-BIG CLIFF	2014	2026	16	16	.05780
R	16					
	LOOKOUT POINT-DEXTER	2015	2027	36	36	.05780
R	36					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
R	ALBENI FALLS	112	2015	2027	112	112	.05780
R	MCNARY	93	2015	2027	93	93	.05780
R	JOHN DAY	143	2018	2030	143	143	.05780
R	LOWER SNAKE F AND W	478	2019	2031	478	478	.05780
R	THE DALLES	8	2019	2031	8	8	.05780
R	DWORSHAK	49	2021	2033	49	49	.05780
R	LOWER SNAKE F AND W	953	2013	2023	953	953	.05735
R	DWORSHAK	168	2013	2023	168	168	.05735
R	DETROIT-BIG CLIFF	21	2014	2024	21	21	.05735
R	MCNARY	150	2015	2025	150	150	.05735
R	LOWER GRANITE	818	2015	2025	818	818	.05735
R	LOOKOUT POINT-DEXTER	97	2015	2025	97	97	.05735
R	ALBENI FALLS		2015	2025	1,027	1,027	.05735

		Prtg.txt				
R	LIBBY	1,027	2016	2026	58	58 .05735
R	YAKIMA-CHANDLER	58	2016	2026	53	53 .05735
R	CHIEF JOSEPH	53	2017	2027	35	35 .05735
R	LOST CREEK	35	2017	2027	4	4 .05735
R	MINIDOKA	4	2017	2027	15	15 .05735
R	GREEN PETER-FOSTER	15	2017	2027	19	19 .05735
R	LITTLE GOOSE	19	2018	2028	955	955 .05735
R	LOWER MONUMENTAL	955	2019	2029	11	11 .05735
R	THE DALLES	11	2019	2029	1	1 .05735
R	JOHN DAY	1	2020	2030	37	37 .05735
R	LITTLE GOOSE	37	2021	2031	11	11 .05735
R	BONNEVILLE	11	2021	2031	100	100 .05735
R	ICE HARBOR	100	2022	2032	74	74 .05735
R	GREEN PETER-FOSTER	74	2015	2023	13	13 .05628
R	LOWER GRANITE	13	2015	2023	29	29 .05628
R	LOWER SNAKE F AND W	29	2015	2023	100	100 .05628
R	THE DALLES	100	2015	2023	64	64 .05628
R	LOWER MONUMENTAL	64	2017	2025	41	41 .05628
R	ICE HARBOR	41	2018	2026	24	24 .05628
R		24				

		Prtg.txt				
R	DETROIT-BIG CLIFF	2018	2026	28	28	.05628
	28					
R	MCNARY	2019	2027	55	55	.05628
	55					
R	LITTLE GOOSE	2019	2027	37	37	.05628
	37					
R	LOOKOUT POINT-DEXTER	2019	2027	5	5	.05628
	5					
R	COUGAR	2020	2028	3	3	.05628
	3					
R	DWORSHAK	2021	2029	35	35	.05628
	35					
R	GREEN PETER-FOSTER	2016	2023	16	16	.05575
	16					

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	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
	LOWER GRANITE		2017	2024	22	22	.05575
R		22					
	DETROIT-BIG CLIFF		2017	2024	4	4	.05575
R		4					
	MCNARY		2018	2025	26	26	.05575
R		26					
	LIBBY		2018	2025	58	58	.05575
R		58					
	BONNEVILLE		2018	2025	5	5	.05575

			Prtg.txt			
R	5	ICE HARBOR	2018	2025	14	14 .05575
R	14	LOWER SNAKE F AND W	2018	2025	523	523 .05575
R	523	LOOKOUT POINT-DEXTER	2018	2025	14	14 .05575
R	14	LOWER MONUMENTAL	2018	2025	21	21 .05575
R	21	JOHN DAY	2019	2026	4	4 .05575
R	4	LOST CREEK	2019	2026	1	1 .05575
R	1	LITTLE GOOSE	2020	2027	21	21 .05575
R	21	COUGAR	2020	2027	2	2 .05575
R	2	DWORSHAK	2022	2029	16	16 .05575
R	16	THE DALLES	2022	2029	43	43 .05575
R	43	LOWER SNAKE F AND W	2018	2023	44	44 .05440
R	44	THE DALLES	2019	2024	39	39 .05440
R	39	DETROIT-BIG CLIFF	2019	2024	2	2 .05440
R	2	JOHN DAY	2020	2025	25	25 .05440
R	25	BONNEVILLE	2021	2026	75	75 .05440
R	75					

TOTAL
598,137

2023		HUNGRY HORSE	2023	2058	2,936	2,936 .06183
R	2,936	LOWER SNAKE F AND W	2023	2063	6,594	6,594 .06183

		Prtg.txt				
R	6,594					
	LITTLE GOOSE	2023	2068	116	116	.06183
R	116					
	COLUMBIA BASIN	2023	2068	52,336	52,336	.06183
R	52,336					
	THE DALLES	2023	2073	5,240	5,240	.06183
R	5,240					
	DWORSHAK	2023	2073	1,604	1,604	.06183
R	1,604					
	THE DALLES	2023	2048	204	204	.06071
R	204					
	DWORSHAK	2023	2048	6,771	6,771	.06071
R	6,771					
	LOWER SNAKE F AND W	2023	2043	4,788	4,788	.05959
R	4,788					
	LOWER GRANITE	2023	2038	287	287	.05847
R	287					
	COLUMBIA BASIN	2023	2038	1,000	1,000	.05847
R	1,000					
	CHIEF JOSEPH	2023	2038	172	172	.05847
R	172					
	LOWER GRANITE	2023	2035	19	19	.05780
R	19					
	DWORSHAK	2023	2033	168	168	.05735
R	168					
	LOWER SNAKE F AND W	2023	2033	953	953	.05735
R	953					
	GREEN PETER-FOSTER	2023	2031	13	13	.05628
R	13					
	LOWER GRANITE	2023	2031	29	29	.05628
R	29					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	R	LOWER SNAKE F AND W 100	2023	2031	100	100	.05628
	R	THE DALLES 64	2023	2031	64	64	.05628
	R	GREEN PETER-FOSTER 16	2023	2030	16	16	.05575
	R	LOWER SNAKE F AND W 44	2023	2028	44	44	.05440
		----- TOTAL					
		83,454					
2024	R	DETROIT-BIG CLIFF 11,545	2024	2059	11,545	11,545	.06183
	R	DETROIT-BIG CLIFF 2,256	2024	2059	2,256	2,256	.06183
	R	LOWER MONUMENTAL 103	2024	2069	103	103	.06183
	R	COUGAR 64	2024	2044	64	64	.05959
	R	COUGAR 40	2024	2039	40	40	.05847
	R	DETROIT-BIG CLIFF 21	2024	2034	21	21	.05735
	R	LOWER GRANITE 22	2024	2031	22	22	.05575
	R	DETROIT-BIG CLIFF 4	2024	2031	4	4	.05575
	R	THE DALLES 39	2024	2029	39	39	.05440

		Prtg.txt				
R	DETROIT-BIG CLIFF	2024	2029	2	2	.05440
	2					

	TOTAL					
	14,096					
2025	MCNARY	2025	2060	58,031	58,031	.06183
R	58,031					
R	LOOKOUT POINT-DEXTER	2025	2060	9,624	9,624	.06183
	9,624					
R	LOOKOUT POINT-DEXTER	2025	2060	1,929	1,929	.06183
	1,929					
R	ALBENI FALLS	2025	2060	7,296	7,296	.06183
	7,296					
R	LIBBY	2025	2065	6,697	6,697	.06183
	6,697					
R	LOWER GRANITE	2025	2075	1,453	1,453	.06183
	1,453					
R	LOWER GRANITE	2025	2050	191	191	.06071
	191					
R	BONNEVILLE	2025	2037	131	131	.05780
	131					
R	LOWER GRANITE	2025	2035	818	818	.05735
	818					
R	MCNARY	2025	2035	150	150	.05735
	150					
R	LOOKOUT POINT-DEXTER	2025	2035	97	97	.05735
	97					
R	ALBENI FALLS	2025	2035	1,027	1,027	.05735
	1,027					
R	LOWER MONUMENTAL	2025	2033	41	41	.05628
	41					
R	LIBBY	2025	2032	58	58	.05575
	58					
R	MCNARY	2025	2032	26	26	.05575
	26					
R	ICE HARBOR	2025	2032	14	14	.05575
	14					

		Prtg.txt				
R	BONNEVILLE	2025	2032	5	5	.05575
	5					
R	LOWER MONUMENTAL	2025	2032	21	21	.05575
	21					
R	LOWER SNAKE F AND W	2025	2032	523	523	.05575
	523					
R	LOOKOUT POINT-DEXTER	2025	2032	14	14	.05575
	14					
R	JOHN DAY	2025	2030	25	25	.05440
	25					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	-----	-----					
	TOTAL	88,171					
2026	YAKIMA-CHANDLER		2026	2061	419	419	.06183
R	419						
R	LIBBY	2,841	2026	2076	2,841	2,841	.06183
R	ICE HARBOR	1,143	2026	2076	1,143	1,143	.06183
R	LIBBY	2,236	2026	2051	2,236	2,236	.06071

		Prtg.txt				
R	ICE HARBOR	2026	2051	39	39	.06071
	39					
R	DETROIT-BIG CLIFF	2026	2038	16	16	.05780
	16					
R	LIBBY	2026	2036	58	58	.05735
	58					
R	YAKIMA-CHANDLER	2026	2036	53	53	.05735
	53					
R	ICE HARBOR	2026	2034	24	24	.05628
	24					
R	DETROIT-BIG CLIFF	2026	2034	28	28	.05628
	28					
R	JOHN DAY	2026	2033	4	4	.05575
	4					
R	LOST CREEK	2026	2033	1	1	.05575
	1					
R	BONNEVILLE	2026	2031	75	75	.05440
	75					

TOTAL
6,937

2027	MINIDOKA	2027	2062	649	649	.06183
R	649					
R	CHIEF JOSEPH	2027	2062	48,910	48,910	.06183
	48,910					
R	COLUMBIA BASIN	2027	2067	39,088	39,088	.06183
	39,088					
R	BONNEVILLE	2027	2072	867	867	.06183
	867					
R	LOST CREEK	2027	2077	533	533	.06183
	533					
R	BONNEVILLE	2027	2077	370	370	.06183
	370					
R	BOISE	2027	2077	7,578	7,578	.06183
	7,578					
R	BONNEVILLE	2027	2052	13	13	.06071
	13					

		Prtg.txt				
R	LOST CREEK	2027	2052	147	147	.06071
	147					
R	BOISE	2027	2052	2,264	2,264	.06071
	2,264					
R	GREEN PETER-FOSTER	2027	2047	121	121	.05959
	121					
R	COLUMBIA BASIN	2027	2047	4,143	4,143	.05959
	4,143					
R	BOISE	2027	2047	124	124	.05959
	124					
R	GREEN PETER-FOSTER	2027	2042	875	875	.05847
	875					
R	BONNEVILLE	2027	2042	1,001	1,001	.05847
	1,001					
R	LOOKOUT POINT-DEXTER	2027	2039	36	36	.05780
	36					
R	MCNARY	2027	2039	93	93	.05780
	93					
R	ALBENI FALLS	2027	2039	112	112	.05780
	112					
R	CHIEF JOSEPH	2027	2037	35	35	.05735
	35					
R	GREEN PETER-FOSTER	2027	2037	19	19	.05735
	19					
R	LOST CREEK	2027	2037	4	4	.05735
	4					
R	MINIDOKA	2027	2037	15	15	.05735
	15					

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	PROJECT REPLACEMENT	AMOUNT	Prtg.txt IN-SERVICE	DUE	GROSS	NET	RATE
+							
	LITTLE GOOSE		2027	2035	37	37	.05628
R		37					
	LOOKOUT POINT-DEXTER		2027	2035	5	5	.05628
R		5					
	MCNARY		2027	2035	55	55	.05628
R		55					
	LITTLE GOOSE		2027	2034	21	21	.05575
R		21					
	COUGAR		2027	2034	2	2	.05575
R		2					

	TOTAL	107,117					
2028	YAKIMA-ROZA		2028	2063	57	57	.06183
R		57					
	LOWER SNAKE F AND W		2028	2073	985	985	.06183
R		985					
	LOWER GRANITE		2028	2078	1,517	1,517	.06183
R		1,517					
	LITTLE GOOSE		2028	2078	1,567	1,567	.06183
R		1,567					
	COLUMBIA BASIN		2028	2078	101,938	101,938	.06183
R		101,938					
	CHIEF JOSEPH		2028	2078	10,475	10,475	.06183
R		10,475					
	LITTLE GOOSE		2028	2053	35	35	.06071
R		35					
	HUNGRY HORSE		2028	2053	9,402	9,402	.06071
R		9,402					
	COLUMBIA BASIN		2028	2053	48,216	48,216	.06071
R		48,216					
	LOWER GRANITE		2028	2053	107	107	.06071

		Prtg.txt				
R	107 CHIEF JOSEPH	2028	2053	291	291	.06071
R	291 GREEN PETER-FOSTER	2028	2048	62	62	.05959
R	62 GREEN PETER-FOSTER	2028	2043	715	715	.05847
R	715 HUNGRY HORSE	2028	2043	411	411	.05847
R	411 LOWER SNAKE F AND W	2028	2043	1,030	1,030	.05847
R	1,030 LITTLE GOOSE	2028	2038	955	955	.05735
R	955 COUGAR	2028	2036	3	3	.05628
R	3 LOWER SNAKE F AND W	2028	2033	44	44	.05440
R	44					

TOTAL
177,810

2029	LOWER MONUMENTAL	2029	2059	226	226	.06183
R	226 THE DALLES	2029	2064	63,270	63,270	.06183
R	63,270 LOWER MONUMENTAL	2029	2079	1,535	1,535	.06183
R	1,535 LOWER MONUMENTAL	2029	2054	37	37	.06071
R	37 DETROIT-BIG CLIFF	2029	2054	555	555	.06071
R	555 DETROIT-BIG CLIFF	2029	2054	187	187	.06071
R	187 LOWER MONUMENTAL	2029	2049	283	283	.05959
R	283 DETROIT-BIG CLIFF	2029	2044	83	83	.05847
R	83 DETROIT-BIG CLIFF	2029	2044	266	266	.05847

		Prtg.txt				
R	266					
	LOWER MONUMENTAL	2029	2044	1,855	1,855	.05847
R	1,855					
	LOWER MONUMENTAL	2029	2039	11	11	.05735
R	11					
	THE DALLES	2029	2039	1	1	.05735
R	1					

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	DWORSHAK	35	2029	2037	35	35	.05628
R	DWORSHAK	16	2029	2036	16	16	.05575
R	THE DALLES	43	2029	2036	43	43	.05575
R	DETROIT-BIG CLIFF	2	2029	2034	2	2	.05440
R	THE DALLES	39	2029	2034	39	39	.05440
	TOTAL	68,444					
2030	JOHN DAY		2030	2060	486	486	.06183

		Prtg.txt				
R	486					
	MCNARY	2030	2055	839	839	.06071
R	839					
	LOOKOUT POINT-DEXTER	2030	2055	485	485	.06071
R	485					
	ALBENI FALLS	2030	2055	2,165	2,165	.06071
R	2,165					
	JOHN DAY	2030	2050	587	587	.05959
R	587					
	LIBBY	2030	2045	177	177	.05847
R	177					
	JOHN DAY	2030	2045	1,794	1,794	.05847
R	1,794					
	LOOKOUT POINT-DEXTER	2030	2045	392	392	.05847
R	392					
	MCNARY	2030	2045	420	420	.05847
R	420					
	LOOKOUT POINT-DEXTER	2030	2045	68	68	.05847
R	68					
	ALBENI FALLS	2030	2045	49	49	.05847
R	49					
	JOHN DAY	2030	2042	143	143	.05780
R	143					
	JOHN DAY	2030	2040	37	37	.05735
R	37					
	GREEN PETER-FOSTER	2030	2037	16	16	.05575
R	16					
	JOHN DAY	2030	2035	25	25	.05440
R	25					

TOTAL
7,683

2031	LITTLE GOOSE	2031	2061	222	222	.06183
R	222					
	BONNEVILLE	2031	2076	1,000	1,000	.06183
R	1,000					
	YAKIMA-CHANDLER	2031	2056	826	826	.06071

		Prtg.txt				
R	826					
	LITTLE GOOSE	2031	2051	409	409	.05959
R	409					
	YAKIMA-CHANDLER	2031	2046	22	22	.05847
R	22					
	LITTLE GOOSE	2031	2046	1,429	1,429	.05847
R	1,429					
	BONNEVILLE	2031	2046	2,309	2,309	.05847
R	2,309					
	LOWER SNAKE F AND W	2031	2043	478	478	.05780
R	478					
	THE DALLES	2031	2043	8	8	.05780
R	8					
	LITTLE GOOSE	2031	2041	11	11	.05735
R	11					
	BONNEVILLE	2031	2041	100	100	.05735
R	100					
	LOWER GRANITE	2031	2039	29	29	.05628
R	29					
	GREEN PETER-FOSTER	2031	2039	13	13	.05628
R	13					
	THE DALLES	2031	2039	64	64	.05628
R	64					
	LOWER SNAKE F AND W	2031	2039	100	100	.05628
R	100					

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____

	DETROIT-BIG CLIFF	2031	2038	4	4	.05575
R	4					
	LOWER GRANITE	2031	2038	22	22	.05575
R	22					
	BONNEVILLE	2031	2036	75	75	.05440
R	75					

	TOTAL					
	7,121					
2032	ICE HARBOR	2032	2067	15,452	15,452	.06183
R	15,452					
	HILLS CREEK	2032	2067	2,164	2,164	.06183
R	2,164					
	BOISE	2032	2067	851	851	.06183
R	851					
	BONNEVILLE	2032	2082	12,264	12,264	.06183
R	12,264					
	MINIDOKA	2032	2057	2,057	2,057	.06071
R	2,057					
	CHIEF JOSEPH	2032	2057	3,565	3,565	.06071
R	3,565					
	BONNEVILLE	2032	2057	3,842	3,842	.06071
R	3,842					
	MINIDOKA	2032	2047	112	112	.05847
R	112					
	CHIEF JOSEPH	2032	2047	1,214	1,214	.05847
R	1,214					
	BOISE	2032	2047	12	12	.05847
R	12					
	ICE HARBOR	2032	2042	74	74	.05735
R	74					
	LOWER MONUMENTAL	2032	2039	21	21	.05575
R	21					
	LOOKOUT POINT-DEXTER	2032	2039	14	14	.05575
R	14					

		Prtg.txt				
	BONNEVILLE	2032	2039	5	5	.05575
R	5					
	LIBBY	2032	2039	58	58	.05575
R	58					
	LOWER SNAKE F AND W	2032	2039	523	523	.05575
R	523					
	MCNARY	2032	2039	26	26	.05575
R	26					
	ICE HARBOR	2032	2039	14	14	.05575
R	14					

	TOTAL					
	42,268					
2033	HUNGRY HORSE	2033	2073	5,376	5,376	.06183
R	5,376					
	LOWER SNAKE F AND W	2033	2083	15,384	15,384	.06183
R	15,384					
	LOWER SNAKE F AND W	2033	2058	926	926	.06071
R	926					
	YAKIMA-ROZA	2033	2058	93	93	.06071
R	93					
	THE DALLES	2033	2053	1,765	1,765	.05959
R	1,765					
	HUNGRY HORSE	2033	2053	618	618	.05959
R	618					
	DWORSHAK	2033	2053	3,136	3,136	.05959
R	3,136					
	THE DALLES	2033	2048	1,664	1,664	.05847
R	1,664					
	YAKIMA-ROZA	2033	2048	2	2	.05847
R	2					
	DWORSHAK	2033	2048	2,687	2,687	.05847
R	2,687					
	DWORSHAK	2033	2045	49	49	.05780
R	49					
	LOWER SNAKE F AND W	2033	2043	953	953	.05735
R	953					

		Prtg.txt				
R	DWORSHAK	2033	2043	168	168	.05735
	168					
R	LOWER MONUMENTAL	2033	2041	41	41	.05628
	41					

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	JOHN DAY		2033	2040	4	4	.05575
R		4					
	LOST CREEK		2033	2040	1	1	.05575
R		1					
	LOWER SNAKE F AND W		2033	2038	44	44	.05440
R		44					
	TOTAL	32,911					
2034	COUGAR		2034	2069	2,270	2,270	.06183
R		2,270					
	DETROIT-BIG CLIFF		2034	2074	1,353	1,353	.06183
R		1,353					
	DETROIT-BIG CLIFF		2034	2074	4,385	4,385	.06183
R		4,385					
	THE DALLES		2034	2059	2,310	2,310	.06071
R		2,310					

		Prtg.txt				
R	DETROIT-BIG CLIFF	2034	2054	101	101	.05959
	101					
R	THE DALLES	2034	2049	1,145	1,145	.05847
	1,145					
R	DETROIT-BIG CLIFF	2034	2044	21	21	.05735
	21					
R	DETROIT-BIG CLIFF	2034	2042	28	28	.05628
	28					
R	ICE HARBOR	2034	2042	24	24	.05628
	24					
R	LITTLE GOOSE	2034	2041	21	21	.05575
	21					
R	COUGAR	2034	2041	2	2	.05575
	2					
R	DETROIT-BIG CLIFF	2034	2039	2	2	.05440
	2					
R	THE DALLES	2034	2039	39	39	.05440
	39					

TOTAL
11,701

2035	LOWER GRANITE	2035	2065	614	614	.06183
R	614					
R	MCNARY	2035	2075	29,776	29,776	.06183
	29,776					
R	LOOKOUT POINT-DEXTER	2035	2075	5,027	5,027	.06183
	5,027					
R	LOOKOUT POINT-DEXTER	2035	2075	2,090	2,090	.06183
	2,090					
R	ALBENI FALLS	2035	2075	547	547	.06183
	547					
R	LIBBY	2035	2085	4,423	4,423	.06183
	4,423					
R	LIBBY	2035	2060	238	238	.06071
	238					
R	LOOKOUT POINT-DEXTER	2035	2055	398	398	.05959
	398					

		Prtg.txt				
R	MCNARY	2035	2055	1,135	1,135	.05959
	1,135					
R	LOOKOUT POINT-DEXTER	2035	2055	32	32	.05959
	32					
R	LOWER GRANITE	2035	2055	937	937	.05959
	937					
R	ALBENI FALLS	2035	2055	796	796	.05959
	796					
R	LOWER GRANITE	2035	2050	2,330	2,330	.05847
	2,330					
R	LOWER GRANITE	2035	2047	19	19	.05780
	19					
R	LOOKOUT POINT-DEXTER	2035	2045	97	97	.05735
	97					
R	MCNARY	2035	2045	150	150	.05735
	150					
R	LOWER GRANITE	2035	2045	818	818	.05735
	818					
R	ALBENI FALLS	2035	2045	1,027	1,027	.05735
	1,027					
R	LITTLE GOOSE	2035	2043	37	37	.05628
	37					

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____
LOOKOUT POINT-DEXTER		2035	2043	5	5	.05628

		Prtg.txt				
	R	5				
		MCNARY	2035	2043	55	.05628
	R	55				
		JOHN DAY	2035	2040	25	.05440
	R	25				

		TOTAL				
		50,576				
2036		YAKIMA-CHANDLER	2036	2076	437	.06183
	R	437				
		YAKIMA-CHANDLER	2036	2056	79	.05959
	R	79				
		LIBBY	2036	2056	567	.05959
	R	567				
		ICE HARBOR	2036	2056	179	.05959
	R	179				
		LIBBY	2036	2051	1,612	.05847
	R	1,612				
		YAKIMA-CHANDLER	2036	2046	53	.05735
	R	53				
		LIBBY	2036	2046	58	.05735
	R	58				
		COUGAR	2036	2044	3	.05628
	R	3				
		DWORSHAK	2036	2043	16	.05575
	R	16				
		THE DALLES	2036	2043	43	.05575
	R	43				
		BONNEVILLE	2036	2041	75	.05440
	R	75				

		TOTAL				
		3,122				
2037		MINIDOKA	2037	2067	62	.06183
	R	62				

		Prtg.txt				
R	LOST CREEK	2037	2067	16	16	.06183
	16					
R	COLUMBIA BASIN	2037	2067	1,833	1,833	.06183
	1,833					
R	GREEN PETER-FOSTER	2037	2072	3,459	3,459	.06183
	3,459					
R	MINIDOKA	2037	2077	5,540	5,540	.06183
	5,540					
R	MINIDOKA	2037	2077	1,436	1,436	.06183
	1,436					
R	CHIEF JOSEPH	2037	2077	23,523	23,523	.06183
	23,523					
R	COLUMBIA BASIN	2037	2082	40,942	40,942	.06183
	40,942					
R	ICE HARBOR	2037	2062	1,454	1,454	.06071
	1,454					
R	HILLS CREEK	2037	2062	139	139	.06071
	139					
R	LOST CREEK	2037	2057	67	67	.05959
	67					
R	MINIDOKA	2037	2057	82	82	.05959
	82					
R	CHIEF JOSEPH	2037	2057	1,855	1,855	.05959
	1,855					
R	MINIDOKA	2037	2057	243	243	.05959
	243					
R	HILLS CREEK	2037	2052	438	438	.05847
	438					
R	MINIDOKA	2037	2052	75	75	.05847
	75					
R	COLUMBIA BASIN	2037	2052	741	741	.05847
	741					
R	ICE HARBOR	2037	2052	767	767	.05847
	767					
R	LOST CREEK	2037	2052	34	34	.05847
	34					
R	BONNEVILLE	2037	2049	131	131	.05780
	131					
R	MINIDOKA	2037	2047	15	15	.05735

R 15

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	GREEN PETER-FOSTER		2037	2047	19	19	.05735
R		19					
	LOST CREEK		2037	2047	4	4	.05735
R		4					
	CHIEF JOSEPH		2037	2047	35	35	.05735
R		35					
	DWORSHAK		2037	2045	35	35	.05628
R		35					
	GREEN PETER-FOSTER		2037	2044	16	16	.05575
R		16					
	TOTAL	82,961					
2038	COLUMBIA BASIN		2038	2068	2,058	2,058	.06183
R		2,058					
	GREEN PETER-FOSTER		2038	2073	1,703	1,703	.06183
R		1,703					
	YAKIMA-ROZA		2038	2078	111	111	.06183
R		111					
	LOWER GRANITE		2038	2058	287	287	.05959

		Prtg.txt				
R	287 LITTLE GOOSE	2038	2058	178	178	.05959
R	178 YAKIMA-ROZA	2038	2058	7	7	.05959
R	7 COLUMBIA BASIN	2038	2058	4,846	4,846	.05959
R	4,846 CHIEF JOSEPH	2038	2058	602	602	.05959
R	602 COLUMBIA BASIN	2038	2053	1,000	1,000	.05847
R	1,000 CHIEF JOSEPH	2038	2053	172	172	.05847
R	172 LOWER GRANITE	2038	2053	287	287	.05847
R	287 DETROIT-BIG CLIFF	2038	2050	16	16	.05780
R	16 LITTLE GOOSE	2038	2048	955	955	.05735
R	955 LOWER GRANITE	2038	2045	22	22	.05575
R	22 DETROIT-BIG CLIFF	2038	2045	4	4	.05575
R	4 LOWER SNAKE F AND W	2038	2043	44	44	.05440
R	44					

TOTAL
12,292

2039	LOWER MONUMENTAL	2039	2074	9,456	9,456	.06183
R	9,456 THE DALLES	2039	2079	39,948	39,948	.06183
R	39,948 COUGAR	2039	2064	120	120	.06071
R	120 LOWER MONUMENTAL	2039	2059	284	284	.05959
R	284 THE DALLES	2039	2059	1,126	1,126	.05959

		Prtg.txt				
R	1,126					
	COUGAR	2039	2054	40	40	.05847
R	40					
	MCNARY	2039	2051	93	93	.05780
R	93					
	LOOKOUT POINT-DEXTER	2039	2051	36	36	.05780
R	36					
	ALBENI FALLS	2039	2051	112	112	.05780
R	112					
	LOWER MONUMENTAL	2039	2049	11	11	.05735
R	11					
	THE DALLES	2039	2049	1	1	.05735
R	1					
	THE DALLES	2039	2047	64	64	.05628
R	64					
	LOWER GRANITE	2039	2047	29	29	.05628
R	29					
	LOWER SNAKE F AND W	2039	2047	100	100	.05628
R	100					

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(ALL AMOUNT IN \$1000)

PROJECT		IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT	AMOUNT					
+						
	GREEN PETER-FOSTER	2039	2047	13	13	.05628
R	13					
	LIBBY	2039	2046	58	58	.05575
R	58					

			Prtg.txt			
	R	ICE HARBOR	2039	2046	14	.05575
		14				
	R	LOOKOUT POINT-DEXTER	2039	2046	14	.05575
		14				
	R	MCNARY	2039	2046	26	.05575
		26				
	R	LOWER MONUMENTAL	2039	2046	21	.05575
		21				
	R	BONNEVILLE	2039	2046	5	.05575
		5				
	R	LOWER SNAKE F AND W	2039	2046	523	.05575
		523				
	R	THE DALLES	2039	2044	39	.05440
		39				
	R	DETROIT-BIG CLIFF	2039	2044	2	.05440
		2				

		TOTAL				
		52,135				
2040	R	JOHN DAY	2040	2075	41,671	.06183
		41,671				
	R	JOHN DAY	2040	2050	37	.05735
		37				
	R	LOST CREEK	2040	2047	1	.05575
		1				
	R	JOHN DAY	2040	2047	4	.05575
		4				
	R	JOHN DAY	2040	2045	25	.05440
		25				

		TOTAL				
		41,738				
2041	R	LITTLE GOOSE	2041	2076	11,539	.06183
		11,539				
	R	BONNEVILLE	2041	2091	19,307	.06183

			Prtg.txt			
R	19,307					
	BONNEVILLE	2041	2066	2,324	2,324	.06071
R	2,324					
	BONNEVILLE	2041	2061	557	557	.05959
R	557					
	BONNEVILLE	2041	2051	100	100	.05735
R	100					
	LITTLE GOOSE	2041	2051	11	11	.05735
R	11					
	LOWER MONUMENTAL	2041	2049	41	41	.05628
R	41					
	LITTLE GOOSE	2041	2048	21	21	.05575
R	21					
	COUGAR	2041	2048	2	2	.05575
R	2					
	BONNEVILLE	2041	2046	75	75	.05440
R	75					

TOTAL
33,977

2042	ICE HARBOR	2042	2082	10,637	10,637	.06183
R	10,637					
	HILLS CREEK	2042	2082	1,450	1,450	.06183
R	1,450					
	MINIDOKA	2042	2067	1,722	1,722	.06071
R	1,722					
	GREEN PETER-FOSTER	2042	2067	401	401	.06071
R	401					
	ICE HARBOR	2042	2062	1,333	1,333	.05959
R	1,333					
	HILLS CREEK	2042	2062	45	45	.05959
R	45					
	GREEN PETER-FOSTER	2042	2057	875	875	.05847
R	875					
	BONNEVILLE	2042	2057	1,001	1,001	.05847
R	1,001					

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GENERATION FY 1998

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	JOHN DAY	143	2042	2054	143	143	.05780
R	ICE HARBOR	74	2042	2052	74	74	.05735
R	DETROIT-BIG CLIFF	28	2042	2050	28	28	.05628
R	ICE HARBOR	24	2042	2050	24	24	.05628
	TOTAL	17,733					
2043	LOWER SNAKE F AND W	2,033	2043	2073	2,033	2,033	.06183
R	HUNGRY HORSE	415	2043	2073	415	415	.06183
R	THE DALLES	17,420	2043	2078	17,420	17,420	.06183
R	DWORSHAK	11,384	2043	2078	11,384	11,384	.06183
R	HUNGRY HORSE	5,902	2043	2088	5,902	5,902	.06183
R	GREEN PETER-FOSTER		2043	2068	145	145	.06071

			Prtg.txt			
R	145					
	LOWER SNAKE F AND W	2043	2063	4,788	4,788	.05959
R	4,788					
	LOWER SNAKE F AND W	2043	2058	1,030	1,030	.05847
R	1,030					
	HUNGRY HORSE	2043	2058	411	411	.05847
R	411					
	GREEN PETER-FOSTER	2043	2058	715	715	.05847
R	715					
	THE DALLES	2043	2055	8	8	.05780
R	8					
	LOWER SNAKE F AND W	2043	2055	478	478	.05780
R	478					
	LOWER SNAKE F AND W	2043	2053	953	953	.05735
R	953					
	DWORSHAK	2043	2053	168	168	.05735
R	168					
	LOOKOUT POINT-DEXTER	2043	2051	5	5	.05628
R	5					
	MCNARY	2043	2051	55	55	.05628
R	55					
	LITTLE GOOSE	2043	2051	37	37	.05628
R	37					
	DWORSHAK	2043	2050	16	16	.05575
R	16					
	THE DALLES	2043	2050	43	43	.05575
R	43					
	LOWER SNAKE F AND W	2043	2048	44	44	.05440
R	44					

TOTAL
46,050

2044	COUGAR	2044	2084	1,423	1,423	.06183
R	1,423					
	LOWER MONUMENTAL	2044	2069	783	783	.06071
R	783					
	COUGAR	2044	2064	64	64	.05959

		Prtg.txt				
R	64					
	DETROIT-BIG CLIFF	2044	2059	266	266	.05847
R	266					
	DETROIT-BIG CLIFF	2044	2059	83	83	.05847
R	83					
	LOWER MONUMENTAL	2044	2059	1,855	1,855	.05847
R	1,855					
	DETROIT-BIG CLIFF	2044	2054	21	21	.05735
R	21					
	COUGAR	2044	2052	3	3	.05628
R	3					
	GREEN PETER-FOSTER	2044	2051	16	16	.05575
R	16					
	DETROIT-BIG CLIFF	2044	2049	2	2	.05440
R	2					
	THE DALLES	2044	2049	39	39	.05440
R	39					

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----

	TOTAL					
	4,555					
2045	LOWER GRANITE	2045	2080	7,772	7,772	.06183

			Prtg.txt			
R		7,772				
	JOHN DAY		2045	2070	3,181	3,181 .06071
R		3,181				
	MCNARY		2045	2060	420	420 .05847
R		420				
	LOOKOUT POINT-DEXTER		2045	2060	392	392 .05847
R		392				
	LOOKOUT POINT-DEXTER		2045	2060	68	68 .05847
R		68				
	LIBBY		2045	2060	177	177 .05847
R		177				
	JOHN DAY		2045	2060	1,794	1,794 .05847
R		1,794				
	ALBENI FALLS		2045	2060	49	49 .05847
R		49				
	DWORSHAK		2045	2057	49	49 .05780
R		49				
	LOWER GRANITE		2045	2055	818	818 .05735
R		818				
	MCNARY		2045	2055	150	150 .05735
R		150				
	LOOKOUT POINT-DEXTER		2045	2055	97	97 .05735
R		97				
	ALBENI FALLS		2045	2055	1,027	1,027 .05735
R		1,027				
	DWORSHAK		2045	2053	35	35 .05628
R		35				
	DETROIT-BIG CLIFF		2045	2052	4	4 .05575
R		4				
	LOWER GRANITE		2045	2052	22	22 .05575
R		22				
	JOHN DAY		2045	2050	25	25 .05440
R		25				

TOTAL
16,080

2046 YAKIMA-CHANDLER 2046 2076 53 53 .06183

		Prtg.txt				
R	LIBBY	53	2046	2081	8,915	8,915 .06183
R	ICE HARBOR	8,915	2046	2081	5,930	5,930 .06183
R	BONNEVILLE	5,930	2046	2081	65,863	65,863 .06183
R	YAKIMA-CHANDLER	65,863	2046	2091	677	677 .06183
R	LITTLE GOOSE	677	2046	2071	897	897 .06071
R	LITTLE GOOSE	897	2046	2061	1,429	1,429 .05847
R	YAKIMA-CHANDLER	1,429	2046	2061	22	22 .05847
R	BONNEVILLE	22	2046	2061	2,309	2,309 .05847
R	LIBBY	2,309	2046	2056	58	58 .05735
R	YAKIMA-CHANDLER	58	2046	2056	53	53 .05735
R	LOWER MONUMENTAL	53	2046	2053	21	21 .05575
R	MCNARY	21	2046	2053	26	26 .05575
R	LOOKOUT POINT-DEXTER	26	2046	2053	14	14 .05575
R	ICE HARBOR	14	2046	2053	14	14 .05575
R	LOWER SNAKE F AND W	14	2046	2053	523	523 .05575
R	BONNEVILLE	523	2046	2053	5	5 .05575
R	LIBBY	5	2046	2053	58	58 .05575
R		58				

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96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	BONNEVILLE	75	2046	2051	75	75	.05440
	R						

	TOTAL	86,942					
2047	MINIDOKA	77	2047	2077	77	77	.06183
	R						
	BOISE	58	2047	2077	58	58	.06183
	R						
	LOST CREEK	1,397	2047	2082	1,397	1,397	.06183
	R						
	BONNEVILLE	47	2047	2082	47	47	.06183
	R						
	GREEN PETER-FOSTER	1,788	2047	2087	1,788	1,788	.06183
	R						
	BOISE	702	2047	2087	702	702	.06183
	R						
	MINIDOKA	3,517	2047	2092	3,517	3,517	.06183
	R						
	COLUMBIA BASIN	131,531	2047	2097	131,531	131,531	.06183
	R						
	COLUMBIA BASIN	41,000	2047	2072	41,000	41,000	.06071
	R						
	GREEN PETER-FOSTER	121	2047	2067	121	121	.05959
	R						

		Prtg.txt				
	COLUMBIA BASIN	2047	2067	4,143	4,143	.05959
R	4,143					
	BOISE	2047	2067	124	124	.05959
R	124					
	CHIEF JOSEPH	2047	2062	1,214	1,214	.05847
R	1,214					
	MINIDOKA	2047	2062	112	112	.05847
R	112					
	BOISE	2047	2062	12	12	.05847
R	12					
	LOWER GRANITE	2047	2059	19	19	.05780
R	19					
	GREEN PETER-FOSTER	2047	2057	19	19	.05735
R	19					
	LOST CREEK	2047	2057	4	4	.05735
R	4					
	CHIEF JOSEPH	2047	2057	35	35	.05735
R	35					
	MINIDOKA	2047	2057	15	15	.05735
R	15					
	LOWER GRANITE	2047	2055	29	29	.05628
R	29					
	THE DALLES	2047	2055	64	64	.05628
R	64					
	LOWER SNAKE F AND W	2047	2055	100	100	.05628
R	100					
	GREEN PETER-FOSTER	2047	2055	13	13	.05628
R	13					
	JOHN DAY	2047	2054	4	4	.05575
R	4					
	LOST CREEK	2047	2054	1	1	.05575
R	1					

	TOTAL					
	186,146					
2048	YAKIMA-ROZA	2048	2078	4	4	.06183
R	4					

		Prtg.txt				
R	LOWER GRANITE	2048	2083	9,154	9,154	.06183
	9,154					
R	LITTLE GOOSE	2048	2083	9,004	9,004	.06183
	9,004					
R	COLUMBIA BASIN	2048	2083	48,056	48,056	.06183
	48,056					
R	CHIEF JOSEPH	2048	2083	59,286	59,286	.06183
	59,286					
R	GREEN PETER-FOSTER	2048	2088	1,537	1,537	.06183
	1,537					
R	YAKIMA-ROZA	2048	2093	184	184	.06183
	184					
R	DWORSHAK	2048	2073	6,771	6,771	.06071
	6,771					

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APPLICATION OF AMORTIZATION GENERATION FY 1998 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
R	THE DALLES	2048	2073	204	204	.06071
	204					
R	GREEN PETER-FOSTER	2048	2068	62	62	.05959
	62					
R	YAKIMA-ROZA	2048	2063	2	2	.05847
	2					
R	DWORSHAK	2048	2063	2,687	2,687	.05847
	2,687					
R	THE DALLES	2048	2063	1,664	1,664	.05847

			Prtg.txt			
R	1,664					
	LITTLE GOOSE	2048	2058	955	955	.05735
R	955					
	COUGAR	2048	2055	2	2	.05575
R	2					
	LITTLE GOOSE	2048	2055	21	21	.05575
R	21					
	LOWER SNAKE F AND W	2048	2053	44	44	.05440
R	44					

TOTAL
139,637

0 GRAND TOTAL
7,537,299
0 TOTAL DEFERRAL
0

0 NET
7,537,299

1
1 INPUT CARDS ONLY
N1 REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL
N2 OCTOBER 1,1998 - SEPTEMBER 30,1999 COST EVALUATION PERIOD
N3 REPAY 99 GS6 - GENERATION, FINAL, 1996 RATE CASE DEBT BUYOUT
N0 GENERATION

11996	0	0	780762	199920492049
0	HISTORICAL YEAR: 1996			
	HISTORICAL CUMULATIVE REVENUES: 0			
	HISTORICAL CUMULATIVE PURCHASE & EXCHANGE: 0			
	HISTORICAL CUMULATIVE IRRIGATION INVESTMENT: 780762			
	YEAR OF THE RATE CHANGE: 1999			
	LAST YEAR OF REPAYMENT PERIOD: 2049			

INTEREST RATES OF INTEREST INCOME

1X07495 07492 07449

INTEREST RATES OF NEW DEFERRALS

1Y06500 06250 06000

OPERATING YEAR FACTORS

1F75000 75000 75000

PROJECTED REVENUE

21997	1101765	1122081	1033376	1033376	1033376	1033376	1033376	7390726
22003	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22010	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22017	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22024	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22031	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22038	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22045	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
	8335397	8355713	8267008	8267008	8267008	8267008	8267008	58026150 = TOT

AL FOR 2

PROJECTED IRRIGATION ASSISTANCE

	NEW INVESTMENT	NEW INVESTMENT	NEW INVESTMENT	
31997	0	0	0	0
31999	0	0	0	0
32002	0	0	0	0
32005	0	0	0	0
32008	0	6942	6566	13508
32011	3476	19793	37530	60799
32014	5107	5394	35253	45754
32017	51187	10902	21258	83347
32020	39207	39049	29080	107336
32023	41806	20037	33228	95071
32026	32228	33386	44797	110411

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32029	29963	29963	30120	90046
32032	40424	40424	29207	110055
32035	28549	28708	29310	86567
32038	29311	33835	33836	96982
32041	34694	34695	32941	102330
32044	32941	33099	39725	105765
32046	39883	39883		79766
	408776	376110	402851	1187737 = TOT

AL FOR 3

CAPITALIZED CONTRACTUAL OBLIGATIONS

41997	564891	586918	657860	662197	657559	610182	684195	4423802
42004	615366	579383	596701	613184	613324	595612	595932	4209502
42011	595065	588960	392750	393186	390224	369370	261056	2990611
42018	90083	261676	261681	258742	259241	259464	245999	1636886
42025	245107	244551	244551	244551	244551	243551	243551	1710413
42032	243551	243551	243551	243551	243551	243551	243551	1704857
42039	243551	243551	243551	243551	243551	243551	243551	1704857
42046	243551	243551	243551	243551				974204
	2841165	2992141	2884196	2902513	2652001	2565281	2517835	19355132 = TOT

AL FOR 4

5	ALBE	ALBENI FALLS
5	BOIS	BOISE
5	BON2	BONNEVILLE - 2ND POWER HOUSE
5	BONN	BONNEVILLE
5	CHIE	CHIEF JOSEPH
5	COL3	COLUMBIA BASIN - 3RD PWR HOUSE
5	COLU	COLUMBIA BASIN
5	COUG	COUGAR
5	CRFB	COLUMBIA RIVER FISH MITIGATION
5	DETR	DETROIT-BIG CLIFF
5	DWOR	DWORSHAK
5	GREE	GREEN PETER-FOSTER
5	HILL	HILLS CREEK
5	HUNG	HUNGRY HORSE

	Prtg.txt
5	ICEF ICE HARBOR FISH BYPASS
5	ICEH ICE HARBOR
5	JOHN JOHN DAY
5	LIBB LIBBY
5	LITF LITTLE GOOSE FISH BYPASS
5	LITT LITTLE GOOSE
5	LOGF LOWER GRANITE FISH BYPASS
5	LOMF LOWER MONUMENTAL FISH BYPASS
5	LOOK LOOKOUT POINT-DEXTER
5	LOST LOST CREEK
5	LOWG LOWER GRANITE
5	LOWM LOWER MONUMENTAL
5	LSFW LOWER SNAKE F AND W
5	MCNA MCNARY
5	MCNF MCNARY FISH BYPASS
5	MINI MINIDOKA
5	STRU STRUBE
5	THED THE DALLES
5	YAKC YAKIMA-CHANDLER
5	YAKR YAKIMA-ROZA
5	ZABF BPA PROGRAM
5	ZACO BPA CONSERVATION
5	ZADB BUREAU DIRECT FUND
5	ZAFW FISH, WILDLIFE & ENVIRONMENTAL
5	ZBPA BONNEVILLE POWER ADMINISTRATION
5	ZIRR IRRIGATION ASSISTANCE

HISTORICAL				
	O & M	INTEREST		
5	ALBEX	43638	27935	71573
5	BOISX	35564	1171	36735
5	BONNX	149194	379685	528879
5	CHIEX	147058	325150	472208
5	COLUX	412704	493414	906118
5	COUGX	7849	13639	21488
5	CRFBX	0	7837	7837
5	DETRX	26797	35515	62312
5	DWORX	81063	173035	254098
5	GREEX	23532	35008	58540

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5	HILLX	7597	14019	21616
5	HUNGX	33399	48448	81847
5	ICEHX	62792	100291	163083
5	JOHNX	121309	261142	382451
5	LIBBX	51137	253192	304329
5	LITTX	61336	147440	208776
5	LOOKX	30917	43160	74077
5	LOSTX	13786	15568	29354
5	LOWGX	80412	198210	278622
5	LOWMX	59475	161593	221068
5	LSFWX	97877	95714	193591
5	MCNAX	158849	237110	395959
5	MINIX	75561	2758	78319
5	THEDX	116284	226372	342656
5	YAKCX	18578	2811	21389
5	YAKRX	8509	824	9333
5	ZBPAX	0	0	0
5	ZACOX	0	0	0
		1925217	3301041	5226258 = TOT

AL FOR 5

PROJECTED O & M

61996ALBE	152269
61997ALBE	3843
61998ALBE	3945
61999ALBE	4058
61997BOIS	1944
61998BOIS	2064
61999BOIS	2176
61997BONN	10575
61998BONN	10858
61999BONN	11170
61997CHIE	10596
61998CHIE	10879
61999CHIE	11191
61997COLU	28999
61998COLU	30756
61999COLU	31809

61997COUG	588
61998COUG	604
61999COUG	621
61997DETR	1786
61998DETR	1834
61999DETR	1887
61997DWOR	6844
61998DWOR	7024
61999DWOR	7226
61997GREE	1763
61998GREE	1810
61999GREE	1861
61997HILL	488
61998HILL	501
61999HILL	515
61997HUNG	1088
61998HUNG	1158
61999HUNG	1198
61997ICEH	5001
61998ICEH	5132
61999ICEH	5279
61997JOHN	9874
61998JOHN	10138
61999JOHN	10429
61997LIBB	3380
61998LIBB	3470
61999LIBB	3569
61997LITT	4085
61998LITT	4194
61999LITT	4314
61997LOOK	2233
61998LOOK	2293
61999LOOK	2358
61997LOST	1388
61998LOST	1425
61999LOST	1466
61997LOWG	5843
61998LOWG	5999
61999LOWG	6171

61997LOWM	6202
61998LOWM	6367
61999LOWM	6550
61997LSFW	15384
61998LSFW	16082
61999LSFW	16879
61997MCNA	9745
61998MCNA	10005
61999MCNA	10292
61997MINI	3703
61998MINI	3979
61999MINI	4117
61997THED	8014
61998THED	8228
61999THED	8464
61997YAKC	483
61998YAKC	517
61999YAKC	544
61997YAKR	754
61998YAKR	798
61999YAKR	926
	602002

602002 = TOT

AL FOR 6

61994ZABF	0
	0

0 = TOT

AL FOR 6

HISTORICAL FEDERAL INVESTMENTS

			ORIGINAL	CURRENT	INTEREST	DUE	INSERVICE	CALENDAR
	PROJECT		PRINCIPAL	PRINCIPAL	RATE	DATE	DATE	MONTH
6	1996	ALBE X	26590	17950	.06050	2005	1955	
6	1996	ALBE X	12	12	.06050	2005 R	1956	
6	1996	ALBE X	11	11	.06050	2005 R	1957	

Prtg.txt

6	1996	ALBE X	12	12	.06050	2005 R	1958
6	1996	ALBE X	12	12	.06050	2005 R	1959
6	1996	ALBE X	11	11	.06050	2005 R	1960
6	1996	ALBE X	12	12	.06050	2005 R	1961
6	1996	ALBE X	12	12	.06050	2005 R	1962
6	1996	ALBE X	11	11	.06050	2005 R	1963
6	1996	ALBE X	12	12	.06050	2005 R	1964
6	1996	ALBE X	12	12	.06050	2005 R	1965
6	1996	ALBE X	11	11	.06050	2005 R	1966
6	1996	ALBE X	12	12	.06050	2005 R	1967
6	1996	ALBE X	12	12	.06050	2005 R	1968
6	1996	ALBE X	11	11	.06050	2005 R	1969
6	1996	ALBE X	12	12	.06050	2005 R	1970
6	1996	ALBE X	12	12	.06050	2005 R	1971
6	1996	ALBE X	11	11	.06050	2005 R	1972
6	1996	ALBE X	12	12	.06050	2005 R	1973
6	1996	ALBE X	12	12	.06050	2005 R	1974
6	1996	ALBE X	11	11	.06050	2005 R	1975
6	1996	ALBE X	12	12	.06050	2005 R	1976
6	1996	ALBE X	12	12	.06050	2005 R	1977
6	1996	ALBE X	11	11	.06050	2005 R	1978
6	1996	ALBE X	12	12	.06050	2005 R	1979
6	1996	ALBE X	12	12	.06050	2005 R	1980
6	1996	ALBE X	11	11	.06050	2005 R	1981
6	1996	ALBE X	12	12	.06050	2005 R	1982
6	1996	ALBE X	12	12	.06050	2005 R	1983
6	1996	ALBE X	7	7	.06050	2005	1985
6	1996	ALBE X	312	312	.06050	2005	1986
6	1996	ALBE X	15	0	.08875	2005 R	1987
6	1996	ALBE X	12	12	.06050	2005	1987
6	1996	ALBE X	328	0	.08500	2005 R	1988
6	1996	ALBE X	221	0	.09250	2005 R	1989
6	1996	ALBE X	1287	0	.08875	2005	1990
6	1996	ALBE X	43	0	.08750	2005 R	1991
6	1996	ALBE X	111	0	.08750	2005	1991
6	1996	ALBE X	7	0	.08500	2005 R	1992
6	1996	ALBE X	106	0	.08500	2005	1992
6	1996	ALBE X	714	0	.07875	2005 R	1993
6	1996	ALBE X	295	0	.07875	2005	1993

						Prtg.txt			
6	1996	ALBE	X	61	0	.07125	2019	R	1994
6	1996	ALBE	X	173	0	.07125	2019		1994
6	1996	ALBE	X	1158	1158	.06490	2045		1995
6	1996	ALBE	X	57	57	.06180	2010		1995
6	1996	ALBE	X	550	550	.06490	2045		1995
6	1996	ALBE	X	18	18	.06180	2010		1995
6	1996	ALBE	X	461	461	.06490	2045		1995
6	1996	BOIS	X	1249	0	.03000	1962		1912
6	1996	BOIS	X	832	0	.03000	1976		1926
6	1996	BOIS	X	416	0	.03000	2000		1950
6	1996	BOIS	X	1873	0	.03000	2001		1951
6	1996	BOIS	X	11	0	.03000	2001	R	1952
6	1996	BOIS	X	11	0	.03000	2001	R	1953
6	1996	BOIS	X	11	0	.03000	2001	R	1954
6	1996	BOIS	X	11	0	.03000	2001	R	1955
6	1996	BOIS	X	11	0	.03000	2001	R	1956
6	1996	BOIS	X	11	0	.03000	2001	R	1957
6	1996	BOIS	X	11	0	.03000	2001	R	1958
6	1996	BOIS	X	11	0	.03000	2001	R	1959
6	1996	BOIS	X	11	0	.03000	2001	R	1960
6	1996	BOIS	X	11	0	.03000	2001	R	1961
6	1996	BOIS	X	11	0	.03000	2001	R	1962
6	1996	BOIS	X	11	0	.03000	2001	R	1963
6	1996	BOIS	X	11	0	.03000	2001	R	1964
6	1996	BOIS	X	11	0	.03000	2001	R	1965
6	1996	BOIS	X	11	0	.03000	2001	R	1966
6	1996	BOIS	X	11	0	.03000	2001	R	1967
6	1996	BOIS	X	11	0	.03000	2001	R	1968
6	1996	BOIS	X	11	0	.03000	2001	R	1969
6	1996	BOIS	X	11	0	.03000	2001	R	1970
6	1996	BOIS	X	11	0	.03000	2001	R	1971
6	1996	BOIS	X	11	0	.03000	2001	R	1972
6	1996	BOIS	X	11	0	.03000	2001	R	1973
6	1996	BOIS	X	11	0	.03000	2001	R	1974
6	1996	BOIS	X	11	0	.03000	2001	R	1975
6	1996	BOIS	X	11	0	.03000	2001	R	1976
6	1996	BOIS	X	11	0	.03000	2001	R	1977
6	1996	BOIS	X	11	0	.03000	2001	R	1978
6	1996	BOIS	X	11	0	.03000	2001	R	1979

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6	1996	BOIS	X	18	0	.03000	2001 R	1980
6	1996	BOIS	X	8	0	.03000	2001 R	1981
6	1996	BOIS	X	1	0	.03000	2001 R	1982
6	1996	BOIS	X	1	0	.03000	2001 R	1983
6	1996	BOIS	X	1325	0	.10750	2001 R	1984
6	1996	BOIS	X	107	93	.05810	2001	1986
6	1996	BOIS	X	3	0	.08500	2001	1988
6	1996	BOIS	X	3264	0	.09250	2001 R	1989
6	1996	BOIS	X	38	0	.08875	2001 R	1990
6	1996	BOIS	X	50	0	.08750	2001 R	1991
6	1996	BOIS	X	418	0	.07875	2001	1993
6	1996	BOIS	X	7	0	.07125	1999 R	1994
6	1996	BOIS	X	1	0	.07125	2000	1995
6	1996	BON2	X	45122	45122	.06490	2031 A	1981
6	1996	BON2	X	224281	224281	.06490	2032 A	1982
6	1996	BON2	X	68791	68791	.06490	2033 A	1983
6	1996	BON2	X	10072	10072	.06490	2033 A	1985
6	1996	BON2	X	33705	33705	.06490	2033 A	1986
6	1996	BON2	X	3088	3088	.06490	2033 A	1987
6	1996	BON2	X	1402	1402	.06490	2033 A	1988
6	1996	BON2	X	1357	1357	.06490	2033 A	1989
6	1996	BON2	X	1750	1750	.06490	2033 A	1990
6	1996	BON2	X	3998	0	.08750	2033 A	1991
6	1996	BON2	X	26	0	.08750	2033 R	1991
6	1996	BON2	X	2446	0	.08500	2033 A	1992
6	1996	BON2	X	3668	0	.07875	2033 A	1993
6	1996	BON2	X	6242	6242	.06490	2044 A	1994
6	1996	BONN	X	11726	0	.02500	1988	1938
6	1996	BONN	X	17589	0	.02500	1991	1941
6	1996	BONN	X	5863	0	.02500	1992	1942
6	1996	BONN	X	17589	0	.02500	1993	1943
6	1996	BONN	X	5860	0	.02500	1994	1944
6	1996	BONN	X	82	0	.02500	1994 R	1945
6	1996	BONN	X	81	0	.02500	1994 R	1946
6	1996	BONN	X	82	0	.02500	1994 R	1947
6	1996	BONN	X	81	0	.02500	1994 R	1948
6	1996	BONN	X	82	0	.02500	1994 R	1949
6	1996	BONN	X	81	0	.02500	1994 R	1950
6	1996	BONN	X	81	0	.02500	1994 R	1951

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6	1996	BONN	X	82	0	.02500	1994 R 1952
6	1996	BONN	X	81	0	.02500	1994 R 1953
6	1996	BONN	X	82	0	.02500	1994 R 1954
6	1996	BONN	X	81	0	.02500	1994 R 1955
6	1996	BONN	X	81	0	.02500	1994 R 1956
6	1996	BONN	X	82	0	.02500	1994 R 1957
6	1996	BONN	X	81	0	.02500	1994 R 1958
6	1996	BONN	X	82	0	.02500	1994 R 1959
6	1996	BONN	X	81	0	.02500	1994 R 1960
6	1996	BONN	X	81	0	.02500	1994 R 1961
6	1996	BONN	X	82	0	.02500	1994 R 1962
6	1996	BONN	X	81	0	.02500	1994 R 1963
6	1996	BONN	X	82	0	.02500	1994 R 1964
6	1996	BONN	X	81	0	.02500	1994 R 1965
6	1996	BONN	X	81	0	.02500	1994 R 1966
6	1996	BONN	X	82	0	.02500	1994 R 1967
6	1996	BONN	X	81	0	.02500	1994 R 1968
6	1996	BONN	X	82	0	.02500	1994 R 1969
6	1996	BONN	X	81	0	.02500	1994 R 1970
6	1996	BONN	X	81	0	.02500	1994 R 1971
6	1996	BONN	X	82	0	.02500	1994 R 1972
6	1996	BONN	X	81	0	.02500	1994 R 1973
6	1996	BONN	X	82	0	.02500	1994 R 1974
6	1996	BONN	X	81	0	.02500	1994 R 1975
6	1996	BONN	X	81	0	.02500	1994 R 1976
6	1996	BONN	X	17225	17225	.06490	2027 B 1977
6	1996	BONN	X	82	0	.02500	1994 R 1977
6	1996	BONN	X	81	0	.02500	1994 R 1978
6	1996	BONN	X	82	0	.02500	1994 R 1979
6	1996	BONN	X	81	0	.02500	1994 R 1980
6	1996	BONN	X	81	0	.02500	1994 R 1981
6	1996	BONN	X	82	0	.02500	1994 R 1982
6	1996	BONN	X	81	0	.02500	1994 R 1983
6	1996	BONN	X	873	0	.10750	1994 R 1984
6	1996	BONN	X	119	0	.02500	1994 1985
6	1996	BONN	X	454	0	.11375	1994 R 1986
6	1996	BONN	X	555	0	.02500	1994 1986
6	1996	BONN	X	26	0	.08875	1994 R 1987
6	1996	BONN	X	260	0	.02500	1994 1987

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6	1996	BONN	X	4199		0	.08500	1994		1988	
6	1996	BONN	X	10		0	.08500	1994	R	1988	
6	1996	BONN	X	877		0	.09250	1994	R	1989	
6	1996	BONN	X	519		0	.08875	1994	R	1990	
6	1996	BONN	X	651		0	.08875	1994	A	1990	
6	1996	BONN	X	35		0	.08750	1994	R	1991	
6	1996	BONN	X	3193		0	.08750	1994		1991	
6	1996	BONN	X	99		0	.08500	1994	R	1992	
6	1996	BONN	X	25		0	.08500	1994		1992	
6	1996	BONN	X	5011		0	.07875	2018		1993	
6	1996	BONN	X	536		0	.07125	2029	A	1994	
6	1996	BONN	X	3953	3953		.06490	2045		1995	
6	1996	BONN	X	425	425		.06490	2045		1995	
6	1996	BONN	X	60	60		.06490	2030		1995	
6	1996	BONN	X	9	0		.08500	2000		1995	
6	1996	BONN	X	345	345		.06490	2045	R	1995	
6	1996	BONN	X	26	26		.06180	2010		1995	
6	1996	BONN	X	432	432		.06490	2045	R	1995	
6	1996	BONN	X	113	113		.06490	2035		1995	
6	1996	BONN	X	496	496		.06490	2045		1995	
6	1996	BONN	X	22	22		.06380	2020	R	1995	
6	1996	BONN	X	23	23		.06380	2020	R	1995	
6	1996	CHIE	X	28460	2409		.06050	2005		1955	
6	1996	CHIE	X	14590	14590		.06110	2006		1956	
6	1996	CHIE	X	42597	42597		.06130	2007		1957	
6	1996	CHIE	X	34568	34568		.06150	2008		1958	
6	1996	CHIE	X	242	242		.06150	2008	R	1959	
6	1996	CHIE	X	242	242		.06150	2008	R	1960	
6	1996	CHIE	X	242	242		.06150	2008	R	1961	
6	1996	CHIE	X	242	242		.06150	2008	R	1962	
6	1996	CHIE	X	243	243		.06150	2008	R	1963	
6	1996	CHIE	X	242	242		.06150	2008	R	1964	
6	1996	CHIE	X	242	242		.06150	2008	R	1965	
6	1996	CHIE	X	242	242		.06150	2008	R	1966	
6	1996	CHIE	X	242	242		.06150	2008	R	1967	
6	1996	CHIE	X	243	243		.06150	2008	R	1968	
6	1996	CHIE	X	242	242		.06150	2008	R	1969	
6	1996	CHIE	X	242	242		.06150	2008	R	1970	
6	1996	CHIE	X	242	242		.06150	2008	R	1971	

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6	1996	CHIE	X	242	242	.06150	2008	R	1972
6	1996	CHIE	X	243	243	.06150	2008	R	1973
6	1996	CHIE	X	242	242	.06150	2008	R	1974
6	1996	CHIE	X	242	242	.06150	2008	R	1975
6	1996	CHIE	X	242	242	.06150	2008	R	1976
6	1996	CHIE	X	33539	33539	.06490	2027	A	1977
6	1996	CHIE	X	242	242	.06150	2008	R	1977
6	1996	CHIE	X	83229	83229	.06490	2028	A	1978
6	1996	CHIE	X	243	243	.06150	2008	R	1978
6	1996	CHIE	X	66118	66118	.06490	2029	A	1979
6	1996	CHIE	X	242	242	.06150	2008	R	1979
6	1996	CHIE	X	242	242	.06150	2008	R	1980
6	1996	CHIE	X	242	242	.06150	2008	R	1981
6	1996	CHIE	X	242	242	.06150	2008	R	1982
6	1996	CHIE	X	243	243	.06150	2008	R	1983
6	1996	CHIE	X	909	0	.10750	2008	R	1984
6	1996	CHIE	X	18018	18018	.06490	2029	A	1985
6	1996	CHIE	X	50	50	.06150	2008		1985
6	1996	CHIE	X	5902	5902	.06490	2029	A	1986
6	1996	CHIE	X	104	0	.08875	2008	R	1987
6	1996	CHIE	X	3341	3341	.06490	2029	A	1987
6	1996	CHIE	X	2996	2996	.06490	2029	A	1988
6	1996	CHIE	X	327	0	.09250	2008	R	1989
6	1996	CHIE	X	2451	2451	.06490	2029	A	1989
6	1996	CHIE	X	4958	4958	.06490	2029		1990
6	1996	CHIE	X	1024	0	.08875	2008	A	1990
6	1996	CHIE	X	3840	0	.08750	2029	A	1991
6	1996	CHIE	X	34	0	.08750	2008	R	1991
6	1996	CHIE	X	293	0	.08750	2008		1991
6	1996	CHIE	X	2032	0	.08500	2029	A	1992
6	1996	CHIE	X	142	0	.08500	2008	R	1992
6	1996	CHIE	X	717	0	.08500	2008		1992
6	1996	CHIE	X	42	0	.07875	2008	R	1993
6	1996	CHIE	X	794	0	.07875	2008		1993
6	1996	CHIE	X	1360	0	.07875	2029	A	1993
6	1996	CHIE	X	129	0	.07125	2029		1994
6	1996	CHIE	X	65	0	.07125	2029	R	1994
6	1996	CHIE	X	4662	4399	.06490	2044	A	1994
6	1996	CHIE	X	822	822	.06490	2045		1995

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6	1996	CHIE	X	739	739	.06490	2045	1995
6	1996	CHIE	X	151	151	.06490	2045	1995
6	1996	CHIE	X	584	584	.06490	2045 R	1995
6	1996	CHIE	X	16	16	.06180	2010	1995
6	1996	COL3	X	51376	43303	.06470	2025 A	1975
6	1996	COL3	X	45432	45432	.06490	2026 A	1976
6	1996	COL3	X	47042	47042	.06490	2027 A	1977
6	1996	COL3	X	46671	46671	.06490	2028 A	1978
6	1996	COL3	X	92643	92643	.06490	2029 A	1979
6	1996	COL3	X	786	786	.06490	2033 B	1983
6	1996	COL3	X	14343	14343	.06490	2033 A	1983
6	1996	COL3	X	18714	18714	.06490	2033 A	1984
6	1996	COL3	X	14552	14552	.06490	2033 A	1984
6	1996	COL3	X	46077	46077	.06490	2033 A	1985
6	1996	COL3	X	118	118	.06490	2033	1985
6	1996	COL3	X	17139	17139	.06490	2033 A	1986
6	1996	COL3	X	15928	15928	.06490	2033 A	1987
6	1996	COL3	X	4800	4800	.06490	2033 A	1988
6	1996	COL3	X	12026	12026	.06490	2033 A	1989
6	1996	COL3	X	7041	7041	.06490	2033 A	1990
6	1996	COL3	X	39	0	.08750	2033 A	1991
6	1996	COL3	X	1360	0	.08500	2033 A	1992
6	1996	COL3	X	12962	0	.07875	2033 A	1993
6	1996	COL3	X	13832	13832	.06490	2044 A	1994
6	1996	COLU	X	10919	0	.03000	1991	1941
6	1996	COLU	X	16165	0	.03000	1992	1942
6	1996	COLU	X	8083	0	.03000	1993	1943
6	1996	COLU	X	16165	0	.03000	1994	1944
6	1996	COLU	X	24247	0	.03000	1998	1948
6	1996	COLU	X	24247	0	.03000	1999	1949
6	1996	COLU	X	16165	0	.03000	2000	1950
6	1996	COLU	X	31397	8025	.05810	2001	1951
6	1996	COLU	X	269	269	.05810	2001 R	1952
6	1996	COLU	X	269	269	.05810	2001 R	1953
6	1996	COLU	X	269	269	.05810	2001 R	1954
6	1996	COLU	X	269	269	.05810	2001 R	1955
6	1996	COLU	X	270	270	.05810	2001 R	1956
6	1996	COLU	X	269	269	.05810	2001 R	1957
6	1996	COLU	X	269	269	.05810	2001 R	1958

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6	1996	COLU	X	269	269	.05810	2001 R 1959
6	1996	COLU	X	269	269	.05810	2001 R 1960
6	1996	COLU	X	270	270	.05810	2001 R 1961
6	1996	COLU	X	269	269	.05810	2001 R 1962
6	1996	COLU	X	269	269	.05810	2001 R 1963
6	1996	COLU	X	269	269	.05810	2001 R 1964
6	1996	COLU	X	269	269	.05810	2001 R 1965
6	1996	COLU	X	270	270	.05810	2001 R 1966
6	1996	COLU	X	269	269	.05810	2001 R 1967
6	1996	COLU	X	269	269	.05810	2001 R 1968
6	1996	COLU	X	269	269	.05810	2001 R 1969
6	1996	COLU	X	269	269	.05810	2001 R 1970
6	1996	COLU	X	270	270	.05810	2001 R 1971
6	1996	COLU	X	269	269	.05810	2001 R 1972
6	1996	COLU	X	269	269	.05810	2001 R 1973
6	1996	COLU	X	269	269	.05810	2001 R 1974
6	1996	COLU	X	269	269	.05810	2001 R 1975
6	1996	COLU	X	270	270	.05810	2001 R 1976
6	1996	COLU	X	269	269	.05810	2001 R 1977
6	1996	COLU	X	269	269	.05810	2001 R 1978
6	1996	COLU	X	269	269	.05810	2001 R 1979
6	1996	COLU	X	269	269	.05810	2001 R 1980
6	1996	COLU	X	270	270	.05810	2001 R 1981
6	1996	COLU	X	269	269	.05810	2001 R 1982
6	1996	COLU	X	269	269	.05810	2001 R 1983
6	1996	COLU	X	7815	0	.10750	2001 R 1984
6	1996	COLU	X	7338	0	.12375	2001 R 1985
6	1996	COLU	X	245	245	.05810	2001 1985
6	1996	COLU	X	132	132	.05810	2001 1986
6	1996	COLU	X	13	13	.05810	2001 1987
6	1996	COLU	X	184	0	.08500	2001 R 1988
6	1996	COLU	X	1166	0	.09250	2001 R 1989
6	1996	COLU	X	928	0	.08875	2001 R 1990
6	1996	COLU	X	177	0	.08750	2001 1991
6	1996	COLU	X	1661	0	.08750	2001 R 1991
6	1996	COLU	X	445	0	.08500	2001 R 1992
6	1996	COLU	X	792	0	.07875	2001 1993
6	1996	COLU	X	858	858	.06320	2017 B 1967
6	1996	COLU	X	25	0	.07875	2000 1995

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6	1996	COLU	X	221	221	.06380	2020	1995
6	1996	COLU	X	908	908	.06490	2045	1995
6	1996	COLU	X	519	519	.06490	2045	1995
6	1996	COLU	X	384	384	.06490	2045 R	1995
6	1996	COLU	X	367	367	.06490	2030 R	1995
6	1996	COLU	X	283	0	.10750	2030 R	1995
6	1996	COLU	X	437	0	.12375	2030	1995
6	1996	COLU	X	249	0	.12375	2030 R	1995
6	1996	COUG	X	11545	10173	.06260	2014	1964
6	1996	COUG	X	22	22	.06260	2014 R	1965
6	1996	COUG	X	22	22	.06260	2014 R	1966
6	1996	COUG	X	22	22	.06260	2014 R	1967
6	1996	COUG	X	22	22	.06260	2014 R	1968
6	1996	COUG	X	22	22	.06260	2014 R	1969
6	1996	COUG	X	22	22	.06260	2014 R	1970
6	1996	COUG	X	22	22	.06260	2014 R	1971
6	1996	COUG	X	22	22	.06260	2014 R	1972
6	1996	COUG	X	22	22	.06260	2014 R	1973
6	1996	COUG	X	22	22	.06260	2014 R	1974
6	1996	COUG	X	22	22	.06260	2014 R	1975
6	1996	COUG	X	22	22	.06260	2014 R	1976
6	1996	COUG	X	22	22	.06260	2014 R	1977
6	1996	COUG	X	22	22	.06260	2014 R	1978
6	1996	COUG	X	22	22	.06260	2014 R	1979
6	1996	COUG	X	22	22	.06260	2014 R	1980
6	1996	COUG	X	22	22	.06260	2014 R	1981
6	1996	COUG	X	22	22	.06260	2014 R	1982
6	1996	COUG	X	22	22	.06260	2014 R	1983
6	1996	COUG	X	1	0	.10750	2014 R	1984
6	1996	COUG	X	1	1	.06260	2014	1985
6	1996	COUG	X	55	0	.11375	2014 R	1986
6	1996	COUG	X	117	117	.06260	2014	1986
6	1996	COUG	X	51	51	.06260	2014	1987
6	1996	COUG	X	2	0	.08500	2014	1988
6	1996	COUG	X	6	0	.09250	2014 R	1989
6	1996	COUG	X	10	0	.08875	2014 R	1990
6	1996	COUG	X	1015	0	.08750	2014 R	1991
6	1996	COUG	X	1	0	.08750	2014	1991
6	1996	COUG	X	2	0	.08500	2014 R	1992

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6	1996	COUG	X	539	0	.07875	2014	1993
6	1996	COUG	X	31	0	.07125	2019 A	1994
6	1996	COUG	X	3	0	.07250	2000	1995
6	1996	CRFB	X	3969	0	.08500	2041	1991
6	1996	CRFB	X	874	0	.08500	2042	1992
6	1996	CRFB	X	85846	0	.08500	2043	1993
6	1996	CRFB	X	39454	0	.08500	2044	1994
6	1996	CRFB	X	45036	45036	.06490	2045	1995
6	1996	DETR	X	12699	3244	.05950	2003	1953
6	1996	DETR	X	21373	21373	.06000	2004	1954
6	1996	DETR	X	19	19	.06000	2004 R	1955
6	1996	DETR	X	20	20	.06000	2004 R	1956
6	1996	DETR	X	19	19	.06000	2004 R	1957
6	1996	DETR	X	20	20	.06000	2004 R	1958
6	1996	DETR	X	19	19	.06000	2004 R	1959
6	1996	DETR	X	20	20	.06000	2004 R	1960
6	1996	DETR	X	19	19	.06000	2004 R	1961
6	1996	DETR	X	20	20	.06000	2004 R	1962
6	1996	DETR	X	19	19	.06000	2004 R	1963
6	1996	DETR	X	20	20	.06000	2004 R	1964
6	1996	DETR	X	19	19	.06000	2004 R	1965
6	1996	DETR	X	20	20	.06000	2004 R	1966
6	1996	DETR	X	19	19	.06000	2004 R	1967
6	1996	DETR	X	20	20	.06000	2004 R	1968
6	1996	DETR	X	19	19	.06000	2004 R	1969
6	1996	DETR	X	20	20	.06000	2004 R	1970
6	1996	DETR	X	19	19	.06000	2004 R	1971
6	1996	DETR	X	20	20	.06000	2004 R	1972
6	1996	DETR	X	19	19	.06000	2004 R	1973
6	1996	DETR	X	20	20	.06000	2004 R	1974
6	1996	DETR	X	19	19	.06000	2004 R	1975
6	1996	DETR	X	20	20	.06000	2004 R	1976
6	1996	DETR	X	19	19	.06000	2004 R	1977
6	1996	DETR	X	20	20	.06000	2004 R	1978
6	1996	DETR	X	19	19	.06000	2004 R	1979
6	1996	DETR	X	20	20	.06000	2004 R	1980
6	1996	DETR	X	19	19	.06000	2004 R	1981
6	1996	DETR	X	20	20	.06000	2004 R	1982
6	1996	DETR	X	19	19	.06000	2004 R	1983

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6	1996	DETR	X	21	0	.10750	2004	R	1984
6	1996	DETR	X	6	6	.06000	2004		1985
6	1996	DETR	X	38	0	.11375	2004	R	1986
6	1996	DETR	X	233	0	.08875	2004	R	1987
6	1996	DETR	X	3	3	.06000	2004		1987
6	1996	DETR	X	68	0	.08500	2004	R	1988
6	1996	DETR	X	26	0	.09250	2004	R	1989
6	1996	DETR	X	115	0	.08875	2004		1990
6	1996	DETR	X	9	0	.08750	2004	R	1991
6	1996	DETR	X	20	0	.08750	2004		1991
6	1996	DETR	X	8	0	.08500	2004		1992
6	1996	DETR	X	211	0	.07875	2004		1993
6	1996	DETR	X	7	0	.07125	1999	R	1994
6	1996	DETR	X	13	0	.07250	2000		1995
6	1996	DWOR	X	153906	148459	.06430	2023		1973
6	1996	DWOR	X	575	575	.06430	2023	R	1974
6	1996	DWOR	X	578	578	.06430	2023	R	1975
6	1996	DWOR	X	578	578	.06430	2023	R	1976
6	1996	DWOR	X	578	578	.06430	2023	R	1977
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6	1996	DWOR	X	578	578	.06430	2023	R	1979
6	1996	DWOR	X	578	578	.06430	2023	R	1980
6	1996	DWOR	X	578	578	.06430	2023	R	1981
6	1996	DWOR	X	578	578	.06430	2023	R	1982
6	1996	DWOR	X	584	584	.06430	2023	R	1983
6	1996	DWOR	X	2499	0	.10750	2023	R	1984
6	1996	DWOR	X	1273	1273	.06430	2023		1985
6	1996	DWOR	X	220	220	.06430	2023		1986
6	1996	DWOR	X	65	0	.08875	2023	R	1987
6	1996	DWOR	X	31	6	.06430	2023		1987
6	1996	DWOR	X	61	0	.08500	2023	R	1988
6	1996	DWOR	X	63	0	.09250	2023	R	1989
6	1996	DWOR	X	245	0	.08875	2023	R	1990
6	1996	DWOR	X	24	0	.08875	2023		1990
6	1996	DWOR	X	224	0	.08750	2023		1991
6	1996	DWOR	X	4	0	.02625	2023		1992
6	1996	DWOR	X	28	0	.08500	2023	R	1992
6	1996	DWOR	X	24	0	.08500	2023		1992
6	1996	DWOR	X	41	0	.07875	2023	R	1993

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6	1996	DWOR	X	1872	0	.07875	2023	1993
6	1996	DWOR	X	1351	0	.07125	2029 R	1994
6	1996	DWOR	X	964	0	.07125	2029 A	1994
6	1996	DWOR	X	57	0	.09250	2020	1995
6	1996	DWOR	X	1202	1202	.06490	2045	1995
6	1996	DWOR	X	227	227	.06490	2030	1995
6	1996	GREE	X	14520	13547	.06320	2017	1967
6	1996	GREE	X	13828	13828	.06340	2018	1968
6	1996	GREE	X	45	45	.06340	2018 R	1969
6	1996	GREE	X	45	45	.06340	2018 R	1970
6	1996	GREE	X	45	45	.06340	2018 R	1971
6	1996	GREE	X	45	45	.06340	2018 R	1972
6	1996	GREE	X	45	45	.06340	2018 R	1973
6	1996	GREE	X	45	45	.06340	2018 R	1974
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6	1996	GREE	X	45	45	.06340	2018 R	1977
6	1996	GREE	X	45	45	.06340	2018 R	1978
6	1996	GREE	X	45	45	.06340	2018 R	1979
6	1996	GREE	X	45	45	.06340	2018 R	1980
6	1996	GREE	X	45	45	.06340	2018 R	1981
6	1996	GREE	X	45	45	.06340	2018 R	1982
6	1996	GREE	X	45	45	.06340	2018 R	1983
6	1996	GREE	X	15	0	.10750	2018 R	1984
6	1996	GREE	X	19	19	.06340	2018	1985
6	1996	GREE	X	3	0	.11375	2018 R	1986
6	1996	GREE	X	3	3	.06340	2018	1986
6	1996	GREE	X	2	0	.08875	2018 R	1987
6	1996	GREE	X	2	2	.06340	2018	1987
6	1996	GREE	X	13	0	.08500	2018	1988
6	1996	GREE	X	24	0	.09250	2018 R	1989
6	1996	GREE	X	5	0	.08875	2018	1990
6	1996	GREE	X	48	0	.08750	2018	1991
6	1996	GREE	X	2	0	.08500	2018	1992
6	1996	GREE	X	41	0	.07875	2018	1993
6	1996	GREE	X	6	0	.07125	1999 A	1994
6	1996	GREE	X	4	0	.07125	2000	1995
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6	1996	HILL	X	14	14	.06220	2012 R	1964
6	1996	HILL	X	14	14	.06220	2012 R	1965
6	1996	HILL	X	14	14	.06220	2012 R	1966
6	1996	HILL	X	14	14	.06220	2012 R	1967
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6	1996	HILL	X	14	14	.06220	2012 R	1975
6	1996	HILL	X	14	14	.06220	2012 R	1976
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6	1996	HILL	X	14	14	.06220	2012 R	1979
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6	1996	HILL	X	14	14	.06220	2012 R	1983
6	1996	HILL	X	52	0	.10750	2012 R	1984
6	1996	HILL	X	7	7	.06220	2012	1985
6	1996	HILL	X	3	0	.08875	2012 R	1987
6	1996	HILL	X	3	0	.08500	2012 R	1988
6	1996	HILL	X	3	0	.08875	2012	1990
6	1996	HILL	X	17	0	.08750	2012	1991
6	1996	HILL	X	1	0	.08500	2012	1992
6	1996	HILL	X	13	0	.07875	2012	1993
6	1996	HUNG	X	72029	17228	.05950	2003	1953
6	1996	HUNG	X	18	18	.05950	2003 R	1954
6	1996	HUNG	X	18	18	.05950	2003 R	1955
6	1996	HUNG	X	18	18	.05950	2003 R	1956
6	1996	HUNG	X	19	19	.05950	2003 R	1957
6	1996	HUNG	X	19	19	.05950	2003 R	1958
6	1996	HUNG	X	19	19	.05950	2003 R	1959
6	1996	HUNG	X	19	19	.05950	2003 R	1960
6	1996	HUNG	X	19	19	.05950	2003 R	1961

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6	1996	HUNG X	19	19	.05950	2003 R	1962
6	1996	HUNG X	19	19	.05950	2003 R	1963
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6	1996	HUNG X	18	18	.05950	2003 R	1965
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6	1996	HUNG X	19	19	.05950	2003 R	1967
6	1996	HUNG X	19	19	.05950	2003 R	1968
6	1996	HUNG X	19	19	.05950	2003 R	1969
6	1996	HUNG X	19	19	.05950	2003 R	1970
6	1996	HUNG X	19	19	.05950	2003 R	1971
6	1996	HUNG X	19	19	.05950	2003 R	1972
6	1996	HUNG X	19	19	.05950	2003 R	1973
6	1996	HUNG X	18	18	.05950	2003 R	1974
6	1996	HUNG X	18	18	.05950	2003 R	1975
6	1996	HUNG X	18	18	.05950	2003 R	1976
6	1996	HUNG X	19	19	.05950	2003 R	1977
6	1996	HUNG X	19	19	.05950	2003 R	1978
6	1996	HUNG X	19	19	.05950	2003 R	1979
6	1996	HUNG X	19	19	.05950	2003 R	1980
6	1996	HUNG X	19	19	.05950	2003 R	1981
6	1996	HUNG X	13	13	.05950	2003 R	1983
6	1996	HUNG X	32	0	.10750	2003 R	1984
6	1996	HUNG X	36	0	.12375	2003 R	1985
6	1996	HUNG X	101	0	.09250	2003 R	1989
6	1996	HUNG X	58	0	.08875	2003 R	1990
6	1996	HUNG X	19	0	.08750	2003 R	1991
6	1996	HUNG X	4136	0	.07875	2003 R	1993
6	1996	HUNG X	2	0	.07875	2003	1993
6	1996	HUNG X	56	0	.07125	2019 R	1994
6	1996	HUNG X	6433	6433	.06490	2045	1995
6	1996	HUNG X	553	553	.06490	2030 R	1995
6	1996	HUNG X	1275	1275	.06490	2030 R	1995
6	1996	HUNG X	5	0	.08875	2000	1995
6	1996	HUNG X	176	176	.06380	2020 R	1995
6	1996	HUNG X	513	513	.06490	2030 R	1995
6	1996	HUNG X	15102	0	.11375	2045	1995
6	1996	ICEH X	64641	49280	.06220	2012	1962
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6	1996	ICEH X	51	51	.06220	2012 R	1964

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6	1996	ICEH X	52	52	.06220	2012 R	1965
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6	1996	ICEH X	51	51	.06220	2012 R	1967
6	1996	ICEH X	52	52	.06220	2012 R	1968
6	1996	ICEH X	51	51	.06220	2012 R	1969
6	1996	ICEH X	51	51	.06220	2012 R	1970
6	1996	ICEH X	52	52	.06220	2012 R	1971
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6	1996	ICEH X	22486	22486	.06490	2026 A	1976
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6	1996	ICEH X	52	52	.06220	2012 R	1977
6	1996	ICEH X	51	51	.06220	2012 R	1978
6	1996	ICEH X	51	51	.06220	2012 R	1979
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6	1996	ICEH X	52	52	.06220	2012 R	1983
6	1996	ICEH X	23	23	.06490	2026 A	1985
6	1996	ICEH X	46	46	.06220	2012	1985
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6	1996	ICEH X	51	0	.09250	2012 R	1989
6	1996	ICEH X	427	0	.08875	2012 R	1990
6	1996	ICEH X	348	0	.08750	2012 R	1991
6	1996	ICEH X	177	0	.08500	2012	1992
6	1996	ICEH X	3192	0	.07875	2012 R	1993
6	1996	ICEH X	1645	0	.07875	2012	1993
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6	1996	ICEH X	520	0	.07125	2029 A	1994
6	1996	ICEH X	178	178	.06360	2019	1995
6	1996	ICEH X	87	87	.06360	2019	1995
6	1996	ICEH X	883	883	.06360	2019	1995
6	1996	ICEH X	2	0	.07250	2000	1995

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6	1996	JOHN X	30187	24619	.06340	2018	1968
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6	1996	JOHN X	12911	12911	.06410	2022	1972
6	1996	JOHN X	3677	0	.10750	2022 R	1984
6	1996	JOHN X	1209	0	.12375	2022 R	1985
6	1996	JOHN X	7285	7285	.06410	2022	1985
6	1996	JOHN X	713	0	.11375	2022 R	1986
6	1996	JOHN X	3622	3622	.06410	2022	1986
6	1996	JOHN X	4353	0	.08875	2022 R	1987
6	1996	JOHN X	792	792	.06410	2022	1987
6	1996	JOHN X	332	0	.08500	2022	1988
6	1996	JOHN X	199	0	.08500	2022 R	1988
6	1996	JOHN X	377	0	.09250	2022 R	1989
6	1996	JOHN X	34	34	.06410	2022	1989
6	1996	JOHN X	41	41	.06410	2022	1990
6	1996	JOHN X	543	0	.08875	2022 R	1990
6	1996	JOHN X	13218	0	.08750	2022 R	1991
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6	1996	JOHN X	95	0	.08500	2022	1992
6	1996	JOHN X	7810	0	.07875	2022 R	1993
6	1996	JOHN X	9585	0	.07875	2022	1993
6	1996	JOHN X	14	0	.07125	2019 R	1994
6	1996	JOHN X	1252	0	.07125	2029 A	1994
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6	1996	JOHN X	2	0	.09250	2000	1995
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6	1996	JOHN X	23	23	.06490	2035 R	1995
6	1996	LIBB X	59608	53102	.06470	2025	1975
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6	1996	LIBB	X	2	2	.06490	2026	1987
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6	1996	LIBB	X	600	0	.07875	2026	1993
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6	1996	LIBB	X	3959	3291	.06490	2030	1995
6	1996	LIBB	X	97	97	.06490	2030	1995
6	1996	LIBB	X	16	16	.06490	2030	1995
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6	1996	LITT	X	32	32	.06390	2021 R	1972
6	1996	LITT	X	33	33	.06390	2021 R	1973
6	1996	LITT	X	32	32	.06390	2021 R	1974
6	1996	LITT	X	33	33	.06390	2021 R	1975
6	1996	LITT	X	32	32	.06390	2021 R	1976
6	1996	LITT	X	33	33	.06390	2021 R	1977
6	1996	LITT	X	54052	54052	.06490	2028 A	1978
6	1996	LITT	X	32	32	.06390	2021 R	1978
6	1996	LITT	X	33	33	.06390	2021 R	1979
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6	1996	LITT	X	33	33	.06390	2021 R	1981
6	1996	LITT	X	32	32	.06390	2021 R	1982
6	1996	LITT	X	33	33	.06390	2021 R	1983
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6	1996	LITT	X	196	196	.06390	2021 1985
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6	1996	LITT	X	6	6	.06390	2021 1987
6	1996	LITT	X	12	0	.08500	2021 1988
6	1996	LITT	X	68	0	.08500	2021 R 1988
6	1996	LITT	X	77	0	.09250	2021 R 1989
6	1996	LITT	X	408	0	.08875	2021 R 1990
6	1996	LITT	X	21	0	.08875	2021 1990
6	1996	LITT	X	266	0	.08750	2021 R 1991
6	1996	LITT	X	66	0	.08500	2021 R 1992
6	1996	LITT	X	27	0	.08500	2021 1992
6	1996	LITT	X	276	0	.07875	2021 R 1993
6	1996	LITT	X	3359	0	.07875	2021 1993
6	1996	LITT	X	37	0	.07125	2019 R 1994
6	1996	LITT	X	2044	0	.07125	2029 A 1994
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6	1996	LITT	X	353	353	.06490	2040 R 1995
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6	1996	LOOK	X	54	54	.06050	2005 R 1957
6	1996	LOOK	X	54	54	.06050	2005 R 1958
6	1996	LOOK	X	54	54	.06050	2005 R 1959
6	1996	LOOK	X	54	54	.06050	2005 R 1960
6	1996	LOOK	X	55	55	.06050	2005 R 1961
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6	1996	LOOK	X	54	54	.06050	2005 R 1965
6	1996	LOOK	X	54	54	.06050	2005 R 1966
6	1996	LOOK	X	55	55	.06050	2005 R 1967
6	1996	LOOK	X	54	54	.06050	2005 R 1968
6	1996	LOOK	X	54	54	.06050	2005 R 1969
6	1996	LOOK	X	54	54	.06050	2005 R 1970
6	1996	LOOK	X	54	54	.06050	2005 R 1971
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6	1996	LOOK	X	55	55	.06050	2005 R 1973

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6	1996	LOOK X	54	54	.06050	2005 R	1981
6	1996	LOOK X	54	54	.06050	2005 R	1982
6	1996	LOOK X	54	54	.06050	2005 R	1983
6	1996	LOOK X	185	0	.10750	2005 R	1984
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6	1996	LOOK X	23	0	.09250	2005 R	1989
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6	1996	LOOK X	4	0	.08875	2005	1990
6	1996	LOOK X	6	0	.08750	2005 R	1991
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6	1996	LOOK X	181	0	.08500	2005 R	1992
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6	1996	LOOK X	18	0	.07875	2005 R	1993
6	1996	LOOK X	189	0	.07875	2005	1993
6	1996	LOOK X	73	0	.07125	2019 A	1994
6	1996	LOOK X	180	180	.06490	2045	1995
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6	1996	LOOK X	17	17	.06490	2035	1995
6	1996	LOOK X	10	10	.06490	2045	1995
6	1996	LOOK X	87	87	.06490	2045 R	1995
6	1996	LOOK X	36	36	.06490	2045	1995
6	1996	LOST X	14847	14755	.06490	2027	1977
6	1996	LOST X	64	64	.06490	2027 R	1978
6	1996	LOST X	66	66	.06490	2027 R	1979
6	1996	LOST X	66	66	.06490	2027 R	1980
6	1996	LOST X	66	66	.06490	2027 R	1981
6	1996	LOST X	66	66	.06490	2027 R	1982

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6	1996	LOST	X	243	0	.10750	2027	R	1984
6	1996	LOST	X	14	14	.06490	2027		1985
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6	1996	LOST	X	7	7	.06490	2027		1986
6	1996	LOST	X	3	0	.08875	2027	R	1987
6	1996	LOST	X	5	5	.06490	2027		1987
6	1996	LOST	X	7	0	.08500	2027		1988
6	1996	LOST	X	9	0	.09250	2027	R	1989
6	1996	LOST	X	1	0	.08875	2027		1990
6	1996	LOST	X	31	0	.08750	2027		1991
6	1996	LOST	X	1	0	.08500	2027	R	1992
6	1996	LOST	X	1	0	.08500	2027		1992
6	1996	LOST	X	1	0	.07875	2027	R	1993
6	1996	LOST	X	14	0	.07875	2027		1993
6	1996	LOST	X	4	0	.07125	2000		1995
6	1996	LOST	X	97	97	.06490	2045	R	1995
6	1996	LOWG	X	131997	130405	.06470	2025		1975
6	1996	LOWG	X	565	565	.06470	2025	R	1976
6	1996	LOWG	X	565	565	.06470	2025	R	1977
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6	1996	LOWG	X	565	565	.06470	2025	R	1978
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6	1996	LOWG	X	565	565	.06470	2025	R	1980
6	1996	LOWG	X	565	565	.06470	2025	R	1981
6	1996	LOWG	X	566	566	.06470	2025	R	1982
6	1996	LOWG	X	565	565	.06470	2025	R	1983
6	1996	LOWG	X	311	0	.10750	2025	R	1984
6	1996	LOWG	X	364	364	.06470	2025		1985
6	1996	LOWG	X	4	0	.11375	2025	R	1986
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6	1996	LOWG	X	95	0	.08500	2025	R	1988
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6	1996	LOWG	X	121	0	.08500	2025		1992
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6	1996	LOWG	X	3272	0	.07875	2025		1993
6	1996	LOWG	X	38	0	.07125	2019	R	1994
6	1996	LOWG	X	3679	1687	.06490	2029	A	1994
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6	1996	LOWG	X	475	475	.06320	2017		1995
6	1996	LOWG	X	404	404	.06320	2017		1995
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6	1996	LOWM	X	242	242	.06380	2020	R	1972
6	1996	LOWM	X	242	242	.06380	2020	R	1973
6	1996	LOWM	X	242	242	.06380	2020	R	1974
6	1996	LOWM	X	242	242	.06380	2020	R	1975
6	1996	LOWM	X	242	242	.06380	2020	R	1976
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6	1996	LOWM	X	242	242	.06380	2020	R	1980
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6	1996	LOWM	X	242	242	.06380	2020	R	1983
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6	1996	LOWM	X	149	149	.06380	2020		1986
6	1996	LOWM	X	50	0	.08875	2020	R	1987
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6	1996	LOWM	X	58	0	.08500	2020	R	1988
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6	1996	LOWM	X	594	0	.08750	2020		1991
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6	1996	LOWM	X	24	0	.07875	2020	R	1993
6	1996	LOWM	X	2175	0	.07875	2020		1993
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6	1996	MCNA	X	503	503	.06130	2007 R	1971
6	1996	MCNA	X	503	503	.06130	2007 R	1972
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6	1996	MCNA	X	503	503	.06130	2007 R	1976
6	1996	MCNA	X	502	502	.06130	2007 R	1977
6	1996	MCNA	X	503	503	.06130	2007 R	1978

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6	1996	MCNA	X	35	0	.08875	2007	R	1987		
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6	1996	MCNA	X	66	0	.08750	2007	R	1991		
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6	1996	MCNA	X	222	0	.08500	2007	R	1992		
6	1996	MCNA	X	125	0	.08500	2007		1992		
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6	1996	MINI	X	1709	0	.03000	1960		1910		
6	1996	MINI	X	1709	0	.03000	1961		1911		
6	1996	MINI	X	854	0	.03000	1977		1927		
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6	1996	MINI	X	2561	0	.03000	2007		1957		
6	1996	MINI	X	854	0	.03000	2008		1958		
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6	1996	MINI	X	108	0	.03000	2008	R	1961		
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6	1996	MINI	X	108	0	.03000	2008	R	1974
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6	1996	MINI	X	48	0	.11375	2008	R	1986
6	1996	MINI	X	23	23	.06150	2008		1986
6	1996	MINI	X	17	17	.06150	2008		1987
6	1996	MINI	X	31	0	.08500	2008		1988
6	1996	MINI	X	20	0	.09250	2008	R	1989
6	1996	MINI	X	33	0	.08875	2008	R	1990
6	1996	MINI	X	62	0	.08750	2008	R	1991
6	1996	MINI	X	11	0	.08750	2008		1991
6	1996	MINI	X	32	0	.08750	2008	R	1991
6	1996	MINI	X	6	0	.08500	2008	R	1992
6	1996	MINI	X	351	0	.07125	2029		1994
6	1996	MINI	X	85	85	.06180	2010		1995
6	1996	MINI	X	4	0	.08500	2000	R	1995
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6	1996	THED	X	48820	48820	.05160	2009		1959
6	1996	THED	X	43044	43044	.06180	2010		1960
6	1996	THED	X	10499	10499	.06200	2011		1961
6	1996	THED	X	62	62	.06200	2011	R	1962
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6	1996	THED X	63	63	.06200	2011 R	1964
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6	1996	THED X	63	63	.06200	2011 R	1966
6	1996	THED X	63	63	.06200	2011 R	1967
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6	1996	THED X	63	63	.06200	2011 R	1969
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6	1996	THED X	62	62	.06200	2011 R	1971
6	1996	THED X	63	63	.06200	2011 R	1972
6	1996	THED X	24441	24441	.06430	2023 A	1973
6	1996	THED X	63	63	.06200	2011 R	1973
6	1996	THED X	8044	8044	.06450	2024 A	1974
6	1996	THED X	62	62	.06200	2011 R	1974
6	1996	THED X	63	63	.06200	2011 R	1975
6	1996	THED X	63	63	.06200	2011 R	1976
6	1996	THED X	62	62	.06200	2011 R	1977
6	1996	THED X	63	63	.06200	2011 R	1978
6	1996	THED X	63	63	.06200	2011 R	1979
6	1996	THED X	62	62	.06200	2011 R	1980
6	1996	THED X	63	63	.06200	2011 R	1981
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6	1996	THED X	62	62	.06200	2011 R	1983
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6	1996	THED X	280	0	.12375	2011 R	1985
6	1996	THED X	106	106	.06200	2011	1985
6	1996	THED X	4	0	.11375	2011 R	1986
6	1996	THED X	105	105	.06200	2011	1986
6	1996	THED X	81	0	.08875	2011 R	1987
6	1996	THED X	1567	1567	.06200	2011	1987
6	1996	THED X	685	0	.08500	2011	1988
6	1996	THED X	1	0	.08500	2011 R	1988
6	1996	THED X	898	0	.09250	2011 R	1989
6	1996	THED X	319	0	.08875	2011 R	1990
6	1996	THED X	745	0	.08875	2011	1990
6	1996	THED X	89	0	.08750	2011 R	1991
6	1996	THED X	2452	0	.08750	2011	1991
6	1996	THED X	57	0	.08500	2011 R	1992
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6	1996	THED X	2028	0	.07875	2011 R	1993

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6	1996	YAKC	X	1671	796	.06410	2022	1956
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6	1996	YAKC	X	1	1	.06410	2022 R	1962
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6	1996	YAKC	X	0	0	.02500	2022 R	1969
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6	1996	YAKC	X	0	0	.02500	2022 R	1971
6	1996	YAKC	X	0	0	.02500	2022 R	1972
6	1996	YAKC	X	0	0	.02500	2022 R	1973
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6	1996	YAKC	X	357	0	.12375	2022 R	1985
6	1996	YAKC	X	7	0	.11375	2022 R	1986
6	1996	YAKC	X	516	506	.06410	2022	1986
6	1996	YAKC	X	126	0	.08875	2022 R	1987
6	1996	YAKC	X	18	0	.09250	2022 R	1989
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6	1996	YAKR	X	0	0	.03000	2008	R	1972		
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6	1996	YAKR	X	0	0	.03000	2008	R	1974		
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6	1996	YAKR	X	0	0	.03000	2008	R	1976		
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6	1996	YAKR	X	0	0	.03000	2008	R	1983		
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6	1996	YAKR	X	9	0	.08875	2008	R	1987		
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6	1996	YAKR	X	17	0	.09250	2008	R	1989		
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6	1996	BOIS	X	13	13	.06200	2011		1996		
6	1996	BOIS	X	88	88	.06390	2021	R	1996		
6	1996	BOIS	X	238	238	.06490	2031		1996		
6	1996	BOIS	X	1258	1258	.06490	2046	R	1996		
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6	1996	BONN	X	43359	43359	.06490	2046		1996		
6	1996	BONN	X	2144	2144	.06490	2046		1996		
6	1996	BONN	X	2144	2144	.06490	2046	R	1996		
6	1996	BONN	X	2241	2241	.06490	2046		1996		
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6	1996	COLU	X	435	435	.06490	2046	1996
6	1996	COLU	X	5428	5428	.06490	2046 R	1996
6	1996	COLU	X	118	118	.06490	2031 R	1996
6	1996	COLU	X	1733	1733	.06490	2046	1996
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6	1996	HUNG	X	140	140	.06390	2021 R	1996
6	1996	HUNG	X	65	65	.06200	2011 R	1996
6	1996	HUNG	X	1758	1758	.06490	2046	1996
6	1996	ICEH	X	356	356	.06490	2036	1996
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6	1996	JOHN	X	11249	11249	.06490	2046	1996
6	1996	JOHN	X	3148	3148	.06490	2046	1996
6	1996	LIBB	X	2050	2050	.06490	2046	1996
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6	1996	LOWG	X	3956	3956	.06490	2046	1996
6	1996	LOWM	X	894	894	.06490	2046	1996
6	1996	LSFW	X	8555	8555	.06490	2046	1996
6	1996	MCNA	X	1475	1475	.06490	2046	1996
6	1996	MINI	X	146	146	.06390	2021 R	1996
6	1996	MINI	X	10	10	.05810	2001	1996
6	1996	MINI	X	2255	2255	.06490	2046	1996
6	1996	THED	X	15810	15810	.06490	2046	1996
6	1996	THED	X	2780	2780	.06490	2046	1996
6	1996	YAKR	X	341	341	.06390	2021 R	1996
				4173843	3366429			

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706.77050 2163560
2201536

6	1995	ZABF	X	3389	0	.08950	2013	1978	09
6	1995	ZABF	X	4619	0	.08950	2013 R	1978	09
6	1995	ZABF	X	1371	0	.09450	2014	1979	06
6	1995	ZABF	X	1870	0	.09450	2014 R	1979	06
6	1995	ZABF	X	150	0	.09450	2014	1979	06
6	1995	ZABF	X	102	0	.09450	2014 R	1979	06
6	1995	ZABF	X	98	0	.09900	2014	1979	09
6	1995	ZABF	X	66	0	.09900	2014 R	1979	09
6	1995	ZABF	X	605	0	.09900	2014	1979	09
6	1995	ZABF	X	165	0	.09900	2014 R	1979	09
6	1995	ZABF	X	2263	0	.13000	2015	1980	09
6	1995	ZABF	X	616	0	.13000	2015 R	1980	09
6	1995	ZABF	X	1707	0	.13000	2015	1980	09
6	1995	ZABF	X	56	0	.13000	2015 R	1980	09
6	1995	ZABF	X	21	0	.13000	2015	1980	09
6	1995	ZABF	X	10	0	.13000	2015 R	1980	09
6	1995	ZABF	X	277	0	.16600	2016	1981	09
6	1995	ZABF	X	127	0	.16600	2016 R	1981	09
6	1995	ZABF	X	80	0	.14400	2017	1982	12
6	1995	ZABF	X	36	0	.14400	2017 R	1982	12
6	1995	ZABF	X	23	0	.14400	2017	1982	04
6	1995	ZABF	X	11	0	.14400	2017 R	1982	04
6	1995	ZABF	X	551	0	.14400	2017	1982	04
6	1995	ZABF	X	439	0	.14400	2017 R	1982	04
6	1995	ZABF	X	43	0	.14150	2017	1982	07
6	1995	ZABF	X	-43	0	.14150	2017	1987	07
6	1995	ZABF	X	34	0	.14150	2017 R	1982	07
6	1995	ZABF	X	-34	0	.14150	2017 R	1987	07
6	1995	ZABF	X	402	0	.14150	2017	1982	07
6	1995	ZABF	X	-402	0	.14150	2017	1987	07
6	1995	ZABF	X	105	0	.14150	2017 R	1982	07
6	1995	ZABF	X	-105	0	.14150	2017 R	1987	07
6	1995	ZABF	X	205	0	.10850	2018	1983	11
6	1995	ZABF	X	-205	0	.10850	2018	1988	02
6	1995	ZABF	X	54	0	.10850	2018 R	1983	11

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6	1995	ZABF	X	-54	0	.10850	2018	R	1988	02	
6	1995	ZABF	X	154	0	.11700	2018		1983	06	T
6	1995	ZABF	X	40	0	.11700	2018	R	1983	06	T
6	1995	ZABF	X	4	0	.12250	2018		1983	09	
6	1995	ZABF	X	1	0	.12250	2018	R	1983	09	
6	1995	ZABF	X	203	0	.12250	2018		1983	09	
6	1995	ZABF	X	35	0	.12250	2018	R	1983	09	
6	1995	ZABF	X	138	0	.12300	2019		1984	11	
6	1995	ZABF	X	24	0	.12300	2019	R	1984	11	
6	1995	ZABF	X	276	0	.13050	2019		1984	09	
6	1995	ZABF	X	48	0	.13050	2019	R	1984	09	
6	1995	ZABF	X	460	0	.11250	2029		1985	06	
6	1995	ZABF	X	80	0	.11250	2029	R	1985	06	
6	1995	ZABF	X	5	0	.08150	1996		1986	03	T
6	1995	ZABF	X	1	0	.08150	1996	R	1986	03	T
6	1995	ZABF	X	443	0	.08150	1996		1986	03	T
6	1995	ZABF	X	169	0	.08150	1996	R	1986	03	T
6	1995	ZABF	X	76	0	.08950	2030		1986	06	
6	1995	ZABF	X	29	0	.08950	2030	R	1986	06	
6	1995	ZABF	X	1819	0	.08950	2030		1986	06	
6	1995	ZABF	X	722	0	.08950	2030	R	1986	06	
6	1995	ZABF	X	111	0	.09300	2031		1987	04	
6	1995	ZABF	X	-111	0	.09300	2031		1992	04	
6	1995	ZABF	X	281	0	.09300	2031		1987	04	
6	1995	ZABF	X	-281	0	.09300	2031		1992	04	
6	1995	ZABF	X	554	0	.09300	2031		1987	04	
6	1995	ZABF	X	-554	0	.09300	2031		1992	04	
6	1995	ZABF	X	1409	0	.09300	2031		1987	04	
6	1995	ZABF	X	-1409	0	.09300	2031		1992	04	
6	1995	ZABF	X	2498	0	.08350	1992		1987	06	T
6	1995	ZABF	X	983	0	.08350	1992	R	1987	06	T
6	1995	ZABF	X	48	0	.09550	2017		1987	07	
6	1995	ZABF	X	38	0	.09550	2017	R	1987	07	
6	1995	ZABF	X	569	0	.09550	2017		1987	07	
6	1995	ZABF	X	285	0	.09550	2032		1987	07	
6	1995	ZABF	X	112	0	.09550	2032	R	1987	07	
6	1995	ZABF	X	631	0	.09550	2032		1987	07	
6	1995	ZABF	X	618	0	.09550	2032	R	1987	07	
6	1995	ZABF	X	283	0	.09500	2018		1988	02	

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6	1995	ZABF	X	954	0	.09500	2033	1988	02			
6	1995	ZABF	X	-954	0	.09500	2033	1994	05			
6	1995	ZABF	X	933	0	.09500	2033 R	1988	02			
6	1995	ZABF	X	-933	0	.09500	2033 R	1994	05			
6	1995	ZABF	X	518	0	.09500	2033	1988	02			
6	1995	ZABF	X	-518	0	.09500	2033	1994	05			
6	1995	ZABF	X	1725	0	.09500	2033 R	1988	02			
6	1995	ZABF	X	-1725	0	.09500	2033 R	1994	05			
6	1995	ZABF	X	226	0	.09900	2033	1988	06			
6	1995	ZABF	X	752	0	.09900	2033 R	1988	06			
6	1995	ZABF	X	424	424	.08950	1999	1989	05	T		
6	1995	ZABF	X	1410	1410	.08950	1999 R	1989	05	T		
6	1995	ZABF	X	29	29	.09250	2030	1990	01	10		
6	1995	ZABF	X	96	96	.09250	2030 R	1990	01	10		
6	1995	ZABF	X	3008	3008	.09250	2030	1990	01	10		
6	1995	ZABF	X	5855	0	.07550	1995	1991	02	T		
6	1995	ZABF	X	2479	2479	.08800	2032	1992	04			
6	1995	ZABF	X	11016	11016	.08350	2033	1993	10			
6	1995	ZABF	X	14278	14278	.06850	2034	1994	10			
6	1995	ZABF	X	4456	0	.07100	1998	1994	05	01	P	
6	1995	ZABF	X	8509	8509	.07700	2025	1995	07	05		
6	1995	ZACO	X	140000	0	.12200	2003	1983	09			
6	1995	ZACO	X	150000	0	.13050	2004	1984	09			
6	1995	ZACO	X	-120000	0	.13050	2004	1989	09			
6	1995	ZACO	X	50000	0	.10150	1990	1985	09	T		
6	1995	ZACO	X	50000	0	.08150	1996	1986	03	T		
6	1995	ZACO	X	50000	0	.07800	1991	1986	03	T		
6	1995	ZACO	X	75000	0	.09300	2007	1987	04			
6	1995	ZACO	X	-75000	0	.09300	2007	1992	04			
6	1995	ZACO	X	50000	0	.08350	1992	1987	06	T		
6	1995	ZACO	X	90000	0	.09900	2008	1988	04			
6	1995	ZACO	X	40000	40000	.08550	2009	1989	07	T		
6	1995	ZACO	X	66000	0	.08600	1995	1989	09	T		
6	1995	ZACO	X	66000	66000	.08650	2002	1989	09	T		
6	1995	ZACO	X	100000	100000	.07140	2007	1992	07			
6	1995	ZACO	X	80200	80200	.05800	1997	1992	07	T		
6	1995	ZACO	X	50000	50000	.08050	2013	1993	10			
6	1995	ZACO	X	50000	50000	.07400	2013	1993	02			
6	1995	ZACO	X	40000	40000	.06750	2013	1993	08			

											Prtg.txt	
6	1995	ZACO	X	50000	50000	.06750	2014	1994	01			
6	1995	ZACO	X	50000	32699	.07100	1998	1994	05	01	P	
6	1995	ZACO	X	85000	85000	.07500	2015	1995	05	05		
6	1995	ZADB	X	35000	35000	.07500	2015	1995	05	05		
6	1995	ZAFW	X	25000	25000	.08950	1999	1989	05	T		
6	1995	ZAFW	X	50000		.07950	1996	1991	05	T		
6	1995	ZAFW	X	20000	20000	.06950	2008	1993	02			
6	1995	ZAFW	X	20000	0	.07650	1999	1994	09	01	P	
6	1995	ZAFW	X	22900	22900	.07200	2010	1995	08	05		
				1392082	738048							

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124.84900 242367
245985

6	1995	ZIRR	X	25143	25143	.00000	1997	1994			
6	1995	ZIRR	X	10103	10103	.00000	2001	1994			
6	1995	ZIRR	X	200	200	.00000	2004	1994			
6	1995	ZIRR	X	208	208	.00000	2004	1994			
6	1995	ZIRR	X	346	346	.00000	2004	1994			
6	1995	ZIRR	X	2950	2950	.00000	2008	1994			
6	1995	ZIRR	X	5602	5602	.00000	2009	1994			
6	1995	ZIRR	X	1996	1996	.00000	2009	1994			
6	1995	ZIRR	X	806	806	.00000	2012	1994			
6	1995	ZIRR	X	45073	45073	.00000	2013	1994			
6	1995	ZIRR	X	46353	46353	.00000	2014	1994			
6	1995	ZIRR	X	52846	52846	.00000	2015	1994			
6	1995	ZIRR	X	62214	62214	.00000	2016	1994			
6	1995	ZIRR	X	61953	61953	.00000	2017	1994			
6	1995	ZIRR	X	1071	1071	.00000	2017	1994			
6	1995	ZIRR	X	789	789	.00000	2017	1994			
6	1995	ZIRR	X	22576	22576	.00000	2018	1994			
6	1995	ZIRR	X	680	680	.00000	2018	1994			
6	1995	ZIRR	X	563	563	.00000	2018	1994			
6	1995	ZIRR	X	61026	61026	.00000	2019	1994			
6	1995	ZIRR	X	1125	1125	.00000	2019	1994			
6	1995	ZIRR	X	2081	2081	.00000	2019	1994			
6	1995	ZIRR	X	2081	2081	.00000	2019	1994			
6	1995	ZIRR	X	413	413	.00000	2019	1994			

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6	1995	ZIRR X	31524	31524	.00000	2020	1994
6	1995	ZIRR X	2076	2076	.00000	2020	1994
6	1995	ZIRR X	16165	16165	.00000	2021	1994
6	1995	ZIRR X	1527	1527	.00000	2021	1994
6	1995	ZIRR X	15610	15610	.00000	2022	1994
6	1995	ZIRR X	457	457	.00000	2022	1994
6	1995	ZIRR X	9673	9673	.00000	2023	1994
6	1995	ZIRR X	14647	14647	.00000	2024	1994
6	1995	ZIRR X	1943	1943	.00000	2024	1994
6	1995	ZIRR X	3794	3794	.00000	2024	1994
6	1995	ZIRR X	17294	17294	.00000	2025	1994
6	1995	ZIRR X	1202	1202	.00000	2025	1994
6	1995	ZIRR X	3810	3810	.00000	2026	1994
6	1995	ZIRR X	11907	11907	.00000	2026	1994
6	1995	ZIRR X	953	953	.00000	2026	1994
6	1995	ZIRR X	2326	2326	.00000	2026	1994
6	1995	ZIRR X	8592	8592	.00000	2027	1994
6	1995	ZIRR X	14857	14857	.00000	2028	1994
6	1995	ZIRR X	4200	4200	.00000	2028	1994
6	1995	ZIRR X	4092	4092	.00000	2029	1994
6	1995	ZIRR X	2437	2437	.00000	2030	1994
6	1995	ZIRR X	15912	15912	.00000	2031	1994
6	1995	ZIRR X	15215	15215	.00000	2035	1994
6	1995	ZIRR X	3660	3660	.00000	2036	1994
6	1995	ZIRR X	15186	15186	.00000	2036	1994
6	1995	ZIRR X	10047	10047	.00000	2036	1994
6	1995	ZIRR X	4805	4805	.00000	2037	1994
6	1995	ZIRR X	22983	22983	.00000	2037	1994
6	1995	ZIRR X	15560	15560	.00000	2039	1994
6	1995	ZIRR X	72652	72652	.00000	2042	1994
6	1995	ZIRR X	27458	27458	.00000	2045	1995
			780762	780762			

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.00000 109671
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PROJECTED FEDERAL INVESTMENTS

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			ORIGINAL	CURRENT	INTEREST	DUE	INSERVICE	CALENDAR
	PROJECT		PRINCIPAL	PRINCIPAL	RATE	DATE	DATE	MONTH
6	1997	ALBE X	341	341	.06490	2047	1997	
6	1997	BOIS X	89	89	.06200	2012	1997	
6	1997	BOIS X	129	129	.06490	2047	R	1997
6	1997	BONN X	12429	12429	.06490	2047		1997
6	1997	BONN X	802	802	.06490	2047		1997
6	1997	BONN X	802	802	.06490	2047	R	1997
6	1997	CHIE X	361	361	.06490	2032		1997
6	1997	COLU X	416	416	.06490	2032	R	1997
6	1997	COLU X	4915	4915	.06490	2047		1997
6	1997	CRFB X	73757	73757	.06490	2047		1997
6	1997	DWOR X	128	128	.06490	2032		1997
6	1997	GREE X	75	75	.06200	2012		1997
6	1997	HUNG X	6	6	.05810	2002		1997
6	1997	HUNG X	462	462	.06490	2047	R	1997
6	1997	ICEH X	1335	1335	.06490	2047		1997
6	1997	JOHN X	162	162	.06390	2022		1997
6	1997	LIBB X	1335	1335	.06490	2047		1997
6	1997	LOWM X	188	188	.06490	2032		1997
6	1997	LSFW X	3901	3901	.06490	2047		1997
6	1997	MINI X	188	188	.06490	2032		1997
6	1997	MINI X	46867	46867	.06490	2047		1997
6	1997	THED X	513	513	.06490	2032		1997
6	1998	BOIS X	90	90	.05850	2013		1998
6	1998	BOIS X	193	193	.05440	2003	R	1998
6	1998	BONN X	22149	22149	.06180	2048		1998
6	1998	COLU X	357	357	.06180	2033		1998
6	1998	COLU X	898	898	.06180	2033	R	1998
6	1998	CRFB X	137104	137104	.06180	2048		1998
6	1998	HUNG X	262	262	.06180	2033		1998
6	1998	HUNG X	217	217	.06180	2048	R	1998
6	1998	LSFW X	2768	2768	.06180	2048		1998
6	1998	MINI X	128	128	.06180	2033		1998
6	1998	MINI X	277	277	.06180	2033		1998
6	1998	YAKR X	43	43	.06070	2023	R	1998
6	1999	BOIS X	69	69	.05650	2014		1999

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6	1999	BOIS	X	165	165	.05970	2049	R	1999
6	1999	BONN	X	12609	12609	.05970	2049		1999
6	1999	COLU	X	104	104	.05970	2034		1999
6	1999	COLU	X	2581	2581	.05970	2049	R	1999
6	1999	CRFB	X	37360	37360	.05970	2049		1999
6	1999	HUNG	X	7	7	.05360	2004		1999
6	1999	HUNG	X	74	74	.05970	2034	R	1999
6	1999	LSFW	X	205	205	.05970	2034		1999
6	1999	MINI	X	66	66	.05860	2024		1999

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27.30600

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6	1996	ZABF	X	15798	15798	.07240	2041		1996	03
6	1996	ZAFW	X	24000	24000	.06950	2011		1996	03
6	1996	ZACO	X	99700	99700	.07050	2016		1996	03
6	1996	ZADB	X	39700	39700	.07240	2041		1996	03
6	1997	ZABF	X	12670	12670	.06930	2042		1997	03
6	1997	ZAFW	X	27000	27000	.06600	2012		1997	03
6	1997	ZACO	X	56900	56900	.06710	2017		1997	03
6	1997	ZADB	X	17300	17300	.06930	2042		1997	03
6	1998	ZABF	X	14883	14883	.06720	2043		1998	03
6	1998	ZAFW	X	27000	27000	.06400	2013		1998	03
6	1998	ZACO	X	42600	42600	.06500	2018		1998	03
6	1998	ZADB	X	13200	13200	.06720	2043		1998	03
6	1999	ZABF	X	14079	14079	.06610	2044		1999	03
6	1999	ZAFW	X	27000	27000	.06380	2014		1999	03
6	1999	ZACO	X	38300	38300	.06460	2019		1999	03
6	1999	ZADB	X	36100	36100	.06610	2044		1999	03

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CORPS-BUREAU REPLACEMENTS

INSERVICE	DATE	PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	DATE DUE	INTEREST RATE
6	2000	ALBE X	51	51	2015 R	.05648
6	2003	ALBE X	114	114	2015 R	.05585
6	2005	ALBE X	1050	1050	2015 R	.05543
6	2005	ALBE X	2078	2078	2055 R	.05965
6	2005	ALBE X	2214	2214	2030 R	.05859
6	2015	ALBE X	1050	1050	2025 R	.05543
6	2015	ALBE X	114	114	2027 R	.05585
6	2015	ALBE X	814	814	2035 R	.05754
6	2015	ALBE X	51	51	2030 R	.05648
6	2025	ALBE X	7463	7463	2060 R	.05965
6	2025	ALBE X	1050	1050	2035 R	.05543
6	2027	ALBE X	114	114	2039 R	.05585
6	2030	ALBE X	51	51	2045 R	.05648
6	2030	ALBE X	2214	2214	2055 R	.05859
6	2035	ALBE X	814	814	2055 R	.05754
6	2035	ALBE X	1050	1050	2045 R	.05543
6	2035	ALBE X	559	559	2075 R	.05965
6	2039	ALBE X	114	114	2051 R	.05585
6	2045	ALBE X	51	51	2060 R	.05648
6	2045	ALBE X	1050	1050	2055 R	.05543
6	2002	BOIS X	2316	2316	2027 R	.05859
6	2002	BOIS X	12	12	2017 R	.05648
6	2007	BOIS X	718	718	2047 R	.05965
6	2007	BOIS X	127	127	2027 R	.05754
6	2017	BOIS X	685	685	2062 R	.05965
6	2017	BOIS X	12	12	2032 R	.05648
6	2017	BOIS X	59	59	2047 R	.05965
6	2027	BOIS X	127	127	2047 R	.05754
6	2027	BOIS X	2316	2316	2052 R	.05859
6	2027	BOIS X	7751	7751	2077 R	.05965
6	2032	BOIS X	12	12	2047 R	.05648
6	2032	BOIS X	870	870	2067 R	.05965
6	2047	BOIS X	12	12	2062 R	.05648
6	2047	BOIS X	718	718	2087 R	.05965

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6	2047	BOIS X	127	127	2067 R	.05754	
6	2047	BOIS X	59	59	2077 R	.05965	
6	2001	BONN X	2362	2362	2016 R	.05648	
6	2001	BONN X	570	570	2021 R	.05754	
6	2001	BONN X	134	134	2013 R	.05585	
6	2001	BONN X	76	76	2006 R	.05360	
6	2001	BONN X	102	102	2011 R	.05543	
6	2002	BONN X	13	13	2027 R	.05859	
6	2004	BONN X	5	5	2011 R	.05460	
6	2006	BONN X	76	76	2011 R	.05360	
6	2007	BONN X	3930	3930	2032 R	.05859	
6	2011	BONN X	5	5	2018 R	.05460	
6	2011	BONN X	102	102	2021 R	.05543	
6	2011	BONN X	76	76	2016 R	.05360	
6	2011	BONN X	67364	67364	2046 R	.05965	
6	2012	BONN X	48	48	2047 R	.05965	
6	2012	BONN X	1024	1024	2027 R	.05648	
6	2013	BONN X	134	134	2025 R	.05585	
6	2016	BONN X	76	76	2021 R	.05360	
6	2016	BONN X	2362	2362	2031 R	.05648	
6	2016	BONN X	2377	2377	2041 R	.05859	
6	2017	BONN X	64749	64749	2052 R	.05965	
6	2017	BONN X	250	250	2057 R	.05965	
6	2018	BONN X	5	5	2025 R	.05460	
6	2021	BONN X	102	102	2031 R	.05543	
6	2021	BONN X	570	570	2041 R	.05754	
6	2021	BONN X	76	76	2026 R	.05360	
6	2021	BONN X	59392	59392	2061 R	.05965	
6	2022	BONN X	57871	57871	2062 R	.05965	
6	2025	BONN X	134	134	2037 R	.05585	
6	2025	BONN X	5	5	2032 R	.05460	
6	2026	BONN X	76	76	2031 R	.05360	
6	2027	BONN X	886	886	2072 R	.05965	
6	2027	BONN X	13	13	2052 R	.05859	
6	2027	BONN X	1024	1024	2042 R	.05648	
6	2027	BONN X	378	378	2077 R	.05965	
6	2031	BONN X	102	102	2041 R	.05543	
6	2031	BONN X	76	76	2036 R	.05360	
6	2031	BONN X	1023	1023	2076 R	.05965	

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6	2031	BONN X	2362	2362	2046 R	.05648
6	2032	BONN X	12544	12544	2082 R	.05965
6	2032	BONN X	3930	3930	2057 R	.05859
6	2032	BONN X	5	5	2039 R	.05460
6	2036	BONN X	76	76	2041 R	.05360
6	2037	BONN X	134	134	2049 R	.05585
6	2039	BONN X	5	5	2046 R	.05460
6	2041	BONN X	19747	19747	2091 R	.05965
6	2041	BONN X	76	76	2046 R	.05360
6	2041	BONN X	2377	2377	2066 R	.05859
6	2041	BONN X	102	102	2051 R	.05543
6	2041	BONN X	570	570	2061 R	.05754
6	2042	BONN X	1024	1024	2057 R	.05648
6	2046	BONN X	67364	67364	2081 R	.05965
6	2046	BONN X	76	76	2051 R	.05360
6	2046	BONN X	5	5	2053 R	.05460
6	2046	BONN X	2362	2362	2061 R	.05648
6	2047	BONN X	48	48	2082 R	.05965
6	2049	BONN X	134	134	2061 R	.05585
6	2002	CHIE X	1242	1242	2017 R	.05648
6	2003	CHIE X	297	297	2028 R	.05859
6	2007	CHIE X	10157	10157	2057 R	.05965
6	2007	CHIE X	3647	3647	2032 R	.05859
6	2007	CHIE X	36	36	2017 R	.05543
6	2008	CHIE X	176	176	2023 R	.05648
6	2013	CHIE X	60637	60637	2048 R	.05965
6	2017	CHIE X	1242	1242	2032 R	.05648
6	2017	CHIE X	36	36	2027 R	.05543
6	2017	CHIE X	1898	1898	2037 R	.05754
6	2018	CHIE X	616	616	2038 R	.05754
6	2018	CHIE X	38748	38748	2058 R	.05965
6	2023	CHIE X	176	176	2038 R	.05648
6	2027	CHIE X	50024	50024	2062 R	.05965
6	2027	CHIE X	36	36	2037 R	.05543
6	2028	CHIE X	297	297	2053 R	.05859
6	2028	CHIE X	10714	10714	2078 R	.05965
6	2032	CHIE X	1242	1242	2047 R	.05648
6	2032	CHIE X	3647	3647	2057 R	.05859
6	2037	CHIE X	36	36	2047 R	.05543

						Prtg.txt
6	2037	CHIE X	1898	1898	2057 R	.05754
6	2037	CHIE X	24059	24059	2077 R	.05965
6	2038	CHIE X	616	616	2058 R	.05754
6	2038	CHIE X	176	176	2053 R	.05648
6	2047	CHIE X	36	36	2057 R	.05543
6	2047	CHIE X	1242	1242	2062 R	.05648
6	2048	CHIE X	60637	60637	2083 R	.05965
6	2003	COLU X	49315	49315	2028 R	.05859
6	2007	COLU X	758	758	2022 R	.05648
6	2007	COLU X	1875	1875	2037 R	.05965
6	2007	COLU X	4237	4237	2027 R	.05754
6	2008	COLU X	2104	2104	2038 R	.05965
6	2008	COLU X	1023	1023	2023 R	.05648
6	2013	COLU X	49151	49151	2048 R	.05965
6	2017	COLU X	35501	35501	2052 R	.05965
6	2018	COLU X	171606	171606	2058 R	.05965
6	2018	COLU X	4956	4956	2038 R	.05754
6	2022	COLU X	41934	41934	2047 R	.05859
6	2022	COLU X	758	758	2037 R	.05648
6	2023	COLU X	53529	53529	2068 R	.05965
6	2023	COLU X	1023	1023	2038 R	.05648
6	2027	COLU X	39979	39979	2067 R	.05965
6	2027	COLU X	4237	4237	2047 R	.05754
6	2028	COLU X	49315	49315	2053 R	.05859
6	2028	COLU X	104261	104261	2078 R	.05965
6	2037	COLU X	1875	1875	2067 R	.05965
6	2037	COLU X	758	758	2052 R	.05648
6	2037	COLU X	41875	41875	2082 R	.05965
6	2038	COLU X	1023	1023	2053 R	.05648
6	2038	COLU X	4956	4956	2058 R	.05754
6	2038	COLU X	2104	2104	2068 R	.05965
6	2047	COLU X	41934	41934	2072 R	.05859
6	2047	COLU X	4237	4237	2067 R	.05754
6	2047	COLU X	134529	134529	2097 R	.05965
6	2048	COLU X	49151	49151	2083 R	.05965
6	2004	COUG X	66	66	2024 R	.05754
6	2004	COUG X	1455	1455	2044 R	.05965
6	2004	COUG X	3	3	2012 R	.05488
6	2006	COUG X	2	2	2013 R	.05460

						Prtg.txt	
6	2009	COUG X	41	41	2024 R	.05648	
6	2012	COUG X	3	3	2020 R	.05488	
6	2013	COUG X	2	2	2020 R	.05460	
6	2014	COUG X	593	593	2064 R	.05965	
6	2014	COUG X	123	123	2039 R	.05859	
6	2020	COUG X	2	2	2027 R	.05460	
6	2020	COUG X	3	3	2028 R	.05488	
6	2024	COUG X	41	41	2039 R	.05648	
6	2024	COUG X	66	66	2044 R	.05754	
6	2027	COUG X	2	2	2034 R	.05460	
6	2028	COUG X	3	3	2036 R	.05488	
6	2034	COUG X	2322	2322	2069 R	.05965	
6	2034	COUG X	2	2	2041 R	.05460	
6	2036	COUG X	3	3	2044 R	.05488	
6	2039	COUG X	123	123	2064 R	.05859	
6	2039	COUG X	41	41	2054 R	.05648	
6	2041	COUG X	2	2	2048 R	.05460	
6	2044	COUG X	66	66	2064 R	.05754	
6	2044	COUG X	1455	1455	2084 R	.05965	
6	2044	COUG X	3	3	2052 R	.05488	
6	2048	COUG X	2	2	2055 R	.05460	
6	2002	DETR X	16	16	2014 R	.05585	
6	2002	DETR X	29	29	2010 R	.05488	
6	2003	DETR X	4	4	2010 R	.05460	
6	2004	DETR X	22	22	2014 R	.05543	
6	2004	DETR X	192	192	2029 R	.05859	
6	2004	DETR X	568	568	2029 R	.05859	
6	2004	DETR X	2	2	2009 R	.05360	
6	2004	DETR X	2571	2571	2054 R	.05965	
6	2004	DETR X	520	520	2054 R	.05965	
6	2009	DETR X	2	2	2014 R	.05360	
6	2010	DETR X	29	29	2018 R	.05488	
6	2010	DETR X	4	4	2017 R	.05460	
6	2014	DETR X	16	16	2026 R	.05585	
6	2014	DETR X	272	272	2029 R	.05648	
6	2014	DETR X	85	85	2029 R	.05648	
6	2014	DETR X	103	103	2034 R	.05754	
6	2014	DETR X	22	22	2024 R	.05543	
6	2014	DETR X	2	2	2019 R	.05360	

						Prtg.txt	
6	2017	DETR X	4	4	2024 R	.05460	
6	2018	DETR X	29	29	2026 R	.05488	
6	2019	DETR X	2	2	2024 R	.05360	
6	2024	DETR X	11808	11808	2059 R	.05965	
6	2024	DETR X	22	22	2034 R	.05543	
6	2024	DETR X	2	2	2029 R	.05360	
6	2024	DETR X	2307	2307	2059 R	.05965	
6	2024	DETR X	4	4	2031 R	.05460	
6	2026	DETR X	29	29	2034 R	.05488	
6	2026	DETR X	16	16	2038 R	.05585	
6	2029	DETR X	85	85	2044 R	.05648	
6	2029	DETR X	192	192	2054 R	.05859	
6	2029	DETR X	2	2	2034 R	.05360	
6	2029	DETR X	568	568	2054 R	.05859	
6	2029	DETR X	272	272	2044 R	.05648	
6	2031	DETR X	4	4	2038 R	.05460	
6	2034	DETR X	2	2	2039 R	.05360	
6	2034	DETR X	103	103	2054 R	.05754	
6	2034	DETR X	1384	1384	2074 R	.05965	
6	2034	DETR X	22	22	2044 R	.05543	
6	2034	DETR X	4485	4485	2074 R	.05965	
6	2034	DETR X	29	29	2042 R	.05488	
6	2038	DETR X	16	16	2050 R	.05585	
6	2038	DETR X	4	4	2045 R	.05460	
6	2039	DETR X	2	2	2044 R	.05360	
6	2042	DETR X	29	29	2050 R	.05488	
6	2044	DETR X	272	272	2059 R	.05648	
6	2044	DETR X	85	85	2059 R	.05648	
6	2044	DETR X	22	22	2054 R	.05543	
6	2044	DETR X	2	2	2049 R	.05360	
6	2045	DETR X	4	4	2052 R	.05460	
6	2049	DETR X	2	2	2054 R	.05360	
6	2001	DWOR X	16	16	2008 R	.05460	
6	2003	DWOR X	2749	2749	2018 R	.05648	
6	2003	DWOR X	172	172	2013 R	.05543	
6	2005	DWOR X	36	36	2013 R	.05488	
6	2008	DWOR X	16	16	2015 R	.05460	
6	2008	DWOR X	11643	11643	2043 R	.05965	
6	2009	DWOR X	51	51	2021 R	.05585	

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6	2013	DWOR	X	3207	3207	2033 R	.05754
6	2013	DWOR	X	172	172	2023 R	.05543
6	2013	DWOR	X	36	36	2021 R	.05488
6	2013	DWOR	X	7236	7236	2053 R	.05965
6	2015	DWOR	X	16	16	2022 R	.05460
6	2018	DWOR	X	2749	2749	2033 R	.05648
6	2021	DWOR	X	36	36	2029 R	.05488
6	2021	DWOR	X	51	51	2033 R	.05585
6	2022	DWOR	X	16	16	2029 R	.05460
6	2023	DWOR	X	172	172	2033 R	.05543
6	2023	DWOR	X	6925	6925	2048 R	.05859
6	2023	DWOR	X	1640	1640	2073 R	.05965
6	2029	DWOR	X	36	36	2037 R	.05488
6	2029	DWOR	X	16	16	2036 R	.05460
6	2033	DWOR	X	172	172	2043 R	.05543
6	2033	DWOR	X	3207	3207	2053 R	.05754
6	2033	DWOR	X	51	51	2045 R	.05585
6	2033	DWOR	X	2749	2749	2048 R	.05648
6	2036	DWOR	X	16	16	2043 R	.05460
6	2037	DWOR	X	36	36	2045 R	.05488
6	2043	DWOR	X	172	172	2053 R	.05543
6	2043	DWOR	X	11643	11643	2078 R	.05965
6	2043	DWOR	X	16	16	2050 R	.05460
6	2045	DWOR	X	36	36	2053 R	.05488
6	2045	DWOR	X	51	51	2057 R	.05585
6	2048	DWOR	X	6925	6925	2073 R	.05859
6	2048	DWOR	X	2749	2749	2063 R	.05648
6	2002	GREE	X	3538	3538	2037 R	.05965
6	2002	GREE	X	16	16	2009 R	.05460
6	2003	GREE	X	1742	1742	2038 R	.05965
6	2007	GREE	X	1829	1829	2047 R	.05965
6	2007	GREE	X	13	13	2015 R	.05488
6	2007	GREE	X	19	19	2017 R	.05543
6	2007	GREE	X	124	124	2027 R	.05754
6	2008	GREE	X	64	64	2028 R	.05754
6	2008	GREE	X	1572	1572	2048 R	.05965
6	2009	GREE	X	16	16	2016 R	.05460
6	2012	GREE	X	895	895	2027 R	.05648
6	2013	GREE	X	731	731	2028 R	.05648

						Prtg.txt	
6	2015	GREE X	13	13	2023 R	.05488	
6	2016	GREE X	16	16	2023 R	.05460	
6	2017	GREE X	19	19	2027 R	.05543	
6	2017	GREE X	410	410	2042 R	.05859	
6	2017	GREE X	1464	1464	2067 R	.05965	
6	2018	GREE X	149	149	2043 R	.05859	
6	2018	GREE X	257	257	2068 R	.05965	
6	2023	GREE X	16	16	2030 R	.05460	
6	2023	GREE X	13	13	2031 R	.05488	
6	2027	GREE X	124	124	2047 R	.05754	
6	2027	GREE X	19	19	2037 R	.05543	
6	2027	GREE X	895	895	2042 R	.05648	
6	2028	GREE X	64	64	2048 R	.05754	
6	2028	GREE X	731	731	2043 R	.05648	
6	2030	GREE X	16	16	2037 R	.05460	
6	2031	GREE X	13	13	2039 R	.05488	
6	2037	GREE X	3538	3538	2072 R	.05965	
6	2037	GREE X	16	16	2044 R	.05460	
6	2037	GREE X	19	19	2047 R	.05543	
6	2038	GREE X	1742	1742	2073 R	.05965	
6	2039	GREE X	13	13	2047 R	.05488	
6	2042	GREE X	410	410	2067 R	.05859	
6	2042	GREE X	895	895	2057 R	.05648	
6	2043	GREE X	149	149	2068 R	.05859	
6	2043	GREE X	731	731	2058 R	.05648	
6	2044	GREE X	16	16	2051 R	.05460	
6	2047	GREE X	1829	1829	2087 R	.05965	
6	2047	GREE X	124	124	2067 R	.05754	
6	2047	GREE X	19	19	2057 R	.05543	
6	2047	GREE X	13	13	2055 R	.05488	
6	2048	GREE X	1572	1572	2088 R	.05965	
6	2048	GREE X	64	64	2068 R	.05754	
6	2002	HILL X	1483	1483	2042 R	.05965	
6	2002	HILL X	46	46	2022 R	.05754	
6	2007	HILL X	448	448	2022 R	.05648	
6	2007	HILL X	81	81	2052 R	.05965	
6	2012	HILL X	142	142	2037 R	.05859	
6	2012	HILL X	470	470	2062 R	.05965	
6	2022	HILL X	46	46	2042 R	.05754	

						Prtg.txt
6	2022	HILL X	448	448	2037 R	.05648
6	2032	HILL X	2213	2213	2067 R	.05965
6	2037	HILL X	448	448	2052 R	.05648
6	2037	HILL X	142	142	2062 R	.05859
6	2042	HILL X	1483	1483	2082 R	.05965
6	2042	HILL X	46	46	2062 R	.05754
6	2003	HUNG X	41384	41384	2053 R	.05965
6	2003	HUNG X	9617	9617	2028 R	.05859
6	2013	HUNG X	632	632	2033 R	.05754
6	2013	HUNG X	424	424	2043 R	.05965
6	2013	HUNG X	420	420	2028 R	.05648
6	2023	HUNG X	3003	3003	2058 R	.05965
6	2028	HUNG X	420	420	2043 R	.05648
6	2028	HUNG X	9617	9617	2053 R	.05859
6	2033	HUNG X	632	632	2053 R	.05754
6	2033	HUNG X	5498	5498	2073 R	.05965
6	2043	HUNG X	420	420	2058 R	.05648
6	2043	HUNG X	6037	6037	2088 R	.05965
6	2043	HUNG X	424	424	2073 R	.05965
6	2001	ICEH X	40	40	2026 R	.05859
6	2002	ICEH X	1363	1363	2022 R	.05754
6	2002	ICEH X	10880	10880	2042 R	.05965
6	2002	ICEH X	25	25	2010 R	.05488
6	2002	ICEH X	75	75	2012 R	.05543
6	2004	ICEH X	14	14	2011 R	.05460
6	2007	ICEH X	158	158	2052 R	.05965
6	2007	ICEH X	784	784	2022 R	.05648
6	2010	ICEH X	25	25	2018 R	.05488
6	2011	ICEH X	6066	6066	2046 R	.05965
6	2011	ICEH X	14	14	2018 R	.05460
6	2012	ICEH X	75	75	2022 R	.05543
6	2012	ICEH X	3694	3694	2062 R	.05965
6	2012	ICEH X	1487	1487	2037 R	.05859
6	2016	ICEH X	4070	4070	2056 R	.05965
6	2016	ICEH X	183	183	2036 R	.05754
6	2018	ICEH X	25	25	2026 R	.05488
6	2018	ICEH X	14	14	2025 R	.05460
6	2021	ICEH X	26	26	2066 R	.05965
6	2022	ICEH X	555	555	2052 R	.05965

					Prtg.txt	
6	2022	ICEH X	784	784	2037 R	.05648
6	2022	ICEH X	1363	1363	2042 R	.05754
6	2022	ICEH X	75	75	2032 R	.05543
6	2025	ICEH X	14	14	2032 R	.05460
6	2026	ICEH X	25	25	2034 R	.05488
6	2026	ICEH X	1169	1169	2076 R	.05965
6	2026	ICEH X	40	40	2051 R	.05859
6	2032	ICEH X	14	14	2039 R	.05460
6	2032	ICEH X	75	75	2042 R	.05543
6	2032	ICEH X	15804	15804	2067 R	.05965
6	2034	ICEH X	25	25	2042 R	.05488
6	2036	ICEH X	183	183	2056 R	.05754
6	2037	ICEH X	784	784	2052 R	.05648
6	2037	ICEH X	1487	1487	2062 R	.05859
6	2039	ICEH X	14	14	2046 R	.05460
6	2042	ICEH X	25	25	2050 R	.05488
6	2042	ICEH X	10880	10880	2082 R	.05965
6	2042	ICEH X	1363	1363	2062 R	.05754
6	2042	ICEH X	75	75	2052 R	.05543
6	2046	ICEH X	14	14	2053 R	.05460
6	2046	ICEH X	6066	6066	2081 R	.05965
6	2000	JOHN X	1835	1835	2015 R	.05648
6	2000	JOHN X	498	498	2030 R	.05965
6	2000	JOHN X	38	38	2010 R	.05543
6	2000	JOHN X	26	26	2005 R	.05360
6	2005	JOHN X	42621	42621	2040 R	.05965
6	2005	JOHN X	4	4	2012 R	.05460
6	2005	JOHN X	26	26	2010 R	.05360
6	2006	JOHN X	146	146	2018 R	.05585
6	2010	JOHN X	26571	26571	2050 R	.05965
6	2010	JOHN X	26	26	2015 R	.05360
6	2010	JOHN X	38	38	2020 R	.05543
6	2010	JOHN X	600	600	2030 R	.05754
6	2012	JOHN X	4	4	2019 R	.05460
6	2015	JOHN X	1835	1835	2030 R	.05648
6	2015	JOHN X	26	26	2020 R	.05360
6	2018	JOHN X	146	146	2030 R	.05585
6	2019	JOHN X	4	4	2026 R	.05460
6	2020	JOHN X	8618	8618	2070 R	.05965

					Prtg.txt	
6	2020	JOHN X	26	26	2025 R	.05360
6	2020	JOHN X	38	38	2030 R	.05543
6	2020	JOHN X	3254	3254	2045 R	.05859
6	2025	JOHN X	26	26	2030 R	.05360
6	2026	JOHN X	4	4	2033 R	.05460
6	2030	JOHN X	26	26	2035 R	.05360
6	2030	JOHN X	38	38	2040 R	.05543
6	2030	JOHN X	146	146	2042 R	.05585
6	2030	JOHN X	600	600	2050 R	.05754
6	2030	JOHN X	1835	1835	2045 R	.05648
6	2030	JOHN X	498	498	2060 R	.05965
6	2033	JOHN X	4	4	2040 R	.05460
6	2035	JOHN X	26	26	2040 R	.05360
6	2040	JOHN X	38	38	2050 R	.05543
6	2040	JOHN X	42621	42621	2075 R	.05965
6	2040	JOHN X	26	26	2045 R	.05360
6	2040	JOHN X	4	4	2047 R	.05460
6	2042	JOHN X	146	146	2054 R	.05585
6	2045	JOHN X	1835	1835	2060 R	.05648
6	2045	JOHN X	26	26	2050 R	.05360
6	2045	JOHN X	3254	3254	2070 R	.05859
6	2047	JOHN X	4	4	2054 R	.05460
6	2000	LIBB X	181	181	2015 R	.05648
6	2001	LIBB X	2286	2286	2026 R	.05859
6	2004	LIBB X	59	59	2011 R	.05460
6	2006	LIBB X	59	59	2016 R	.05543
6	2006	LIBB X	1649	1649	2021 R	.05648
6	2010	LIBB X	243	243	2035 R	.05859
6	2011	LIBB X	9118	9118	2046 R	.05965
6	2011	LIBB X	59	59	2018 R	.05460
6	2015	LIBB X	181	181	2030 R	.05648
6	2016	LIBB X	59	59	2026 R	.05543
6	2016	LIBB X	579	579	2036 R	.05754
6	2016	LIBB X	13620	13620	2056 R	.05965
6	2018	LIBB X	59	59	2025 R	.05460
6	2020	LIBB X	6602	6602	2055 R	.05965
6	2021	LIBB X	1649	1649	2036 R	.05648
6	2025	LIBB X	6850	6850	2065 R	.05965
6	2025	LIBB X	59	59	2032 R	.05460

				Prtg.txt		
6	2026	LIBB X	59	59	2036 R	.05543
6	2026	LIBB X	2906	2906	2076 R	.05965
6	2026	LIBB X	2286	2286	2051 R	.05859
6	2030	LIBB X	181	181	2045 R	.05648
6	2032	LIBB X	59	59	2039 R	.05460
6	2035	LIBB X	4523	4523	2085 R	.05965
6	2035	LIBB X	243	243	2060 R	.05859
6	2036	LIBB X	579	579	2056 R	.05754
6	2036	LIBB X	1649	1649	2051 R	.05648
6	2036	LIBB X	59	59	2046 R	.05543
6	2039	LIBB X	59	59	2046 R	.05460
6	2045	LIBB X	181	181	2060 R	.05648
6	2046	LIBB X	59	59	2053 R	.05460
6	2046	LIBB X	59	59	2056 R	.05543
6	2046	LIBB X	9118	9118	2081 R	.05965
6	2001	LITT X	1461	1461	2016 R	.05648
6	2001	LITT X	227	227	2031 R	.05965
6	2001	LITT X	11	11	2011 R	.05543
6	2003	LITT X	38	38	2011 R	.05488
6	2003	LITT X	36	36	2028 R	.05859
6	2006	LITT X	11802	11802	2041 R	.05965
6	2006	LITT X	22	22	2013 R	.05460
6	2008	LITT X	977	977	2018 R	.05543
6	2011	LITT X	38	38	2019 R	.05488
6	2011	LITT X	9904	9904	2051 R	.05965
6	2011	LITT X	418	418	2031 R	.05754
6	2011	LITT X	11	11	2021 R	.05543
6	2013	LITT X	9209	9209	2048 R	.05965
6	2013	LITT X	22	22	2020 R	.05460
6	2016	LITT X	1461	1461	2031 R	.05648
6	2018	LITT X	182	182	2038 R	.05754
6	2018	LITT X	8258	8258	2058 R	.05965
6	2018	LITT X	977	977	2028 R	.05543
6	2019	LITT X	38	38	2027 R	.05488
6	2020	LITT X	22	22	2027 R	.05460
6	2021	LITT X	3348	3348	2071 R	.05965
6	2021	LITT X	11	11	2031 R	.05543
6	2021	LITT X	918	918	2046 R	.05859
6	2023	LITT X	118	118	2068 R	.05965

				Prtg.txt		
6	2027	LITT X	38	38	2035 R	.05488
6	2027	LITT X	22	22	2034 R	.05460
6	2028	LITT X	977	977	2038 R	.05543
6	2028	LITT X	1603	1603	2078 R	.05965
6	2028	LITT X	36	36	2053 R	.05859
6	2031	LITT X	1461	1461	2046 R	.05648
6	2031	LITT X	418	418	2051 R	.05754
6	2031	LITT X	227	227	2061 R	.05965
6	2031	LITT X	11	11	2041 R	.05543
6	2034	LITT X	22	22	2041 R	.05460
6	2035	LITT X	38	38	2043 R	.05488
6	2038	LITT X	977	977	2048 R	.05543
6	2038	LITT X	182	182	2058 R	.05754
6	2041	LITT X	11802	11802	2076 R	.05965
6	2041	LITT X	11	11	2051 R	.05543
6	2041	LITT X	22	22	2048 R	.05460
6	2043	LITT X	38	38	2051 R	.05488
6	2046	LITT X	918	918	2071 R	.05859
6	2046	LITT X	1461	1461	2061 R	.05648
6	2048	LITT X	977	977	2058 R	.05543
6	2048	LITT X	22	22	2055 R	.05460
6	2048	LITT X	9209	9209	2083 R	.05965
6	2000	LOOK X	70	70	2015 R	.05648
6	2000	LOOK X	401	401	2015 R	.05648
6	2003	LOOK X	37	37	2015 R	.05585
6	2003	LOOK X	5	5	2011 R	.05488
6	2004	LOOK X	14	14	2011 R	.05460
6	2005	LOOK X	3749	3749	2055 R	.05965
6	2005	LOOK X	468	468	2055 R	.05965
6	2005	LOOK X	496	496	2030 R	.05859
6	2005	LOOK X	99	99	2015 R	.05543
6	2011	LOOK X	14	14	2018 R	.05460
6	2011	LOOK X	5	5	2019 R	.05488
6	2015	LOOK X	32	32	2035 R	.05754
6	2015	LOOK X	407	407	2035 R	.05754
6	2015	LOOK X	70	70	2030 R	.05648
6	2015	LOOK X	401	401	2030 R	.05648
6	2015	LOOK X	37	37	2027 R	.05585
6	2015	LOOK X	99	99	2025 R	.05543

						Prtg.txt	
6	2018	LOOK X	14	14	2025 R	.05460	
6	2019	LOOK X	5	5	2027 R	.05488	
6	2025	LOOK X	14	14	2032 R	.05460	
6	2025	LOOK X	99	99	2035 R	.05543	
6	2025	LOOK X	9844	9844	2060 R	.05965	
6	2025	LOOK X	1973	1973	2060 R	.05965	
6	2027	LOOK X	5	5	2035 R	.05488	
6	2027	LOOK X	37	37	2039 R	.05585	
6	2030	LOOK X	70	70	2045 R	.05648	
6	2030	LOOK X	496	496	2055 R	.05859	
6	2030	LOOK X	401	401	2045 R	.05648	
6	2032	LOOK X	14	14	2039 R	.05460	
6	2035	LOOK X	2138	2138	2075 R	.05965	
6	2035	LOOK X	99	99	2045 R	.05543	
6	2035	LOOK X	32	32	2055 R	.05754	
6	2035	LOOK X	5	5	2043 R	.05488	
6	2035	LOOK X	5142	5142	2075 R	.05965	
6	2035	LOOK X	407	407	2055 R	.05754	
6	2039	LOOK X	14	14	2046 R	.05460	
6	2039	LOOK X	37	37	2051 R	.05585	
6	2043	LOOK X	5	5	2051 R	.05488	
6	2045	LOOK X	401	401	2060 R	.05648	
6	2045	LOOK X	99	99	2055 R	.05543	
6	2045	LOOK X	70	70	2060 R	.05648	
6	2046	LOOK X	14	14	2053 R	.05460	
6	2002	LOST X	151	151	2027 R	.05859	
6	2005	LOST X	1	1	2012 R	.05460	
6	2007	LOST X	34	34	2022 R	.05648	
6	2007	LOST X	4	4	2017 R	.05543	
6	2007	LOST X	16	16	2037 R	.05965	
6	2012	LOST X	1	1	2019 R	.05460	
6	2012	LOST X	1429	1429	2047 R	.05965	
6	2017	LOST X	69	69	2037 R	.05754	
6	2017	LOST X	4	4	2027 R	.05543	
6	2017	LOST X	1115	1115	2057 R	.05965	
6	2019	LOST X	1	1	2026 R	.05460	
6	2022	LOST X	34	34	2037 R	.05648	
6	2022	LOST X	482	482	2067 R	.05965	
6	2026	LOST X	1	1	2033 R	.05460	

						Prtg.txt	
6	2027	LOST X	4	4	2037 R	.05543	
6	2027	LOST X	545	545	2077 R	.05965	
6	2027	LOST X	151	151	2052 R	.05859	
6	2033	LOST X	1	1	2040 R	.05460	
6	2037	LOST X	69	69	2057 R	.05754	
6	2037	LOST X	34	34	2052 R	.05648	
6	2037	LOST X	16	16	2067 R	.05965	
6	2037	LOST X	4	4	2047 R	.05543	
6	2040	LOST X	1	1	2047 R	.05460	
6	2047	LOST X	1429	1429	2082 R	.05965	
6	2047	LOST X	1	1	2054 R	.05460	
6	2047	LOST X	4	4	2057 R	.05543	
6	2000	LOWG X	195	195	2025 R	.05859	
6	2003	LOWG X	110	110	2028 R	.05859	
6	2003	LOWG X	23	23	2010 R	.05460	
6	2005	LOWG X	628	628	2035 R	.05965	
6	2005	LOWG X	837	837	2015 R	.05543	
6	2005	LOWG X	2383	2383	2020 R	.05648	
6	2007	LOWG X	30	30	2015 R	.05488	
6	2008	LOWG X	294	294	2023 R	.05648	
6	2010	LOWG X	23	23	2017 R	.05460	
6	2010	LOWG X	7949	7949	2045 R	.05965	
6	2011	LOWG X	19	19	2023 R	.05585	
6	2013	LOWG X	9362	9362	2048 R	.05965	
6	2015	LOWG X	837	837	2025 R	.05543	
6	2015	LOWG X	6630	6630	2055 R	.05965	
6	2015	LOWG X	959	959	2035 R	.05754	
6	2015	LOWG X	30	30	2023 R	.05488	
6	2017	LOWG X	23	23	2024 R	.05460	
6	2018	LOWG X	294	294	2038 R	.05754	
6	2018	LOWG X	7271	7271	2058 R	.05965	
6	2020	LOWG X	2383	2383	2035 R	.05648	
6	2023	LOWG X	19	19	2035 R	.05585	
6	2023	LOWG X	294	294	2038 R	.05648	
6	2023	LOWG X	30	30	2031 R	.05488	
6	2024	LOWG X	23	23	2031 R	.05460	
6	2025	LOWG X	837	837	2035 R	.05543	
6	2025	LOWG X	195	195	2050 R	.05859	
6	2025	LOWG X	1486	1486	2075 R	.05965	

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6	2028	LOWG X	1552	1552	2078 R	.05965
6	2028	LOWG X	110	110	2053 R	.05859
6	2031	LOWG X	30	30	2039 R	.05488
6	2031	LOWG X	23	23	2038 R	.05460
6	2035	LOWG X	19	19	2047 R	.05585
6	2035	LOWG X	628	628	2065 R	.05965
6	2035	LOWG X	2383	2383	2050 R	.05648
6	2035	LOWG X	959	959	2055 R	.05754
6	2035	LOWG X	837	837	2045 R	.05543
6	2038	LOWG X	294	294	2053 R	.05648
6	2038	LOWG X	294	294	2058 R	.05754
6	2038	LOWG X	23	23	2045 R	.05460
6	2039	LOWG X	30	30	2047 R	.05488
6	2045	LOWG X	23	23	2052 R	.05460
6	2045	LOWG X	837	837	2055 R	.05543
6	2045	LOWG X	7949	7949	2080 R	.05965
6	2047	LOWG X	30	30	2055 R	.05488
6	2047	LOWG X	19	19	2059 R	.05585
6	2048	LOWG X	9362	9362	2083 R	.05965
6	2001	LOWM X	42	42	2009 R	.05488
6	2004	LOWM X	38	38	2029 R	.05859
6	2004	LOWM X	22	22	2011 R	.05460
6	2004	LOWM X	9671	9671	2039 R	.05965
6	2009	LOWM X	9908	9908	2049 R	.05965
6	2009	LOWM X	11	11	2019 R	.05543
6	2009	LOWM X	42	42	2017 R	.05488
6	2009	LOWM X	290	290	2029 R	.05754
6	2011	LOWM X	22	22	2018 R	.05460
6	2014	LOWM X	8896	8896	2049 R	.05965
6	2014	LOWM X	1898	1898	2029 R	.05648
6	2017	LOWM X	42	42	2025 R	.05488
6	2018	LOWM X	22	22	2025 R	.05460
6	2019	LOWM X	11	11	2029 R	.05543
6	2019	LOWM X	3868	3868	2069 R	.05965
6	2019	LOWM X	801	801	2044 R	.05859
6	2019	LOWM X	6459	6459	2059 R	.05965
6	2019	LOWM X	291	291	2039 R	.05754
6	2024	LOWM X	106	106	2069 R	.05965
6	2025	LOWM X	42	42	2033 R	.05488

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6	2025	LOWM X	22	22	2032 R	.05460	
6	2029	LOWM X	290	290	2049 R	.05754	
6	2029	LOWM X	1898	1898	2044 R	.05648	
6	2029	LOWM X	11	11	2039 R	.05543	
6	2029	LOWM X	38	38	2054 R	.05859	
6	2029	LOWM X	232	232	2059 R	.05965	
6	2029	LOWM X	1570	1570	2079 R	.05965	
6	2032	LOWM X	22	22	2039 R	.05460	
6	2033	LOWM X	42	42	2041 R	.05488	
6	2039	LOWM X	11	11	2049 R	.05543	
6	2039	LOWM X	22	22	2046 R	.05460	
6	2039	LOWM X	9671	9671	2074 R	.05965	
6	2039	LOWM X	291	291	2059 R	.05754	
6	2041	LOWM X	42	42	2049 R	.05488	
6	2044	LOWM X	801	801	2069 R	.05859	
6	2044	LOWM X	1898	1898	2059 R	.05648	
6	2046	LOWM X	22	22	2053 R	.05460	
6	2049	LOWM X	8896	8896	2084 R	.05965	
6	2049	LOWM X	290	290	2069 R	.05754	
6	2049	LOWM X	42	42	2057 R	.05488	
6	2049	LOWM X	11	11	2059 R	.05543	
6	2049	LOWM X	9908	9908	2089 R	.05965	
6	2003	LSFW X	4897	4897	2023 R	.05754	
6	2003	LSFW X	975	975	2013 R	.05543	
6	2003	LSFW X	45	45	2008 R	.05360	
6	2004	LSFW X	535	535	2011 R	.05460	
6	2007	LSFW X	489	489	2019 R	.05585	
6	2007	LSFW X	102	102	2015 R	.05488	
6	2008	LSFW X	947	947	2033 R	.05859	
6	2008	LSFW X	45	45	2013 R	.05360	
6	2011	LSFW X	535	535	2018 R	.05460	
6	2013	LSFW X	975	975	2023 R	.05543	
6	2013	LSFW X	1053	1053	2028 R	.05648	
6	2013	LSFW X	45	45	2018 R	.05360	
6	2013	LSFW X	2080	2080	2043 R	.05965	
6	2015	LSFW X	102	102	2023 R	.05488	
6	2018	LSFW X	1069	1069	2053 R	.05965	
6	2018	LSFW X	45	45	2023 R	.05360	
6	2018	LSFW X	535	535	2025 R	.05460	

						Prtg.txt
6	2019	LSFW X	489	489	2031 R	.05585
6	2023	LSFW X	102	102	2031 R	.05488
6	2023	LSFW X	45	45	2028 R	.05360
6	2023	LSFW X	975	975	2033 R	.05543
6	2023	LSFW X	4897	4897	2043 R	.05754
6	2023	LSFW X	6744	6744	2063 R	.05965
6	2025	LSFW X	535	535	2032 R	.05460
6	2028	LSFW X	45	45	2033 R	.05360
6	2028	LSFW X	1053	1053	2043 R	.05648
6	2028	LSFW X	1007	1007	2073 R	.05965
6	2031	LSFW X	102	102	2039 R	.05488
6	2031	LSFW X	489	489	2043 R	.05585
6	2032	LSFW X	535	535	2039 R	.05460
6	2033	LSFW X	947	947	2058 R	.05859
6	2033	LSFW X	975	975	2043 R	.05543
6	2033	LSFW X	15735	15735	2083 R	.05965
6	2033	LSFW X	45	45	2038 R	.05360
6	2038	LSFW X	45	45	2043 R	.05360
6	2039	LSFW X	102	102	2047 R	.05488
6	2039	LSFW X	535	535	2046 R	.05460
6	2043	LSFW X	1053	1053	2058 R	.05648
6	2043	LSFW X	975	975	2053 R	.05543
6	2043	LSFW X	45	45	2048 R	.05360
6	2043	LSFW X	2080	2080	2073 R	.05965
6	2043	LSFW X	4897	4897	2063 R	.05754
6	2043	LSFW X	489	489	2055 R	.05585
6	2046	LSFW X	535	535	2053 R	.05460
6	2047	LSFW X	102	102	2055 R	.05488
6	2048	LSFW X	45	45	2053 R	.05360
6	2000	MCNA X	430	430	2015 R	.05648
6	2003	MCNA X	95	95	2015 R	.05585
6	2003	MCNA X	56	56	2011 R	.05488
6	2004	MCNA X	27	27	2011 R	.05460
6	2005	MCNA X	153	153	2015 R	.05543
6	2005	MCNA X	858	858	2030 R	.05859
6	2005	MCNA X	18905	18905	2055 R	.05965
6	2011	MCNA X	27	27	2018 R	.05460
6	2011	MCNA X	56	56	2019 R	.05488
6	2015	MCNA X	153	153	2025 R	.05543

						Prtg.txt
6	2015	MCNA	X	430	430	2030 R .05648
6	2015	MCNA	X	1161	1161	2035 R .05754
6	2015	MCNA	X	95	95	2027 R .05585
6	2018	MCNA	X	27	27	2025 R .05460
6	2019	MCNA	X	56	56	2027 R .05488
6	2025	MCNA	X	153	153	2035 R .05543
6	2025	MCNA	X	59353	59353	2060 R .05965
6	2025	MCNA	X	27	27	2032 R .05460
6	2027	MCNA	X	95	95	2039 R .05585
6	2027	MCNA	X	56	56	2035 R .05488
6	2030	MCNA	X	430	430	2045 R .05648
6	2030	MCNA	X	858	858	2055 R .05859
6	2032	MCNA	X	27	27	2039 R .05460
6	2035	MCNA	X	56	56	2043 R .05488
6	2035	MCNA	X	30454	30454	2075 R .05965
6	2035	MCNA	X	1161	1161	2055 R .05754
6	2035	MCNA	X	153	153	2045 R .05543
6	2039	MCNA	X	27	27	2046 R .05460
6	2039	MCNA	X	95	95	2051 R .05585
6	2043	MCNA	X	56	56	2051 R .05488
6	2045	MCNA	X	430	430	2060 R .05648
6	2045	MCNA	X	153	153	2055 R .05543
6	2046	MCNA	X	27	27	2053 R .05460
6	2002	MINI	X	114	114	2017 R .05648
6	2002	MINI	X	3597	3597	2047 R .05965
6	2007	MINI	X	6382	6382	2057 R .05965
6	2007	MINI	X	2103	2103	2032 R .05859
6	2007	MINI	X	15	15	2017 R .05543
6	2007	MINI	X	5492	5492	2052 R .05965
6	2007	MINI	X	64	64	2037 R .05965
6	2007	MINI	X	76	76	2022 R .05648
6	2017	MINI	X	15	15	2027 R .05543
6	2017	MINI	X	79	79	2047 R .05965
6	2017	MINI	X	1761	1761	2042 R .05859
6	2017	MINI	X	4254	4254	2067 R .05965
6	2017	MINI	X	249	249	2037 R .05754
6	2017	MINI	X	114	114	2032 R .05648
6	2017	MINI	X	84	84	2037 R .05754
6	2022	MINI	X	76	76	2037 R .05648

						Prtg.txt
6	2022	MINI X	2791	2791	2057 R	.05965
6	2027	MINI X	663	663	2062 R	.05965
6	2027	MINI X	15	15	2037 R	.05543
6	2032	MINI X	114	114	2047 R	.05648
6	2032	MINI X	2103	2103	2057 R	.05859
6	2037	MINI X	1469	1469	2077 R	.05965
6	2037	MINI X	84	84	2057 R	.05754
6	2037	MINI X	5666	5666	2077 R	.05965
6	2037	MINI X	64	64	2067 R	.05965
6	2037	MINI X	249	249	2057 R	.05754
6	2037	MINI X	15	15	2047 R	.05543
6	2037	MINI X	76	76	2052 R	.05648
6	2042	MINI X	1761	1761	2067 R	.05859
6	2047	MINI X	79	79	2077 R	.05965
6	2047	MINI X	114	114	2062 R	.05648
6	2047	MINI X	3597	3597	2092 R	.05965
6	2047	MINI X	15	15	2057 R	.05543
6	2001	THED X	44	44	2008 R	.05460
6	2003	THED X	1702	1702	2018 R	.05648
6	2004	THED X	1171	1171	2019 R	.05648
6	2004	THED X	40	40	2009 R	.05360
6	2007	THED X	66	66	2015 R	.05488
6	2007	THED X	9	9	2019 R	.05585
6	2008	THED X	17817	17817	2043 R	.05965
6	2008	THED X	44	44	2015 R	.05460
6	2009	THED X	17997	17997	2059 R	.05965
6	2009	THED X	1	1	2019 R	.05543
6	2009	THED X	40	40	2014 R	.05360
6	2009	THED X	2363	2363	2034 R	.05859
6	2013	THED X	1805	1805	2033 R	.05754
6	2013	THED X	14425	14425	2053 R	.05965
6	2014	THED X	40	40	2019 R	.05360
6	2015	THED X	44	44	2022 R	.05460
6	2015	THED X	66	66	2023 R	.05488
6	2018	THED X	1702	1702	2033 R	.05648
6	2019	THED X	40	40	2024 R	.05360
6	2019	THED X	1	1	2029 R	.05543
6	2019	THED X	9	9	2031 R	.05585
6	2019	THED X	1171	1171	2034 R	.05648

						Prtg.txt
6	2019	THED X	1151	1151	2039 R	.05754
6	2022	THED X	44	44	2029 R	.05460
6	2023	THED X	209	209	2048 R	.05859
6	2023	THED X	66	66	2031 R	.05488
6	2023	THED X	5359	5359	2073 R	.05965
6	2024	THED X	40	40	2029 R	.05360
6	2029	THED X	40	40	2034 R	.05360
6	2029	THED X	1	1	2039 R	.05543
6	2029	THED X	64712	64712	2064 R	.05965
6	2029	THED X	44	44	2036 R	.05460
6	2031	THED X	66	66	2039 R	.05488
6	2031	THED X	9	9	2043 R	.05585
6	2033	THED X	1702	1702	2048 R	.05648
6	2033	THED X	1805	1805	2053 R	.05754
6	2034	THED X	40	40	2039 R	.05360
6	2034	THED X	1171	1171	2049 R	.05648
6	2034	THED X	2363	2363	2059 R	.05859
6	2036	THED X	44	44	2043 R	.05460
6	2039	THED X	1	1	2049 R	.05543
6	2039	THED X	40	40	2044 R	.05360
6	2039	THED X	66	66	2047 R	.05488
6	2039	THED X	40858	40858	2079 R	.05965
6	2039	THED X	1151	1151	2059 R	.05754
6	2043	THED X	9	9	2055 R	.05585
6	2043	THED X	17817	17817	2078 R	.05965
6	2043	THED X	44	44	2050 R	.05460
6	2044	THED X	40	40	2049 R	.05360
6	2047	THED X	66	66	2055 R	.05488
6	2048	THED X	209	209	2073 R	.05859
6	2048	THED X	1702	1702	2063 R	.05648
6	2049	THED X	40	40	2054 R	.05360
6	2049	THED X	1	1	2059 R	.05543
6	2049	THED X	1171	1171	2064 R	.05648
6	2001	YAKC X	693	693	2046 R	.05965
6	2001	YAKC X	23	23	2016 R	.05648
6	2006	YAKC X	54	54	2016 R	.05543
6	2006	YAKC X	2959	2959	2056 R	.05965
6	2006	YAKC X	844	844	2031 R	.05859
6	2016	YAKC X	54	54	2026 R	.05543

						Prtg.txt
6	2016	YAKC X	23	23	2031 R	.05648
6	2016	YAKC X	54	54	2046 R	.05965
6	2016	YAKC X	81	81	2036 R	.05754
6	2026	YAKC X	429	429	2061 R	.05965
6	2026	YAKC X	54	54	2036 R	.05543
6	2031	YAKC X	23	23	2046 R	.05648
6	2031	YAKC X	844	844	2056 R	.05859
6	2036	YAKC X	81	81	2056 R	.05754
6	2036	YAKC X	447	447	2076 R	.05965
6	2036	YAKC X	54	54	2046 R	.05543
6	2046	YAKC X	54	54	2076 R	.05965
6	2046	YAKC X	23	23	2061 R	.05648
6	2046	YAKC X	693	693	2091 R	.05965
6	2046	YAKC X	54	54	2056 R	.05543
6	2003	YAKR X	2	2	2018 R	.05648
6	2003	YAKR X	188	188	2048 R	.05965
6	2008	YAKR X	331	331	2058 R	.05965
6	2008	YAKR X	95	95	2033 R	.05859
6	2018	YAKR X	8	8	2038 R	.05754
6	2018	YAKR X	4	4	2048 R	.05965
6	2018	YAKR X	2	2	2033 R	.05648
6	2028	YAKR X	58	58	2063 R	.05965
6	2033	YAKR X	2	2	2048 R	.05648
6	2033	YAKR X	95	95	2058 R	.05859
6	2038	YAKR X	8	8	2058 R	.05754
6	2038	YAKR X	113	113	2078 R	.05965
6	2048	YAKR X	4	4	2078 R	.05965
6	2048	YAKR X	188	188	2093 R	.05965
6	2048	YAKR X	2	2	2063 R	.05648

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BPA REPLACEMENTS

INSERVICE		ORIGINAL	CURRENT	DATE	INTEREST
DATE	PROJECT	PRINCIPAL	PRINCIPAL	DUE	RATE

NUMBER OF INVESTMENTS FOR THIS STUDY IS 2173

1
1

REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL
 OCTOBER 1,1998 - SEPTEMBER 30,1999 COST EVALUATION PERIOD
 REPAY 99 GS6 - GENERATION, FINAL, 1996 RATE CASE DEBT BUYOUT
 GENERATION

SUMMARY OF SOLUTION STEPS

PRIMARY ITERATION NUMBER	TRIAL REVENUE FACTOR	SECONDARY ITERATIONS REQUIRED	RESULTS
1	1.000000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 1999
2	1.500000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
3	1.250000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
4	1.120000	3	CONVERGED TO A VALID REPAYMENT SCHEDULE
5	1.060000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 1999
6	1.090000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
7	1.105000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
8	1.097000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
9	1.093000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
10	1.095000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
11	1.096000	3	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003

12	1.096500	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
13	1.096250	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
14	1.096120	3	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
15	1.096180	3	ACCUMULATED REVENUES INSUFFICIENT IN YEAR 2008
16	1.096210	3	ACCUMULATED REVENUES INSUFFICIENT IN YEAR 2008
17	1.096250	1	CONVERGED TO MINIMUM REPAYMENT SCHEDULE

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F E D E R A L C O L U M B I A R I V E R P O W E R S Y S

REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL

OCTOBER 1,1998 - SEPTEMBER 30,1999 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)

TABLE A FISCAL

0	1	2	3	4	5	6	7
OFISCAL YEAR	REVENUE ENDING SEPT 30 + (-) DEFICIT OCUMULATIVE	REVENUE REQUIREMENT	ANNUAL OBLIGATIONS	PURCHASE AND EXCHANGE POWER	GROSS INTEREST	IRRIGATION AMORTIZATION	IRRIGATION AMORTIZATIO
1996			1,925,217		3,301,041	1,461,448	
1997		1,101,765	144,603	564,891	272,176	94,952	25,143
1998		1,122,081	150,060	586,918	286,837	98,266	

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1999	1,132,838	155,070	657,860	292,412	27,496	
2000	1,132,838	155,070	662,197	295,841	19,730	
2001	1,132,838	155,070	657,559	294,560	15,546	10,103
2002	1,132,838	155,070	610,182	292,850	74,736	
2003	1,132,838	155,070	684,195	293,358	215	
2004	1,132,838	155,070	615,366	294,673	66,975	754
2005	1,132,838	155,070	579,383	291,996	106,389	
2006	1,132,838	155,070	596,701	289,233	91,834	
2007	1,132,838	155,070	613,184	285,495	79,089	
2008	1,132,838	155,070	613,324	283,043	78,451	2,950
2009	1,132,838	155,070	595,612	279,862	94,696	7,598
2010	1,132,838	155,070	595,932	275,855	105,981	
2011	1,132,838	155,070	595,065	272,320	110,383	
2012	1,132,838	155,070	588,960	266,212	121,790	806
2013	1,132,838	155,070	392,750	259,942	280,003	45,073
2014	1,132,838	155,070	393,186	242,563	295,666	46,353
2015	1,132,838	155,070	390,224	221,099	313,599	52,846

			Prtg.txt			
2016	1,132,838	155,070	369,370	201,211	344,973	62,214
2017	1,132,838	155,070	261,056	178,957	473,942	63,813
2018	1,132,838	155,070	90,083	152,208	711,658	23,819
2019	1,132,838	155,070	261,676	120,024	529,342	66,726
2020	1,132,838	155,070	261,681	88,654	593,833	33,600
2021	1,132,838	155,070	258,742	51,056	650,278	17,692
2022	1,132,838	155,070	259,241	16,843	685,617	16,067
2023	1,132,838	155,070	259,464	-18,328	286,644	305,205
144,783						
2024	1,132,838	155,070	245,999	-32,600	14,419	
749,950						
2025	1,132,838	155,070	245,107	-30,380	90,181	
672,860						
2026	1,132,838	155,070	244,551	-32,874	7,094	
758,997						
2027	1,132,838	155,070	244,551	-29,827	109,556	
653,488						
2028	1,132,838	155,070	244,551	-27,695	181,863	
579,049						
2029	1,132,838	155,070	244,551	-31,001	70,007	
694,211						
2030	1,132,838	155,070	243,551	-32,895	7,860	
759,252						
2031	1,132,838	155,070	243,551	-32,911	7,283	
759,845						
2032	1,132,838	155,070	243,551	-31,841	43,230	
722,828						
2033	1,132,838	155,070	243,551	-32,134	33,662	
732,689						

			Prtg.txt			
2034	1,132,838	155,070	243,551	-32,767	11,970	
755,014						
2035	1,132,838	155,070	243,551	-31,590	51,726	
714,081						
2036	1,132,838	155,070	243,551	-33,031	3,191	
764,057						
2037	1,132,838	155,070	243,551	-30,597	84,851	
679,963						
2038	1,132,838	155,070	243,551	-32,758	12,573	
754,402						
2039	1,132,838	155,070	243,551	-31,535	53,322	
712,430						
2040	1,132,838	155,070	243,551	-31,848	42,690	
723,375						
2041	1,132,838	155,070	243,551	-32,087	34,751	
731,553						
2042	1,132,838	155,070	243,551	-32,587	18,137	
748,667						
2043	1,132,838	155,070	243,551	-31,729	47,100	
718,846						
2044	1,132,838	155,070	243,551	-32,987	4,660	
762,544						
2045	1,132,838	155,070	243,551	-32,643	16,450	
750,410						
2046	1,132,838	155,070	243,551	-30,476	88,924	
675,769						
2047	1,132,838	155,070	243,551	-27,473	190,387	
571,303						
2048	1,132,838	155,070	243,551	-28,874	142,820	
620,271						
2049	1,132,838	155,070	243,551	-32,513	20,495	
746,235						
0 TOTALS	59,998,584	8,203,233	19,355,132	5,261,299	7,741,286	780,762
18,656,872						

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REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL

OCTOBER 1,1998 - SEPTEMBER 30,1999 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)

TABLE B FISCAL

0	1	2	3	4	5	6	7
8		9					
10							
0							
INVESTMENT PLACED IN SERVICE							
IRRIGATION ASSISTANCE							
FISCAL -----							

YEAR	INITIAL	REPLACE-	CUMULATIVE	AMORTI-	TERM	CUM	
ULATIVE	PROJECT +	MENTS =	AMOUNT IN	ZATION =	INVESTMENT	AM	
ENDING	AMORTI- =		SERVICE	9-30	SCHEDULE	S	
OUNT IN	THRU 9-30	THRU 9-30		INVESTMENT			
UNAMORTIZED	ZATION						
SEPT 30							
ERVICE							
AMOUNT							
OCUMULATIVE							
1996	5,557,759	187,364	5,745,123	1,461,448	4,283,675	5,286,079	
780,762							
780,762							
1997	261,262	1,809	6,008,194	94,952	4,451,794	5,468,950	
780,762	25,143						
755,619							
1998	260,818	1,351	6,270,363	98,266	4,615,697	5,652,416	
780,762							
755,619							
1999	165,899	2,820	6,439,082	27,496	4,756,920	5,750,034	
780,762							
755,619							
2000		3,725	6,442,807	19,730	4,740,915	5,737,091	
780,762							
755,619							

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2001 780,762 745,516	10,103	8,087	6,450,894	15,546	4,733,456	5,676,838
2002 780,762 745,516		24,916	6,475,810	74,736	4,683,636	5,635,748
2003 780,762 745,516		113,603	6,589,413	215	4,797,024	5,519,510
2004 780,762 744,762	754	16,995	6,606,408	66,975	4,747,044	5,401,399
2005 780,762 744,762		76,606	6,683,014	106,389	4,717,261	5,323,524
2006 780,762 744,762		17,613	6,700,627	91,834	4,643,040	5,285,033
2007 780,762 744,762		43,823	6,744,450	79,089	4,607,774	5,122,255
2008 780,762 741,812	2,950	37,148	6,781,598	78,451	4,566,471	4,950,725
2009 780,762 734,214	7,598	30,762	6,812,360	94,696	4,502,537	4,892,567
2010 787,704 741,156		35,508	6,847,868	105,981	4,432,064	4,861,772
2011 794,270 747,722		93,853	6,941,721	110,383	4,415,534	4,905,158
2012 797,746 750,392	806	9,272	6,950,993	121,790	4,303,016	4,803,500

			Prtg.txt				
2013		161,758	7,112,751	280,003	4,184,771	4,788,774	
817,539	45,073						
725,112							
2014		12,050	7,124,801	295,666	3,901,155	4,705,485	
855,069	46,353						
716,289							
2015		15,653	7,140,454	313,599	3,603,209	4,590,815	
860,176	52,846						
668,550							
2016		25,015	7,165,469	344,973	3,283,251	4,511,675	
865,570	62,214						
611,730							
2017		114,138	7,279,607	473,942	2,923,447	4,549,271	
900,823	63,813						
583,170							
2018		239,769	7,519,376	711,658	2,451,558	4,689,491	
952,010	23,819						
610,538							
2019		14,397	7,533,773	529,342	1,936,613	4,522,218	
962,912	66,726						
554,714							
2020		20,948	7,554,721	593,833	1,363,728	4,419,260	
984,170	33,600						
542,372							
2021		66,179	7,620,900	650,278	779,629	4,388,673	1
,023,377	17,692						
563,887							
2022		107,277	7,728,177	685,617	201,289	4,422,295	1
,062,426	16,067						
586,869							
2023		85,355	7,813,532	286,644		4,308,975	1
,091,506	305,205						
310,744							
2024		14,419	7,827,951	14,419		4,315,086	1
,133,312							
352,550							
2025		90,181	7,918,132	90,181		4,140,647	1

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,153,349
372,587

2026 ,186,577 405,815	7,094	7,925,226	7,094	3,895,210	1
2027 ,218,805 438,043	109,556	8,034,782	109,556	3,882,047	1
2028 ,252,191 471,429	181,863	8,216,645	181,863	3,772,963	1
2029 ,296,988 516,226	70,007	8,286,652	70,007	3,573,763	1
2030 ,326,951 546,189	7,860	8,294,512	7,860	3,559,906	1
2031 ,356,914 576,152	7,283	8,301,795	7,283	3,514,984	1
2032 ,387,034 606,272	43,230	8,345,025	43,230	3,316,215	1
2033 ,427,458 646,696	33,662	8,378,687	33,662	2,995,458	1
2034 ,467,882 687,120	11,970	8,390,657	11,970	2,988,988	1
2035 ,497,089 716,327	51,726	8,442,383	51,726	2,979,010	1
2036 ,525,638 744,876	3,191	8,445,574	3,191	2,978,912	1
2037	84,851	8,530,425	84,851	2,972,719	1

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,554,346					
773,584					
2038	12,573	8,542,998	12,573	2,952,110	1
,583,656					
802,894					
2039	53,322	8,596,320	53,322	2,992,968	1
,612,967					
832,205					
2040	42,690	8,639,010	42,690	2,990,129	1
,646,802					
866,040					
2041	34,751	8,673,761	34,751	2,945,582	1
,680,638					
899,876					
2042	18,137	8,691,898	18,137	2,914,738	1
,715,332					
934,570					
2043	47,100	8,738,998	47,100	2,728,406	1
,750,027					
969,265					
2044	4,660	8,743,658	4,660	2,608,978	1
,782,968					
1,002,206					
2045	16,450	8,760,108	16,450	2,517,805	1
,815,909					
1,035,147					
2046	88,924	8,849,032	88,924	2,334,276	1
,849,008					
1,068,246					
2047	190,387	9,039,419	190,387	2,321,730	1
,888,733					
1,107,971					
2048	142,820	9,182,239	142,820	2,159,492	1
,928,616					
1,147,854					
2049	20,495	9,202,734	20,495	2,106,777	1
,968,499					

1,187,737
 0 TOTALS 6,245,738 2,956,996 9,202,734
 780,762

LINES MAY NOT ADD ACROSS BECAUSE OF ROUND OFF ERRORS

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SUMMARY OF INTEREST EXPENSE GENERATION FY 1999 REPAYMENT STUDY FOR 199
 6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2004	2005	1997	1998	1999	2000	2001	2002	20
03									
2006									
BUREAU OF RECLAMATION									
61	351	351	193	208	222	229	229	292	3
351									
58	4,302	4,302	2,003	2,216	2,334	2,414	2,320	1,413	2,8
4,302									
78	28,578	28,578	28,578	28,578	28,578	28,578	28,578	28,578	28,5
28,578									
92	3,807	3,807	1,781	1,811	1,827	1,829	1,099	1,099	2,2
3,807									
00	3,500	3,500	1,724	3,264	3,278	3,280	3,279	3,389	3,5

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3,500								
YAKIMA-CHANDLER	83	83	83	83	105	125	1	
25 125 125								
239								
YAKIMA-ROZA	62	63	65	65	65	65		
71 76 76								
76								
TOTAL BUREAU	34,424	36,223	36,387	36,478	35,675	34,961	37,7	
85 40,739 40,739								
40,853								
CORPS OF ENGINEERS								
ALBENI FALLS	1,342	1,353	1,353	1,354	1,356	1,356	1,3	
59 1,362 1,516								
540								
BONNEVILLE	5,192	6,332	7,393	7,770	7,862	7,953	7,9	
54 7,954 7,954								
7,956								
BONNEVILLE - 2ND POW	25,688	25,688	25,688	25,688	25,688	25,688	25,6	
88 25,688 25,688								
25,688								
CHIEF JOSEPH	20,989	21,000	21,000	21,000	21,000	21,035	21,0	
79 21,087 21,087								
20,941								
COUGAR	666	666	666	666	666	666	6	
66 711 757								
757								
COLUMBIA RIVER FISH	8,925	15,556	20,907	22,022	22,022	22,022	22,0	
22 22,022 22,022								
22,022								
DETROIT-BIG CLIFF	1,504	1,504	1,504	1,504	1,504	1,505	1,3	
14 1,431 232								
232								
DWORSHAK	10,214	10,218	10,218	10,218	10,218	10,219	10,3	
02 10,384 10,385								
10,386								
GREEN PETER-FOSTER	1,784	1,787	1,787	1,787	1,787	1,893	2,0	

51	2,103	2,103							
2,103									
HILLS CREEK			671	671	671	671	671	716	7
62	762	762							
762									
ICE HARBOR FISH BYPA									
ICE HARBOR			4,751	4,795	4,795	4,795	4,796	5,163	5,5
29	5,529	5,530							
5,530									
JOHN DAY			15,811	15,816	15,816	15,885	15,953	15,953	15,9
53	15,953	17,225							
18,499									
LIBBY			16,924	16,968	16,968	16,973	17,045	17,112	17,1
12	17,114	17,115							
17,164									
LITTLE GOOSE FISH BY									
LITTLE GOOSE			8,558	8,558	8,558	8,558	8,606	8,656	8,6
58	8,660	8,660							
9,013									
LOWER GRANITE FISH B									
LOWER MONUMENTAL FIS									
LOOKOUT POINT-DEXTER			2,193	2,193	2,193	2,206	2,220	2,220	2,2
21	2,222	2,364							
587									
LOST CREEK			989	989	989	989	989	993	9
98	998	998							
998									
LOWER GRANITE			12,095	12,095	12,095	12,101	12,106	12,106	12,1
10	12,113	12,222							
12,331									
LOWER MONUMENTAL			8,792	8,798	8,798	8,798	8,799	8,800	8,8
00	9,090	9,380							
9,380									
MCNARY			10,908	10,908	10,908	10,920	10,932	10,932	10,9
37	10,941	9,051							

6,406

MCNARY FISH BYPASS

STRUBE

THE DALLES			11,609	11,625	11,625	11,625	11,626	11,627	11,6
75	11,757	11,791							
11,791									

TOTAL CORPS			169,605	177,520	183,932	185,530	185,846	186,615	187,1
90	187,881	186,842							
183,086									

LOWER SNAKE F AND W			15,826	16,038	16,129	16,135	16,135	16,135	16,3
04	16,488	16,502							
16,502									

BONNEVILLE POWER ADM

TOTAL APPROPRIATIONS			219,855	229,781	236,448	238,143	237,656	237,711	241,2
79	245,108	244,083							
240,441									

BPA BORROWING

BPA PROGRAM			4,808	5,654	6,618	6,919	6,918	6,917	6,9
16	6,915	6,914							
6,913									

BPA CONSERVATION			52,356	50,025	45,639	46,829	46,412	46,412	40,7
03	40,703	40,448							
40,448									

FISH, WILDLIFE & ENV			7,836	9,591	11,316	9,940	9,940	9,940	9,9
40	9,940	9,940							
9,940									

BUREAU DIRECT FUND			6,098	7,142	8,778	9,971	9,971	9,971	9,9
71	9,971	9,971							

9,971

IRRIGATION ASSISTANC

PREMIUMS	82	3,395	26	196	1	1		
1 52 1								
236								
0LESS								
0 AFUDC								
0 INTEREST INCOME	18,859	18,751	16,413	16,157	16,338	18,102	15,4	
52 18,016 19,361								
18,716								
0TOTAL BPA BORROWING	52,321	57,056	55,964	57,698	56,904	55,139	52,0	
79 49,565 47,913								
48,792								
-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTALS	272,176	286,837	292,412	295,841	294,560	292,850	293,3	
58 294,673 291,996								
289,233								
1								

SUMMARY OF INTEREST EXPENSE GENERATION FY 1999 REPAYMENT STUDY FOR 199
 6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2007	2008	2009	2010	2011	2012	20
13 2014 2015							
2016							

BUREAU OF RECLAMATION

			Prtg.txt						
BOISE			376	401	401	401	401	400	3
94	389	385							
385									
COLUMBIA BASIN			4,501	4,793	4,885	4,885	4,885	4,882	6,3
48	7,814	7,814							
7,814									
COLUMBIA BASIN - 3RD			28,578	28,578	28,578	28,578	28,578	28,578	28,5
78	28,578	28,578							
22,576									
HUNGRY HORSE			3,807	3,807	3,807	3,807	3,807	3,799	3,8
42	3,884	3,884							
3,884									
MINIDOKA			3,913	4,334	4,305	4,305	4,300	4,300	4,3
00	4,300	4,300							
4,300									
YAKIMA-CHANDLER			354	354	354	354	354	354	3
54	354	354							
360									
YAKIMA-ROZA			71	84	62	62	62	62	
62	62	62							
62									
TOTAL BUREAU			41,600	42,351	42,392	42,392	42,387	42,375	43,8
78	45,381	45,377							
39,381									
CORPS OF ENGINEERS									
ALBENI FALLS			540	540	540	540	535	535	5
35	535	591							
582									
BONNEVILLE			8,069	8,184	8,184	8,184	10,196	12,230	12,2
65	12,261	12,261							
11,282									
BONNEVILLE - 2ND POW			25,688	25,688	25,688	25,688	25,688	25,688	25,6
88	25,688	25,688							
25,688									
CHIEF JOSEPH			20,448	18,252	15,767	15,767	15,766	15,766	17,5
74	19,383	19,383							

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17,206								
COUGAR			757	757	758	759	759	759
59	781	135						7
135								
COLUMBIA RIVER FISH			22,022	22,022	22,022	22,022	22,022	22,022
22	22,022	22,022						22,0
22,022								
DETROIT-BIG CLIFF			232	232	232	233	232	232
32	246	258						2
258								
DWORSHAK			10,386	10,733	11,082	11,084	11,084	11,084
98	11,701	11,701						11,3
11,701								
GREEN PETER-FOSTER			2,163	2,270	2,319	2,319	2,319	2,344
86	2,406	2,406						2,3
2,406								
HILLS CREEK			777	792	792	792	792	810
66	166	166						1
166								
ICE HARBOR FISH BYPA								
ICE HARBOR			5,557	5,583	5,583	5,584	5,764	6,101
12	3,112	3,111						3,1
1,778								
JOHN DAY			18,503	18,503	18,503	19,314	20,123	20,123
23	20,123	20,176						20,1
20,123								
LIBBY			17,211	17,211	17,211	17,218	17,499	17,769
69	17,769	11,406						17,7
6,463								
LITTLE GOOSE FISH BY								
LITTLE GOOSE			9,365	9,392	9,419	9,419	9,727	10,034
10	10,583	10,583						10,3
10,615								
LOWER GRANITE FISH B								
LOWER MONUMENTAL FIS								

			Prtg.txt					
LOOKOUT POINT-DEXTER	587		587	587	587	587	587	5
87	587	617						
612								
LOST CREEK	999		1,001	1,001	1,001	1,001	1,044	1,0
86	1,086	1,086						
103								
LOWER GRANITE	12,332		12,341	12,350	12,588	12,825	12,825	13,1
04	13,383	13,633						
10,959								
LOWER MONUMENTAL	9,380		9,380	9,685	9,989	9,990	9,989	9,9
89	10,308	10,627						
10,627								
MCNARY	3,590		1,351	1,351	1,351	1,354	1,351	1,3
51	1,351	1,403						
1,418								
MCNARY FISH BYPASS								
STRUBE								
THE DALLES	11,793		12,328	11,201	9,287	6,626	5,776	6,2
58	6,741	6,743						
6,740								
TOTAL CORPS	180,399		177,147	174,275	173,726	174,889	177,069	176,7
14	180,232	173,996						
160,884								
LOWER SNAKE F AND W	16,519		16,564	16,590	16,590	16,605	16,590	16,7
10	16,773	16,776						
16,773								
BONNEVILLE POWER ADM								
TOTAL APPROPRIATIONS	238,518		236,062	233,257	232,708	233,881	236,034	237,3
02	242,386	236,149						
217,038								

BPA BORROWING

BPA PROGRAM	6,912	6,911	6,909	6,393	5,586	4,931	4,9
31 2,909 931							
931							
BPA CONSERVATION	39,685	39,685	39,685	36,265	33,849	31,634	29,1
31 17,173 9,061							
9,061							
FISH, WILDLIFE & ENV	8,550	8,550	8,550	8,550	6,901	5,233	3,4
51 1,723							
BUREAU DIRECT FUND	9,971	9,971	9,971	9,971	9,971	7,346	7,3
46 3,273 2,386							
2,386							
IRRIGATION ASSISTANC							
PREMIUMS	1	1	286	826	1,113	376	4,5
10 2,180							
0LESS							
0 AFUDC							
0 INTEREST INCOME	18,142	18,137	18,796	18,858	18,981	19,342	26,7
29 27,081 27,428							
28,205							
0TOTAL BPA BORROWING	46,977	46,981	46,605	43,147	38,439	30,178	22,6
40 177 -15,050							
-15,827							
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TOTALS	285,495	283,043	279,862	275,855	272,320	266,212	259,9
42 242,563 221,099							
201,211							
1							

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 1999

REPAYMENT STUDY FOR 199

(ALL AMOUNTS IN \$1000)

	2024	2025	2017	2018	2019	2020	2021	2022	20
23 2026									
BUREAU OF RECLAMATION									
36			407	415	287	248	248	185	1
02			8,873	15,080	19,758	19,294	19,280	17,122	7,6
			14,839	11,524	2,802	2,802			
13			3,884	3,732	3,314	3,170	3,150	3,092	7
56			4,493	4,669	4,669	1,481	1,472	1,308	2
58			362	362	362	362	279	235	
14									
6			62	62	62	62	40	26	
71			32,920	35,844	31,254	27,419	24,469	21,968	8,7
14									
CORPS OF ENGINEERS									
44		252	582	582	441	368	368	368	2
11		4	13,220	15,155	14,781	10,633	12,423	9,757	6
2									

		Prtg.txt						
	BONNEVILLE - 2ND POW	25,688	7,911					
62	CHIEF JOSEPH	9,451	6,329	7,067	6,991	6,991	3,374	4
	COUGAR	135	135	135	135	135	48	
13	3 COLUMBIA RIVER FISH	22,022	22,022	19,099	10,703	10,703		
	DETROIT-BIG CLIFF	258	259	258	258	258	258	
74	422							
1	DWORSHAK	11,701	11,756	11,600	11,496	1,485	788	6
13	GREEN PETER-FOSTER	2,463	1,673	762	762	759	241	1
39	HILLS CREEK	166	157	157	157	157	83	
36	ICE HARBOR FISH BYPA							
	ICE HARBOR	1,906	1,907	1,871	1,711	1,712	782	2
26								
37	JOHN DAY	20,123	20,127	17,788	10,484	7,541	2,056	3
41	1 LIBBY	6,848	6,626	5,203	5,279	2,087	1,496	1
56	206							
156	LITTLE GOOSE FISH BY							
	LITTLE GOOSE	7,072	7,350	7,502	7,212	3,670	1,515	2
35	LOWER GRANITE FISH B							
	LOWER MONUMENTAL FIS							
	LOOKOUT POINT-DEXTER	612	612	341	341	341	341	
89	356							
	LOST CREEK	138	174	168	168	168	97	
15								

			Prtg.txt						
90	LOWER GRANITE	10,851	10,993	10,962	7,691	2,189	1,120	2	
	1	73							
94	LOWER MONUMENTAL	7,731	7,719	7,873	6,406	2,509	810	1	
	3	2							
58	MCNARY	1,418	1,419	1,384	1,286	1,286	1,286	1	
	1,775								
	MCNARY FISH BYPASS								
	STRUBE								
47	THE DALLES	6,740	6,755	6,774	5,567	3,476	2,414	6	
	1								
43	TOTAL CORPS	149,125	129,661	114,166	87,648	58,258	26,834	4,5	
	430	2,669							
196									
87	LOWER SNAKE F AND W	16,773	16,821	1,152	885	885	578	8	
	15								
	BONNEVILLE POWER ADM								
01	TOTAL APPROPRIATIONS	198,818	182,326	146,572	115,952	83,612	49,380	14,2	
	430	2,684							
210									
	BPA BORROWING								
	BPA PROGRAM	931	931	931	931				
	BPA CONSERVATION	9,061	5,243	2,474					
	FISH, WILDLIFE & ENV								
	BUREAU DIRECT FUND	2,386	2,386	2,386	2,386				

IRRIGATION ASSISTANC

PREMIUMS

1,769

0 LESS
0 AFUDC

0 INTEREST INCOME	32,239	38,678	32,339	32,384	32,556	32,537	32,5
29 33,030	33,064						
33,084							
0 TOTAL BPA BORROWING	-19,861	-30,118	-26,548	-27,298	-32,556	-32,537	-32,5
29 -33,030	-33,064						
-33,084							
	-----	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----	-----
TOTALS	178,957	152,208	120,024	88,654	51,056	16,843	-18,3
28 -32,600	-30,380						
-32,874							
1							

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 1999

REPAYMENT STUDY FOR 199

(ALL AMOUNTS IN \$1000)

33	2034	2035	2027	2028	2029	2030	2031	2032	20
2036									

BUREAU OF RECLAMATION

BOISE

303

26

	COLUMBIA BASIN	1,314	4,555			
	COLUMBIA BASIN - 3RD					
	HUNGRY HORSE		294			1
82	MINIDOKA	20			65	
	YAKIMA-CHANDLER				26	
16	YAKIMA-ROZA		2			
3						
	TOTAL BUREAU	1,637	4,851		26	91
85						1
16						
	CORPS OF ENGINEERS					
	ALBENI FALLS	3		66		
	BONNEVILLE	69	66		103	489
2	BONNEVILLE - 2ND POW					
	CHIEF JOSEPH	1,493	329			142
	COUGAR					
	COLUMBIA RIVER FISH	69				
	DETROIT-BIG CLIFF			33		
	DWORSHAK			1		1
76	GREEN PETER-FOSTER	30	23			

	HILLS CREEK						66	
	ICE HARBOR FISH BYPA							
	ICE HARBOR						473	
	1							
5	JOHN DAY				90			
	LIBBY	1			5		2	
	142							
66	LITTLE GOOSE FISH BY							
	LITTLE GOOSE	2	76			60		
	1	1						
	LOWER GRANITE FISH B							
	LOWER MONUMENTAL FIS							
	LOOKOUT POINT-DEXTER	1			28			
	233							
	LOST CREEK	20						
	LOWER GRANITE		49			2		
	138							
	LOWER MONUMENTAL			117			1	
1	MCNARY	5			37		1	
	947							
	MCNARY FISH BYPASS							
	STRUBE							
	THE DALLES			1,932		2		1
00	103							
1								
	TOTAL CORPS	1,620	477	2,083	226	167	1,174	2

77 354 1,531
 74

LOWER SNAKE F AND W 61 17 15 5
 25

BONNEVILLE POWER ADM

TOTAL APPROPRIATIONS 3,257 5,389 2,083 226 210 1,280 9
 87 354 1,531
 90

BPA BORROWING

BPA PROGRAM

BPA CONSERVATION

FISH, WILDLIFE & ENV

BUREAU DIRECT FUND

IRRIGATION ASSISTANC

PREMIUMS

OLESS

0 AFUDC

0 INTEREST INCOME	33,084	33,084	33,084	33,121	33,121	33,121	33,1
21 33,121 33,121							
33,121							
0TOTAL BPA BORROWING	-33,084	-33,084	-33,084	-33,121	-33,121	-33,121	-33,1
21 -33,121 -33,121							
-33,121							

TOTALS			-29,827	-27,695	-31,001	-32,895	-32,911	-31,841	-32,1
34	-32,767	-31,590							
	-33,031								
1									

SUMMARY OF INTEREST EXPENSE GENERATION FY 1999 REPAYMENT STUDY FOR 199
 6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2037	2038	2039	2040	2041	2042	20
43 2044 2045 2046							
BUREAU OF RECLAMATION							
BOISE							
COLUMBIA BASIN	1,326	235					
COLUMBIA BASIN - 3RD							
HUNGRY HORSE							2
05 MINIDOKA	226					52	
YAKIMA-CHANDLER							
25 YAKIMA-ROZA		3					

			Prtg.txt		
TOTAL BUREAU	1,552	238		52	2
05					
25					
CORPS OF ENGINEERS					
ALBENI FALLS			3		
30					
BONNEVILLE	4			680	29
2,078					
BONNEVILLE - 2ND POW					
CHIEF JOSEPH	774	23			
COUGAR			5		
45					
COLUMBIA RIVER FISH					
DETROIT-BIG CLIFF				1	
11					
DWORSHAK	1				3
52	2				
GREEN PETER-FOSTER	107	52		37	
25					
HILLS CREEK	17			45	
ICE HARBOR FISH BYPA					
ICE HARBOR	66			366	
181					
JOHN DAY			1,273	4	
148					
LIBBY			2		
5					
276					
LITTLE GOOSE FISH BY					

LITTLE GOOSE			32				353	
1								
68								
LOWER GRANITE FISH B								
LOWER MONUMENTAL FIS								
LOOKOUT POINT-DEXTER					1			
16								
LOST CREEK			3					
LOWER GRANITE				17	1			
261								
LOWER MONUMENTAL					297		1	
77								
1								
MCNARY					4			
2		16						
1								
MCNARY FISH BYPASS								
STRUBE								
THE DALLES					1,255			5
32	1							
TOTAL CORPS		972	124	1,568	1,273	1,034	482	9
12	134	478						
2,605								
LOWER SNAKE F AND W			1	18				2
75								
15								
BONNEVILLE POWER ADM								
TOTAL APPROPRIATIONS		2,524	363	1,586	1,273	1,034	534	1,3

92 134 478
 2,645

BPA BORROWING

BPA PROGRAM

BPA CONSERVATION

FISH, WILDLIFE & ENV

BUREAU DIRECT FUND

IRRIGATION ASSISTANC

PREMIUMS

0LESS
 0 AFUDC

0 INTEREST INCOME	33,121	33,121	33,121	33,121	33,121	33,121	33,121	33,121	33,121
21 33,121	33,121								
33,121									
0TOTAL BPA BORROWING	-33,121	-33,121	-33,121	-33,121	-33,121	-33,121	-33,121	-33,121	-33,121
21 -33,121	-33,121								
-33,121									
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTALS	-30,597	-32,758	-31,535	-31,848	-32,087	-32,587	-32,587	-31,7	
29 -32,987	-32,643								
-30,476									
1									

SUMMARY OF INTEREST EXPENSE
 6 FINAL RATE PROPOSAL

GENERATION FY 1999

REPAYMENT STUDY FOR 199

(ALL AMOUNTS IN \$1000)

	2047	2048	2049
BUREAU OF RECLAMATION			
BOISE	27		
COLUMBIA BASIN	5,362	1,466	
COLUMBIA BASIN - 3RD			
HUNGRY HORSE			
MINIDOKA	112		
YAKIMA-CHANDLER			
YAKIMA-ROZA		6	
TOTAL BUREAU	5,501	1,472	
CORPS OF ENGINEERS			
ALBENI FALLS			
BONNEVILLE	1		4
BONNEVILLE - 2ND POW			
CHIEF JOSEPH	36	1,808	
COUGAR			
COLUMBIA RIVER FISH			
DETROIT-BIG CLIFF			
DWORSHAK		281	
GREEN PETER-FOSTER	60	49	
HILLS CREEK			
ICE HARBOR FISH BYPA			
ICE HARBOR			
JOHN DAY			
LIBBY			
LITTLE GOOSE FISH BY			
LITTLE GOOSE		303	
LOWER GRANITE FISH B			

LOWER MONUMENTAL FIS			
LOOKOUT POINT-DEXTER			
LOST CREEK	43		
LOWER GRANITE	2	279	
LOWER MONUMENTAL			570
MCNARY			
MCNARY FISH BYPASS			
STRUBE			
THE DALLES	2	54	34
TOTAL CORPS	144	2,774	608
LOWER SNAKE F AND W	3	1	
BONNEVILLE POWER ADM			
TOTAL APPROPRIATIONS	5,648	4,247	608
BPA BORROWING			
BPA PROGRAM			
BPA CONSERVATION			
FISH, WILDLIFE & ENV			
BUREAU DIRECT FUND			
IRRIGATION ASSISTANC			
PREMIUMS			
0LESS			
0 AFUDC			
0 INTEREST INCOME	33,121	33,121	33,121
0TOTAL BPA BORROWING	-33,121	-33,121	-33,121
	-----	-----	-----
TOTALS	-27,473	-28,874	-32,513
1			

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 1999

REPAYMENT STUDY FOR 199

	TOTALS
BUREAU OF RECLAMATION	
BOISE	9,002
COLUMBIA BASIN	208,352
COLUMBIA BASIN - 3RD	597,525
HUNGRY HORSE	83,223
MINIDOKA	93,694
YAKIMA-CHANDLER	6,823
YAKIMA-ROZA	1,669
TOTAL BUREAU	1,000,288
CORPS OF ENGINEERS	
ALBENI FALLS	21,740
BONNEVILLE	257,478
BONNEVILLE - 2ND POW	547,359
CHIEF JOSEPH	430,800
COUGAR	14,104
COLUMBIA RIVER FISH	504,311
DETROIT-BIG CLIFF	16,892
DWORSHAK	264,968
GREEN PETER-FOSTER	49,705
HILLS CREEK	13,579
ICE HARBOR FISH BYPA	
ICE HARBOR	107,742
JOHN DAY	438,455
LIBBY	356,576
LITTLE GOOSE FISH BY	
LITTLE GOOSE	221,385
LOWER GRANITE FISH B	
LOWER MONUMENTAL FIS	
LOOKOUT POINT-DEXTER	29,856

LOST CREEK	20,332
LOWER GRANITE	292,633
LOWER MONUMENTAL	223,711
MCNARY	129,739
MCNARY FISH BYPASS	
STRUBE	
THE DALLES	236,634
TOTAL CORPS	4,177,999
LOWER SNAKE F AND W	367,611
TOTAL APPROPRIATIONS	5,545,898
BONNEVILLE POWER ADM	
BPA BORROWING	
BPA PROGRAM	116,560
BPA CONSERVATION	751,982
FISH, WILDLIFE & ENV	149,831
BUREAU DIRECT FUND	173,951
IRRIGATION ASSISTANC	
PREMIUMS	15,053
0LESS	
0 AFUDC	
0 INTEREST INCOME	1,491,976
0TOTAL BPA BORROWING	-284,599
TOTALS	5,261,299
1	
1	

APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
1997	BPA CONSERVATION	80,200	1992	1997	80,200	80,200	.05800
	BPA PROGRAM	1,064	1992	2032	2,479	2,479	.08800
	BPA CONSERVATION	13,688	1994	1998	32,699	32,699	.07100

	TOTAL	94,952					
1998	BPA CONSERVATION	19,011	1994	1998	32,699	19,011	.07100
	BPA PROGRAM	7	1992	2032	2,479	1,415	.08800
	BPA CONSERVATION	79,248	1992	2007	100,000	100,000	.07140

	TOTAL	98,266					
1999	BPA PROGRAM	424	1989	1999	424	424	.08950
	BPA PROGRAM	1,410	1989	1999	1,410	1,410	.08950
R	FISH, WILDLIFE & ENVIRONMENTAL	25,000	1989	1999	25,000	25,000	.08950
	BPA PROGRAM	8	1992	2032	2,479	1,408	.08800
	BPA CONSERVATION	654	1992	2007	100,000	20,752	.07140

TOTAL						
		27,496				
2000	BPA PROGRAM	1990	2030	29	29	.09250
	9					
	BPA CONSERVATION	1992	2007	100,000	20,098	.07140
	5,837					
	HUNGRY HORSE	1956	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1955	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1954	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1953	2003	17,228	17,228	.05950
	12,223					
	MINIDOKA	1996	2001	10	10	.05810
	10					
	GREEN PETER-FOSTER	1996	2001	8	8	.05810
	8					
	BOISE	1996	2001	1	1	.05810
	1					
	COLUMBIA BASIN	1956	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1957	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1955	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1954	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1953	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1952	2001	269	269	.05810
R	242					

TOTAL		19,730				

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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
2001	COLUMBIA BASIN		1958	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1959	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1960	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1961	2001	270	270	.05810
	R	270					
	COLUMBIA BASIN		1962	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1963	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1964	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1965	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1966	2001	270	270	.05810
	R	270					
	COLUMBIA BASIN		1967	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1968	2001	269	269	.05810
	R	269					

		Prtg.txt				
R	COLUMBIA BASIN	1969	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1970	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1971	2001	270	270	.05810
	270					
R	COLUMBIA BASIN	1972	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1973	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1974	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1975	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1976	2001	270	270	.05810
	270					
R	COLUMBIA BASIN	1977	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1978	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1979	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1980	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1981	2001	270	270	.05810
	270					
R	COLUMBIA BASIN	1982	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1983	2001	269	269	.05810
	269					
R	COLUMBIA BASIN	1985	2001	245	245	.05810
	245					
	BOISE	1986	2001	93	93	.05810
	93					
	COLUMBIA BASIN	1986	2001	132	132	.05810
	132					
	COLUMBIA BASIN	1987	2001	13	13	.05810
	13					
	COLUMBIA BASIN	1951	2001	8,025	8,025	.05810

			Prtg.txt			
		8,025				
R	COLUMBIA BASIN	27	1952	2001	269	.05810
	BPA PROGRAM	12	1990	2030	29	.09250
	TOTAL	15,546				

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
2002	BPA CONSERVATION	66,000	1989	2002	66,000	66,000	.08650
	HUNGRY HORSE	6	1997	2002	6	6	.05810
	BPA PROGRAM	8	1990	2030	29	8	.09250
	BPA PROGRAM	2	1990	2030	96	96	.09250
R	HUNGRY HORSE	5,005	1953	2003	17,228	5,005	.05950
	DETROIT-BIG CLIFF	3,244	1953	2003	3,244	3,244	.05950
	HUNGRY HORSE		1983	2003	13	13	.05950

			Prtg.txt			
R		13				
	HUNGRY HORSE		1981	2003	19	.05950
R		19				
	HUNGRY HORSE		1980	2003	19	.05950
R		19				
	HUNGRY HORSE		1979	2003	19	.05950
R		19				
	HUNGRY HORSE		1978	2003	19	.05950
R		19				
	HUNGRY HORSE		1977	2003	19	.05950
R		19				
	HUNGRY HORSE		1976	2003	18	.05950
R		18				
	HUNGRY HORSE		1975	2003	18	.05950
R		18				
	HUNGRY HORSE		1974	2003	18	.05950
R		18				
	HUNGRY HORSE		1973	2003	19	.05950
R		19				
	HUNGRY HORSE		1972	2003	19	.05950
R		19				
	HUNGRY HORSE		1971	2003	19	.05950
R		19				
	HUNGRY HORSE		1970	2003	19	.05950
R		19				
	HUNGRY HORSE		1969	2003	19	.05950
R		19				
	HUNGRY HORSE		1968	2003	19	.05950
R		19				
	HUNGRY HORSE		1967	2003	19	.05950
R		19				
	HUNGRY HORSE		1966	2003	18	.05950
R		18				
	HUNGRY HORSE		1965	2003	18	.05950
R		18				
	HUNGRY HORSE		1964	2003	18	.05950
R		18				
	HUNGRY HORSE		1963	2003	19	.05950
R		19				

		Prtg.txt				
R	HUNGRY HORSE	1962	2003	19	19	.05950
R	HUNGRY HORSE	1961	2003	19	19	.05950
R	HUNGRY HORSE	1960	2003	19	19	.05950
R	HUNGRY HORSE	1959	2003	19	19	.05950
R	HUNGRY HORSE	1958	2003	19	19	.05950
R	HUNGRY HORSE	1957	2003	19	19	.05950
R						

TOTAL
74,736

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
2003	HUNGRY HORSE		1957	2003	19	11	.05950
R		11					
	BOISE		1998	2003	193	193	.05440
R		193					
	BPA PROGRAM		1990	2030	96	94	.09250
R		11					

 TOTAL
 215

2004		DETROIT-BIG CLIFF	1957	2004	19	19	.06000
R		19					
	R	DETROIT-BIG CLIFF	1958	2004	20	20	.06000
		20					
	R	DETROIT-BIG CLIFF	1959	2004	19	19	.06000
		19					
	R	DETROIT-BIG CLIFF	1960	2004	20	20	.06000
		20					
	R	DETROIT-BIG CLIFF	1961	2004	19	19	.06000
		19					
	R	DETROIT-BIG CLIFF	1962	2004	20	20	.06000
		20					
	R	DETROIT-BIG CLIFF	1963	2004	19	19	.06000
		19					
	R	DETROIT-BIG CLIFF	1964	2004	20	20	.06000
		20					
	R	DETROIT-BIG CLIFF	1965	2004	19	19	.06000
		19					
	R	DETROIT-BIG CLIFF	1966	2004	20	20	.06000
		20					
	R	DETROIT-BIG CLIFF	1967	2004	19	19	.06000
		19					
	R	DETROIT-BIG CLIFF	1968	2004	20	20	.06000
		20					
	R	DETROIT-BIG CLIFF	1969	2004	19	19	.06000
		19					
	R	DETROIT-BIG CLIFF	1970	2004	20	20	.06000
		20					
	R	DETROIT-BIG CLIFF	1971	2004	19	19	.06000
		19					
	R	DETROIT-BIG CLIFF	1972	2004	20	20	.06000
		20					
	R	DETROIT-BIG CLIFF	1973	2004	19	19	.06000
		19					

		Prtg.txt				
R	DETROIT-BIG CLIFF 20	1974	2004	20	20	.06000
R	DETROIT-BIG CLIFF 19	1975	2004	19	19	.06000
	HUNGRY HORSE 7	1999	2004	7	7	.05360
R	DETROIT-BIG CLIFF 20	1976	2004	20	20	.06000
R	DETROIT-BIG CLIFF 19	1977	2004	19	19	.06000
R	DETROIT-BIG CLIFF 20	1978	2004	20	20	.06000
R	DETROIT-BIG CLIFF 19	1979	2004	19	19	.06000
R	DETROIT-BIG CLIFF 20	1980	2004	20	20	.06000
R	DETROIT-BIG CLIFF 19	1981	2004	19	19	.06000
R	DETROIT-BIG CLIFF 20	1982	2004	20	20	.06000
R	DETROIT-BIG CLIFF 19	1983	2004	19	19	.06000
	DETROIT-BIG CLIFF 6	1985	2004	6	6	.06000
	DETROIT-BIG CLIFF 3	1987	2004	3	3	.06000
	DETROIT-BIG CLIFF 21,373	1954	2004	21,373	21,373	.06000
	MCNARY 37,904	1954	2004	37,904	37,904	.06000
R	DETROIT-BIG CLIFF 19	1955	2004	19	19	.06000
R	DETROIT-BIG CLIFF 20	1956	2004	20	20	.06000

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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	R BPA PROGRAM	10	1990	2030	96	83	.09250
	R BPA CONSERVATION	3,577	1992	2007	100,000	14,261	.07140
	R ALBENI FALLS	11	1957	2005	11	11	.06050
	R LOOKOUT POINT-DEXTER	56	1956	2005	56	56	.06050
	R ALBENI FALLS	12	1956	2005	12	12	.06050
	R MCNARY	3,451	1955	2005	56,972	56,972	.06050
	TOTAL	66,975					
2005	R LOOKOUT POINT-DEXTER	54	1957	2005	54	54	.06050
	R ALBENI FALLS	12	1958	2005	12	12	.06050
	R LOOKOUT POINT-DEXTER	54	1958	2005	54	54	.06050
	R ALBENI FALLS	12	1959	2005	12	12	.06050
	R LOOKOUT POINT-DEXTER	54	1959	2005	54	54	.06050
	R ALBENI FALLS	11	1960	2005	11	11	.06050

		Prtg.txt				
R	11					
	LOOKOUT POINT-DEXTER	1960	2005	54	54	.06050
R	54					
	ALBENI FALLS	1961	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1961	2005	55	55	.06050
R	55					
	ALBENI FALLS	1962	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1962	2005	54	54	.06050
R	54					
	ALBENI FALLS	1963	2005	11	11	.06050
R	11					
	LOOKOUT POINT-DEXTER	1963	2005	54	54	.06050
R	54					
	ALBENI FALLS	1964	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1964	2005	54	54	.06050
R	54					
	ALBENI FALLS	1965	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1965	2005	54	54	.06050
R	54					
	ALBENI FALLS	1966	2005	11	11	.06050
R	11					
	LOOKOUT POINT-DEXTER	1966	2005	54	54	.06050
R	54					
	ALBENI FALLS	1967	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1967	2005	55	55	.06050
R	55					
	ALBENI FALLS	1968	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1968	2005	54	54	.06050
R	54					
	ALBENI FALLS	1969	2005	11	11	.06050
R	11					
	LOOKOUT POINT-DEXTER	1969	2005	54	54	.06050
R	54					

		Prtg.txt				
R	ALBENI FALLS	1970	2005	12	12	.06050
	12					
R	LOOKOUT POINT-DEXTER	1970	2005	54	54	.06050
	54					
R	ALBENI FALLS	1971	2005	12	12	.06050
	12					
R	LOOKOUT POINT-DEXTER	1971	2005	54	54	.06050
	54					
R	ALBENI FALLS	1972	2005	11	11	.06050
	11					
R	LOOKOUT POINT-DEXTER	1972	2005	54	54	.06050
	54					

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 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
	ALBENI FALLS		1973	2005	12	12	.06050
R	12						
	LOOKOUT POINT-DEXTER		1973	2005	55	55	.06050
R	55						
	ALBENI FALLS		1974	2005	12	12	.06050
R	12						
	LOOKOUT POINT-DEXTER		1974	2005	54	54	.06050
R	54						
	ALBENI FALLS		1975	2005	11	11	.06050
R	11						
	LOOKOUT POINT-DEXTER		1975	2005	54	54	.06050

		Prtg.txt				
R	54					
	ALBENI FALLS	1976	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1976	2005	54	54	.06050
R	54					
	ALBENI FALLS	1977	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1977	2005	54	54	.06050
R	54					
	ALBENI FALLS	1978	2005	11	11	.06050
R	11					
	LOOKOUT POINT-DEXTER	1978	2005	54	54	.06050
R	54					
	ALBENI FALLS	1979	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1979	2005	55	55	.06050
R	55					
	ALBENI FALLS	1980	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1980	2005	54	54	.06050
R	54					
	ALBENI FALLS	1981	2005	11	11	.06050
R	11					
	LOOKOUT POINT-DEXTER	1981	2005	54	54	.06050
R	54					
	ALBENI FALLS	1982	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1982	2005	54	54	.06050
R	54					
	ALBENI FALLS	1983	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1983	2005	54	54	.06050
R	54					
	ALBENI FALLS	1985	2005	7	7	.06050
	7					
	LOOKOUT POINT-DEXTER	1985	2005	56	56	.06050
	56					
	ALBENI FALLS	1986	2005	312	312	.06050
	312					

	Prtg.txt				
LOOKOUT POINT-DEXTER 45	1986	2005	45	45	.06050
ALBENI FALLS 12	1987	2005	12	12	.06050
LOOKOUT POINT-DEXTER 9	1987	2005	9	9	.06050
ALBENI FALLS 17,950	1955	2005	17,950	17,950	.06050
CHIEF JOSEPH 2,409	1955	2005	2,409	2,409	.06050
LOOKOUT POINT-DEXTER 30,265	1955	2005	30,265	30,265	.06050
MCNARY 53,521	1955	2005	56,972	53,521	.06050
JOHN DAY 26	2000	2005	26	26	.05360
R BPA PROGRAM 11	1990	2030	96	73	.09250

TOTAL					
					106,389

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____

			Prtg.txt				
2006	R	BONNEVILLE	2001	2006	76	76	.05360
		76					
		MCNARY	1956	2006	41,438	41,438	.06110
		41,438					
		CHIEF JOSEPH	1956	2006	14,590	14,590	.06110
		14,590					
		BPA PROGRAM	1990	2030	96	62	.09250
	R	9					
		BPA CONSERVATION	1992	2007	100,000	10,684	.07140
		10,684					
		FISH, WILDLIFE & ENVIRONMENTAL	1993	2008	20,000	20,000	.06950
		20,000					
		YAKIMA-ROZA	1987	2008	2	2	.06150
		2					
		MINIDOKA	1987	2008	17	17	.06150
		17					
		YAKIMA-ROZA	1986	2008	7	7	.06150
		7					
		MINIDOKA	1986	2008	23	23	.06150
		23					
		YAKIMA-ROZA	1985	2008	80	80	.06150
		80					
		MINIDOKA	1985	2008	23	23	.06150
		23					
		CHIEF JOSEPH	1985	2008	50	50	.06150
		50					
		MINIDOKA	1983	2008	71	71	.06150
	R	71					
		CHIEF JOSEPH	1983	2008	243	243	.06150
	R	157					
		MCNARY	1987	2007	26	26	.06130
		26					
		MCNARY	1986	2007	489	489	.06130
		489					
		MCNARY	1985	2007	599	599	.06130
		599					
		MCNARY	1983	2007	503	503	.06130
	R	503					
		MCNARY	1982	2007	502	502	.06130

			Prtg.txt			
R		502				
	MCNARY		1981	2007	503	503 .06130
R		503				
	MCNARY		1980	2007	503	503 .06130
R		503				
	MCNARY		1979	2007	503	503 .06130
R		503				
	MCNARY		1978	2007	503	503 .06130
R		503				
	MCNARY		1977	2007	502	502 .06130
R		476				

TOTAL
91,834

2007	MCNARY		1957	2007	26,886	26,886 .06130
		26,886				
	MCNARY		1958	2007	503	503 .06130
R		503				
	MCNARY		1959	2007	503	503 .06130
R		503				
	MCNARY		1960	2007	503	503 .06130
R		503				
	MCNARY		1961	2007	503	503 .06130
R		503				
	MCNARY		1962	2007	502	502 .06130
R		502				
	MCNARY		1963	2007	503	503 .06130
R		503				
	MCNARY		1964	2007	503	503 .06130
R		503				
	MCNARY		1965	2007	503	503 .06130
R		503				
	MCNARY		1966	2007	503	503 .06130
R		503				
	MCNARY		1967	2007	502	502 .06130
R		502				
	MCNARY		1968	2007	503	503 .06130

R 503

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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
MCNARY	503	1969	2007	503	503	.06130
R						
MCNARY	503	1970	2007	503	503	.06130
R						
MCNARY	503	1971	2007	503	503	.06130
R						
MCNARY	503	1972	2007	503	503	.06130
R						
MCNARY	502	1973	2007	502	502	.06130
R						
MCNARY	503	1974	2007	503	503	.06130
R						
MCNARY	503	1975	2007	503	503	.06130
R						
CHIEF JOSEPH	42,597	1957	2007	42,597	42,597	.06130
MCNARY	503	1976	2007	503	503	.06130
R						
MCNARY	26	1977	2007	502	26	.06130
R						
BPA PROGRAM	9	1990	2030	96	53	.09250
R						

		Prtg.txt				
R	CHIEF JOSEPH	1983	2008	243	86	.06150
	17					

	TOTAL					
	79,089					
2008	CHIEF JOSEPH	1958	2008	34,568	34,568	.06150
	34,568					
	THE DALLES	1958	2008	36,829	36,829	.06150
	36,829					
	YAKIMA-ROZA	1958	2008	577	577	.06150
	577					
R	CHIEF JOSEPH	1959	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1960	2008	242	242	.06150
	242					
R	THE DALLES	2001	2008	44	44	.05460
	44					
R	CHIEF JOSEPH	1961	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1962	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1963	2008	243	243	.06150
	243					
R	CHIEF JOSEPH	1964	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1965	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1966	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1967	2008	242	242	.06150
	242					
R	DWORSHAK	2001	2008	16	16	.05460
	16					
R	CHIEF JOSEPH	1968	2008	243	243	.06150
	243					
R	CHIEF JOSEPH	1969	2008	242	242	.06150
	242					

		Prtg.txt				
R	CHIEF JOSEPH	242	1970	2008	242	.06150
R	CHIEF JOSEPH	242	1971	2008	242	.06150
R	CHIEF JOSEPH	242	1972	2008	242	.06150
R	CHIEF JOSEPH	243	1973	2008	243	.06150
R	CHIEF JOSEPH	242	1974	2008	242	.06150
R	CHIEF JOSEPH	242	1975	2008	242	.06150
R	CHIEF JOSEPH	242	1976	2008	242	.06150
R	CHIEF JOSEPH	242	1977	2008	242	.06150
R	MINIDOKA	61	1977	2008	61	.06150

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96 FINAL RATE PROPOSAL APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	CHIEF JOSEPH	243	1978	2008	243	243	.06150
R	MINIDOKA	81	1978	2008	81	81	.06150
R	CHIEF JOSEPH		1979	2008	242	242	.06150

		Prtg.txt				
R	242					
	LOWER SNAKE F AND W	2003	2008	45	45	.05360
R	45					
	MINIDOKA	1979	2008	81	81	.06150
R	81					
	CHIEF JOSEPH	1980	2008	242	242	.06150
R	242					
	MINIDOKA	1980	2008	81	81	.06150
R	81					
	CHIEF JOSEPH	1981	2008	242	242	.06150
R	242					
	MINIDOKA	1981	2008	81	81	.06150
R	81					
	CHIEF JOSEPH	1982	2008	242	242	.06150
R	242					
	MINIDOKA	1982	2008	81	81	.06150
R	81					
	CHIEF JOSEPH	1983	2008	243	69	.06150
R	69					
	BPA PROGRAM	1990	2030	96	44	.09250
R	25					

TOTAL
78,451

2009	BPA CONSERVATION	1989	2009	40,000	40,000	.08550
	40,000					
	THE DALLES	2004	2009	40	40	.05360
R	40					
	THE DALLES	1959	2009	48,820	48,820	.05160
	48,820					
	LOWER MONUMENTAL	2001	2009	42	42	.05488
R	42					
	DETROIT-BIG CLIFF	2004	2009	2	2	.05360
R	2					
	GREEN PETER-FOSTER	2002	2009	16	16	.05460
R	16					
	BPA PROGRAM	1990	2030	96	19	.09250

		Prtg.txt				
R	19					
	BPA PROGRAM	1990	2030	3,008	3,008	.09250
	3,008					
	BPA PROGRAM	1992	2032	2,479	1,400	.08800
	1,400					
	BPA PROGRAM	1993	2033	11,016	11,016	.08350
	1,349					

	TOTAL					
	94,696					
2010	FISH, WILDLIFE & ENVIRONMENTAL	1995	2010	22,900	22,900	.07200
	22,900					
	THE DALLES	1960	2010	43,044	43,044	.06180
	43,044					
	JOHN DAY	2005	2010	26	26	.05360
R	26					
	DETROIT-BIG CLIFF	2002	2010	29	29	.05488
R	29					
	DETROIT-BIG CLIFF	2003	2010	4	4	.05460
R	4					
	LOWER GRANITE	2003	2010	23	23	.05460
R	23					
	ICE HARBOR	2002	2010	25	25	.05488
R	25					
	ALBENI FALLS	1995	2010	57	57	.06180
	57					
	ALBENI FALLS	1995	2010	18	18	.06180
	18					
	BONNEVILLE	1995	2010	26	26	.06180
	26					
	CHIEF JOSEPH	1995	2010	16	16	.06180
	16					
	MINIDOKA	1995	2010	85	85	.06180
	85					

APPLICATION OF AMORTIZATION
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REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
THE DALLES	12	1995	2010	12	12	.06180
JOHN DAY	38	2000	2010	38	38	.05543
R BPA PROGRAM	9,667	1993	2033	11,016	9,667	.08350
BPA CONSERVATION	30,011	1993	2013	50,000	50,000	.08050

TOTAL	105,981					
2011 FISH, WILDLIFE & ENVIRONMENTAL	24,000	1996	2011	24,000	24,000	.06950
MCNARY	27	2004	2011	27	27	.05460
R LOWER SNAKE F AND W	535	2004	2011	535	535	.05460
R THE DALLES	10,499	1961	2011	10,499	10,499	.06200
LITTLE GOOSE	11	2001	2011	11	11	.05543
R LOWER MONUMENTAL	22	2004	2011	22	22	.05460
R THE DALLES		1962	2011	62	62	.06200

		Prtg.txt				
R	62					
	THE DALLES	1963	2011	63	63	.06200
R	63					
	LOOKOUT POINT-DEXTER	2004	2011	14	14	.05460
R	14					
	THE DALLES	1964	2011	63	63	.06200
R	63					
	LIBBY	2004	2011	59	59	.05460
R	59					
	THE DALLES	1965	2011	62	62	.06200
R	62					
	ICE HARBOR	2004	2011	14	14	.05460
R	14					
	THE DALLES	1966	2011	63	63	.06200
R	63					
	THE DALLES	1967	2011	63	63	.06200
R	63					
	BONNEVILLE	2001	2011	102	102	.05543
R	102					
	THE DALLES	1968	2011	62	62	.06200
R	62					
	THE DALLES	1969	2011	63	63	.06200
R	63					
	THE DALLES	1970	2011	63	63	.06200
R	63					
	THE DALLES	1971	2011	62	62	.06200
R	62					
	THE DALLES	1972	2011	63	63	.06200
R	63					
	THE DALLES	1973	2011	63	63	.06200
R	63					
	THE DALLES	1974	2011	62	62	.06200
R	62					
	THE DALLES	1975	2011	63	63	.06200
R	63					
	BONNEVILLE	2004	2011	5	5	.05460
R	5					
	THE DALLES	1976	2011	63	63	.06200
R	63					

		Prtg.txt				
R	MCNARY	56	2003	2011	56	.05488
R	THE DALLES	62	1977	2011	62	.06200
R	THE DALLES	63	1978	2011	63	.06200
R	COLUMBIA BASIN	47	1996	2011	47	.06200
R	THE DALLES	63	1979	2011	63	.06200
R	THE DALLES	62	1980	2011	62	.06200
R	THE DALLES	63	1981	2011	63	.06200

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(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
R	THE DALLES	63	1982	2011	63	63	.06200
R	THE DALLES	62	1983	2011	62	62	.06200
R	LOOKOUT POINT-DEXTER	5	2003	2011	5	5	.05488
R	HUNGRY HORSE	64	1996	2011	64	64	.06200
	THE DALLES		1985	2011	106	106	.06200

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	106					
R	BONNEVILLE	2006	2011	76	76	.05360
	76					
	THE DALLES	1986	2011	105	105	.06200
	105					
	THE DALLES	1987	2011	1,567	1,567	.06200
	1,567					
R	LITTLE GOOSE	2003	2011	38	38	.05488
	38					
R	HUNGRY HORSE	1996	2011	65	65	.06200
	65					
	BOISE	1996	2011	13	13	.06200
	13					
	BPA CONSERVATION	1993	2013	50,000	19,989	.08050
	19,989					
	BPA PROGRAM	1995	2025	8,509	8,509	.07700
	8,509					
	BUREAU DIRECT FUND	1995	2015	35,000	35,000	.07500
	35,000					
	BPA CONSERVATION	1995	2015	85,000	85,000	.07500
	8,077					

	TOTAL					
	110,383					
2012	FISH, WILDLIFE & ENVIRONMENTAL	1997	2012	27,000	27,000	.06600
	27,000					
R	LOST CREEK	2005	2012	1	1	.05460
	1					
	HILLS CREEK	1962	2012	10,304	10,304	.06220
	10,304					
	ICE HARBOR	1962	2012	49,280	49,280	.06220
	49,280					
R	HILLS CREEK	1963	2012	14	14	.06220
	14					
R	ICE HARBOR	1963	2012	51	51	.06220
	51					
R	JOHN DAY	2005	2012	4	4	.05460

		Prtg.txt					
R	HILLS CREEK	4	1964	2012	14	14	.06220
R	ICE HARBOR	14	1964	2012	51	51	.06220
R	HILLS CREEK	51	1965	2012	14	14	.06220
R	ICE HARBOR	14	1965	2012	52	52	.06220
R	HILLS CREEK	52	1966	2012	14	14	.06220
R	ICE HARBOR	14	1966	2012	51	51	.06220
R	HILLS CREEK	51	1967	2012	14	14	.06220
R	ICE HARBOR	14	1967	2012	51	51	.06220
R	HILLS CREEK	51	1968	2012	14	14	.06220
R	ICE HARBOR	14	1968	2012	52	52	.06220
R	HILLS CREEK	52	1969	2012	14	14	.06220
R	ICE HARBOR	14	1969	2012	51	51	.06220
R	GREEN PETER-FOSTER	51	1997	2012	75	75	.06200
		75					
R	HILLS CREEK	75	1970	2012	14	14	.06220
R	ICE HARBOR	14	1970	2012	51	51	.06220
R		51					

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YEAR -----INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	HILLS CREEK		1971	2012	14	14	.06220
R	14						
	ICE HARBOR		1971	2012	52	52	.06220
R	52						
	HILLS CREEK		1972	2012	14	14	.06220
R	14						
	ICE HARBOR		1972	2012	51	51	.06220
R	51						
	COUGAR		2004	2012	3	3	.05488
R	3						
	HILLS CREEK		1973	2012	14	14	.06220
R	14						
	ICE HARBOR		1973	2012	51	51	.06220
R	51						
	HILLS CREEK		1974	2012	14	14	.06220
R	14						
	ICE HARBOR		1974	2012	52	52	.06220
R	52						
	BOISE		1997	2012	89	89	.06200
	89						
	HILLS CREEK		1975	2012	14	14	.06220
R	14						
	ICE HARBOR		1975	2012	51	51	.06220
R	51						
	HILLS CREEK		1976	2012	14	14	.06220
R	14						
	ICE HARBOR		1976	2012	51	51	.06220
R	51						
	HILLS CREEK		1977	2012	14	14	.06220
R	14						
	ICE HARBOR		1977	2012	52	52	.06220

		Prtg.txt					
R	HILLS CREEK	52	1978	2012	14	14	.06220
R	ICE HARBOR	14	1978	2012	51	51	.06220
R	HILLS CREEK	51	1979	2012	14	14	.06220
R	ICE HARBOR	14	1979	2012	51	51	.06220
R	HILLS CREEK	51	1980	2012	14	14	.06220
R	ICE HARBOR	14	1980	2012	52	52	.06220
R	HILLS CREEK	52	1981	2012	14	14	.06220
R	ICE HARBOR	14	1981	2012	51	51	.06220
R	HILLS CREEK	51	1982	2012	14	14	.06220
R	ICE HARBOR	14	1982	2012	51	51	.06220
R	HILLS CREEK	51	1983	2012	14	14	.06220
R	ICE HARBOR	14	1983	2012	52	52	.06220
R	HILLS CREEK	52	1985	2012	7	7	.06220
	ICE HARBOR	7	1985	2012	46	46	.06220
	ICE HARBOR	46	1986	2012	152	152	.06220
	ICE HARBOR	152	1987	2012	4	4	.06220
	ICE HARBOR	4	2002	2012	75	75	.05543
R	BPA CONSERVATION	75	1995	2015	85,000	76,923	.07500
	33,378						

TOTAL
121,790

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
2013	FISH, WILDLIFE & ENVIRONMENTAL	27,000	1998	2013	27,000	27,000	.06400
	LOWER SNAKE F AND W	45	2008	2013	45	45	.05360
R	LITTLE GOOSE	22	2006	2013	22	22	.05460
R	BOISE	90	1998	2013	90	90	.05850
	DWORSHAK	36	2005	2013	36	36	.05488
R	BONNEVILLE	134	2001	2013	134	134	.05585
R	LOWER SNAKE F AND W	975	2003	2013	975	975	.05543
R	BPA CONSERVATION	50,000	1993	2013	50,000	50,000	.07400
	BPA CONSERVATION	40,000	1993	2013	40,000	40,000	.06750
	COUGAR	2	2006	2013	2	2	.05460
R		2					

		Prtg.txt				
	DWORSHAK	2003	2013	172	172	.05543
R	172					
	BPA CONSERVATION	1995	2015	85,000	43,545	.07500
	43,545					
	BUREAU DIRECT FUND	1996	2041	39,700	39,700	.07240
	39,700					
	BPA PROGRAM	1996	2041	15,798	15,798	.07240
	15,798					
	BUREAU DIRECT FUND	1997	2042	17,300	17,300	.06930
	17,300					
	BPA PROGRAM	1997	2042	12,670	12,670	.06930
	12,670					
	BPA CONSERVATION	1996	2016	99,700	99,700	.07050
	32,514					

	TOTAL					
	280,003					
2014	FISH, WILDLIFE & ENVIRONMENTAL	1999	2014	27,000	27,000	.06380
	27,000					
	THE DALLES	2009	2014	40	40	.05360
R	40					
	DETROIT-BIG CLIFF	2009	2014	2	2	.05360
R	2					
	COUGAR	1964	2014	10,173	10,173	.06260
	10,173					
	COUGAR	1965	2014	22	22	.06260
R	22					
	COUGAR	1966	2014	22	22	.06260
R	22					
	COUGAR	1967	2014	22	22	.06260
R	22					
	COUGAR	1968	2014	22	22	.06260
R	22					
	COUGAR	1969	2014	22	22	.06260
R	22					
	COUGAR	1970	2014	22	22	.06260
R	22					

		Prtg.txt				
R	COUGAR	22	1971	2014	22	.06260
R	COUGAR	22	1972	2014	22	.06260
R	DETROIT-BIG CLIFF	22	2004	2014	22	.05543
R	COUGAR	22	1973	2014	22	.06260
R	COUGAR	22	1974	2014	22	.06260
R	COUGAR	22	1975	2014	22	.06260
R	DETROIT-BIG CLIFF	16	2002	2014	16	.05585
R	COUGAR	22	1976	2014	22	.06260
R	COUGAR	22	1977	2014	22	.06260
R	COUGAR	22	1978	2014	22	.06260

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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	COUGAR	22	1979	2014	22	22	.06260
	COUGAR		1980	2014	22	22	.06260

		Prtg.txt					
R		22					
	COUGAR		1981	2014	22	22	.06260
R		22					
	BOISE		1999	2014	69	69	.05650
		69					
	COUGAR		1982	2014	22	22	.06260
R		22					
	COUGAR		1983	2014	22	22	.06260
R		22					
	COUGAR		1985	2014	1	1	.06260
		1					
	COUGAR		1986	2014	117	117	.06260
		117					
	COUGAR		1987	2014	51	51	.06260
		51					
	BPA CONSERVATION		1994	2014	50,000	50,000	.06750
		50,000					
	BPA CONSERVATION		1996	2016	99,700	67,186	.07050
		67,186					
	BPA PROGRAM		1994	2034	14,278	14,278	.06850
		14,278					
	BUREAU DIRECT FUND		1998	2043	13,200	13,200	.06720
		13,200					
	BPA PROGRAM		1998	2043	14,883	14,883	.06720
		14,883					
	LIBBY		1989	2026	1	1	.06490
		1					
	LIBBY		1987	2026	2	2	.06490
		2					
	LIBBY		1986	2026	311	311	.06490
		311					
	LIBBY		1985	2026	570	570	.06490
		570					
	ICE HARBOR		1985	2026	23	23	.06490
		23					
	LIBBY		1983	2026	1,610	1,610	.06490
R		1,610					
	LIBBY		1982	2026	1,610	1,610	.06490
R		1,610					

			Prtg.txt			
	LIBBY		1981	2026	1,610	.06490
R		1,610				
	LIBBY		1980	2026	1,610	.06490
R		1,610				
	LIBBY		1979	2026	1,610	.06490
R		1,610				
	LIBBY		1978	2026	1,610	.06490
R		1,610				
	LIBBY		1977	2026	1,610	.06490
R		1,610				
	LIBBY		1976	2026	168,661	.06490
		86,033				

	TOTAL					
		295,666				
2015	MCNARY		2005	2015	153	.05543
R		153				
	THE DALLES		2007	2015	66	.05488
R		66				
	THE DALLES		2008	2015	44	.05460
R		44				
	LOWER GRANITE		2005	2015	837	.05543
R		837				
	LOOKOUT POINT-DEXTER		2005	2015	99	.05543
R		99				
	LOWER SNAKE F AND W		2007	2015	102	.05488
R		102				
	ALBENI FALLS		2005	2015	1,050	.05543
R		1,050				
	DWORSHAK		2008	2015	16	.05460
R		16				
	ALBENI FALLS		2003	2015	114	.05585
R		114				
	LOWER GRANITE		2007	2015	30	.05488
R		30				

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GENERATION FY 1999

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
R MCNARY	430	2000	2015	430	430	.05648
R GREEN PETER-FOSTER	13	2007	2015	13	13	.05488
R MCNARY	95	2003	2015	95	95	.05585
R LOOKOUT POINT-DEXTER	70	2000	2015	70	70	.05648
R JOHN DAY	26	2010	2015	26	26	.05360
R LIBBY	181	2000	2015	181	181	.05648
R LOOKOUT POINT-DEXTER	37	2003	2015	37	37	.05585
R ALBENI FALLS	51	2000	2015	51	51	.05648
R LOOKOUT POINT-DEXTER	401	2000	2015	401	401	.05648
R JOHN DAY	1,835	2000	2015	1,835	1,835	.05648
R LIBBY	82,628	1976	2026	168,661	82,628	.06490
ICE HARBOR	22,486	1976	2026	22,486	22,486	.06490
COLUMBIA BASIN - 3RD PWR HOUSE		1976	2026	45,432	45,432	.06490

		Prtg.txt				
	45,432					
	LOST CREEK	1987	2027	5	5	.06490
	5					
	LOST CREEK	1986	2027	7	7	.06490
	7					
	LOST CREEK	1985	2027	14	14	.06490
	14					
	LOST CREEK	1983	2027	66	66	.06490
R	66					
	LOST CREEK	1982	2027	66	66	.06490
R	66					
	LOST CREEK	1981	2027	66	66	.06490
R	66					
	LOST CREEK	1980	2027	66	66	.06490
R	66					
	LOST CREEK	1979	2027	66	66	.06490
R	66					
	LOST CREEK	1978	2027	64	64	.06490
R	64					
	LOST CREEK	1977	2027	14,755	14,755	.06490
	14,755					
	COLUMBIA BASIN - 3RD PWR HOUSE	1977	2027	47,042	47,042	.06490
	47,042					
	CHIEF JOSEPH	1977	2027	33,539	33,539	.06490
	33,539					
	BONNEVILLE	1977	2027	17,225	17,225	.06490
	17,225					
	LITTLE GOOSE	1985	2028	51	51	.06490
	51					
	LOWER GRANITE	1978	2028	44,276	44,276	.06490
	44,276					
	LITTLE GOOSE	1978	2028	54,052	54,052	.06490
	95					

	TOTAL					
	313,599					
2016	GREEN PETER-FOSTER	2009	2016	16	16	.05460

		Prtg.txt				
R	16					
	YAKIMA-CHANDLER	2001	2016	23	23	.05648
R	23					
	LITTLE GOOSE	2001	2016	1,461	1,461	.05648
R	1,461					
	BONNEVILLE	2011	2016	76	76	.05360
R	76					
	BONNEVILLE	2001	2016	2,362	2,362	.05648
R	2,362					
	LIBBY	2006	2016	59	59	.05543
R	59					
	YAKIMA-CHANDLER	2006	2016	54	54	.05543
R	54					
	LITTLE GOOSE	1978	2028	54,052	53,957	.06490
	53,957					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
COLUMBIA BASIN - 3RD PWR HOUSE	46,671	1978	2028	46,671	46,671	.06490
CHIEF JOSEPH	83,229	1978	2028	83,229	83,229	.06490
LOWER GRANITE	1,687	1994	2029	1,687	1,687	.06490
LIBBY	312	1994	2029	312	312	.06490

		Prtg.txt				
	LIBBY	1994	2029	237	237	.06490
R	237					
	CHIEF JOSEPH	1990	2029	4,958	4,958	.06490
	4,958					
	CHIEF JOSEPH	1989	2029	2,451	2,451	.06490
	2,451					
	CHIEF JOSEPH	1988	2029	2,996	2,996	.06490
	2,996					
	CHIEF JOSEPH	1987	2029	3,341	3,341	.06490
	3,341					
	CHIEF JOSEPH	1986	2029	5,902	5,902	.06490
	5,902					
	LOWER MONUMENTAL	1985	2029	279	279	.06490
	279					
	CHIEF JOSEPH	1985	2029	18,018	18,018	.06490
	18,018					
	LOWER MONUMENTAL	1979	2029	44,355	44,355	.06490
	44,355					
	COLUMBIA BASIN - 3RD PWR HOUSE	1979	2029	92,643	92,643	.06490
	72,529					

	TOTAL					
	344,973					
2017	BPA CONSERVATION	1997	2017	56,900	56,900	.06710
	56,900					
	LOWER GRANITE	2010	2017	23	23	.05460
R	23					
	MINIDOKA	2007	2017	15	15	.05543
R	15					
	COLUMBIA BASIN	1967	2017	858	858	.06320
	858					
	GREEN PETER-FOSTER	1967	2017	13,547	13,547	.06320
	13,547					
	MINIDOKA	2002	2017	114	114	.05648
R	114					
	LOST CREEK	2007	2017	4	4	.05543
R	4					

		Prtg.txt				
R	CHIEF JOSEPH	2007	2017	36	36	.05543
	36					
R	BOISE	2002	2017	12	12	.05648
	12					
R	CHIEF JOSEPH	2002	2017	1,242	1,242	.05648
	1,242					
R	GREEN PETER-FOSTER	2007	2017	19	19	.05543
	19					
R	LOWER MONUMENTAL	2009	2017	42	42	.05488
	42					
R	LOWER GRANITE	1995	2017	404	404	.06320
	404					
	LOWER GRANITE	1995	2017	475	475	.06320
	475					
	LOWER GRANITE	1995	2017	79	79	.06320
	79					
R	DETROIT-BIG CLIFF	2010	2017	4	4	.05460
	4					
R	COLUMBIA BASIN - 3RD PWR HOUSE	1979	2029	92,643	20,114	.06490
	20,114					
	CHIEF JOSEPH	1979	2029	66,118	66,118	.06490
	66,118					
	LIBBY	1995	2030	16	16	.06490
	16					
R	LIBBY	1995	2030	42	42	.06490
	42					
R	BONNEVILLE	1995	2030	60	60	.06490
	60					
R	COLUMBIA BASIN	1995	2030	367	367	.06490
	367					
	DWORSHAK	1995	2030	227	227	.06490
	227					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	HUNGRY HORSE		1995	2030	553	553	.06490
R		553					
	HUNGRY HORSE		1995	2030	1,275	1,275	.06490
R		1,275					
	HUNGRY HORSE		1995	2030	513	513	.06490
R		513					
	LIBBY		1995	2030	97	97	.06490
		97					
	LIBBY		1995	2030	3,291	3,291	.06490
		3,291					
	HILLS CREEK		1996	2031	137	137	.06490
		137					
	LOWER GRANITE		1996	2031	330	330	.06490
		330					
	BOISE		1996	2031	238	238	.06490
		238					
	COLUMBIA BASIN		1996	2031	118	118	.06490
R		118					
	BONNEVILLE - 2ND POWER HOUSE		1981	2031	45,122	45,122	.06490
		45,122					
	BONNEVILLE - 2ND POWER HOUSE		1982	2032	224,281	224,281	.06490
		224,281					
	CHIEF JOSEPH		1997	2032	361	361	.06490
		361					
	COLUMBIA BASIN		1997	2032	416	416	.06490
R		416					
	DWORSHAK		1997	2032	128	128	.06490
		128					
	LOWER MONUMENTAL		1997	2032	188	188	.06490
		188					

		Prtg.txt				
	THE DALLES	1997	2032	513	513	.06490
	513					
	MINIDOKA	1997	2032	188	188	.06490
	188					
	COLUMBIA BASIN - 3RD PWR HOUSE	1990	2033	7,041	7,041	.06490
	7,041					
	BONNEVILLE - 2ND POWER HOUSE	1990	2033	1,750	1,750	.06490
	1,750					
	COLUMBIA BASIN - 3RD PWR HOUSE	1989	2033	12,026	12,026	.06490
	12,026					
	BONNEVILLE - 2ND POWER HOUSE	1989	2033	1,357	1,357	.06490
	1,357					
	COLUMBIA BASIN - 3RD PWR HOUSE	1988	2033	4,800	4,800	.06490
	4,800					
	BONNEVILLE - 2ND POWER HOUSE	1988	2033	1,402	1,402	.06490
	1,402					
	COLUMBIA BASIN - 3RD PWR HOUSE	1987	2033	15,928	15,928	.06490
	7,099					

	TOTAL					
	473,942					
2018	BPA CONSERVATION	1998	2018	42,600	42,600	.06500
	42,600					
	MCNARY	2011	2018	27	27	.05460
R	27					
	LOWER SNAKE F AND W	2011	2018	535	535	.05460
R	535					
	LOWER MONUMENTAL	2011	2018	22	22	.05460
R	22					
	LITTLE GOOSE	2008	2018	977	977	.05543
R	977					
	LOOKOUT POINT-DEXTER	2011	2018	14	14	.05460
R	14					
	LOWER SNAKE F AND W	2013	2018	45	45	.05360
R	45					
	YAKIMA-ROZA	2003	2018	2	2	.05648
R	2					

		Prtg.txt				
R	LIBBY	2011	2018	59	59	.05460
	59					
R	ICE HARBOR	2011	2018	14	14	.05460
	14					
	GREEN PETER-FOSTER	1968	2018	13,828	13,828	.06340
	13,828					
	JOHN DAY	1968	2018	24,619	24,619	.06340
	24,619					
R	GREEN PETER-FOSTER	1969	2018	45	45	.06340
	45					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
R	GREEN PETER-FOSTER	45	1970	2018	45	45	.06340
R	BONNEVILLE	5	2011	2018	5	5	.05460
R	GREEN PETER-FOSTER	45	1971	2018	45	45	.06340
R	GREEN PETER-FOSTER	45	1972	2018	45	45	.06340
R	DWORSHAK	2,749	2003	2018	2,749	2,749	.05648
R	GREEN PETER-FOSTER	45	1973	2018	45	45	.06340
R	GREEN PETER-FOSTER	45	1974	2018	45	45	.06340

			Prtg.txt			
R	45					
	GREEN PETER-FOSTER	1975	2018	45	45	.06340
R	45					
	THE DALLES	2003	2018	1,702	1,702	.05648
R	1,702					
	GREEN PETER-FOSTER	1976	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1977	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1978	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1979	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1980	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1981	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1982	2018	45	45	.06340
R	45					
	DETROIT-BIG CLIFF	2010	2018	29	29	.05488
R	29					
	GREEN PETER-FOSTER	1983	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1985	2018	19	19	.06340
R	19					
	ICE HARBOR	2010	2018	25	25	.05488
R	25					
	GREEN PETER-FOSTER	1986	2018	3	3	.06340
R	3					
	JOHN DAY	2006	2018	146	146	.05585
R	146					
	GREEN PETER-FOSTER	1987	2018	2	2	.06340
R	2					
	COLUMBIA BASIN - 3RD PWR HOUSE	1987	2033	15,928	8,829	.06490
R	8,829					
	BONNEVILLE - 2ND POWER HOUSE	1987	2033	3,088	3,088	.06490
R	3,088					
	COLUMBIA BASIN - 3RD PWR HOUSE	1986	2033	17,139	17,139	.06490
R	17,139					

	Prtg.txt					
BONNEVILLE - 2ND POWER HOUSE 33,705	1986	2033	33,705	33,705	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 118	1985	2033	118	118	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 46,077	1985	2033	46,077	46,077	.06490	
BONNEVILLE - 2ND POWER HOUSE 10,072	1985	2033	10,072	10,072	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 14,552	1984	2033	14,552	14,552	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 18,714	1984	2033	18,714	18,714	.06490	
LOWER SNAKE F AND W 10,870	1983	2033	10,870	10,870	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 14,343	1983	2033	14,343	14,343	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 786	1983	2033	786	786	.06490	
BONNEVILLE - 2ND POWER HOUSE 68,791	1983	2033	68,791	68,791	.06490	
LOOKOUT POINT-DEXTER 146	1995	2035	146	146	.06490	
LOOKOUT POINT-DEXTER 17	1995	2035	17	17	.06490	
LOWER SNAKE F AND W 52,317	1985	2035	52,317	52,317	.06490	

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PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
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		Prtg.txt				
	BONNEVILLE	1995	2035	113	113	.06490
	113					
	JOHN DAY	1995	2035	124	124	.06490
	124					
	JOHN DAY	1995	2035	54	54	.06490
	54					
	JOHN DAY	1995	2035	23	23	.06490
R	23					
	ICE HARBOR	1996	2036	189	189	.06490
	189					
	ICE HARBOR	1996	2036	356	356	.06490
	356					
	LOWER SNAKE F AND W	1987	2037	79,262	79,262	.06490
	79,262					
	LOWER SNAKE F AND W	1988	2038	880	880	.06490
	880					
	LIBBY	1988	2038	19,842	19,842	.06490
	19,842					
	LITTLE GOOSE	1995	2040	17	17	.06490
	17					
	LITTLE GOOSE	1995	2040	353	353	.06490
R	353					
	LITTLE GOOSE	1995	2040	766	766	.06490
	766					
	LOWER SNAKE F AND W	1990	2040	1,703	1,703	.06490
	1,703					
	LOWER SNAKE F AND W	1991	2041	4,827	4,827	.06490
	4,827					
	LOWER SNAKE F AND W	1993	2043	78,440	78,440	.06490
	78,440					
	COLUMBIA BASIN - 3RD PWR HOUSE	1994	2044	13,832	13,832	.06490
	13,832					
	CHIEF JOSEPH	1994	2044	4,399	4,399	.06490
	4,399					
	BONNEVILLE - 2ND POWER HOUSE	1994	2044	6,242	6,242	.06490
	6,242					

		Prtg.txt				
	LOWER SNAKE F AND W	1994	2044	5,059	5,059	.06490
	5,059					
	ALBENI FALLS	1995	2045	550	550	.06490
	550					
	LOOKOUT POINT-DEXTER	1995	2045	10	10	.06490
	10					
	ALBENI FALLS	1995	2045	461	461	.06490
	461					
	BONNEVILLE	1995	2045	3,953	3,953	.06490
	3,953					
	LOOKOUT POINT-DEXTER	1995	2045	87	87	.06490
R	87					
	LOOKOUT POINT-DEXTER	1995	2045	36	36	.06490
	36					
	BONNEVILLE	1995	2045	425	425	.06490
	425					
	LOST CREEK	1995	2045	97	97	.06490
R	97					
	BONNEVILLE	1995	2045	345	345	.06490
R	345					
	ALBENI FALLS	1995	2045	1,158	1,158	.06490
	1,158					
	BONNEVILLE	1995	2045	432	432	.06490
R	432					
	BONNEVILLE	1995	2045	496	496	.06490
	496					
	LOWER MONUMENTAL	1995	2045	1,162	1,162	.06490
	1,162					
	CHIEF JOSEPH	1995	2045	822	822	.06490
	822					
	LOWER MONUMENTAL	1995	2045	43	43	.06490
	43					
	CHIEF JOSEPH	1995	2045	739	739	.06490
	739					
	CHIEF JOSEPH	1995	2045	151	151	.06490
	151					
	LOWER MONUMENTAL	1995	2045	101	101	.06490
	101					
	CHIEF JOSEPH	1995	2045	584	584	.06490

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R	584					
	LOWER MONUMENTAL	1995	2045	625	625	.06490
	625					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	MCNARY	16	1995	2045	16	16	.06490
	COLUMBIA BASIN	908	1995	2045	908	908	.06490
	MCNARY	542	1995	2045	542	542	.06490
	COLUMBIA BASIN	519	1995	2045	519	519	.06490
	COLUMBIA BASIN	384	1995	2045	384	384	.06490
R	COLUMBIA RIVER FISH MITIGATION	45,036	1995	2045	45,036	45,036	.06490
	DWORSHAK	1,202	1995	2045	1,202	1,202	.06490
	HUNGRY HORSE	6,433	1995	2045	6,433	6,433	.06490
	JOHN DAY	7,943	1995	2045	7,943	7,943	.06490
	JOHN DAY	631	1995	2045	631	631	.06490
R		631					

		Prtg.txt				
	LOOKOUT POINT-DEXTER	1995	2045	180	180	.06490
	180					
	LOOKOUT POINT-DEXTER	1996	2046	2,560	2,560	.06490
	2,560					
	LIBBY	1996	2046	2,050	2,050	.06490
	2,050					
	COLUMBIA BASIN	1996	2046	1,733	1,733	.06490
	1,733					
	LOOKOUT POINT-DEXTER	1996	2046	1,140	1,140	.06490
	1,140					
	JOHN DAY	1996	2046	3,148	3,148	.06490
	3,148					
	LOWER GRANITE	1996	2046	3,956	3,956	.06490
	3,956					
R	BOISE	1996	2046	1,258	1,258	.06490
	1,258					
	LOWER MONUMENTAL	1996	2046	894	894	.06490
	894					
	BOISE	1996	2046	480	480	.06490
	480					
R	COLUMBIA BASIN	1996	2046	5,428	5,428	.06490
	5,428					
	LOWER SNAKE F AND W	1996	2046	8,555	8,555	.06490
	8,555					
	BOISE	1996	2046	714	714	.06490
	243					

	TOTAL					
	711,658					
2019	THE DALLES	2014	2019	40	40	.05360
R	40					
	BPA CONSERVATION	1999	2019	38,300	38,300	.06460
	38,300					
	MCNARY	2011	2019	56	56	.05488
R	56					
	THE DALLES	2007	2019	9	9	.05585
R	9					

		Prtg.txt				
R	THE DALLES	2004	2019	1,171	1,171	.05648
	1,171					
R	THE DALLES	2009	2019	1	1	.05543
	1					
R	LOST CREEK	2012	2019	1	1	.05460
	1					
R	LOOKOUT POINT-DEXTER	2011	2019	5	5	.05488
	5					
R	JOHN DAY	2012	2019	4	4	.05460
	4					
R	DETROIT-BIG CLIFF	2014	2019	2	2	.05360
	2					
R	LITTLE GOOSE	2011	2019	38	38	.05488
	38					
R	LOWER SNAKE F AND W	2007	2019	489	489	.05585
	489					
R	ICE HARBOR	1995	2019	883	883	.06360
	883					
	JOHN DAY	1969	2019	108,929	108,929	.06360
	108,929					

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PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
LOWER MONUMENTAL	28,431	1969	2019	28,431	28,431	.06360
ICE HARBOR		1995	2019	87	87	.06360

			Prtg.txt		
	87				
	ICE HARBOR	1995	2019	178	178 .06360
	178				
	LOWER MONUMENTAL	2009	2019	11	11 .05543
R	11				
	BOISE	1996	2046	714	471 .06490
	471				
	MCNARY	1996	2046	1,475	1,475 .06490
	1,475				
	BONNEVILLE	1996	2046	43,359	43,359 .06490
	43,359				
	COLUMBIA BASIN	1996	2046	435	435 .06490
	435				
	BONNEVILLE	1996	2046	2,144	2,144 .06490
	2,144				
	BONNEVILLE	1996	2046	2,144	2,144 .06490
R	2,144				
	MINIDOKA	1996	2046	2,255	2,255 .06490
	2,255				
	BONNEVILLE	1996	2046	2,241	2,241 .06490
	2,241				
	CHIEF JOSEPH	1996	2046	526	526 .06490
	526				
	THE DALLES	1996	2046	15,810	15,810 .06490
	15,810				
	CHIEF JOSEPH	1996	2046	647	647 .06490
	647				
	COLUMBIA BASIN	1996	2046	1,188	1,188 .06490
R	1,188				
	THE DALLES	1996	2046	2,780	2,780 .06490
	2,780				
	COLUMBIA BASIN	1996	2046	368	368 .06490
	368				
	COLUMBIA BASIN	1996	2046	251	251 .06490
	251				
	LIBBY	1996	2046	531	531 .06490
	531				
	DWORSHAK	1996	2046	1,065	1,065 .06490
	1,065				

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	DWORSHAK	1996	2046	535	535	.06490
	535					
	COLUMBIA RIVER FISH MITIGATION	1996	2046	55,608	55,608	.06490
	55,608					
	ALBENI FALLS	1996	2046	781	781	.06490
	781					
	HUNGRY HORSE	1996	2046	1,758	1,758	.06490
	1,758					
	LITTLE GOOSE	1996	2046	4,463	4,463	.06490
	4,463					
	JOHN DAY	1996	2046	11,249	11,249	.06490
	11,249					
	ALBENI FALLS	1997	2047	341	341	.06490
	341					
	BOISE	1997	2047	129	129	.06490
R	129					
	BONNEVILLE	1997	2047	12,429	12,429	.06490
	12,429					
	BONNEVILLE	1997	2047	802	802	.06490
	802					
	BONNEVILLE	1997	2047	802	802	.06490
R	802					
	COLUMBIA BASIN	1997	2047	4,915	4,915	.06490
	4,915					
	COLUMBIA RIVER FISH MITIGATION	1997	2047	73,757	73,757	.06490
	73,757					
	HUNGRY HORSE	1997	2047	462	462	.06490
R	462					
	ICE HARBOR	1997	2047	1,335	1,335	.06490
	1,335					
	LIBBY	1997	2047	1,335	1,335	.06490
	1,335					
	MINIDOKA	1997	2047	46,867	46,867	.06490
	46,867					
	LOWER SNAKE F AND W	1997	2047	3,901	3,901	.06490
	3,901					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	R LOWER GRANITE	565	1981	2025	565	565	.06470
	R LOWER GRANITE	9	1987	2025	9	9	.06470
	R LOWER GRANITE	565	1980	2025	565	565	.06470
	R LOWER GRANITE	566	1979	2025	566	566	.06470
	R LOWER GRANITE	565	1983	2025	565	565	.06470
	R LOWER GRANITE	565	1978	2025	565	565	.06470
	R LOWER GRANITE	565	1977	2025	565	565	.06470
	R LOWER GRANITE	565	1976	2025	565	565	.06470
	R LOWER GRANITE	47,583	1975	2025	130,405	130,405	.06470

	TOTAL	529,342					
2020	R LOWER GRANITE	2,383	2005	2020	2,383	2,383	.05648
	R COUGAR		2012	2020	3	3	.05488

		Prtg.txt				
R	3					
	JOHN DAY	1995	2020	82	82	.06380
	82					
	JOHN DAY	1970	2020	26,724	26,724	.06380
	26,724					
	LITTLE GOOSE	1970	2020	24,063	24,063	.06380
	24,063					
	LOWER MONUMENTAL	1970	2020	57,858	57,858	.06380
	57,858					
	HUNGRY HORSE	1995	2020	176	176	.06380
R	176					
	LOWER MONUMENTAL	1971	2020	242	242	.06380
R	242					
	COUGAR	2013	2020	2	2	.05460
R	2					
	LOWER MONUMENTAL	1972	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1982	2020	242	242	.06380
R	242					
	GREEN PETER-FOSTER	1995	2020	11	11	.06380
	11					
	GREEN PETER-FOSTER	1995	2020	25	25	.06380
R	25					
	LOWER MONUMENTAL	1981	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1973	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1974	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1985	2020	9	9	.06380
	9					
	LOWER MONUMENTAL	1987	2020	4	4	.06380
	4					
	LOWER MONUMENTAL	1975	2020	242	242	.06380
R	242					
	LITTLE GOOSE	2013	2020	22	22	.05460
R	22					
	COLUMBIA BASIN	1995	2020	221	221	.06380
	221					

		Prtg.txt				
R	JOHN DAY	2010	2020	38	38	.05543
	38					
R	LOWER MONUMENTAL	1976	2020	242	242	.06380
	242					
R	LOWER MONUMENTAL	1977	2020	242	242	.06380
	242					
R	LOWER MONUMENTAL	1978	2020	242	242	.06380
	242					
R	BONNEVILLE	1995	2020	23	23	.06380
	23					
R	JOHN DAY	2015	2020	26	26	.05360
	26					
R	LOWER MONUMENTAL	1979	2020	242	242	.06380
	242					

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96 FINAL RATE PROPOSAL APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
LOWER MONUMENTAL	242	1983	2020	242	242	.06380
R						
BONNEVILLE	22	1995	2020	22	22	.06380
R						
LOWER MONUMENTAL	149	1986	2020	149	149	.06380
LOWER MONUMENTAL	242	1980	2020	242	242	.06380
R						
LOWER GRANITE		1975	2025	130,405	82,822	.06470

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	82,822					
LIBBY		1975	2025	53,102	53,102	.06470
	53,102					
COLUMBIA BASIN - 3RD PWR HOUSE		1975	2025	43,303	43,303	.06470
	43,303					
LOWER GRANITE		1985	2025	364	364	.06470
	364					
LOWER GRANITE		1986	2025	238	238	.06470
	238					
LOWER GRANITE		1982	2025	566	566	.06470
R	566					
BPA PROGRAM		1999	2044	14,079	14,079	.06610
	14,079					
BUREAU DIRECT FUND		1999	2044	36,100	36,100	.06610
	36,100					
THE DALLES		1974	2024	8,044	8,044	.06450
	8,044					
DWORSHAK		1979	2023	578	578	.06430
R	578					
DWORSHAK		1985	2023	1,273	1,273	.06430
	1,273					
DWORSHAK		1978	2023	578	578	.06430
R	578					
DWORSHAK		1983	2023	584	584	.06430
R	584					
DWORSHAK		1977	2023	578	578	.06430
R	578					
DWORSHAK		1981	2023	578	578	.06430
R	578					
DWORSHAK		1982	2023	578	578	.06430
R	578					
DWORSHAK		1976	2023	578	578	.06430
R	578					
DWORSHAK		1975	2023	578	578	.06430
R	578					
DWORSHAK		1980	2023	578	578	.06430
R	578					
DWORSHAK		1974	2023	575	575	.06430
R	575					

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DWORSHAK	1986	2023	220	220	.06430
220					
THE DALLES	1973	2023	24,441	24,441	.06430
24,441					
DWORSHAK	1973	2023	148,459	148,459	.06430
148,459					
DWORSHAK	1987	2023	6	6	.06430
6					
JOHN DAY	1992	2022	21	21	.06410
21					
YAKIMA-CHANDLER	1956	2022	796	796	.06410
796					
JOHN DAY	1985	2022	7,285	7,285	.06410
7,285					
JOHN DAY	1990	2022	41	41	.06410
41					
JOHN DAY	1972	2022	12,911	12,911	.06410
12,911					
YAKIMA-CHANDLER	1986	2022	506	506	.06410
506					
YAKIMA-CHANDLER	1966	2022	1	1	.06410
R 1					
YAKIMA-CHANDLER	1965	2022	1	1	.06410
R 1					
YAKIMA-CHANDLER	1964	2022	1	1	.06410
R 1					
YAKIMA-CHANDLER	1963	2022	1	1	.06410
R 1					
YAKIMA-CHANDLER	1962	2022	1	1	.06410
R 1					

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	YAKIMA-CHANDLER		1961	2022	1	1	.06410
R	1						
	JOHN DAY		1989	2022	34	34	.06410
		34					
	YAKIMA-CHANDLER		1960	2022	1	1	.06410
R	1						
	JOHN DAY		1986	2022	3,622	3,622	.06410
		3,622					
	YAKIMA-CHANDLER		1959	2022	2	2	.06410
R	2						
	JOHN DAY		1987	2022	792	792	.06410
		792					
	LITTLE GOOSE		1978	2021	32	32	.06390
R	32						
	YAKIMA-ROZA		1996	2021	341	341	.06390
R	341						
	LITTLE GOOSE		1977	2021	33	33	.06390
R	33						
	LITTLE GOOSE		1976	2021	32	32	.06390
R	32						
	HUNGRY HORSE		1996	2021	140	140	.06390
R	140						
	LITTLE GOOSE		1975	2021	33	33	.06390
R	33						
	MINIDOKA		1996	2021	146	146	.06390
R	146						
	LITTLE GOOSE		1981	2021	33	33	.06390
R	33						
	LITTLE GOOSE		1980	2021	32	32	.06390
R	32						
	LITTLE GOOSE		1974	2021	32	32	.06390
R	32						

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	R	LITTLE GOOSE	1973	2021	33	.06390
		33				
	R	LITTLE GOOSE	1979	2021	33	.06390
		33				
	R	LITTLE GOOSE	1972	2021	32	.06390
		32				
	R	LITTLE GOOSE	1971	2021	48,422	.06390
		33,077				

		TOTAL				
		593,833				
2021	R	DWORSHAK	2013	2021	36	.05488
		36				
	R	DWORSHAK	2009	2021	51	.05585
		51				
	R	LITTLE GOOSE	1986	2021	270	.06390
		270				
	R	LITTLE GOOSE	1983	2021	33	.06390
		33				
	R	LITTLE GOOSE	2011	2021	11	.05543
		11				
	R	LITTLE GOOSE	1987	2021	6	.06390
		6				
	R	LITTLE GOOSE	1985	2021	196	.06390
		196				
	R	LITTLE GOOSE	1982	2021	32	.06390
		32				
	R	BOISE	1996	2021	88	.06390
		88				
	R	BONNEVILLE	2011	2021	102	.05543
		102				
	R	BONNEVILLE	2001	2021	570	.05754
		570				
	R	JOHN DAY	1971	2021	39,419	.06390
		39,419				
	R	LITTLE GOOSE	1971	2021	48,422	.06390
		15,345				

		Prtg.txt				
R	LIBBY	1,649	2006	2021	1,649	1,649 .05648
R	BONNEVILLE	76	2016	2021	76	76 .05360
	JOHN DAY	162	1997	2022	162	162 .06390
	MINIDOKA	277	1998	2033	277	277 .06180

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
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(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
	MINIDOKA	128	1998	2033	128	128	.06180
	HUNGRY HORSE	262	1998	2033	262	262	.06180
R	COLUMBIA BASIN	898	1998	2033	898	898	.06180
	COLUMBIA BASIN	357	1998	2033	357	357	.06180
R	HUNGRY HORSE	217	1998	2048	217	217	.06180
	LOWER SNAKE F AND W	2,768	1998	2048	2,768	2,768	.06180
	COLUMBIA RIVER FISH MITIGATION	137,104	1998	2048	137,104	137,104	.06180
	BONNEVILLE		1998	2048	22,149	22,149	.06180

			Prtg.txt			
	22,149					
R	YAKIMA-ROZA	1998	2023	43	43	.06070
	43					
R	HUNGRY HORSE	1999	2034	74	74	.05970
	74					
R	LOWER SNAKE F AND W	1999	2034	205	205	.05970
	205					
	COLUMBIA BASIN	1999	2034	104	104	.05970
	104					
	COLUMBIA RIVER FISH MITIGATION	1999	2049	37,360	37,360	.05970
	37,360					
	BONNEVILLE	1999	2049	12,609	12,609	.05970
	12,609					
	COLUMBIA BASIN	1999	2049	2,581	2,581	.05970
R	2,581					
R	BOISE	1999	2049	165	165	.05970
	165					
R	JOHN DAY	2000	2030	498	498	.05965
	498					
R	LITTLE GOOSE	2001	2031	227	227	.05965
	227					
R	LOWER GRANITE	2005	2035	628	628	.05965
	628					
R	COLUMBIA BASIN	2007	2037	1,875	1,875	.05965
	1,875					
R	LOST CREEK	2007	2037	16	16	.05965
	16					
R	GREEN PETER-FOSTER	2002	2037	3,538	3,538	.05965
	3,538					
R	MINIDOKA	2007	2037	64	64	.05965
	64					
R	GREEN PETER-FOSTER	2003	2038	1,742	1,742	.05965
	1,742					
R	COLUMBIA BASIN	2008	2038	2,104	2,104	.05965
	2,104					
R	LOWER MONUMENTAL	2004	2039	9,671	9,671	.05965
	9,671					
R	JOHN DAY	2005	2040	42,621	42,621	.05965
	42,621					

		Prtg.txt				
R	LITTLE GOOSE	2006	2041	11,802	11,802	.05965
	11,802					
R	ICE HARBOR	2002	2042	10,880	10,880	.05965
	10,880					
R	HILLS CREEK	2002	2042	1,483	1,483	.05965
	1,483					
R	HUNGRY HORSE	2013	2043	424	424	.05965
	424					
R	DWORSHAK	2008	2043	11,643	11,643	.05965
	11,643					
R	LOWER SNAKE F AND W	2013	2043	2,080	2,080	.05965
	2,080					
R	THE DALLES	2008	2043	17,817	17,817	.05965
	17,817					
R	COUGAR	2004	2044	1,455	1,455	.05965
	1,455					
R	LOWER GRANITE	2010	2045	7,949	7,949	.05965
	7,949					
R	BONNEVILLE	2011	2046	67,364	67,364	.05965
	67,364					
R	ICE HARBOR	2011	2046	6,066	6,066	.05965
	6,066					
R	LIBBY	2011	2046	9,118	9,118	.05965
	9,118					

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PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT						
+						

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R	YAKIMA-CHANDLER	2001	2046	693	693	.05965
	693					
R	YAKIMA-CHANDLER	2016	2046	54	54	.05965
	54					
R	BOISE	2017	2047	59	59	.05965
	59					
R	GREEN PETER-FOSTER	2007	2047	1,829	1,829	.05965
	1,829					
R	MINIDOKA	2017	2047	79	79	.05965
	79					
R	BONNEVILLE	2012	2047	48	48	.05965
	48					
R	BOISE	2007	2047	718	718	.05965
	718					
R	MINIDOKA	2002	2047	3,597	3,597	.05965
	3,597					
R	LOST CREEK	2012	2047	1,429	1,429	.05965
	1,429					
R	LITTLE GOOSE	2013	2048	9,209	9,209	.05965
	9,209					
R	CHIEF JOSEPH	2013	2048	60,637	60,637	.05965
	60,637					
R	LOWER GRANITE	2013	2048	9,362	9,362	.05965
	9,362					
R	COLUMBIA BASIN	2013	2048	49,151	49,151	.05965
	49,151					
R	GREEN PETER-FOSTER	2008	2048	1,572	1,572	.05965
	1,572					
R	YAKIMA-ROZA	2018	2048	4	4	.05965
	4					
R	YAKIMA-ROZA	2003	2048	188	188	.05965
	188					
R	LOWER MONUMENTAL	2014	2049	8,896	8,896	.05965
	8,896					
R	LOWER MONUMENTAL	2009	2049	9,908	9,908	.05965
	9,908					
R	JOHN DAY	2010	2050	26,571	26,571	.05965
	6,433					

TOTAL						
650,278						
2022	THE DALLES	2015	2022	44	44	.05460
R	44					
	MINIDOKA	2007	2022	76	76	.05648
R	76					
	DWORSHAK	2015	2022	16	16	.05460
R	16					
	ICE HARBOR	2012	2022	75	75	.05543
R	75					
	LOST CREEK	2007	2022	34	34	.05648
R	34					
	COLUMBIA BASIN	2007	2022	758	758	.05648
R	758					
	HILLS CREEK	2002	2022	46	46	.05754
R	46					
	ICE HARBOR	2007	2022	784	784	.05648
R	784					
	ICE HARBOR	2002	2022	1,363	1,363	.05754
R	1,363					
	HILLS CREEK	2007	2022	448	448	.05648
R	448					
	JOHN DAY	2010	2050	26,571	20,138	.05965
R	20,138					
	LITTLE GOOSE	2011	2051	9,904	9,904	.05965
R	9,904					
	HILLS CREEK	2007	2052	81	81	.05965
R	81					
	ICE HARBOR	2007	2052	158	158	.05965
R	158					
	BONNEVILLE	2017	2052	64,749	64,749	.05965
R	64,749					
	ICE HARBOR	2022	2052	555	555	.05965
R	555					
	COLUMBIA BASIN	2017	2052	35,501	35,501	.05965
R	35,501					

1 R MINIDOKA 5,492 Prtg.txt 2007 2052 5,492 5,492 .05965

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
HUNGRY HORSE		2003	2053	41,384	41,384	.05965
R 41,384						
LOWER SNAKE F AND W		2018	2053	1,069	1,069	.05965
R 1,069						
DWORSHAK		2013	2053	7,236	7,236	.05965
R 7,236						
THE DALLES		2013	2053	14,425	14,425	.05965
R 14,425						
DETROIT-BIG CLIFF		2004	2054	2,571	2,571	.05965
R 2,571						
DETROIT-BIG CLIFF		2004	2054	520	520	.05965
R 520						
LIBBY		2020	2055	6,602	6,602	.05965
R 6,602						
LOWER GRANITE		2015	2055	6,630	6,630	.05965
R 6,630						
ALBENI FALLS		2005	2055	2,078	2,078	.05965
R 2,078						
LOOKOUT POINT-DEXTER		2005	2055	3,749	3,749	.05965
R 3,749						
LOOKOUT POINT-DEXTER		2005	2055	468	468	.05965

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R	468					
	MCNARY	2005	2055	18,905	18,905	.05965
R	18,905					
	LIBBY	2016	2056	13,620	13,620	.05965
R	13,620					
	ICE HARBOR	2016	2056	4,070	4,070	.05965
R	4,070					
	YAKIMA-CHANDLER	2006	2056	2,959	2,959	.05965
R	2,959					
	CHIEF JOSEPH	2007	2057	10,157	10,157	.05965
R	10,157					
	LOST CREEK	2017	2057	1,115	1,115	.05965
R	1,115					
	MINIDOKA	2007	2057	6,382	6,382	.05965
R	6,382					
	BONNEVILLE	2017	2057	250	250	.05965
R	250					
	MINIDOKA	2022	2057	2,791	2,791	.05965
R	2,791					
	CHIEF JOSEPH	2018	2058	38,748	38,748	.05965
R	38,748					
	LITTLE GOOSE	2018	2058	8,258	8,258	.05965
R	8,258					
	LOWER GRANITE	2018	2058	7,271	7,271	.05965
R	7,271					
	COLUMBIA BASIN	2018	2058	171,606	171,606	.05965
R	171,606					
	YAKIMA-ROZA	2008	2058	331	331	.05965
R	331					
	LOWER MONUMENTAL	2019	2059	6,459	6,459	.05965
R	6,459					
	THE DALLES	2009	2059	17,997	17,997	.05965
R	17,997					
	BONNEVILLE	2021	2061	59,392	59,392	.05965
R	59,392					
	BONNEVILLE	2022	2062	57,871	57,871	.05965
R	57,871					
	HILLS CREEK	2012	2062	470	470	.05965
R	470					

		Prtg.txt				
R	ICE HARBOR	2012	2062	3,694	3,694	.05965
	3,694					
R	BOISE	2017	2062	685	685	.05965
	685					
R	COUGAR	2014	2064	593	593	.05965
	593					
R	ICE HARBOR	2021	2066	26	26	.05965
	26					
R	GREEN PETER-FOSTER	2017	2067	1,464	1,464	.05965
	1,464					
R	MINIDOKA	2017	2067	4,254	4,254	.05965
	4,254					
R	LOST CREEK	2022	2067	482	482	.05965
	482					
R	GREEN PETER-FOSTER	2018	2068	257	257	.05965
	257					
R	LOWER MONUMENTAL	2019	2069	3,868	3,868	.05965
	3,868					

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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	JOHN DAY	8,618	2020	2070	8,618	8,618	.05965
R	LITTLE GOOSE	3,348	2021	2071	3,348	3,348	.05965
R	MINIDOKA		1999	2024	66	66	.05860

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		66					
	LOWER GRANITE		2000	2025	195	195	.05859
R		195					
	ICE HARBOR		2001	2026	40	40	.05859
R		40					
	LIBBY		2001	2026	2,286	2,286	.05859
R		2,286					
	BOISE		2002	2027	2,316	2,316	.05859
R		135					

	TOTAL						
		685,617					
2023	DWORSHAK		2013	2023	172	172	.05543
R		172					
	THE DALLES		2015	2023	66	66	.05488
R		66					
	GREEN PETER-FOSTER		2016	2023	16	16	.05460
R		16					
	LOWER GRANITE		2008	2023	294	294	.05648
R		294					
	LOWER GRANITE		2011	2023	19	19	.05585
R		19					
	GREEN PETER-FOSTER		2015	2023	13	13	.05488
R		13					
	LOWER SNAKE F AND W		2018	2023	45	45	.05360
R		45					
	LOWER SNAKE F AND W		2015	2023	102	102	.05488
R		102					
	LOWER GRANITE		2015	2023	30	30	.05488
R		30					
	COLUMBIA BASIN		2008	2023	1,023	1,023	.05648
R		1,023					
	CHIEF JOSEPH		2008	2023	176	176	.05648
R		176					
	LOWER SNAKE F AND W		2013	2023	975	975	.05543
R		975					
	LOWER SNAKE F AND W		2003	2023	4,897	4,897	.05754

		Prtg.txt				
R	4,897					
	HUNGRY HORSE	2023	2058	3,003	3,003	.05965
R	3,003					
	LOWER SNAKE F AND W	2023	2063	6,744	6,744	.05965
R	6,744					
	COLUMBIA BASIN	2023	2068	53,529	53,529	.05965
R	53,529					
	LITTLE GOOSE	2023	2068	118	118	.05965
R	118					
	DWORSHAK	2023	2073	1,640	1,640	.05965
R	1,640					
	THE DALLES	2023	2073	5,359	5,359	.05965
R	5,359					
	BOISE	2002	2027	2,316	2,181	.05859
R	2,181					
	BONNEVILLE	2002	2027	13	13	.05859
R	13					
	LOST CREEK	2002	2027	151	151	.05859
R	151					
	HUNGRY HORSE	2003	2028	9,617	9,617	.05859
R	9,617					
	CHIEF JOSEPH	2003	2028	297	297	.05859
R	297					
	LITTLE GOOSE	2003	2028	36	36	.05859
R	36					
	LOWER GRANITE	2003	2028	110	110	.05859
R	110					
	COLUMBIA BASIN	2003	2028	49,315	49,315	.05859
R	49,315					
	DETROIT-BIG CLIFF	2004	2029	568	568	.05859
R	568					
	LOWER MONUMENTAL	2004	2029	38	38	.05859
R	38					
	DETROIT-BIG CLIFF	2004	2029	192	192	.05859
R	192					

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(ALL AMOUNT IN \$1000)

REPLACEMENT	PROJECT AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	ALBENI FALLS 2,214	2005	2030	2,214	2,214	.05859
R	LOOKOUT POINT-DEXTER 496	2005	2030	496	496	.05859
R	M McNARY 858	2005	2030	858	858	.05859
R	YAKIMA-CHANDLER 844	2006	2031	844	844	.05859
R	MINIDOKA 2,103	2007	2032	2,103	2,103	.05859
R	CHIEF JOSEPH 3,647	2007	2032	3,647	3,647	.05859
R	BONNEVILLE 3,930	2007	2032	3,930	3,930	.05859
R	LOWER SNAKE F AND W 947	2008	2033	947	947	.05859
R	YAKIMA-ROZA 95	2008	2033	95	95	.05859
R	THE DALLES 2,363	2009	2034	2,363	2,363	.05859
R	LIBBY 243	2010	2035	243	243	.05859
R	HILLS CREEK 142	2012	2037	142	142	.05859
R	ICE HARBOR 1,487	2012	2037	1,487	1,487	.05859
R	COUGAR 123	2014	2039	123	123	.05859

		Prtg.txt				
R	123					
	BONNEVILLE	2016	2041	2,377	2,377	.05859
R	2,377					
	MINIDOKA	2017	2042	1,761	1,761	.05859
R	1,761					
	GREEN PETER-FOSTER	2017	2042	410	410	.05859
R	410					
	GREEN PETER-FOSTER	2018	2043	149	149	.05859
R	149					
	LOWER MONUMENTAL	2019	2044	801	801	.05859
R	801					
	JOHN DAY	2020	2045	3,254	3,254	.05859
R	3,254					
	LITTLE GOOSE	2021	2046	918	918	.05859
R	918					
	COLUMBIA BASIN	2022	2047	41,934	41,934	.05859
R	41,934					
	THE DALLES	2023	2048	209	209	.05859
R	209					
	DWORSHAK	2023	2048	6,925	6,925	.05859
R	6,925					
	COUGAR	2004	2024	66	66	.05754
R	66					
	COLUMBIA BASIN	2007	2027	4,237	4,237	.05754
R	4,237					
	BOISE	2007	2027	127	127	.05754
R	127					
	GREEN PETER-FOSTER	2007	2027	124	124	.05754
R	124					
	GREEN PETER-FOSTER	2008	2028	64	64	.05754
R	64					
	LOWER MONUMENTAL	2009	2029	290	290	.05754
R	290					
	JOHN DAY	2010	2030	600	600	.05754
R	600					
	LITTLE GOOSE	2011	2031	418	418	.05754
R	418					
	HUNGRY HORSE	2013	2033	632	632	.05754
R	632					

		Prtg.txt				
R	THE DALLES	2013	2033	1,805	1,805	.05754
	1,805					
R	DWORSHAK	2013	2033	3,207	3,207	.05754
	3,207					
R	DETROIT-BIG CLIFF	2014	2034	103	103	.05754
	103					
R	LOOKOUT POINT-DEXTER	2015	2035	32	32	.05754
	32					
R	LOWER GRANITE	2015	2035	959	959	.05754
	959					
R	MCNARY	2015	2035	1,161	1,161	.05754
	1,161					

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT		IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT	AMOUNT					
	ALBENI FALLS		2015	2035	814	814	.05754
R	814						
	LOOKOUT POINT-DEXTER		2015	2035	407	407	.05754
R	407						
	LIBBY		2016	2036	579	579	.05754
R	579						
	ICE HARBOR		2016	2036	183	183	.05754
R	183						
	YAKIMA-CHANDLER		2016	2036	81	81	.05754
R	81						
	CHIEF JOSEPH		2017	2037	1,898	1,898	.05754

		Prtg.txt				
R	1,898					
	LOST CREEK	2017	2037	69	69	.05754
R	69					
	MINIDOKA	2017	2037	249	249	.05754
R	249					
	MINIDOKA	2017	2037	84	84	.05754
R	84					
	LOWER GRANITE	2018	2038	294	294	.05754
R	294					
	COLUMBIA BASIN	2018	2038	4,956	4,956	.05754
R	4,956					
	CHIEF JOSEPH	2018	2038	616	616	.05754
R	616					
	LITTLE GOOSE	2018	2038	182	182	.05754
R	182					
	YAKIMA-ROZA	2018	2038	8	8	.05754
R	8					
	LOWER MONUMENTAL	2019	2039	291	291	.05754
R	291					
	THE DALLES	2019	2039	1,151	1,151	.05754
R	1,151					
	BONNEVILLE	2021	2041	570	570	.05754
R	570					
	HILLS CREEK	2022	2042	46	46	.05754
R	46					
	ICE HARBOR	2022	2042	1,363	1,363	.05754
R	1,363					
	LOWER SNAKE F AND W	2023	2043	4,897	4,897	.05754
R	4,897					
	COUGAR	2009	2024	41	41	.05648
R	41					
	BONNEVILLE	2012	2027	1,024	1,024	.05648
R	1,024					
	GREEN PETER-FOSTER	2012	2027	895	895	.05648
R	895					
	LOWER SNAKE F AND W	2013	2028	1,053	1,053	.05648
R	1,053					
	HUNGRY HORSE	2013	2028	420	420	.05648
R	420					

		Prtg.txt				
R	GREEN PETER-FOSTER	2013	2028	731	731	.05648
	731					
R	DETROIT-BIG CLIFF	2014	2029	85	85	.05648
	85					
R	LOWER MONUMENTAL	2014	2029	1,898	1,898	.05648
	1,898					
R	DETROIT-BIG CLIFF	2014	2029	272	272	.05648
	272					
R	LOOKOUT POINT-DEXTER	2015	2030	401	401	.05648
	401					
R	LIBBY	2015	2030	181	181	.05648
	181					
R	MCNARY	2015	2030	430	430	.05648
	430					
R	ALBENI FALLS	2015	2030	51	51	.05648
	51					
R	LOOKOUT POINT-DEXTER	2015	2030	70	70	.05648
	70					
R	JOHN DAY	2015	2030	1,835	1,835	.05648
	1,835					
R	LITTLE GOOSE	2016	2031	1,461	1,461	.05648
	1,461					
R	YAKIMA-CHANDLER	2016	2031	23	23	.05648
	23					
R	BONNEVILLE	2016	2031	2,362	2,362	.05648
	2,362					
R	CHIEF JOSEPH	2017	2032	1,242	1,242	.05648
	1,242					

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	Prtg.txt IN-SERVICE	DUE	GROSS	NET	RATE
	BOISE		2017	2032	12	12	.05648
R		12					
	MINIDOKA		2017	2032	114	114	.05648
R		114					
	DWORSHAK		2018	2033	2,749	2,749	.05648
R		2,749					
	THE DALLES		2018	2033	1,702	1,702	.05648
R		1,702					
	YAKIMA-ROZA		2018	2033	2	2	.05648
R		2					
	THE DALLES		2019	2034	1,171	1,171	.05648
R		1,171					
	LOWER GRANITE		2020	2035	2,383	2,383	.05648
R		2,383					
	LIBBY		2021	2036	1,649	1,649	.05648
R		1,649					
	COLUMBIA BASIN		2022	2037	758	758	.05648
R		758					
	LOST CREEK		2022	2037	34	34	.05648
R		34					
	MINIDOKA		2022	2037	76	76	.05648
R		76					
	HILLS CREEK		2022	2037	448	448	.05648
R		448					
	ICE HARBOR		2022	2037	784	784	.05648
R		784					
	COLUMBIA BASIN		2023	2038	1,023	1,023	.05648
R		1,023					
	CHIEF JOSEPH		2023	2038	176	176	.05648
R		176					
	LOWER GRANITE		2023	2038	294	294	.05648
R		294					
	BONNEVILLE		2013	2025	134	134	.05585
R		134					

		Prtg.txt				
R	DETROIT-BIG CLIFF	2014	2026	16	16	.05585
	16					
R	MCNARY	2015	2027	95	95	.05585
	95					
R	LOOKOUT POINT-DEXTER	2015	2027	37	37	.05585
	37					
R	ALBENI FALLS	2015	2027	114	114	.05585
	114					
R	JOHN DAY	2018	2030	146	146	.05585
	146					
R	LOWER SNAKE F AND W	2019	2031	489	489	.05585
	489					
R	THE DALLES	2019	2031	9	9	.05585
	9					
R	DWORSHAK	2021	2033	51	51	.05585
	51					
R	LOWER GRANITE	2023	2035	19	19	.05585
	19					
R	DETROIT-BIG CLIFF	2014	2024	22	22	.05543
	22					
R	LOWER GRANITE	2015	2025	837	837	.05543
	837					
R	MCNARY	2015	2025	153	153	.05543
	153					
R	ALBENI FALLS	2015	2025	1,050	1,050	.05543
	1,050					
R	LOOKOUT POINT-DEXTER	2015	2025	99	99	.05543
	99					
R	YAKIMA-CHANDLER	2016	2026	54	54	.05543
	54					
R	LIBBY	2016	2026	59	59	.05543
	59					
R	GREEN PETER-FOSTER	2017	2027	19	19	.05543
	19					
R	CHIEF JOSEPH	2017	2027	36	36	.05543
	36					
R	LOST CREEK	2017	2027	4	4	.05543
	4					
R	MINIDOKA	2017	2027	15	15	.05543

		Prtg.txt				
R	15					
	LITTLE GOOSE	2018	2028	977	977	.05543
R	977					
	LOWER MONUMENTAL	2019	2029	11	11	.05543
R	11					

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	THE DALLES	2019	2029	1	1	.05543
R	JOHN DAY	2020	2030	38	38	.05543
R	LITTLE GOOSE	2021	2031	11	11	.05543
R	BONNEVILLE	2021	2031	102	102	.05543
R	ICE HARBOR	2022	2032	75	75	.05543
R	DWORSHAK	2023	2033	172	172	.05543
R	LOWER SNAKE F AND W	2023	2033	975	975	.05543
R	LOWER MONUMENTAL	2017	2025	42	42	.05488
R	ICE HARBOR	2018	2026	25	25	.05488

		Prtg.txt				
R	DETROIT-BIG CLIFF	2018	2026	29	29	.05488
	29					
R	MCNARY	2019	2027	56	56	.05488
R	56					
R	LOOKOUT POINT-DEXTER	2019	2027	5	5	.05488
R	5					
R	LITTLE GOOSE	2019	2027	38	38	.05488
R	38					
R	COUGAR	2020	2028	3	3	.05488
R	3					
R	DWORSHAK	2021	2029	36	36	.05488
R	36					
R	THE DALLES	2023	2031	66	66	.05488
R	66					
R	LOWER GRANITE	2023	2031	30	30	.05488
R	30					
R	GREEN PETER-FOSTER	2023	2031	13	13	.05488
R	13					
R	LOWER SNAKE F AND W	2023	2031	102	102	.05488
R	102					
R	DETROIT-BIG CLIFF	2017	2024	4	4	.05460
R	4					
R	LOWER GRANITE	2017	2024	23	23	.05460
R	23					
R	MCNARY	2018	2025	27	27	.05460
R	27					
R	LOOKOUT POINT-DEXTER	2018	2025	14	14	.05460
R	14					
R	LOWER MONUMENTAL	2018	2025	22	22	.05460
R	22					
R	ICE HARBOR	2018	2025	14	14	.05460
R	14					
R	LOWER SNAKE F AND W	2018	2025	535	535	.05460
R	535					
R	LIBBY	2018	2025	59	59	.05460
R	59					
R	BONNEVILLE	2018	2025	5	5	.05460
R	5					
R	JOHN DAY	2019	2026	4	4	.05460

		Prtg.txt				
R	4					
	LOST CREEK	2019	2026	1	1	.05460
R	1					
	LITTLE GOOSE	2020	2027	22	22	.05460
R	22					
	COUGAR	2020	2027	2	2	.05460
R	2					
	DWORSHAK	2022	2029	16	16	.05460
R	16					
	THE DALLES	2022	2029	44	44	.05460
R	44					
	GREEN PETER-FOSTER	2023	2030	16	16	.05460
R	16					
	THE DALLES	2019	2024	40	40	.05360
R	40					
	DETROIT-BIG CLIFF	2019	2024	2	2	.05360
R	2					
	JOHN DAY	2020	2025	26	26	.05360
R	26					
	BONNEVILLE	2021	2026	76	76	.05360
R	76					

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT						
+						
-----	-----	-----	-----	-----	-----	-----
LOWER SNAKE F AND W	45	2023	2028	45	45	.05360
R						

 TOTAL
 286,644

2024		DETROIT-BIG CLIFF	2024	2059	2,307	2,307	.05965
R		2,307					
	R	DETROIT-BIG CLIFF	2024	2059	11,808	11,808	.05965
		11,808					
	R	LOWER MONUMENTAL	2024	2069	106	106	.05965
		106					
	R	COUGAR	2024	2044	66	66	.05754
		66					
	R	COUGAR	2024	2039	41	41	.05648
		41					
	R	DETROIT-BIG CLIFF	2024	2034	22	22	.05543
		22					
	R	LOWER GRANITE	2024	2031	23	23	.05460
		23					
	R	DETROIT-BIG CLIFF	2024	2031	4	4	.05460
		4					
	R	DETROIT-BIG CLIFF	2024	2029	2	2	.05360
		2					
	R	THE DALLES	2024	2029	40	40	.05360
		40					

 TOTAL
 14,419

2025		MCNARY	2025	2060	59,353	59,353	.05965
R		59,353					
	R	LOOKOUT POINT-DEXTER	2025	2060	1,973	1,973	.05965
		1,973					
	R	LOOKOUT POINT-DEXTER	2025	2060	9,844	9,844	.05965
		9,844					
	R	ALBENI FALLS	2025	2060	7,463	7,463	.05965
		7,463					
	R	LIBBY	2025	2065	6,850	6,850	.05965

		Prtg.txt				
R	6,850					
	LOWER GRANITE	2025	2075	1,486	1,486	.05965
R	1,486					
	LOWER GRANITE	2025	2050	195	195	.05859
R	195					
	BONNEVILLE	2025	2037	134	134	.05585
R	134					
	LOWER GRANITE	2025	2035	837	837	.05543
R	837					
	MCNARY	2025	2035	153	153	.05543
R	153					
	LOOKOUT POINT-DEXTER	2025	2035	99	99	.05543
R	99					
	ALBENI FALLS	2025	2035	1,050	1,050	.05543
R	1,050					
	LOWER MONUMENTAL	2025	2033	42	42	.05488
R	42					
	LIBBY	2025	2032	59	59	.05460
R	59					
	LOWER MONUMENTAL	2025	2032	22	22	.05460
R	22					
	ICE HARBOR	2025	2032	14	14	.05460
R	14					
	BONNEVILLE	2025	2032	5	5	.05460
R	5					
	LOOKOUT POINT-DEXTER	2025	2032	14	14	.05460
R	14					
	MCNARY	2025	2032	27	27	.05460
R	27					
	LOWER SNAKE F AND W	2025	2032	535	535	.05460
R	535					
	JOHN DAY	2025	2030	26	26	.05360
R	26					

	TOTAL					
	90,181					

APPLICATION OF AMORTIZATION
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GENERATION FY 1999

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PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
2026	YAKIMA-CHANDLER		2026	2061	429	429	.05965
R		429					
	LIBBY		2026	2076	2,906	2,906	.05965
R		2,906					
	ICE HARBOR		2026	2076	1,169	1,169	.05965
R		1,169					
	LIBBY		2026	2051	2,286	2,286	.05859
R		2,286					
	ICE HARBOR		2026	2051	40	40	.05859
R		40					
	DETROIT-BIG CLIFF		2026	2038	16	16	.05585
R		16					
	YAKIMA-CHANDLER		2026	2036	54	54	.05543
R		54					
	LIBBY		2026	2036	59	59	.05543
R		59					
	ICE HARBOR		2026	2034	25	25	.05488
R		25					
	DETROIT-BIG CLIFF		2026	2034	29	29	.05488
R		29					
	JOHN DAY		2026	2033	4	4	.05460
R		4					
	LOST CREEK		2026	2033	1	1	.05460
R		1					

		Prtg.txt				
	BONNEVILLE	2026	2031	76	76	.05360
R	76					

	TOTAL					
	7,094					
2027	MINIDOKA	2027	2062	663	663	.05965
R	663					
	CHIEF JOSEPH	2027	2062	50,024	50,024	.05965
R	50,024					
	COLUMBIA BASIN	2027	2067	39,979	39,979	.05965
R	39,979					
	BONNEVILLE	2027	2072	886	886	.05965
R	886					
	LOST CREEK	2027	2077	545	545	.05965
R	545					
	BONNEVILLE	2027	2077	378	378	.05965
R	378					
	BOISE	2027	2077	7,751	7,751	.05965
R	7,751					
	LOST CREEK	2027	2052	151	151	.05859
R	151					
	BONNEVILLE	2027	2052	13	13	.05859
R	13					
	BOISE	2027	2052	2,316	2,316	.05859
R	2,316					
	GREEN PETER-FOSTER	2027	2047	124	124	.05754
R	124					
	COLUMBIA BASIN	2027	2047	4,237	4,237	.05754
R	4,237					
	BOISE	2027	2047	127	127	.05754
R	127					
	GREEN PETER-FOSTER	2027	2042	895	895	.05648
R	895					
	BONNEVILLE	2027	2042	1,024	1,024	.05648
R	1,024					
	LOOKOUT POINT-DEXTER	2027	2039	37	37	.05585
R	37					

		Prtg.txt				
R	MCNARY	95	2027	2039	95	.05585
R	ALBENI FALLS	114	2027	2039	114	.05585
R	MINIDOKA	15	2027	2037	15	.05543
R	LOST CREEK	4	2027	2037	4	.05543
R	GREEN PETER-FOSTER	19	2027	2037	19	.05543
R	CHIEF JOSEPH	36	2027	2037	36	.05543
R	MCNARY	56	2027	2035	56	.05488
R	LITTLE GOOSE	38	2027	2035	38	.05488

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	LOOKOUT POINT-DEXTER	5	2027	2035	5	5	.05488
R	COUGAR	2	2027	2034	2	2	.05460
R	LITTLE GOOSE	22	2027	2034	22	22	.05460

TOTAL

109,556

2028	YAKIMA-ROZA	2028	2063	58	58	.05965
R	58					
	LOWER SNAKE F AND W	2028	2073	1,007	1,007	.05965
R	1,007					
	LOWER GRANITE	2028	2078	1,552	1,552	.05965
R	1,552					
	LITTLE GOOSE	2028	2078	1,603	1,603	.05965
R	1,603					
	COLUMBIA BASIN	2028	2078	104,261	104,261	.05965
R	104,261					
	CHIEF JOSEPH	2028	2078	10,714	10,714	.05965
R	10,714					
	LITTLE GOOSE	2028	2053	36	36	.05859
R	36					
	HUNGRY HORSE	2028	2053	9,617	9,617	.05859
R	9,617					
	LOWER GRANITE	2028	2053	110	110	.05859
R	110					
	COLUMBIA BASIN	2028	2053	49,315	49,315	.05859
R	49,315					
	CHIEF JOSEPH	2028	2053	297	297	.05859
R	297					
	GREEN PETER-FOSTER	2028	2048	64	64	.05754
R	64					
	GREEN PETER-FOSTER	2028	2043	731	731	.05648
R	731					
	LOWER SNAKE F AND W	2028	2043	1,053	1,053	.05648
R	1,053					
	HUNGRY HORSE	2028	2043	420	420	.05648
R	420					
	LITTLE GOOSE	2028	2038	977	977	.05543
R	977					
	COUGAR	2028	2036	3	3	.05488
R	3					
	LOWER SNAKE F AND W	2028	2033	45	45	.05360

R 45

 TOTAL
 181,863

2029	LOWER MONUMENTAL	2029	2059	232	232	.05965
R	232					
	THE DALLES	2029	2064	64,712	64,712	.05965
R	64,712					
	LOWER MONUMENTAL	2029	2079	1,570	1,570	.05965
R	1,570					
	LOWER MONUMENTAL	2029	2054	38	38	.05859
R	38					
	DETROIT-BIG CLIFF	2029	2054	568	568	.05859
R	568					
	DETROIT-BIG CLIFF	2029	2054	192	192	.05859
R	192					
	LOWER MONUMENTAL	2029	2049	290	290	.05754
R	290					
	LOWER MONUMENTAL	2029	2044	1,898	1,898	.05648
R	1,898					
	DETROIT-BIG CLIFF	2029	2044	272	272	.05648
R	272					
	DETROIT-BIG CLIFF	2029	2044	85	85	.05648
R	85					
	LOWER MONUMENTAL	2029	2039	11	11	.05543
R	11					
	THE DALLES	2029	2039	1	1	.05543
R	1					
	DWORSHAK	2029	2037	36	36	.05488
R	36					
	DWORSHAK	2029	2036	16	16	.05460
R	16					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	THE DALLES	44	2029	2036	44	44	.05460
R	DETROIT-BIG CLIFF	2	2029	2034	2	2	.05360
R	THE DALLES	40	2029	2034	40	40	.05360
	TOTAL	70,007					
2030	JOHN DAY	498	2030	2060	498	498	.05965
R	LOOKOUT POINT-DEXTER	496	2030	2055	496	496	.05859
R	MCNARY	858	2030	2055	858	858	.05859
R	ALBENI FALLS	2,214	2030	2055	2,214	2,214	.05859
R	JOHN DAY	600	2030	2050	600	600	.05754
R	LIBBY	181	2030	2045	181	181	.05648
R	LOOKOUT POINT-DEXTER	401	2030	2045	401	401	.05648
R	JOHN DAY	1,835	2030	2045	1,835	1,835	.05648
R	LOOKOUT POINT-DEXTER	70	2030	2045	70	70	.05648

		Prtg.txt				
R	70					
	MCNARY	2030	2045	430	430	.05648
R	430					
	ALBENI FALLS	2030	2045	51	51	.05648
R	51					
	JOHN DAY	2030	2042	146	146	.05585
R	146					
	JOHN DAY	2030	2040	38	38	.05543
R	38					
	GREEN PETER-FOSTER	2030	2037	16	16	.05460
R	16					
	JOHN DAY	2030	2035	26	26	.05360
R	26					

	TOTAL					
	7,860					
2031	LITTLE GOOSE	2031	2061	227	227	.05965
R	227					
	BONNEVILLE	2031	2076	1,023	1,023	.05965
R	1,023					
	YAKIMA-CHANDLER	2031	2056	844	844	.05859
R	844					
	LITTLE GOOSE	2031	2051	418	418	.05754
R	418					
	LITTLE GOOSE	2031	2046	1,461	1,461	.05648
R	1,461					
	BONNEVILLE	2031	2046	2,362	2,362	.05648
R	2,362					
	YAKIMA-CHANDLER	2031	2046	23	23	.05648
R	23					
	THE DALLES	2031	2043	9	9	.05585
R	9					
	LOWER SNAKE F AND W	2031	2043	489	489	.05585
R	489					
	LITTLE GOOSE	2031	2041	11	11	.05543
R	11					
	BONNEVILLE	2031	2041	102	102	.05543

		Prtg.txt				
R	102					
	LOWER GRANITE	2031	2039	30	30	.05488
R	30					
	GREEN PETER-FOSTER	2031	2039	13	13	.05488
R	13					
	LOWER SNAKE F AND W	2031	2039	102	102	.05488
R	102					
	THE DALLES	2031	2039	66	66	.05488
R	66					
	LOWER GRANITE	2031	2038	23	23	.05460
R	23					
	DETROIT-BIG CLIFF	2031	2038	4	4	.05460
R	4					

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	BONNEVILLE	76	2031	2036	76	76	.05360
R							
	TOTAL	7,283					
2032	ICE HARBOR	15,804	2032	2067	15,804	15,804	.05965
R							
	HILLS CREEK		2032	2067	2,213	2,213	.05965

		Prtg.txt				
R	2,213					
	BOISE	2032	2067	870	870	.05965
R	870					
	BONNEVILLE	2032	2082	12,544	12,544	.05965
R	12,544					
	MINIDOKA	2032	2057	2,103	2,103	.05859
R	2,103					
	CHIEF JOSEPH	2032	2057	3,647	3,647	.05859
R	3,647					
	BONNEVILLE	2032	2057	3,930	3,930	.05859
R	3,930					
	MINIDOKA	2032	2047	114	114	.05648
R	114					
	CHIEF JOSEPH	2032	2047	1,242	1,242	.05648
R	1,242					
	BOISE	2032	2047	12	12	.05648
R	12					
	ICE HARBOR	2032	2042	75	75	.05543
R	75					
	LOOKOUT POINT-DEXTER	2032	2039	14	14	.05460
R	14					
	LOWER MONUMENTAL	2032	2039	22	22	.05460
R	22					
	BONNEVILLE	2032	2039	5	5	.05460
R	5					
	LIBBY	2032	2039	59	59	.05460
R	59					
	LOWER SNAKE F AND W	2032	2039	535	535	.05460
R	535					
	MCNARY	2032	2039	27	27	.05460
R	27					
	ICE HARBOR	2032	2039	14	14	.05460
R	14					

	TOTAL					
	43,230					

2033	HUNGRY HORSE	2033	2073	5,498	5,498	.05965
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		Prtg.txt				
R	5,498					
	LOWER SNAKE F AND W	2033	2083	15,735	15,735	.05965
R	15,735					
	LOWER SNAKE F AND W	2033	2058	947	947	.05859
R	947					
	YAKIMA-ROZA	2033	2058	95	95	.05859
R	95					
	THE DALLES	2033	2053	1,805	1,805	.05754
R	1,805					
	HUNGRY HORSE	2033	2053	632	632	.05754
R	632					
	DWORSHAK	2033	2053	3,207	3,207	.05754
R	3,207					
	THE DALLES	2033	2048	1,702	1,702	.05648
R	1,702					
	YAKIMA-ROZA	2033	2048	2	2	.05648
R	2					
	DWORSHAK	2033	2048	2,749	2,749	.05648
R	2,749					
	DWORSHAK	2033	2045	51	51	.05585
R	51					
	LOWER SNAKE F AND W	2033	2043	975	975	.05543
R	975					
	DWORSHAK	2033	2043	172	172	.05543
R	172					
	LOWER MONUMENTAL	2033	2041	42	42	.05488
R	42					
	JOHN DAY	2033	2040	4	4	.05460
R	4					
	LOST CREEK	2033	2040	1	1	.05460
R	1					

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APPLICATION OF AMORTIZATION
96 FINAL RATE PROPOSAL

GENERATION FY 1999

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	R	LOWER SNAKE F AND W 45	2033	2038	45	45	.05360
		----- TOTAL					
		33,662					
2034	R	COUGAR 2,322	2034	2069	2,322	2,322	.05965
	R	DETROIT-BIG CLIFF 4,485	2034	2074	4,485	4,485	.05965
	R	DETROIT-BIG CLIFF 1,384	2034	2074	1,384	1,384	.05965
	R	THE DALLES 2,363	2034	2059	2,363	2,363	.05859
	R	DETROIT-BIG CLIFF 103	2034	2054	103	103	.05754
	R	THE DALLES 1,171	2034	2049	1,171	1,171	.05648
	R	DETROIT-BIG CLIFF 22	2034	2044	22	22	.05543
	R	DETROIT-BIG CLIFF 29	2034	2042	29	29	.05488
	R	ICE HARBOR 25	2034	2042	25	25	.05488
	R	COUGAR 2	2034	2041	2	2	.05460
	R	LITTLE GOOSE 22	2034	2041	22	22	.05460
	R	THE DALLES 40	2034	2039	40	40	.05360

		Prtg.txt				
R	DETROIT-BIG CLIFF	2034	2039	2	2	.05360
	2					

	TOTAL					
	11,970					
2035	LOWER GRANITE	2035	2065	628	628	.05965
R	628					
	MCNARY	2035	2075	30,454	30,454	.05965
R	30,454					
	LOOKOUT POINT-DEXTER	2035	2075	5,142	5,142	.05965
R	5,142					
	LOOKOUT POINT-DEXTER	2035	2075	2,138	2,138	.05965
R	2,138					
	ALBENI FALLS	2035	2075	559	559	.05965
R	559					
	LIBBY	2035	2085	4,523	4,523	.05965
R	4,523					
	LIBBY	2035	2060	243	243	.05859
R	243					
	LOOKOUT POINT-DEXTER	2035	2055	407	407	.05754
R	407					
	MCNARY	2035	2055	1,161	1,161	.05754
R	1,161					
	LOOKOUT POINT-DEXTER	2035	2055	32	32	.05754
R	32					
	LOWER GRANITE	2035	2055	959	959	.05754
R	959					
	ALBENI FALLS	2035	2055	814	814	.05754
R	814					
	LOWER GRANITE	2035	2050	2,383	2,383	.05648
R	2,383					
	LOWER GRANITE	2035	2047	19	19	.05585
R	19					
	MCNARY	2035	2045	153	153	.05543
R	153					
	LOOKOUT POINT-DEXTER	2035	2045	99	99	.05543
R	99					

		Prtg.txt				
	LOWER GRANITE	2035	2045	837	837	.05543
R	837					
	ALBENI FALLS	2035	2045	1,050	1,050	.05543
R	1,050					
	MCNARY	2035	2043	56	56	.05488
R	56					
	LITTLE GOOSE	2035	2043	38	38	.05488
R	38					
	LOOKOUT POINT-DEXTER	2035	2043	5	5	.05488
R	5					

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	JOHN DAY	26	2035	2040	26	26	.05360
R							
	TOTAL	51,726					

2036	YAKIMA-CHANDLER	447	2036	2076	447	447	.05965
R							
	YAKIMA-CHANDLER	81	2036	2056	81	81	.05754
R							
	LIBBY	579	2036	2056	579	579	.05754
R							

			Prtg.txt			
	ICE HARBOR		2036	2056	183	.05754
R	183					
	LIBBY		2036	2051	1,649	.05648
R	1,649					
	LIBBY		2036	2046	59	.05543
R	59					
	YAKIMA-CHANDLER		2036	2046	54	.05543
R	54					
	COUGAR		2036	2044	3	.05488
R	3					
	DWORSHAK		2036	2043	16	.05460
R	16					
	THE DALLES		2036	2043	44	.05460
R	44					
	BONNEVILLE		2036	2041	76	.05360
R	76					

	TOTAL					
	3,191					
2037	MINIDOKA		2037	2067	64	.05965
R	64					
	LOST CREEK		2037	2067	16	.05965
R	16					
	COLUMBIA BASIN		2037	2067	1,875	.05965
R	1,875					
	GREEN PETER-FOSTER		2037	2072	3,538	.05965
R	3,538					
	MINIDOKA		2037	2077	5,666	.05965
R	5,666					
	MINIDOKA		2037	2077	1,469	.05965
R	1,469					
	CHIEF JOSEPH		2037	2077	24,059	.05965
R	24,059					
	COLUMBIA BASIN		2037	2082	41,875	.05965
R	41,875					
	ICE HARBOR		2037	2062	1,487	.05859
R	1,487					

		Prtg.txt				
R	HILLS CREEK	2037	2062	142	142	.05859
	142					
R	LOST CREEK	2037	2057	69	69	.05754
	69					
R	MINIDOKA	2037	2057	249	249	.05754
	249					
R	MINIDOKA	2037	2057	84	84	.05754
	84					
R	CHIEF JOSEPH	2037	2057	1,898	1,898	.05754
	1,898					
R	HILLS CREEK	2037	2052	448	448	.05648
	448					
R	MINIDOKA	2037	2052	76	76	.05648
	76					
R	COLUMBIA BASIN	2037	2052	758	758	.05648
	758					
R	ICE HARBOR	2037	2052	784	784	.05648
	784					
R	LOST CREEK	2037	2052	34	34	.05648
	34					
R	BONNEVILLE	2037	2049	134	134	.05585
	134					
R	MINIDOKA	2037	2047	15	15	.05543
	15					
R	GREEN PETER-FOSTER	2037	2047	19	19	.05543
	19					
R	CHIEF JOSEPH	2037	2047	36	36	.05543
	36					

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	Prtg.txt IN-SERVICE	DUE	GROSS	NET	RATE
+							
	R	LOST CREEK 4	2037	2047	4	4	.05543
	R	DWORSHAK 36	2037	2045	36	36	.05488
	R	GREEN PETER-FOSTER 16	2037	2044	16	16	.05460
		----- TOTAL					
		84,851					
2038	R	COLUMBIA BASIN 2,104	2038	2068	2,104	2,104	.05965
	R	GREEN PETER-FOSTER 1,742	2038	2073	1,742	1,742	.05965
	R	YAKIMA-ROZA 113	2038	2078	113	113	.05965
	R	LOWER GRANITE 294	2038	2058	294	294	.05754
	R	LITTLE GOOSE 182	2038	2058	182	182	.05754
	R	YAKIMA-ROZA 8	2038	2058	8	8	.05754
	R	COLUMBIA BASIN 4,956	2038	2058	4,956	4,956	.05754
	R	CHIEF JOSEPH 616	2038	2058	616	616	.05754
	R	LOWER GRANITE 294	2038	2053	294	294	.05648
	R	COLUMBIA BASIN 1,023	2038	2053	1,023	1,023	.05648
	R	CHIEF JOSEPH 176	2038	2053	176	176	.05648
	R	DETROIT-BIG CLIFF	2038	2050	16	16	.05585

		Prtg.txt				
R	16					
	LITTLE GOOSE	2038	2048	977	977	.05543
R	977					
	DETROIT-BIG CLIFF	2038	2045	4	4	.05460
R	4					
	LOWER GRANITE	2038	2045	23	23	.05460
R	23					
	LOWER SNAKE F AND W	2038	2043	45	45	.05360
R	45					

	TOTAL					
	12,573					
2039	LOWER MONUMENTAL	2039	2074	9,671	9,671	.05965
R	9,671					
	THE DALLES	2039	2079	40,858	40,858	.05965
R	40,858					
	COUGAR	2039	2064	123	123	.05859
R	123					
	LOWER MONUMENTAL	2039	2059	291	291	.05754
R	291					
	THE DALLES	2039	2059	1,151	1,151	.05754
R	1,151					
	COUGAR	2039	2054	41	41	.05648
R	41					
	LOOKOUT POINT-DEXTER	2039	2051	37	37	.05585
R	37					
	MCNARY	2039	2051	95	95	.05585
R	95					
	ALBENI FALLS	2039	2051	114	114	.05585
R	114					
	THE DALLES	2039	2049	1	1	.05543
R	1					
	LOWER MONUMENTAL	2039	2049	11	11	.05543
R	11					
	LOWER GRANITE	2039	2047	30	30	.05488
R	30					
	GREEN PETER-FOSTER	2039	2047	13	13	.05488

		Prtg.txt				
R	THE DALLES	13	2039	2047	66	.05488
R	LOWER SNAKE F AND W	66	2039	2047	102	.05488
R	LOOKOUT POINT-DEXTER	102	2039	2046	14	.05460
R		14				

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96 FINAL RATE PROPOSAL APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	LIBBY	59	2039	2046	59	59	.05460
R	ICE HARBOR	14	2039	2046	14	14	.05460
R	LOWER SNAKE F AND W	535	2039	2046	535	535	.05460
R	LOWER MONUMENTAL	22	2039	2046	22	22	.05460
R	BONNEVILLE	5	2039	2046	5	5	.05460
R	M McNARY	27	2039	2046	27	27	.05460
R	THE DALLES	40	2039	2044	40	40	.05360
R	DETROIT-BIG CLIFF	2	2039	2044	2	2	.05360

TOTAL						
		53,322				
2040	JOHN DAY	2040	2075	42,621	42,621	.05965
R	42,621					
	JOHN DAY	2040	2050	38	38	.05543
R	38					
	LOST CREEK	2040	2047	1	1	.05460
R	1					
	JOHN DAY	2040	2047	4	4	.05460
R	4					
	JOHN DAY	2040	2045	26	26	.05360
R	26					

TOTAL						
		42,690				
2041	LITTLE GOOSE	2041	2076	11,802	11,802	.05965
R	11,802					
	BONNEVILLE	2041	2091	19,747	19,747	.05965
R	19,747					
	BONNEVILLE	2041	2066	2,377	2,377	.05859
R	2,377					
	BONNEVILLE	2041	2061	570	570	.05754
R	570					
	BONNEVILLE	2041	2051	102	102	.05543
R	102					
	LITTLE GOOSE	2041	2051	11	11	.05543
R	11					
	LOWER MONUMENTAL	2041	2049	42	42	.05488
R	42					
	COUGAR	2041	2048	2	2	.05460
R	2					
	LITTLE GOOSE	2041	2048	22	22	.05460
R	22					
	BONNEVILLE	2041	2046	76	76	.05360

R 76

 TOTAL
 34,751

2042	ICE HARBOR	2042	2082	10,880	10,880	.05965
R	10,880					
	HILLS CREEK	2042	2082	1,483	1,483	.05965
R	1,483					
	MINIDOKA	2042	2067	1,761	1,761	.05859
R	1,761					
	GREEN PETER-FOSTER	2042	2067	410	410	.05859
R	410					
	HILLS CREEK	2042	2062	46	46	.05754
R	46					
	ICE HARBOR	2042	2062	1,363	1,363	.05754
R	1,363					
	GREEN PETER-FOSTER	2042	2057	895	895	.05648
R	895					
	BONNEVILLE	2042	2057	1,024	1,024	.05648
R	1,024					
	JOHN DAY	2042	2054	146	146	.05585
R	146					
	ICE HARBOR	2042	2052	75	75	.05543
R	75					

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT		IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT	AMOUNT					

		Prtg.txt				
	DETROIT-BIG CLIFF	2042	2050	29	29	.05488
R	29					
	ICE HARBOR	2042	2050	25	25	.05488
R	25					

	TOTAL					
	18,137					
2043	LOWER SNAKE F AND W	2043	2073	2,080	2,080	.05965
R	2,080					
	HUNGRY HORSE	2043	2073	424	424	.05965
R	424					
	THE DALLES	2043	2078	17,817	17,817	.05965
R	17,817					
	DWORSHAK	2043	2078	11,643	11,643	.05965
R	11,643					
	HUNGRY HORSE	2043	2088	6,037	6,037	.05965
R	6,037					
	GREEN PETER-FOSTER	2043	2068	149	149	.05859
R	149					
	LOWER SNAKE F AND W	2043	2063	4,897	4,897	.05754
R	4,897					
	LOWER SNAKE F AND W	2043	2058	1,053	1,053	.05648
R	1,053					
	HUNGRY HORSE	2043	2058	420	420	.05648
R	420					
	GREEN PETER-FOSTER	2043	2058	731	731	.05648
R	731					
	THE DALLES	2043	2055	9	9	.05585
R	9					
	LOWER SNAKE F AND W	2043	2055	489	489	.05585
R	489					
	LOWER SNAKE F AND W	2043	2053	975	975	.05543
R	975					
	DWORSHAK	2043	2053	172	172	.05543

		Prtg.txt				
R	172					
	LOOKOUT POINT-DEXTER	2043	2051	5	5	.05488
R	5					
	MCNARY	2043	2051	56	56	.05488
R	56					
	LITTLE GOOSE	2043	2051	38	38	.05488
R	38					
	DWORSHAK	2043	2050	16	16	.05460
R	16					
	THE DALLES	2043	2050	44	44	.05460
R	44					
	LOWER SNAKE F AND W	2043	2048	45	45	.05360
R	45					

	TOTAL					
	47,100					
2044	COUGAR	2044	2084	1,455	1,455	.05965
R	1,455					
	LOWER MONUMENTAL	2044	2069	801	801	.05859
R	801					
	COUGAR	2044	2064	66	66	.05754
R	66					
	DETROIT-BIG CLIFF	2044	2059	85	85	.05648
R	85					
	DETROIT-BIG CLIFF	2044	2059	272	272	.05648
R	272					
	LOWER MONUMENTAL	2044	2059	1,898	1,898	.05648
R	1,898					
	DETROIT-BIG CLIFF	2044	2054	22	22	.05543
R	22					
	COUGAR	2044	2052	3	3	.05488
R	3					
	GREEN PETER-FOSTER	2044	2051	16	16	.05460
R	16					
	THE DALLES	2044	2049	40	40	.05360
R	40					
	DETROIT-BIG CLIFF	2044	2049	2	2	.05360

R 2

 TOTAL
 4,660

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APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
2045	LOWER GRANITE	2045	2080	7,949	7,949	.05965
R	7,949					
	JOHN DAY	2045	2070	3,254	3,254	.05859
R	3,254					
	LOOKOUT POINT-DEXTER	2045	2060	70	70	.05648
R	70					
	LOOKOUT POINT-DEXTER	2045	2060	401	401	.05648
R	401					
	LIBBY	2045	2060	181	181	.05648
R	181					
	MCNARY	2045	2060	430	430	.05648
R	430					
	JOHN DAY	2045	2060	1,835	1,835	.05648
R	1,835					
	ALBENI FALLS	2045	2060	51	51	.05648
R	51					
	DWORSHAK	2045	2057	51	51	.05585

		Prtg.txt				
R	51					
	MCNARY	2045	2055	153	153	.05543
R	153					
	LOOKOUT POINT-DEXTER	2045	2055	99	99	.05543
R	99					
	ALBENI FALLS	2045	2055	1,050	1,050	.05543
R	1,050					
	LOWER GRANITE	2045	2055	837	837	.05543
R	837					
	DWORSHAK	2045	2053	36	36	.05488
R	36					
	DETROIT-BIG CLIFF	2045	2052	4	4	.05460
R	4					
	LOWER GRANITE	2045	2052	23	23	.05460
R	23					
	JOHN DAY	2045	2050	26	26	.05360
R	26					

	TOTAL					
	16,450					
2046	YAKIMA-CHANDLER	2046	2076	54	54	.05965
R	54					
	LIBBY	2046	2081	9,118	9,118	.05965
R	9,118					
	ICE HARBOR	2046	2081	6,066	6,066	.05965
R	6,066					
	BONNEVILLE	2046	2081	67,364	67,364	.05965
R	67,364					
	YAKIMA-CHANDLER	2046	2091	693	693	.05965
R	693					
	LITTLE GOOSE	2046	2071	918	918	.05859
R	918					
	LITTLE GOOSE	2046	2061	1,461	1,461	.05648
R	1,461					
	YAKIMA-CHANDLER	2046	2061	23	23	.05648
R	23					
	BONNEVILLE	2046	2061	2,362	2,362	.05648

		Prtg.txt					
R	LIBBY	2,362	2046	2056	59	59	.05543
R	YAKIMA-CHANDLER	59	2046	2056	54	54	.05543
R	LOWER SNAKE F AND W	54	2046	2053	535	535	.05460
R	LIBBY	535	2046	2053	59	59	.05460
R	LOOKOUT POINT-DEXTER	59	2046	2053	14	14	.05460
R	ICE HARBOR	14	2046	2053	14	14	.05460
R	LOWER MONUMENTAL	14	2046	2053	22	22	.05460
R	BONNEVILLE	22	2046	2053	5	5	.05460
R	MCNARY	5	2046	2053	27	27	.05460
R	BONNEVILLE	27	2046	2051	76	76	.05360
R		76					

TOTAL
88,924

1

APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____

2047	MINIDOKA	2047	2077	79	79	.05965
R	79					
	BOISE	2047	2077	59	59	.05965
R	59					
	LOST CREEK	2047	2082	1,429	1,429	.05965
R	1,429					
	BONNEVILLE	2047	2082	48	48	.05965
R	48					
	GREEN PETER-FOSTER	2047	2087	1,829	1,829	.05965
R	1,829					
	BOISE	2047	2087	718	718	.05965
R	718					
	MINIDOKA	2047	2092	3,597	3,597	.05965
R	3,597					
	COLUMBIA BASIN	2047	2097	134,529	134,529	.05965
R	134,529					
	COLUMBIA BASIN	2047	2072	41,934	41,934	.05859
R	41,934					
	GREEN PETER-FOSTER	2047	2067	124	124	.05754
R	124					
	COLUMBIA BASIN	2047	2067	4,237	4,237	.05754
R	4,237					
	BOISE	2047	2067	127	127	.05754
R	127					
	CHIEF JOSEPH	2047	2062	1,242	1,242	.05648
R	1,242					
	MINIDOKA	2047	2062	114	114	.05648
R	114					
	BOISE	2047	2062	12	12	.05648
R	12					
	LOWER GRANITE	2047	2059	19	19	.05585
R	19					
	LOST CREEK	2047	2057	4	4	.05543
R	4					
	CHIEF JOSEPH	2047	2057	36	36	.05543
R	36					

		Prtg.txt				
	GREEN PETER-FOSTER	2047	2057	19	19	.05543
R	19					
	MINIDOKA	2047	2057	15	15	.05543
R	15					
	THE DALLES	2047	2055	66	66	.05488
R	66					
	LOWER GRANITE	2047	2055	30	30	.05488
R	30					
	GREEN PETER-FOSTER	2047	2055	13	13	.05488
R	13					
	LOWER SNAKE F AND W	2047	2055	102	102	.05488
R	102					
	JOHN DAY	2047	2054	4	4	.05460
R	4					
	LOST CREEK	2047	2054	1	1	.05460
R	1					

	TOTAL					
	190,387					
2048	YAKIMA-ROZA	2048	2078	4	4	.05965
R	4					
	LOWER GRANITE	2048	2083	9,362	9,362	.05965
R	9,362					
	LITTLE GOOSE	2048	2083	9,209	9,209	.05965
R	9,209					
	COLUMBIA BASIN	2048	2083	49,151	49,151	.05965
R	49,151					
	CHIEF JOSEPH	2048	2083	60,637	60,637	.05965
R	60,637					
	GREEN PETER-FOSTER	2048	2088	1,572	1,572	.05965
R	1,572					
	YAKIMA-ROZA	2048	2093	188	188	.05965
R	188					
	DWORSHAK	2048	2073	6,925	6,925	.05859
R	6,925					
	THE DALLES	2048	2073	209	209	.05859
R	209					

Prtg.txt
 2048 2068 64 64 .05754
 R GREEN PETER-FOSTER
 64

1

APPLICATION OF AMORTIZATION GENERATION FY 1999 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
R DWORSHAK	2,749	2048	2063	2,749	2,749	.05648
R YAKIMA-ROZA	2	2048	2063	2	2	.05648
R THE DALLES	1,702	2048	2063	1,702	1,702	.05648
R LITTLE GOOSE	977	2048	2058	977	977	.05543
R COUGAR	2	2048	2055	2	2	.05460
R LITTLE GOOSE	22	2048	2055	22	22	.05460
R LOWER SNAKE F AND W	45	2048	2053	45	45	.05360

TOTAL	142,820					
2049 R LOWER MONUMENTAL	8,896	2049	2084	8,896	8,896	.05965

		Prtg.txt				
R	LOWER MONUMENTAL	2049	2089	9,908	9,908	.05965
	9,908					
R	LOWER MONUMENTAL	2049	2069	290	290	.05754
	290					
R	THE DALLES	2049	2064	1,171	1,171	.05648
	1,171					
R	BONNEVILLE	2049	2061	134	134	.05585
	134					
R	THE DALLES	2049	2059	1	1	.05543
	1					
R	LOWER MONUMENTAL	2049	2059	11	11	.05543
	11					
R	LOWER MONUMENTAL	2049	2057	42	42	.05488
	42					
R	DETROIT-BIG CLIFF	2049	2054	2	2	.05360
	2					
R	THE DALLES	2049	2054	40	40	.05360
	40					

TOTAL
20,495

0 GRAND TOTAL
7,741,286
0 TOTAL DEFERRAL
0

0 NET
7,741,286

1
1 INPUT CARDS ONLY
N1 REPAYMENT STUDY FOR 1996 SUPPLEMENTAL RATE PROPOSAL
N2 OCTOBER 1,1999 - SEPTEMBER 30,2000 COST EVALUATION PERIOD
N3 REPAY 00 GS6 - GENERATION, SUPPLEMENTAL, 1996 RATE CASE DEBT BUYOUT
N0 GENERATION

11996 0 0 780762 200020502050

OHISTORICAL YEAR: 1996
 HISTORICAL CUMULATIVE REVENUES: 0
 HISTORICAL CUMULATIVE PURCHASE & EXCHANGE: 0
 HISTORICAL CUMULATIVE IRRIGATION INVESTMENT: 780762
 YEAR OF THE RATE CHANGE: 2000
 LAST YEAR OF REPAYMENT PERIOD: 2050

INTEREST RATES OF INTEREST INCOME

1X07495 07492 07449 07321

INTEREST RATES OF NEW DEFERRALS

1Y06500 06250 06000 05875

OPERATING YEAR FACTORS

1F75000 75000 75000 75000

PROJECTED REVENUE

21997	1101765	1122081	1132838	1033376	1033376	1033376	1033376	7490188
22003	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22010	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22017	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22024	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22031	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22038	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22045	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
	8335397	8355713	8366470	8267008	8267008	8267008	8267008	58125612 = TOT

AL FOR 2

PROJECTED IRRIGATION ASSISTANCE

	NEW INVESTMENT	NEW INVESTMENT	NEW INVESTMENT	
31997	0	0	0	0
31999	0	0	0	0

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32002	0	0	0	0
32005	0	0	0	0
32008	0	6942	6566	13508
32011	3476	19793	37530	60799
32014	5107	5394	35253	45754
32017	51187	10902	21258	83347
32020	39207	39049	29080	107336
32023	41806	20037	33228	95071
32026	32228	33386	44797	110411
32029	29963	29963	44797	104723
32032	40424	40424	29207	110055
32035	28549	28708	29310	86567
32038	29311	33835	33836	96982
32041	34694	34695	32941	102330
32044	32941	33099	39725	105765
32046	39883	39883	23256	103022
	408776	376110	440784	1225670 = TOT

AL FOR 3

CAPITALIZED CONTRACTUAL OBLIGATIONS

41997	564891	586918	657860	663174	658536	611159	685172	4427710
42004	616343	580360	597678	614161	614301	596589	596909	4216341
42011	596042	589937	393727	394163	391201	370347	262033	2997450
42018	91060	265092	264120	261181	261680	261903	248438	1653474
42025	247546	246990	246990	246990	246990	245990	245990	1727486
42032	245990	245990	245990	245990	245990	245990	245990	1721930
42039	245990	245990	245990	245990	245990	245990	245990	1721930
42046	245990	245990	245990	245990				983960
	2853852	3007267	2898345	2917639	2664688	2577968	2530522	19450281 = TOT

AL FOR 4

- 5 ALBE
 - 5 BOIS
 - 5 BON2
 - 5 BONN
 - 5 CHIE
- ALBENI FALLS
 BOISE
 BONNEVILLE - 2ND POWER HOUSE
 BONNEVILLE
 CHIEF JOSEPH

Prtg.txt

5	COL3	COLUMBIA BASIN - 3RD PWR HOUSE
5	COLU	COLUMBIA BASIN
5	COUG	COUGAR
5	CRFB	COLUMBIA RIVER FISH MITIGATION
5	DETR	DETROIT-BIG CLIFF
5	DWOR	DWORSHAK
5	GREE	GREEN PETER-FOSTER
5	HILL	HILLS CREEK
5	HUNG	HUNGRY HORSE
5	ICEF	ICE HARBOR FISH BYPASS
5	ICEH	ICE HARBOR
5	JOHN	JOHN DAY
5	LIBB	LIBBY
5	LITF	LITTLE GOOSE FISH BYPASS
5	LITT	LITTLE GOOSE
5	LOGF	LOWER GRANITE FISH BYPASS
5	LOMF	LOWER MONUMENTAL FISH BYPASS
5	LOOK	LOOKOUT POINT-DEXTER
5	LOST	LOST CREEK
5	LOWG	LOWER GRANITE
5	LOWM	LOWER MONUMENTAL
5	LSFW	LOWER SNAKE F AND W
5	MCNA	MCNARY
5	MCNF	MCNARY FISH BYPASS
5	MINI	MINIDOKA
5	STRU	STRUBE
5	THED	THE DALLES
5	YAKC	YAKIMA-CHANDLER
5	YAKR	YAKIMA-ROZA
5	ZABF	BPA PROGRAM
5	ZACO	BPA CONSERVATION
5	ZADB	BUREAU DIRECT FUND
5	ZAFW	FISH, WILDLIFE & ENVIRONMENTAL
5	ZBPA	BONNEVILLE POWER ADMINISTRATION
5	ZIRR	IRRIGATION ASSISTANCE

HISTORICAL

	O & M	INTEREST
5	ALBEX	43638 27935

71573

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5	BOISX	35564	1171	36735
5	BONNX	149194	379685	528879
5	CHIEX	147058	325150	472208
5	COLUX	412704	493414	906118
5	COUGX	7849	13639	21488
5	CRFBX	0	7837	7837
5	DETRX	26797	35515	62312
5	DWORX	81063	173035	254098
5	GREEX	23532	35008	58540
5	HILLX	7597	14019	21616
5	HUNGX	33399	48448	81847
5	ICEHX	62792	100291	163083
5	JOHNX	121309	261142	382451
5	LIBBX	51137	253192	304329
5	LITTX	61336	147440	208776
5	LOOKX	30917	43160	74077
5	LOSTX	13786	15568	29354
5	LOWGX	80412	198210	278622
5	LOWMX	59475	161593	221068
5	LSFWX	97877	95714	193591
5	MCNAX	158849	237110	395959
5	MINIX	75561	2758	78319
5	THEDX	116284	226372	342656
5	YAKCX	18578	2811	21389
5	YAKRX	8509	824	9333
5	ZBPAX	0	0	0
5	ZACOX	0	0	0
		1925217	3301041	5226258 = TOT

AL FOR 5

PROJECTED O & M

61996ALBE	152269
61997ALBE	3843
61998ALBE	3945
61999ALBE	4058
62000ALBE	4182
61997BOIS	1944
61998BOIS	2064

61999BOIS	2176
62000BOIS	2282
61997BONN	10575
61998BONN	10858
61999BONN	11170
62000BONN	11512
61997CHIE	10596
61998CHIE	10879
61999CHIE	11191
62000CHIE	11532
61997COLU	28999
61998COLU	30756
61999COLU	31809
62000COLU	32964
61997COUG	588
61998COUG	604
61999COUG	621
62000COUG	640
61997DETR	1786
61998DETR	1834
61999DETR	1887
62000DETR	1944
61997DWOR	6844
61998DWOR	7024
61999DWOR	7226
62000DWOR	7445
61997GREE	1763
61998GREE	1810
61999GREE	1861
62000GREE	1918
61997HILL	488
61998HILL	501
61999HILL	515
62000HILL	531
61997HUNG	1088
61998HUNG	1158
61999HUNG	1198
62000HUNG	1240
61997ICEH	5001

61998ICEH	5132
61999ICEH	5279
62000ICEH	5440
61997JOHN	9874
61998JOHN	10138
61999JOHN	10429
62000JOHN	10747
61997LIBB	3380
61998LIBB	3470
61999LIBB	3569
62000LIBB	3678
61997LITT	4085
61998LITT	4194
61999LITT	4314
62000LITT	4446
61997LOOK	2233
61998LOOK	2293
61999LOOK	2358
62000LOOK	2430
61997LOST	1388
61998LOST	1425
61999LOST	1466
62000LOST	1510
61997LOWG	5843
61998LOWG	5999
61999LOWG	6171
62000LOWG	6359
61997LOWM	6202
61998LOWM	6367
61999LOWM	6550
62000LOWM	6750
61997LSFW	15384
61998LSFW	16082
61999LSFW	16879
62000LSFW	17676
61997MCNA	9745
61998MCNA	10005
61999MCNA	10292
62000MCNA	10606

61997MINI	3703
61998MINI	3979
61999MINI	4117
62000MINI	4263
61997THED	8014
61998THED	8228
61999THED	8464
62000THED	8722
61997YAKC	483
61998YAKC	517
61999YAKC	544
62000YAKC	542
61997YAKR	754
61998YAKR	798
61999YAKR	926
62000YAKR	860
	762221

762221 = TOT

AL FOR 6

61994ZABF	0
	0

0 = TOT

AL FOR 6

HISTORICAL FEDERAL INVESTMENTS

			ORIGINAL	CURRENT	INTEREST	DUE	INSERVICE	CALENDAR
	PROJECT		PRINCIPAL	PRINCIPAL	RATE	DATE	DATE	MONTH
6	1996	ALBE X	26590	17950	.06050	2005	1955	
6	1996	ALBE X	12	12	.06050	2005 R	1956	
6	1996	ALBE X	11	11	.06050	2005 R	1957	
6	1996	ALBE X	12	12	.06050	2005 R	1958	
6	1996	ALBE X	12	12	.06050	2005 R	1959	
6	1996	ALBE X	11	11	.06050	2005 R	1960	
6	1996	ALBE X	12	12	.06050	2005 R	1961	
6	1996	ALBE X	12	12	.06050	2005 R	1962	

								Prtg.txt
6	1996	ALBE	X	11	11	.06050	2005 R	1963
6	1996	ALBE	X	12	12	.06050	2005 R	1964
6	1996	ALBE	X	12	12	.06050	2005 R	1965
6	1996	ALBE	X	11	11	.06050	2005 R	1966
6	1996	ALBE	X	12	12	.06050	2005 R	1967
6	1996	ALBE	X	12	12	.06050	2005 R	1968
6	1996	ALBE	X	11	11	.06050	2005 R	1969
6	1996	ALBE	X	12	12	.06050	2005 R	1970
6	1996	ALBE	X	12	12	.06050	2005 R	1971
6	1996	ALBE	X	11	11	.06050	2005 R	1972
6	1996	ALBE	X	12	12	.06050	2005 R	1973
6	1996	ALBE	X	12	12	.06050	2005 R	1974
6	1996	ALBE	X	11	11	.06050	2005 R	1975
6	1996	ALBE	X	12	12	.06050	2005 R	1976
6	1996	ALBE	X	12	12	.06050	2005 R	1977
6	1996	ALBE	X	11	11	.06050	2005 R	1978
6	1996	ALBE	X	12	12	.06050	2005 R	1979
6	1996	ALBE	X	12	12	.06050	2005 R	1980
6	1996	ALBE	X	11	11	.06050	2005 R	1981
6	1996	ALBE	X	12	12	.06050	2005 R	1982
6	1996	ALBE	X	12	12	.06050	2005 R	1983
6	1996	ALBE	X	7	7	.06050	2005	1985
6	1996	ALBE	X	312	312	.06050	2005	1986
6	1996	ALBE	X	15	0	.08875	2005 R	1987
6	1996	ALBE	X	12	12	.06050	2005	1987
6	1996	ALBE	X	328	0	.08500	2005 R	1988
6	1996	ALBE	X	221	0	.09250	2005 R	1989
6	1996	ALBE	X	1287	0	.08875	2005	1990
6	1996	ALBE	X	43	0	.08750	2005 R	1991
6	1996	ALBE	X	111	0	.08750	2005	1991
6	1996	ALBE	X	7	0	.08500	2005 R	1992
6	1996	ALBE	X	106	0	.08500	2005	1992
6	1996	ALBE	X	714	0	.07875	2005 R	1993
6	1996	ALBE	X	295	0	.07875	2005	1993
6	1996	ALBE	X	61	0	.07125	2019 R	1994
6	1996	ALBE	X	173	0	.07125	2019	1994
6	1996	ALBE	X	1158	1158	.06490	2045	1995
6	1996	ALBE	X	57	57	.06180	2010	1995
6	1996	ALBE	X	550	550	.06490	2045	1995

						Prtg.txt
6	1996	ALBE	X	18	18	.06180 2010 1995
6	1996	ALBE	X	461	461	.06490 2045 1995
6	1996	BOIS	X	1249	0	.03000 1962 1912
6	1996	BOIS	X	832	0	.03000 1976 1926
6	1996	BOIS	X	416	0	.03000 2000 1950
6	1996	BOIS	X	1873	0	.03000 2001 1951
6	1996	BOIS	X	11	0	.03000 2001 R 1952
6	1996	BOIS	X	11	0	.03000 2001 R 1953
6	1996	BOIS	X	11	0	.03000 2001 R 1954
6	1996	BOIS	X	11	0	.03000 2001 R 1955
6	1996	BOIS	X	11	0	.03000 2001 R 1956
6	1996	BOIS	X	11	0	.03000 2001 R 1957
6	1996	BOIS	X	11	0	.03000 2001 R 1958
6	1996	BOIS	X	11	0	.03000 2001 R 1959
6	1996	BOIS	X	11	0	.03000 2001 R 1960
6	1996	BOIS	X	11	0	.03000 2001 R 1961
6	1996	BOIS	X	11	0	.03000 2001 R 1962
6	1996	BOIS	X	11	0	.03000 2001 R 1963
6	1996	BOIS	X	11	0	.03000 2001 R 1964
6	1996	BOIS	X	11	0	.03000 2001 R 1965
6	1996	BOIS	X	11	0	.03000 2001 R 1966
6	1996	BOIS	X	11	0	.03000 2001 R 1967
6	1996	BOIS	X	11	0	.03000 2001 R 1968
6	1996	BOIS	X	11	0	.03000 2001 R 1969
6	1996	BOIS	X	11	0	.03000 2001 R 1970
6	1996	BOIS	X	11	0	.03000 2001 R 1971
6	1996	BOIS	X	11	0	.03000 2001 R 1972
6	1996	BOIS	X	11	0	.03000 2001 R 1973
6	1996	BOIS	X	11	0	.03000 2001 R 1974
6	1996	BOIS	X	11	0	.03000 2001 R 1975
6	1996	BOIS	X	11	0	.03000 2001 R 1976
6	1996	BOIS	X	11	0	.03000 2001 R 1977
6	1996	BOIS	X	11	0	.03000 2001 R 1978
6	1996	BOIS	X	11	0	.03000 2001 R 1979
6	1996	BOIS	X	18	0	.03000 2001 R 1980
6	1996	BOIS	X	8	0	.03000 2001 R 1981
6	1996	BOIS	X	1	0	.03000 2001 R 1982
6	1996	BOIS	X	1	0	.03000 2001 R 1983
6	1996	BOIS	X	1325	0	.10750 2001 R 1984

							Prtg.txt	
6	1996	BOIS	X	107	93	.05810	2001	1986
6	1996	BOIS	X	3	0	.08500	2001	1988
6	1996	BOIS	X	3264	0	.09250	2001 R	1989
6	1996	BOIS	X	38	0	.08875	2001 R	1990
6	1996	BOIS	X	50	0	.08750	2001 R	1991
6	1996	BOIS	X	418	0	.07875	2001	1993
6	1996	BOIS	X	7	0	.07125	1999 R	1994
6	1996	BOIS	X	1	0	.07125	2000	1995
6	1996	BON2	X	45122	45122	.06490	2031 A	1981
6	1996	BON2	X	224281	224281	.06490	2032 A	1982
6	1996	BON2	X	68791	68791	.06490	2033 A	1983
6	1996	BON2	X	10072	10072	.06490	2033 A	1985
6	1996	BON2	X	33705	33705	.06490	2033 A	1986
6	1996	BON2	X	3088	3088	.06490	2033 A	1987
6	1996	BON2	X	1402	1402	.06490	2033 A	1988
6	1996	BON2	X	1357	1357	.06490	2033 A	1989
6	1996	BON2	X	1750	1750	.06490	2033 A	1990
6	1996	BON2	X	3998	0	.08750	2033 A	1991
6	1996	BON2	X	26	0	.08750	2033 R	1991
6	1996	BON2	X	2446	0	.08500	2033 A	1992
6	1996	BON2	X	3668	0	.07875	2033 A	1993
6	1996	BON2	X	6242	6242	.06490	2044 A	1994
6	1996	BONN	X	11726	0	.02500	1988	1938
6	1996	BONN	X	17589	0	.02500	1991	1941
6	1996	BONN	X	5863	0	.02500	1992	1942
6	1996	BONN	X	17589	0	.02500	1993	1943
6	1996	BONN	X	5860	0	.02500	1994	1944
6	1996	BONN	X	82	0	.02500	1994 R	1945
6	1996	BONN	X	81	0	.02500	1994 R	1946
6	1996	BONN	X	82	0	.02500	1994 R	1947
6	1996	BONN	X	81	0	.02500	1994 R	1948
6	1996	BONN	X	82	0	.02500	1994 R	1949
6	1996	BONN	X	81	0	.02500	1994 R	1950
6	1996	BONN	X	81	0	.02500	1994 R	1951
6	1996	BONN	X	82	0	.02500	1994 R	1952
6	1996	BONN	X	81	0	.02500	1994 R	1953
6	1996	BONN	X	82	0	.02500	1994 R	1954
6	1996	BONN	X	81	0	.02500	1994 R	1955
6	1996	BONN	X	81	0	.02500	1994 R	1956

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6	1996	BONN	X	82	0	.02500	1994	R	1957
6	1996	BONN	X	81	0	.02500	1994	R	1958
6	1996	BONN	X	82	0	.02500	1994	R	1959
6	1996	BONN	X	81	0	.02500	1994	R	1960
6	1996	BONN	X	81	0	.02500	1994	R	1961
6	1996	BONN	X	82	0	.02500	1994	R	1962
6	1996	BONN	X	81	0	.02500	1994	R	1963
6	1996	BONN	X	82	0	.02500	1994	R	1964
6	1996	BONN	X	81	0	.02500	1994	R	1965
6	1996	BONN	X	81	0	.02500	1994	R	1966
6	1996	BONN	X	82	0	.02500	1994	R	1967
6	1996	BONN	X	81	0	.02500	1994	R	1968
6	1996	BONN	X	82	0	.02500	1994	R	1969
6	1996	BONN	X	81	0	.02500	1994	R	1970
6	1996	BONN	X	81	0	.02500	1994	R	1971
6	1996	BONN	X	82	0	.02500	1994	R	1972
6	1996	BONN	X	81	0	.02500	1994	R	1973
6	1996	BONN	X	82	0	.02500	1994	R	1974
6	1996	BONN	X	81	0	.02500	1994	R	1975
6	1996	BONN	X	81	0	.02500	1994	R	1976
6	1996	BONN	X	17225	17225	.06490	2027	B	1977
6	1996	BONN	X	82	0	.02500	1994	R	1977
6	1996	BONN	X	81	0	.02500	1994	R	1978
6	1996	BONN	X	82	0	.02500	1994	R	1979
6	1996	BONN	X	81	0	.02500	1994	R	1980
6	1996	BONN	X	81	0	.02500	1994	R	1981
6	1996	BONN	X	82	0	.02500	1994	R	1982
6	1996	BONN	X	81	0	.02500	1994	R	1983
6	1996	BONN	X	873	0	.10750	1994	R	1984
6	1996	BONN	X	119	0	.02500	1994		1985
6	1996	BONN	X	454	0	.11375	1994	R	1986
6	1996	BONN	X	555	0	.02500	1994		1986
6	1996	BONN	X	26	0	.08875	1994	R	1987
6	1996	BONN	X	260	0	.02500	1994		1987
6	1996	BONN	X	4199	0	.08500	1994		1988
6	1996	BONN	X	10	0	.08500	1994	R	1988
6	1996	BONN	X	877	0	.09250	1994	R	1989
6	1996	BONN	X	519	0	.08875	1994	R	1990
6	1996	BONN	X	651	0	.08875	1994	A	1990

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6	1996	BONN	X	35	0	.08750	1994	R	1991
6	1996	BONN	X	3193	0	.08750	1994		1991
6	1996	BONN	X	99	0	.08500	1994	R	1992
6	1996	BONN	X	25	0	.08500	1994		1992
6	1996	BONN	X	5011	0	.07875	2018		1993
6	1996	BONN	X	536	0	.07125	2029	A	1994
6	1996	BONN	X	3953	3953	.06490	2045		1995
6	1996	BONN	X	425	425	.06490	2045		1995
6	1996	BONN	X	60	60	.06490	2030		1995
6	1996	BONN	X	9	0	.08500	2000		1995
6	1996	BONN	X	345	345	.06490	2045	R	1995
6	1996	BONN	X	26	26	.06180	2010		1995
6	1996	BONN	X	432	432	.06490	2045	R	1995
6	1996	BONN	X	113	113	.06490	2035		1995
6	1996	BONN	X	496	496	.06490	2045		1995
6	1996	BONN	X	22	22	.06380	2020	R	1995
6	1996	BONN	X	23	23	.06380	2020	R	1995
6	1996	CHIE	X	28460	2409	.06050	2005		1955
6	1996	CHIE	X	14590	14590	.06110	2006		1956
6	1996	CHIE	X	42597	42597	.06130	2007		1957
6	1996	CHIE	X	34568	34568	.06150	2008		1958
6	1996	CHIE	X	242	242	.06150	2008	R	1959
6	1996	CHIE	X	242	242	.06150	2008	R	1960
6	1996	CHIE	X	242	242	.06150	2008	R	1961
6	1996	CHIE	X	242	242	.06150	2008	R	1962
6	1996	CHIE	X	243	243	.06150	2008	R	1963
6	1996	CHIE	X	242	242	.06150	2008	R	1964
6	1996	CHIE	X	242	242	.06150	2008	R	1965
6	1996	CHIE	X	242	242	.06150	2008	R	1966
6	1996	CHIE	X	242	242	.06150	2008	R	1967
6	1996	CHIE	X	243	243	.06150	2008	R	1968
6	1996	CHIE	X	242	242	.06150	2008	R	1969
6	1996	CHIE	X	242	242	.06150	2008	R	1970
6	1996	CHIE	X	242	242	.06150	2008	R	1971
6	1996	CHIE	X	242	242	.06150	2008	R	1972
6	1996	CHIE	X	243	243	.06150	2008	R	1973
6	1996	CHIE	X	242	242	.06150	2008	R	1974
6	1996	CHIE	X	242	242	.06150	2008	R	1975
6	1996	CHIE	X	242	242	.06150	2008	R	1976

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6	1996	CHIE X	33539	33539	.06490	2027 A	1977
6	1996	CHIE X	242	242	.06150	2008 R	1977
6	1996	CHIE X	83229	83229	.06490	2028 A	1978
6	1996	CHIE X	243	243	.06150	2008 R	1978
6	1996	CHIE X	66118	66118	.06490	2029 A	1979
6	1996	CHIE X	242	242	.06150	2008 R	1979
6	1996	CHIE X	242	242	.06150	2008 R	1980
6	1996	CHIE X	242	242	.06150	2008 R	1981
6	1996	CHIE X	242	242	.06150	2008 R	1982
6	1996	CHIE X	243	243	.06150	2008 R	1983
6	1996	CHIE X	909	0	.10750	2008 R	1984
6	1996	CHIE X	18018	18018	.06490	2029 A	1985
6	1996	CHIE X	50	50	.06150	2008	1985
6	1996	CHIE X	5902	5902	.06490	2029 A	1986
6	1996	CHIE X	104	0	.08875	2008 R	1987
6	1996	CHIE X	3341	3341	.06490	2029 A	1987
6	1996	CHIE X	2996	2996	.06490	2029 A	1988
6	1996	CHIE X	327	0	.09250	2008 R	1989
6	1996	CHIE X	2451	2451	.06490	2029 A	1989
6	1996	CHIE X	4958	4958	.06490	2029	1990
6	1996	CHIE X	1024	0	.08875	2008 A	1990
6	1996	CHIE X	3840	0	.08750	2029 A	1991
6	1996	CHIE X	34	0	.08750	2008 R	1991
6	1996	CHIE X	293	0	.08750	2008	1991
6	1996	CHIE X	2032	0	.08500	2029 A	1992
6	1996	CHIE X	142	0	.08500	2008 R	1992
6	1996	CHIE X	717	0	.08500	2008	1992
6	1996	CHIE X	42	0	.07875	2008 R	1993
6	1996	CHIE X	794	0	.07875	2008	1993
6	1996	CHIE X	1360	0	.07875	2029 A	1993
6	1996	CHIE X	129	0	.07125	2029	1994
6	1996	CHIE X	65	0	.07125	2029 R	1994
6	1996	CHIE X	4662	4399	.06490	2044 A	1994
6	1996	CHIE X	822	822	.06490	2045	1995
6	1996	CHIE X	739	739	.06490	2045	1995
6	1996	CHIE X	151	151	.06490	2045	1995
6	1996	CHIE X	584	584	.06490	2045 R	1995
6	1996	CHIE X	16	16	.06180	2010	1995
6	1996	COL3 X	51376	43303	.06470	2025 A	1975

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6	1996	COL3	X	45432	45432	.06490	2026	A	1976
6	1996	COL3	X	47042	47042	.06490	2027	A	1977
6	1996	COL3	X	46671	46671	.06490	2028	A	1978
6	1996	COL3	X	92643	92643	.06490	2029	A	1979
6	1996	COL3	X	786	786	.06490	2033	B	1983
6	1996	COL3	X	14343	14343	.06490	2033	A	1983
6	1996	COL3	X	18714	18714	.06490	2033	A	1984
6	1996	COL3	X	14552	14552	.06490	2033	A	1984
6	1996	COL3	X	46077	46077	.06490	2033	A	1985
6	1996	COL3	X	118	118	.06490	2033		1985
6	1996	COL3	X	17139	17139	.06490	2033	A	1986
6	1996	COL3	X	15928	15928	.06490	2033	A	1987
6	1996	COL3	X	4800	4800	.06490	2033	A	1988
6	1996	COL3	X	12026	12026	.06490	2033	A	1989
6	1996	COL3	X	7041	7041	.06490	2033	A	1990
6	1996	COL3	X	39	0	.08750	2033	A	1991
6	1996	COL3	X	1360	0	.08500	2033	A	1992
6	1996	COL3	X	12962	0	.07875	2033	A	1993
6	1996	COL3	X	13832	13832	.06490	2044	A	1994
6	1996	COLU	X	10919	0	.03000	1991		1941
6	1996	COLU	X	16165	0	.03000	1992		1942
6	1996	COLU	X	8083	0	.03000	1993		1943
6	1996	COLU	X	16165	0	.03000	1994		1944
6	1996	COLU	X	24247	0	.03000	1998		1948
6	1996	COLU	X	24247	0	.03000	1999		1949
6	1996	COLU	X	16165	0	.03000	2000		1950
6	1996	COLU	X	31397	8025	.05810	2001		1951
6	1996	COLU	X	269	269	.05810	2001	R	1952
6	1996	COLU	X	269	269	.05810	2001	R	1953
6	1996	COLU	X	269	269	.05810	2001	R	1954
6	1996	COLU	X	269	269	.05810	2001	R	1955
6	1996	COLU	X	270	270	.05810	2001	R	1956
6	1996	COLU	X	269	269	.05810	2001	R	1957
6	1996	COLU	X	269	269	.05810	2001	R	1958
6	1996	COLU	X	269	269	.05810	2001	R	1959
6	1996	COLU	X	269	269	.05810	2001	R	1960
6	1996	COLU	X	270	270	.05810	2001	R	1961
6	1996	COLU	X	269	269	.05810	2001	R	1962
6	1996	COLU	X	269	269	.05810	2001	R	1963

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6	1996	COLU	X	269	269	.05810	2001	R	1964
6	1996	COLU	X	269	269	.05810	2001	R	1965
6	1996	COLU	X	270	270	.05810	2001	R	1966
6	1996	COLU	X	269	269	.05810	2001	R	1967
6	1996	COLU	X	269	269	.05810	2001	R	1968
6	1996	COLU	X	269	269	.05810	2001	R	1969
6	1996	COLU	X	269	269	.05810	2001	R	1970
6	1996	COLU	X	270	270	.05810	2001	R	1971
6	1996	COLU	X	269	269	.05810	2001	R	1972
6	1996	COLU	X	269	269	.05810	2001	R	1973
6	1996	COLU	X	269	269	.05810	2001	R	1974
6	1996	COLU	X	269	269	.05810	2001	R	1975
6	1996	COLU	X	270	270	.05810	2001	R	1976
6	1996	COLU	X	269	269	.05810	2001	R	1977
6	1996	COLU	X	269	269	.05810	2001	R	1978
6	1996	COLU	X	269	269	.05810	2001	R	1979
6	1996	COLU	X	269	269	.05810	2001	R	1980
6	1996	COLU	X	270	270	.05810	2001	R	1981
6	1996	COLU	X	269	269	.05810	2001	R	1982
6	1996	COLU	X	269	269	.05810	2001	R	1983
6	1996	COLU	X	7815	0	.10750	2001	R	1984
6	1996	COLU	X	7338	0	.12375	2001	R	1985
6	1996	COLU	X	245	245	.05810	2001		1985
6	1996	COLU	X	132	132	.05810	2001		1986
6	1996	COLU	X	13	13	.05810	2001		1987
6	1996	COLU	X	184	0	.08500	2001	R	1988
6	1996	COLU	X	1166	0	.09250	2001	R	1989
6	1996	COLU	X	928	0	.08875	2001	R	1990
6	1996	COLU	X	177	0	.08750	2001		1991
6	1996	COLU	X	1661	0	.08750	2001	R	1991
6	1996	COLU	X	445	0	.08500	2001	R	1992
6	1996	COLU	X	792	0	.07875	2001		1993
6	1996	COLU	X	858	858	.06320	2017	B	1967
6	1996	COLU	X	25	0	.07875	2000		1995
6	1996	COLU	X	221	221	.06380	2020		1995
6	1996	COLU	X	908	908	.06490	2045		1995
6	1996	COLU	X	519	519	.06490	2045		1995
6	1996	COLU	X	384	384	.06490	2045	R	1995
6	1996	COLU	X	367	367	.06490	2030	R	1995

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6	1996	COLU	X	283	0	.10750	2030	R	1995
6	1996	COLU	X	437	0	.12375	2030		1995
6	1996	COLU	X	249	0	.12375	2030	R	1995
6	1996	COUG	X	11545	10173	.06260	2014		1964
6	1996	COUG	X	22	22	.06260	2014	R	1965
6	1996	COUG	X	22	22	.06260	2014	R	1966
6	1996	COUG	X	22	22	.06260	2014	R	1967
6	1996	COUG	X	22	22	.06260	2014	R	1968
6	1996	COUG	X	22	22	.06260	2014	R	1969
6	1996	COUG	X	22	22	.06260	2014	R	1970
6	1996	COUG	X	22	22	.06260	2014	R	1971
6	1996	COUG	X	22	22	.06260	2014	R	1972
6	1996	COUG	X	22	22	.06260	2014	R	1973
6	1996	COUG	X	22	22	.06260	2014	R	1974
6	1996	COUG	X	22	22	.06260	2014	R	1975
6	1996	COUG	X	22	22	.06260	2014	R	1976
6	1996	COUG	X	22	22	.06260	2014	R	1977
6	1996	COUG	X	22	22	.06260	2014	R	1978
6	1996	COUG	X	22	22	.06260	2014	R	1979
6	1996	COUG	X	22	22	.06260	2014	R	1980
6	1996	COUG	X	22	22	.06260	2014	R	1981
6	1996	COUG	X	22	22	.06260	2014	R	1982
6	1996	COUG	X	22	22	.06260	2014	R	1983
6	1996	COUG	X	1	0	.10750	2014	R	1984
6	1996	COUG	X	1	1	.06260	2014		1985
6	1996	COUG	X	55	0	.11375	2014	R	1986
6	1996	COUG	X	117	117	.06260	2014		1986
6	1996	COUG	X	51	51	.06260	2014		1987
6	1996	COUG	X	2	0	.08500	2014		1988
6	1996	COUG	X	6	0	.09250	2014	R	1989
6	1996	COUG	X	10	0	.08875	2014	R	1990
6	1996	COUG	X	1015	0	.08750	2014	R	1991
6	1996	COUG	X	1	0	.08750	2014		1991
6	1996	COUG	X	2	0	.08500	2014	R	1992
6	1996	COUG	X	539	0	.07875	2014		1993
6	1996	COUG	X	31	0	.07125	2019	A	1994
6	1996	COUG	X	3	0	.07250	2000		1995
6	1996	CRFB	X	3969	0	.08500	2041		1991
6	1996	CRFB	X	874	0	.08500	2042		1992

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6	1996	CRFB	X	85846	0	.08500	2043	1993
6	1996	CRFB	X	39454	0	.08500	2044	1994
6	1996	CRFB	X	45036	45036	.06490	2045	1995
6	1996	DETR	X	12699	3244	.05950	2003	1953
6	1996	DETR	X	21373	21373	.06000	2004	1954
6	1996	DETR	X	19	19	.06000	2004 R	1955
6	1996	DETR	X	20	20	.06000	2004 R	1956
6	1996	DETR	X	19	19	.06000	2004 R	1957
6	1996	DETR	X	20	20	.06000	2004 R	1958
6	1996	DETR	X	19	19	.06000	2004 R	1959
6	1996	DETR	X	20	20	.06000	2004 R	1960
6	1996	DETR	X	19	19	.06000	2004 R	1961
6	1996	DETR	X	20	20	.06000	2004 R	1962
6	1996	DETR	X	19	19	.06000	2004 R	1963
6	1996	DETR	X	20	20	.06000	2004 R	1964
6	1996	DETR	X	19	19	.06000	2004 R	1965
6	1996	DETR	X	20	20	.06000	2004 R	1966
6	1996	DETR	X	19	19	.06000	2004 R	1967
6	1996	DETR	X	20	20	.06000	2004 R	1968
6	1996	DETR	X	19	19	.06000	2004 R	1969
6	1996	DETR	X	20	20	.06000	2004 R	1970
6	1996	DETR	X	19	19	.06000	2004 R	1971
6	1996	DETR	X	20	20	.06000	2004 R	1972
6	1996	DETR	X	19	19	.06000	2004 R	1973
6	1996	DETR	X	20	20	.06000	2004 R	1974
6	1996	DETR	X	19	19	.06000	2004 R	1975
6	1996	DETR	X	20	20	.06000	2004 R	1976
6	1996	DETR	X	19	19	.06000	2004 R	1977
6	1996	DETR	X	20	20	.06000	2004 R	1978
6	1996	DETR	X	19	19	.06000	2004 R	1979
6	1996	DETR	X	20	20	.06000	2004 R	1980
6	1996	DETR	X	19	19	.06000	2004 R	1981
6	1996	DETR	X	20	20	.06000	2004 R	1982
6	1996	DETR	X	19	19	.06000	2004 R	1983
6	1996	DETR	X	21	0	.10750	2004 R	1984
6	1996	DETR	X	6	6	.06000	2004	1985
6	1996	DETR	X	38	0	.11375	2004 R	1986
6	1996	DETR	X	233	0	.08875	2004 R	1987
6	1996	DETR	X	3	3	.06000	2004	1987

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6	1996	DETR	X	68	0	.08500	2004	R	1988		
6	1996	DETR	X	26	0	.09250	2004	R	1989		
6	1996	DETR	X	115	0	.08875	2004		1990		
6	1996	DETR	X	9	0	.08750	2004	R	1991		
6	1996	DETR	X	20	0	.08750	2004		1991		
6	1996	DETR	X	8	0	.08500	2004		1992		
6	1996	DETR	X	211	0	.07875	2004		1993		
6	1996	DETR	X	7	0	.07125	1999	R	1994		
6	1996	DETR	X	13	0	.07250	2000		1995		
6	1996	DWOR	X	153906	148459	.06430	2023		1973		
6	1996	DWOR	X	575	575	.06430	2023	R	1974		
6	1996	DWOR	X	578	578	.06430	2023	R	1975		
6	1996	DWOR	X	578	578	.06430	2023	R	1976		
6	1996	DWOR	X	578	578	.06430	2023	R	1977		
6	1996	DWOR	X	578	578	.06430	2023	R	1978		
6	1996	DWOR	X	578	578	.06430	2023	R	1979		
6	1996	DWOR	X	578	578	.06430	2023	R	1980		
6	1996	DWOR	X	578	578	.06430	2023	R	1981		
6	1996	DWOR	X	578	578	.06430	2023	R	1982		
6	1996	DWOR	X	584	584	.06430	2023	R	1983		
6	1996	DWOR	X	2499	0	.10750	2023	R	1984		
6	1996	DWOR	X	1273	1273	.06430	2023		1985		
6	1996	DWOR	X	220	220	.06430	2023		1986		
6	1996	DWOR	X	65	0	.08875	2023	R	1987		
6	1996	DWOR	X	31	6	.06430	2023		1987		
6	1996	DWOR	X	61	0	.08500	2023	R	1988		
6	1996	DWOR	X	63	0	.09250	2023	R	1989		
6	1996	DWOR	X	245	0	.08875	2023	R	1990		
6	1996	DWOR	X	24	0	.08875	2023		1990		
6	1996	DWOR	X	224	0	.08750	2023		1991		
6	1996	DWOR	X	4	0	.02625	2023		1992		
6	1996	DWOR	X	28	0	.08500	2023	R	1992		
6	1996	DWOR	X	24	0	.08500	2023		1992		
6	1996	DWOR	X	41	0	.07875	2023	R	1993		
6	1996	DWOR	X	1872	0	.07875	2023		1993		
6	1996	DWOR	X	1351	0	.07125	2029	R	1994		
6	1996	DWOR	X	964	0	.07125	2029	A	1994		
6	1996	DWOR	X	57	0	.09250	2020		1995		
6	1996	DWOR	X	1202	1202	.06490	2045		1995		

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6	1996	DWOR	X	227	227	.06490	2030	1995
6	1996	GREE	X	14520	13547	.06320	2017	1967
6	1996	GREE	X	13828	13828	.06340	2018	1968
6	1996	GREE	X	45	45	.06340	2018 R	1969
6	1996	GREE	X	45	45	.06340	2018 R	1970
6	1996	GREE	X	45	45	.06340	2018 R	1971
6	1996	GREE	X	45	45	.06340	2018 R	1972
6	1996	GREE	X	45	45	.06340	2018 R	1973
6	1996	GREE	X	45	45	.06340	2018 R	1974
6	1996	GREE	X	45	45	.06340	2018 R	1975
6	1996	GREE	X	45	45	.06340	2018 R	1976
6	1996	GREE	X	45	45	.06340	2018 R	1977
6	1996	GREE	X	45	45	.06340	2018 R	1978
6	1996	GREE	X	45	45	.06340	2018 R	1979
6	1996	GREE	X	45	45	.06340	2018 R	1980
6	1996	GREE	X	45	45	.06340	2018 R	1981
6	1996	GREE	X	45	45	.06340	2018 R	1982
6	1996	GREE	X	45	45	.06340	2018 R	1983
6	1996	GREE	X	15	0	.10750	2018 R	1984
6	1996	GREE	X	19	19	.06340	2018	1985
6	1996	GREE	X	3	0	.11375	2018 R	1986
6	1996	GREE	X	3	3	.06340	2018	1986
6	1996	GREE	X	2	0	.08875	2018 R	1987
6	1996	GREE	X	2	2	.06340	2018	1987
6	1996	GREE	X	13	0	.08500	2018	1988
6	1996	GREE	X	24	0	.09250	2018 R	1989
6	1996	GREE	X	5	0	.08875	2018	1990
6	1996	GREE	X	48	0	.08750	2018	1991
6	1996	GREE	X	2	0	.08500	2018	1992
6	1996	GREE	X	41	0	.07875	2018	1993
6	1996	GREE	X	6	0	.07125	1999 A	1994
6	1996	GREE	X	4	0	.07125	2000	1995
6	1996	GREE	X	25	25	.06380	2020 R	1995
6	1996	GREE	X	11	11	.06380	2020	1995
6	1996	HILL	X	11393	10304	.06220	2012	1962
6	1996	HILL	X	14	14	.06220	2012 R	1963
6	1996	HILL	X	14	14	.06220	2012 R	1964
6	1996	HILL	X	14	14	.06220	2012 R	1965
6	1996	HILL	X	14	14	.06220	2012 R	1966

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6	1996	HILL	X	14	14	.06220	2012 R	1967
6	1996	HILL	X	14	14	.06220	2012 R	1968
6	1996	HILL	X	14	14	.06220	2012 R	1969
6	1996	HILL	X	14	14	.06220	2012 R	1970
6	1996	HILL	X	14	14	.06220	2012 R	1971
6	1996	HILL	X	14	14	.06220	2012 R	1972
6	1996	HILL	X	14	14	.06220	2012 R	1973
6	1996	HILL	X	14	14	.06220	2012 R	1974
6	1996	HILL	X	14	14	.06220	2012 R	1975
6	1996	HILL	X	14	14	.06220	2012 R	1976
6	1996	HILL	X	14	14	.06220	2012 R	1977
6	1996	HILL	X	14	14	.06220	2012 R	1978
6	1996	HILL	X	14	14	.06220	2012 R	1979
6	1996	HILL	X	14	14	.06220	2012 R	1980
6	1996	HILL	X	14	14	.06220	2012 R	1981
6	1996	HILL	X	14	14	.06220	2012 R	1982
6	1996	HILL	X	14	14	.06220	2012 R	1983
6	1996	HILL	X	52	0	.10750	2012 R	1984
6	1996	HILL	X	7	7	.06220	2012	1985
6	1996	HILL	X	3	0	.08875	2012 R	1987
6	1996	HILL	X	3	0	.08500	2012 R	1988
6	1996	HILL	X	3	0	.08875	2012	1990
6	1996	HILL	X	17	0	.08750	2012	1991
6	1996	HILL	X	1	0	.08500	2012	1992
6	1996	HILL	X	13	0	.07875	2012	1993
6	1996	HUNG	X	72029	17228	.05950	2003	1953
6	1996	HUNG	X	18	18	.05950	2003 R	1954
6	1996	HUNG	X	18	18	.05950	2003 R	1955
6	1996	HUNG	X	18	18	.05950	2003 R	1956
6	1996	HUNG	X	19	19	.05950	2003 R	1957
6	1996	HUNG	X	19	19	.05950	2003 R	1958
6	1996	HUNG	X	19	19	.05950	2003 R	1959
6	1996	HUNG	X	19	19	.05950	2003 R	1960
6	1996	HUNG	X	19	19	.05950	2003 R	1961
6	1996	HUNG	X	19	19	.05950	2003 R	1962
6	1996	HUNG	X	19	19	.05950	2003 R	1963
6	1996	HUNG	X	18	18	.05950	2003 R	1964
6	1996	HUNG	X	18	18	.05950	2003 R	1965
6	1996	HUNG	X	18	18	.05950	2003 R	1966

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6	1996	HUNG X	19	19	.05950	2003 R	1967
6	1996	HUNG X	19	19	.05950	2003 R	1968
6	1996	HUNG X	19	19	.05950	2003 R	1969
6	1996	HUNG X	19	19	.05950	2003 R	1970
6	1996	HUNG X	19	19	.05950	2003 R	1971
6	1996	HUNG X	19	19	.05950	2003 R	1972
6	1996	HUNG X	19	19	.05950	2003 R	1973
6	1996	HUNG X	18	18	.05950	2003 R	1974
6	1996	HUNG X	18	18	.05950	2003 R	1975
6	1996	HUNG X	18	18	.05950	2003 R	1976
6	1996	HUNG X	19	19	.05950	2003 R	1977
6	1996	HUNG X	19	19	.05950	2003 R	1978
6	1996	HUNG X	19	19	.05950	2003 R	1979
6	1996	HUNG X	19	19	.05950	2003 R	1980
6	1996	HUNG X	19	19	.05950	2003 R	1981
6	1996	HUNG X	13	13	.05950	2003 R	1983
6	1996	HUNG X	32	0	.10750	2003 R	1984
6	1996	HUNG X	36	0	.12375	2003 R	1985
6	1996	HUNG X	101	0	.09250	2003 R	1989
6	1996	HUNG X	58	0	.08875	2003 R	1990
6	1996	HUNG X	19	0	.08750	2003 R	1991
6	1996	HUNG X	4136	0	.07875	2003 R	1993
6	1996	HUNG X	2	0	.07875	2003	1993
6	1996	HUNG X	56	0	.07125	2019 R	1994
6	1996	HUNG X	6433	6433	.06490	2045	1995
6	1996	HUNG X	553	553	.06490	2030 R	1995
6	1996	HUNG X	1275	1275	.06490	2030 R	1995
6	1996	HUNG X	5	0	.08875	2000	1995
6	1996	HUNG X	176	176	.06380	2020 R	1995
6	1996	HUNG X	513	513	.06490	2030 R	1995
6	1996	HUNG X	15102	0	.11375	2045	1995
6	1996	ICEH X	64641	49280	.06220	2012	1962
6	1996	ICEH X	51	51	.06220	2012 R	1963
6	1996	ICEH X	51	51	.06220	2012 R	1964
6	1996	ICEH X	52	52	.06220	2012 R	1965
6	1996	ICEH X	51	51	.06220	2012 R	1966
6	1996	ICEH X	51	51	.06220	2012 R	1967
6	1996	ICEH X	52	52	.06220	2012 R	1968
6	1996	ICEH X	51	51	.06220	2012 R	1969

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6	1996	ICEH X	51	51	.06220	2012 R	1970
6	1996	ICEH X	52	52	.06220	2012 R	1971
6	1996	ICEH X	51	51	.06220	2012 R	1972
6	1996	ICEH X	51	51	.06220	2012 R	1973
6	1996	ICEH X	52	52	.06220	2012 R	1974
6	1996	ICEH X	51	51	.06220	2012 R	1975
6	1996	ICEH X	22486	22486	.06490	2026 A	1976
6	1996	ICEH X	51	51	.06220	2012 R	1976
6	1996	ICEH X	52	52	.06220	2012 R	1977
6	1996	ICEH X	51	51	.06220	2012 R	1978
6	1996	ICEH X	51	51	.06220	2012 R	1979
6	1996	ICEH X	52	52	.06220	2012 R	1980
6	1996	ICEH X	51	51	.06220	2012 R	1981
6	1996	ICEH X	51	51	.06220	2012 R	1982
6	1996	ICEH X	52	52	.06220	2012 R	1983
6	1996	ICEH X	23	23	.06490	2026 A	1985
6	1996	ICEH X	46	46	.06220	2012	1985
6	1996	ICEH X	152	152	.06220	2012	1986
6	1996	ICEH X	71	0	.08875	2012 R	1987
6	1996	ICEH X	4	4	.06220	2012	1987
6	1996	ICEH X	8	0	.08500	2012	1988
6	1996	ICEH X	57	0	.08500	2012 R	1988
6	1996	ICEH X	51	0	.09250	2012 R	1989
6	1996	ICEH X	427	0	.08875	2012 R	1990
6	1996	ICEH X	348	0	.08750	2012 R	1991
6	1996	ICEH X	177	0	.08500	2012	1992
6	1996	ICEH X	3192	0	.07875	2012 R	1993
6	1996	ICEH X	1645	0	.07875	2012	1993
6	1996	ICEH X	328	0	.07125	2029 R	1994
6	1996	ICEH X	520	0	.07125	2029 A	1994
6	1996	ICEH X	178	178	.06360	2019	1995
6	1996	ICEH X	87	87	.06360	2019	1995
6	1996	ICEH X	883	883	.06360	2019	1995
6	1996	ICEH X	2	0	.07250	2000	1995
6	1996	JOHN X	30187	24619	.06340	2018	1968
6	1996	JOHN X	108929	108929	.06360	2019	1969
6	1996	JOHN X	26724	26724	.06380	2020	1970
6	1996	JOHN X	39419	39419	.06390	2021	1971
6	1996	JOHN X	12911	12911	.06410	2022	1972

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6	1996	JOHN X	3677	0	.10750	2022 R	1984	
6	1996	JOHN X	1209	0	.12375	2022 R	1985	
6	1996	JOHN X	7285	7285	.06410	2022	1985	
6	1996	JOHN X	713	0	.11375	2022 R	1986	
6	1996	JOHN X	3622	3622	.06410	2022	1986	
6	1996	JOHN X	4353	0	.08875	2022 R	1987	
6	1996	JOHN X	792	792	.06410	2022	1987	
6	1996	JOHN X	332	0	.08500	2022	1988	
6	1996	JOHN X	199	0	.08500	2022 R	1988	
6	1996	JOHN X	377	0	.09250	2022 R	1989	
6	1996	JOHN X	34	34	.06410	2022	1989	
6	1996	JOHN X	41	41	.06410	2022	1990	
6	1996	JOHN X	543	0	.08875	2022 R	1990	
6	1996	JOHN X	13218	0	.08750	2022 R	1991	
6	1996	JOHN X	144	0	.08750	2022	1991	
6	1996	JOHN X	21	21	.06410	2022	1992	
6	1996	JOHN X	95	0	.08500	2022	1992	
6	1996	JOHN X	7810	0	.07875	2022 R	1993	
6	1996	JOHN X	9585	0	.07875	2022	1993	
6	1996	JOHN X	14	0	.07125	2019 R	1994	
6	1996	JOHN X	1252	0	.07125	2029 A	1994	
6	1996	JOHN X	9	0	.07125	2000	1995	
6	1996	JOHN X	2	0	.09250	2000	1995	
6	1996	JOHN X	7943	7943	.06490	2045	1995	
6	1996	JOHN X	82	82	.06380	2020	1995	
6	1996	JOHN X	124	124	.06490	2035	1995	
6	1996	JOHN X	631	631	.06490	2045 R	1995	
6	1996	JOHN X	54	54	.06490	2035	1995	
6	1996	JOHN X	23	23	.06490	2035 R	1995	
6	1996	LIBB X	59608	53102	.06470	2025	1975	
6	1996	LIBB X	168661	168661	.06490	2026	1976	
6	1996	LIBB X	1610	1610	.06490	2026 R	1977	
6	1996	LIBB X	1610	1610	.06490	2026 R	1978	
6	1996	LIBB X	1610	1610	.06490	2026 R	1979	
6	1996	LIBB X	1610	1610	.06490	2026 R	1980	
6	1996	LIBB X	1610	1610	.06490	2026 R	1981	
6	1996	LIBB X	1610	1610	.06490	2026 R	1982	
6	1996	LIBB X	1610	1610	.06490	2026 R	1983	
6	1996	LIBB X	104	0	.10750	2026 R	1984	

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6	1996	LIBB	X	570	570	.06490	2026	1985
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6	1996	LIBB	X	2	2	.06490	2026	1987
6	1996	LIBB	X	19842	19842	.06490	2038 A	1988
6	1996	LIBB	X	35	0	.08505	2026	1988
6	1996	LIBB	X	131	0	.09250	2026 R	1989
6	1996	LIBB	X	1	1	.06490	2026	1989
6	1996	LIBB	X	11	0	.08875	2026	1990
6	1996	LIBB	X	134	0	.08750	2026 R	1991
6	1996	LIBB	X	100	0	.08500	2026 R	1992
6	1996	LIBB	X	70	0	.08500	2026	1992
6	1996	LIBB	X	600	0	.07875	2026	1993
6	1996	LIBB	X	237	237	.06490	2029 R	1994
6	1996	LIBB	X	312	312	.06490	2029 A	1994
6	1996	LIBB	X	3959	3291	.06490	2030	1995
6	1996	LIBB	X	97	97	.06490	2030	1995
6	1996	LIBB	X	16	16	.06490	2030	1995
6	1996	LIBB	X	42	42	.06490	2030 R	1995
6	1996	LITT	X	25088	24063	.06380	2020	1970
6	1996	LITT	X	48422	48422	.06390	2021	1971
6	1996	LITT	X	32	32	.06390	2021 R	1972
6	1996	LITT	X	33	33	.06390	2021 R	1973
6	1996	LITT	X	32	32	.06390	2021 R	1974
6	1996	LITT	X	33	33	.06390	2021 R	1975
6	1996	LITT	X	32	32	.06390	2021 R	1976
6	1996	LITT	X	33	33	.06390	2021 R	1977
6	1996	LITT	X	54052	54052	.06490	2028 A	1978
6	1996	LITT	X	32	32	.06390	2021 R	1978
6	1996	LITT	X	33	33	.06390	2021 R	1979
6	1996	LITT	X	32	32	.06390	2021 R	1980
6	1996	LITT	X	33	33	.06390	2021 R	1981
6	1996	LITT	X	32	32	.06390	2021 R	1982
6	1996	LITT	X	33	33	.06390	2021 R	1983
6	1996	LITT	X	201	0	.10750	2021 R	1984
6	1996	LITT	X	51	51	.06490	2028 A	1985
6	1996	LITT	X	196	196	.06390	2021	1985
6	1996	LITT	X	270	270	.06390	2021	1986
6	1996	LITT	X	72	0	.08875	2021 R	1987
6	1996	LITT	X	6	6	.06390	2021	1987

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6	1996	LITT	X	12	0	.08500	2021	1988
6	1996	LITT	X	68	0	.08500	2021 R	1988
6	1996	LITT	X	77	0	.09250	2021 R	1989
6	1996	LITT	X	408	0	.08875	2021 R	1990
6	1996	LITT	X	21	0	.08875	2021	1990
6	1996	LITT	X	266	0	.08750	2021 R	1991
6	1996	LITT	X	66	0	.08500	2021 R	1992
6	1996	LITT	X	27	0	.08500	2021	1992
6	1996	LITT	X	276	0	.07875	2021 R	1993
6	1996	LITT	X	3359	0	.07875	2021	1993
6	1996	LITT	X	37	0	.07125	2019 R	1994
6	1996	LITT	X	2044	0	.07125	2029 A	1994
6	1996	LITT	X	766	766	.06490	2040	1995
6	1996	LITT	X	17	17	.06490	2040	1995
6	1996	LITT	X	353	353	.06490	2040 R	1995
6	1996	LOOK	X	36138	30265	.06050	2005	1955
6	1996	LOOK	X	56	56	.06050	2005 R	1956
6	1996	LOOK	X	54	54	.06050	2005 R	1957
6	1996	LOOK	X	54	54	.06050	2005 R	1958
6	1996	LOOK	X	54	54	.06050	2005 R	1959
6	1996	LOOK	X	54	54	.06050	2005 R	1960
6	1996	LOOK	X	55	55	.06050	2005 R	1961
6	1996	LOOK	X	54	54	.06050	2005 R	1962
6	1996	LOOK	X	54	54	.06050	2005 R	1963
6	1996	LOOK	X	54	54	.06050	2005 R	1964
6	1996	LOOK	X	54	54	.06050	2005 R	1965
6	1996	LOOK	X	54	54	.06050	2005 R	1966
6	1996	LOOK	X	55	55	.06050	2005 R	1967
6	1996	LOOK	X	54	54	.06050	2005 R	1968
6	1996	LOOK	X	54	54	.06050	2005 R	1969
6	1996	LOOK	X	54	54	.06050	2005 R	1970
6	1996	LOOK	X	54	54	.06050	2005 R	1971
6	1996	LOOK	X	54	54	.06050	2005 R	1972
6	1996	LOOK	X	55	55	.06050	2005 R	1973
6	1996	LOOK	X	54	54	.06050	2005 R	1974
6	1996	LOOK	X	54	54	.06050	2005 R	1975
6	1996	LOOK	X	54	54	.06050	2005 R	1976
6	1996	LOOK	X	54	54	.06050	2005 R	1977
6	1996	LOOK	X	54	54	.06050	2005 R	1978

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6	1996	LOOK X	55	55	.06050	2005 R	1979
6	1996	LOOK X	54	54	.06050	2005 R	1980
6	1996	LOOK X	54	54	.06050	2005 R	1981
6	1996	LOOK X	54	54	.06050	2005 R	1982
6	1996	LOOK X	54	54	.06050	2005 R	1983
6	1996	LOOK X	185	0	.10750	2005 R	1984
6	1996	LOOK X	56	56	.06050	2005	1985
6	1996	LOOK X	45	45	.06050	2005	1986
6	1996	LOOK X	12	0	.08875	2005 R	1987
6	1996	LOOK X	9	9	.06050	2005	1987
6	1996	LOOK X	46	0	.08500	2005	1988
6	1996	LOOK X	17	0	.08500	2005 R	1988
6	1996	LOOK X	23	0	.09250	2005 R	1989
6	1996	LOOK X	147	0	.08875	2005 R	1990
6	1996	LOOK X	4	0	.08875	2005	1990
6	1996	LOOK X	6	0	.08750	2005 R	1991
6	1996	LOOK X	50	0	.08750	2005	1991
6	1996	LOOK X	181	0	.08500	2005 R	1992
6	1996	LOOK X	4	0	.08500	2005	1992
6	1996	LOOK X	18	0	.07875	2005 R	1993
6	1996	LOOK X	189	0	.07875	2005	1993
6	1996	LOOK X	73	0	.07125	2019 A	1994
6	1996	LOOK X	180	180	.06490	2045	1995
6	1996	LOOK X	146	146	.06490	2035	1995
6	1996	LOOK X	17	17	.06490	2035	1995
6	1996	LOOK X	10	10	.06490	2045	1995
6	1996	LOOK X	87	87	.06490	2045 R	1995
6	1996	LOOK X	36	36	.06490	2045	1995
6	1996	LOST X	14847	14755	.06490	2027	1977
6	1996	LOST X	64	64	.06490	2027 R	1978
6	1996	LOST X	66	66	.06490	2027 R	1979
6	1996	LOST X	66	66	.06490	2027 R	1980
6	1996	LOST X	66	66	.06490	2027 R	1981
6	1996	LOST X	66	66	.06490	2027 R	1982
6	1996	LOST X	66	66	.06490	2027 R	1983
6	1996	LOST X	243	0	.10750	2027 R	1984
6	1996	LOST X	14	14	.06490	2027	1985
6	1996	LOST X	5	0	.11375	2027 R	1986
6	1996	LOST X	7	7	.06490	2027	1986

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6	1996	LOST	X	3	0	.08875	2027	R	1987		
6	1996	LOST	X	5	5	.06490	2027		1987		
6	1996	LOST	X	7	0	.08500	2027		1988		
6	1996	LOST	X	9	0	.09250	2027	R	1989		
6	1996	LOST	X	1	0	.08875	2027		1990		
6	1996	LOST	X	31	0	.08750	2027		1991		
6	1996	LOST	X	1	0	.08500	2027	R	1992		
6	1996	LOST	X	1	0	.08500	2027		1992		
6	1996	LOST	X	1	0	.07875	2027	R	1993		
6	1996	LOST	X	14	0	.07875	2027		1993		
6	1996	LOST	X	4	0	.07125	2000		1995		
6	1996	LOST	X	97	97	.06490	2045	R	1995		
6	1996	LOWG	X	131997	130405	.06470	2025		1975		
6	1996	LOWG	X	565	565	.06470	2025	R	1976		
6	1996	LOWG	X	565	565	.06470	2025	R	1977		
6	1996	LOWG	X	44276	44276	.06490	2028	A	1978		
6	1996	LOWG	X	565	565	.06470	2025	R	1978		
6	1996	LOWG	X	566	566	.06470	2025	R	1979		
6	1996	LOWG	X	565	565	.06470	2025	R	1980		
6	1996	LOWG	X	565	565	.06470	2025	R	1981		
6	1996	LOWG	X	566	566	.06470	2025	R	1982		
6	1996	LOWG	X	565	565	.06470	2025	R	1983		
6	1996	LOWG	X	311	0	.10750	2025	R	1984		
6	1996	LOWG	X	364	364	.06470	2025		1985		
6	1996	LOWG	X	4	0	.11375	2025	R	1986		
6	1996	LOWG	X	238	238	.06470	2025		1986		
6	1996	LOWG	X	60	0	.08875	2025	R	1987		
6	1996	LOWG	X	9	9	.06470	2025		1987		
6	1996	LOWG	X	22	0	.08500	2025		1988		
6	1996	LOWG	X	95	0	.08500	2025	R	1988		
6	1996	LOWG	X	112	0	.09250	2025	R	1989		
6	1996	LOWG	X	392	0	.08875	2025	R	1990		
6	1996	LOWG	X	281	0	.08750	2025	R	1991		
6	1996	LOWG	X	6	0	.08750	2025		1991		
6	1996	LOWG	X	83	0	.08500	2025	R	1992		
6	1996	LOWG	X	121	0	.08500	2025		1992		
6	1996	LOWG	X	26	0	.07875	2025	R	1993		
6	1996	LOWG	X	3272	0	.07875	2025		1993		
6	1996	LOWG	X	38	0	.07125	2019	R	1994		

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6	1996	LOWG	X	3679	1687	.06490	2029	A	1994
6	1996	LOWG	X	79	79	.06320	2017		1995
6	1996	LOWG	X	475	475	.06320	2017		1995
6	1996	LOWG	X	404	404	.06320	2017		1995
6	1996	LOWM	X	30322	28431	.06360	2019		1969
6	1996	LOWM	X	57858	57858	.06380	2020		1970
6	1996	LOWM	X	242	242	.06380	2020	R	1971
6	1996	LOWM	X	242	242	.06380	2020	R	1972
6	1996	LOWM	X	242	242	.06380	2020	R	1973
6	1996	LOWM	X	242	242	.06380	2020	R	1974
6	1996	LOWM	X	242	242	.06380	2020	R	1975
6	1996	LOWM	X	242	242	.06380	2020	R	1976
6	1996	LOWM	X	242	242	.06380	2020	R	1977
6	1996	LOWM	X	242	242	.06380	2020	R	1978
6	1996	LOWM	X	44355	44355	.06490	2029	A	1979
6	1996	LOWM	X	242	242	.06380	2020	R	1979
6	1996	LOWM	X	242	242	.06380	2020	R	1980
6	1996	LOWM	X	242	242	.06380	2020	R	1981
6	1996	LOWM	X	242	242	.06380	2020	R	1982
6	1996	LOWM	X	242	242	.06380	2020	R	1983
6	1996	LOWM	X	279	279	.06490	2029	A	1985
6	1996	LOWM	X	9	9	.06380	2020		1985
6	1996	LOWM	X	149	149	.06380	2020		1986
6	1996	LOWM	X	50	0	.08875	2020	R	1987
6	1996	LOWM	X	4	4	.06380	2020		1987
6	1996	LOWM	X	1	0	.08500	2020		1988
6	1996	LOWM	X	58	0	.08500	2020	R	1988
6	1996	LOWM	X	93	0	.09250	2020	R	1989
6	1996	LOWM	X	358	0	.08875	2020	R	1990
6	1996	LOWM	X	594	0	.08750	2020		1991
6	1996	LOWM	X	4484	0	.08500	2020		1992
6	1996	LOWM	X	24	0	.07875	2020	R	1993
6	1996	LOWM	X	2175	0	.07875	2020		1993
6	1996	LOWM	X	107	0	.07125	2019	R	1994
6	1996	LOWM	X	2167	0	.07125	2029	A	1994
6	1996	LOWM	X	1162	1162	.06490	2045		1995
6	1996	LOWM	X	43	43	.06490	2045		1995
6	1996	LOWM	X	101	101	.06490	2045		1995
6	1996	LOWM	X	6	0	.07250	2000		1995

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6	1996	LOWM	X	625	625	.06490	2045	1995
6	1996	LSFW	X	31886	10870	.06490	2033	1983
6	1996	LSFW	X	52317	52317	.06490	2035	1985
6	1996	LSFW	X	79262	79262	.06490	2037	1987
6	1996	LSFW	X	880	880	.06490	2038	1988
6	1996	LSFW	X	1703	1703	.06490	2040	1990
6	1996	LSFW	X	4827	4827	.06490	2041	1991
6	1996	LSFW	X	78440	78440	.06490	2043	1993
6	1996	LSFW	X	5059	5059	.06490	2044	1994
6	1996	MCNA	X	82403	37904	.06000	2004	1954
6	1996	MCNA	X	56972	56972	.06050	2005	1955
6	1996	MCNA	X	41438	41438	.06110	2006	1956
6	1996	MCNA	X	26886	26886	.06130	2007	1957
6	1996	MCNA	X	503	503	.06130	2007 R	1958
6	1996	MCNA	X	503	503	.06130	2007 R	1959
6	1996	MCNA	X	503	503	.06130	2007 R	1960
6	1996	MCNA	X	503	503	.06130	2007 R	1961
6	1996	MCNA	X	502	502	.06130	2007 R	1962
6	1996	MCNA	X	503	503	.06130	2007 R	1963
6	1996	MCNA	X	503	503	.06130	2007 R	1964
6	1996	MCNA	X	503	503	.06130	2007 R	1965
6	1996	MCNA	X	503	503	.06130	2007 R	1966
6	1996	MCNA	X	502	502	.06130	2007 R	1967
6	1996	MCNA	X	503	503	.06130	2007 R	1968
6	1996	MCNA	X	503	503	.06130	2007 R	1969
6	1996	MCNA	X	503	503	.06130	2007 R	1970
6	1996	MCNA	X	503	503	.06130	2007 R	1971
6	1996	MCNA	X	503	503	.06130	2007 R	1972
6	1996	MCNA	X	502	502	.06130	2007 R	1973
6	1996	MCNA	X	503	503	.06130	2007 R	1974
6	1996	MCNA	X	503	503	.06130	2007 R	1975
6	1996	MCNA	X	503	503	.06130	2007 R	1976
6	1996	MCNA	X	502	502	.06130	2007 R	1977
6	1996	MCNA	X	503	503	.06130	2007 R	1978
6	1996	MCNA	X	503	503	.06130	2007 R	1979
6	1996	MCNA	X	503	503	.06130	2007 R	1980
6	1996	MCNA	X	503	503	.06130	2007 R	1981
6	1996	MCNA	X	502	502	.06130	2007 R	1982
6	1996	MCNA	X	503	503	.06130	2007 R	1983

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6	1996	MCNA	X	599	599	.06130	2007	1985
6	1996	MCNA	X	489	489	.06130	2007	1986
6	1996	MCNA	X	35	0	.08875	2007 R	1987
6	1996	MCNA	X	26	26	.06130	2007	1987
6	1996	MCNA	X	20	0	.08500	2007	1988
6	1996	MCNA	X	50	0	.08500	2007 R	1988
6	1996	MCNA	X	130	0	.09250	2007 R	1989
6	1996	MCNA	X	2228	0	.08875	2007 R	1990
6	1996	MCNA	X	14	0	.08875	2007	1990
6	1996	MCNA	X	66	0	.08750	2007 R	1991
6	1996	MCNA	X	76	0	.08750	2007	1991
6	1996	MCNA	X	222	0	.08500	2007 R	1992
6	1996	MCNA	X	125	0	.08500	2007	1992
6	1996	MCNA	X	34	0	.07875	2007 R	1993
6	1996	MCNA	X	1462	0	.07875	2007	1993
6	1996	MCNA	X	1521	0	.07125	2029 A	1994
6	1996	MCNA	X	68	0	.07125	2019 R	1994
6	1996	MCNA	X	16	16	.06490	2045	1995
6	1996	MCNA	X	542	542	.06490	2045	1995
6	1996	MINI	X	854	0	.03000	1959	1909
6	1996	MINI	X	1709	0	.03000	1960	1910
6	1996	MINI	X	1709	0	.03000	1961	1911
6	1996	MINI	X	854	0	.03000	1977	1927
6	1996	MINI	X	854	0	.03000	1992	1942
6	1996	MINI	X	2561	0	.03000	2007	1957
6	1996	MINI	X	854	0	.03000	2008	1958
6	1996	MINI	X	108	0	.03000	2008 R	1959
6	1996	MINI	X	108	0	.03000	2008 R	1960
6	1996	MINI	X	108	0	.03000	2008 R	1961
6	1996	MINI	X	108	0	.03000	2008 R	1962
6	1996	MINI	X	108	0	.03000	2008 R	1963
6	1996	MINI	X	108	0	.03000	2008 R	1964
6	1996	MINI	X	108	0	.03000	2008 R	1965
6	1996	MINI	X	108	0	.03000	2008 R	1966
6	1996	MINI	X	108	0	.03000	2008 R	1967
6	1996	MINI	X	108	0	.03000	2008 R	1968
6	1996	MINI	X	3	0	.03000	2008 R	1969
6	1996	MINI	X	108	0	.03000	2008 R	1970
6	1996	MINI	X	108	0	.03000	2008 R	1971

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6	1996	MINI	X	108	0	.03000	2008	R	1972
6	1996	MINI	X	108	0	.03000	2008	R	1973
6	1996	MINI	X	108	0	.03000	2008	R	1974
6	1996	MINI	X	108	0	.03000	2008	R	1975
6	1996	MINI	X	108	0	.03000	2008	R	1976
6	1996	MINI	X	88	61	.06150	2008	R	1977
6	1996	MINI	X	81	81	.06150	2008	R	1978
6	1996	MINI	X	81	81	.06150	2008	R	1979
6	1996	MINI	X	81	81	.06150	2008	R	1980
6	1996	MINI	X	81	81	.06150	2008	R	1981
6	1996	MINI	X	81	81	.06150	2008	R	1982
6	1996	MINI	X	71	71	.06150	2008	R	1983
6	1996	MINI	X	44	0	.10750	2008	R	1984
6	1996	MINI	X	23	23	.06150	2008		1985
6	1996	MINI	X	48	0	.11375	2008	R	1986
6	1996	MINI	X	23	23	.06150	2008		1986
6	1996	MINI	X	17	17	.06150	2008		1987
6	1996	MINI	X	31	0	.08500	2008		1988
6	1996	MINI	X	20	0	.09250	2008	R	1989
6	1996	MINI	X	33	0	.08875	2008	R	1990
6	1996	MINI	X	62	0	.08750	2008	R	1991
6	1996	MINI	X	11	0	.08750	2008		1991
6	1996	MINI	X	32	0	.08750	2008	R	1991
6	1996	MINI	X	6	0	.08500	2008	R	1992
6	1996	MINI	X	351	0	.07125	2029		1994
6	1996	MINI	X	85	85	.06180	2010		1995
6	1996	MINI	X	4	0	.08500	2000	R	1995
6	1996	THED	X	15908	0	.02500	2007		1957
6	1996	THED	X	48678	36829	.06150	2008		1958
6	1996	THED	X	48820	48820	.05160	2009		1959
6	1996	THED	X	43044	43044	.06180	2010		1960
6	1996	THED	X	10499	10499	.06200	2011		1961
6	1996	THED	X	62	62	.06200	2011	R	1962
6	1996	THED	X	63	63	.06200	2011	R	1963
6	1996	THED	X	63	63	.06200	2011	R	1964
6	1996	THED	X	62	62	.06200	2011	R	1965
6	1996	THED	X	63	63	.06200	2011	R	1966
6	1996	THED	X	63	63	.06200	2011	R	1967
6	1996	THED	X	62	62	.06200	2011	R	1968

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6	1996	THED	X	63	63	.06200	2011 R	1969
6	1996	THED	X	63	63	.06200	2011 R	1970
6	1996	THED	X	62	62	.06200	2011 R	1971
6	1996	THED	X	63	63	.06200	2011 R	1972
6	1996	THED	X	24441	24441	.06430	2023 A	1973
6	1996	THED	X	63	63	.06200	2011 R	1973
6	1996	THED	X	8044	8044	.06450	2024 A	1974
6	1996	THED	X	62	62	.06200	2011 R	1974
6	1996	THED	X	63	63	.06200	2011 R	1975
6	1996	THED	X	63	63	.06200	2011 R	1976
6	1996	THED	X	62	62	.06200	2011 R	1977
6	1996	THED	X	63	63	.06200	2011 R	1978
6	1996	THED	X	63	63	.06200	2011 R	1979
6	1996	THED	X	62	62	.06200	2011 R	1980
6	1996	THED	X	63	63	.06200	2011 R	1981
6	1996	THED	X	63	63	.06200	2011 R	1982
6	1996	THED	X	62	62	.06200	2011 R	1983
6	1996	THED	X	961	0	.10750	2011 R	1984
6	1996	THED	X	280	0	.12375	2011 R	1985
6	1996	THED	X	106	106	.06200	2011	1985
6	1996	THED	X	4	0	.11375	2011 R	1986
6	1996	THED	X	105	105	.06200	2011	1986
6	1996	THED	X	81	0	.08875	2011 R	1987
6	1996	THED	X	1567	1567	.06200	2011	1987
6	1996	THED	X	685	0	.08500	2011	1988
6	1996	THED	X	1	0	.08500	2011 R	1988
6	1996	THED	X	898	0	.09250	2011 R	1989
6	1996	THED	X	319	0	.08875	2011 R	1990
6	1996	THED	X	745	0	.08875	2011	1990
6	1996	THED	X	89	0	.08750	2011 R	1991
6	1996	THED	X	2452	0	.08750	2011	1991
6	1996	THED	X	57	0	.08500	2011 R	1992
6	1996	THED	X	130	0	.08500	2011	1992
6	1996	THED	X	2028	0	.07875	2011 R	1993
6	1996	THED	X	2929	0	.07875	2011	1993
6	1996	THED	X	1425	0	.07125	2029 A	1994
6	1996	THED	X	12	12	.06180	2010	1995
6	1996	YAKC	X	1671	796	.06410	2022	1956
6	1996	YAKC	X	2	2	.06410	2022 R	1959

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6	1996	YAKC	X	1	1	.06410	2022 R 1960
6	1996	YAKC	X	1	1	.06410	2022 R 1961
6	1996	YAKC	X	1	1	.06410	2022 R 1962
6	1996	YAKC	X	1	1	.06410	2022 R 1963
6	1996	YAKC	X	1	1	.06410	2022 R 1964
6	1996	YAKC	X	1	1	.06410	2022 R 1965
6	1996	YAKC	X	1	1	.06410	2022 R 1966
6	1996	YAKC	X	0	0	.02500	2022 R 1967
6	1996	YAKC	X	0	0	.02500	2022 R 1968
6	1996	YAKC	X	0	0	.02500	2022 R 1969
6	1996	YAKC	X	0	0	.02500	2022 R 1970
6	1996	YAKC	X	0	0	.02500	2022 R 1971
6	1996	YAKC	X	0	0	.02500	2022 R 1972
6	1996	YAKC	X	0	0	.02500	2022 R 1973
6	1996	YAKC	X	0	0	.02500	2022 R 1974
6	1996	YAKC	X	35	0	.10750	2022 R 1984
6	1996	YAKC	X	357	0	.12375	2022 R 1985
6	1996	YAKC	X	7	0	.11375	2022 R 1986
6	1996	YAKC	X	516	506	.06410	2022 1986
6	1996	YAKC	X	126	0	.08875	2022 R 1987
6	1996	YAKC	X	18	0	.09250	2022 R 1989
6	1996	YAKC	X	40	0	.08875	2022 R 1990
6	1996	YAKC	X	109	0	.08750	2022 1991
6	1996	YAKR	X	1005	577	.06150	2008 1958
6	1996	YAKR	X	0	0	.03000	2008 R 1959
6	1996	YAKR	X	0	0	.03000	2008 R 1960
6	1996	YAKR	X	0	0	.03000	2008 R 1961
6	1996	YAKR	X	0	0	.03000	2008 R 1962
6	1996	YAKR	X	0	0	.03000	2008 R 1963
6	1996	YAKR	X	0	0	.03000	2008 R 1964
6	1996	YAKR	X	0	0	.03000	2008 R 1965
6	1996	YAKR	X	0	0	.03000	2008 R 1966
6	1996	YAKR	X	0	0	.03000	2008 R 1967
6	1996	YAKR	X	0	0	.03000	2008 R 1968
6	1996	YAKR	X	0	0	.03000	2008 R 1969
6	1996	YAKR	X	0	0	.03000	2008 R 1970
6	1996	YAKR	X	0	0	.03000	2008 R 1971
6	1996	YAKR	X	0	0	.03000	2008 R 1972
6	1996	YAKR	X	0	0	.03000	2008 R 1973

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6	1996	YAKR	X	0	0	.03000	2008	R	1974
6	1996	YAKR	X	0	0	.03000	2008	R	1975
6	1996	YAKR	X	0	0	.03000	2008	R	1976
6	1996	YAKR	X	0	0	.03000	2008	R	1977
6	1996	YAKR	X	0	0	.03000	2008	R	1978
6	1996	YAKR	X	0	0	.03000	2008	R	1979
6	1996	YAKR	X	0	0	.03000	2008	R	1980
6	1996	YAKR	X	0	0	.03000	2008	R	1981
6	1996	YAKR	X	0	0	.03000	2008	R	1982
6	1996	YAKR	X	0	0	.03000	2008	R	1983
6	1996	YAKR	X	17	0	.10750	2008	R	1984
6	1996	YAKR	X	5	0	.12375	2008	R	1985
6	1996	YAKR	X	80	80	.06150	2008		1985
6	1996	YAKR	X	7	7	.06150	2008		1986
6	1996	YAKR	X	9	0	.08875	2008	R	1987
6	1996	YAKR	X	2	2	.06150	2008		1987
6	1996	YAKR	X	11	0	.08500	2008		1988
6	1996	YAKR	X	17	0	.09250	2008	R	1989
6	1996	YAKR	X	76	0	.08750	2008	R	1991
6	1996	YAKR	X	0	0	.08500	2008	R	1992
6	1996	ALBE	X	781	781	.06490	2046		1996
6	1996	BOIS	X	1	1	.05810	2001		1996
6	1996	BOIS	X	13	13	.06200	2011		1996
6	1996	BOIS	X	88	88	.06390	2021	R	1996
6	1996	BOIS	X	238	238	.06490	2031		1996
6	1996	BOIS	X	1258	1258	.06490	2046	R	1996
6	1996	BOIS	X	480	480	.06490	2046		1996
6	1996	BOIS	X	714	714	.06490	2046		1996
6	1996	BONN	X	43359	43359	.06490	2046		1996
6	1996	BONN	X	2144	2144	.06490	2046		1996
6	1996	BONN	X	2144	2144	.06490	2046	R	1996
6	1996	BONN	X	2241	2241	.06490	2046		1996
6	1996	CHIE	X	526	526	.06490	2046		1996
6	1996	CHIE	X	647	647	.06490	2046		1996
6	1996	COLU	X	368	368	.06490	2046		1996
6	1996	COLU	X	251	251	.06490	2046		1996
6	1996	COLU	X	1188	1188	.06490	2046	R	1996
6	1996	COLU	X	47	47	.06200	2011		1996
6	1996	COLU	X	435	435	.06490	2046		1996

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6	1996	COLU X	5428	5428	.06490	2046 R	1996
6	1996	COLU X	118	118	.06490	2031 R	1996
6	1996	COLU X	1733	1733	.06490	2046	1996
6	1996	CRFB X	55608	55608	.06490	2046	1996
6	1996	DWOR X	535	535	.06490	2046	1996
6	1996	DWOR X	1065	1065	.06490	2046	1996
6	1996	GREE X	8	8	.05810	2001	1996
6	1996	HILL X	137	137	.06490	2031	1996
6	1996	HUNG X	64	64	.06200	2011	1996
6	1996	HUNG X	140	140	.06390	2021 R	1996
6	1996	HUNG X	65	65	.06200	2011 R	1996
6	1996	HUNG X	1758	1758	.06490	2046	1996
6	1996	ICEH X	356	356	.06490	2036	1996
6	1996	ICEH X	189	189	.06490	2036	1996
6	1996	JOHN X	11249	11249	.06490	2046	1996
6	1996	JOHN X	3148	3148	.06490	2046	1996
6	1996	LIBB X	2050	2050	.06490	2046	1996
6	1996	LIBB X	531	531	.06490	2046	1996
6	1996	LITT X	4463	4463	.06490	2046	1996
6	1996	LOOK X	2560	2560	.06490	2046	1996
6	1996	LOOK X	1140	1140	.06490	2046	1996
6	1996	LOWG X	330	330	.06490	2031	1996
6	1996	LOWG X	3956	3956	.06490	2046	1996
6	1996	LOWM X	894	894	.06490	2046	1996
6	1996	LSFW X	8555	8555	.06490	2046	1996
6	1996	MCNA X	1475	1475	.06490	2046	1996
6	1996	MINI X	146	146	.06390	2021 R	1996
6	1996	MINI X	10	10	.05810	2001	1996
6	1996	MINI X	2255	2255	.06490	2046	1996
6	1996	THED X	15810	15810	.06490	2046	1996
6	1996	THED X	2780	2780	.06490	2046	1996
6	1996	YAKR X	341	341	.06390	2021 R	1996

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6 1995 ZABF X 3389 0 .08950 2013 1978 09

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6	1995	ZABF	X	4619	0	.08950	2013	R	1978	09
6	1995	ZABF	X	1371	0	.09450	2014		1979	06
6	1995	ZABF	X	1870	0	.09450	2014	R	1979	06
6	1995	ZABF	X	150	0	.09450	2014		1979	06
6	1995	ZABF	X	102	0	.09450	2014	R	1979	06
6	1995	ZABF	X	98	0	.09900	2014		1979	09
6	1995	ZABF	X	66	0	.09900	2014	R	1979	09
6	1995	ZABF	X	605	0	.09900	2014		1979	09
6	1995	ZABF	X	165	0	.09900	2014	R	1979	09
6	1995	ZABF	X	2263	0	.13000	2015		1980	09
6	1995	ZABF	X	616	0	.13000	2015	R	1980	09
6	1995	ZABF	X	1707	0	.13000	2015		1980	09
6	1995	ZABF	X	56	0	.13000	2015	R	1980	09
6	1995	ZABF	X	21	0	.13000	2015		1980	09
6	1995	ZABF	X	10	0	.13000	2015	R	1980	09
6	1995	ZABF	X	277	0	.16600	2016		1981	09
6	1995	ZABF	X	127	0	.16600	2016	R	1981	09
6	1995	ZABF	X	80	0	.14400	2017		1982	12
6	1995	ZABF	X	36	0	.14400	2017	R	1982	12
6	1995	ZABF	X	23	0	.14400	2017		1982	04
6	1995	ZABF	X	11	0	.14400	2017	R	1982	04
6	1995	ZABF	X	551	0	.14400	2017		1982	04
6	1995	ZABF	X	439	0	.14400	2017	R	1982	04
6	1995	ZABF	X	43	0	.14150	2017		1982	07
6	1995	ZABF	X	-43	0	.14150	2017		1987	07
6	1995	ZABF	X	34	0	.14150	2017	R	1982	07
6	1995	ZABF	X	-34	0	.14150	2017	R	1987	07
6	1995	ZABF	X	402	0	.14150	2017		1982	07
6	1995	ZABF	X	-402	0	.14150	2017		1987	07
6	1995	ZABF	X	105	0	.14150	2017	R	1982	07
6	1995	ZABF	X	-105	0	.14150	2017	R	1987	07
6	1995	ZABF	X	205	0	.10850	2018		1983	11
6	1995	ZABF	X	-205	0	.10850	2018		1988	02
6	1995	ZABF	X	54	0	.10850	2018	R	1983	11
6	1995	ZABF	X	-54	0	.10850	2018	R	1988	02
6	1995	ZABF	X	154	0	.11700	2018		1983	06
6	1995	ZABF	X	40	0	.11700	2018	R	1983	06
6	1995	ZABF	X	4	0	.12250	2018		1983	09
6	1995	ZABF	X	1	0	.12250	2018	R	1983	09

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6	1995	ZABF	X	203	0	.12250	2018	1983	09	
6	1995	ZABF	X	35	0	.12250	2018 R	1983	09	
6	1995	ZABF	X	138	0	.12300	2019	1984	11	
6	1995	ZABF	X	24	0	.12300	2019 R	1984	11	
6	1995	ZABF	X	276	0	.13050	2019	1984	09	
6	1995	ZABF	X	48	0	.13050	2019 R	1984	09	
6	1995	ZABF	X	460	0	.11250	2029	1985	06	
6	1995	ZABF	X	80	0	.11250	2029 R	1985	06	
6	1995	ZABF	X	5	0	.08150	1996	1986	03	T
6	1995	ZABF	X	1	0	.08150	1996 R	1986	03	T
6	1995	ZABF	X	443	0	.08150	1996	1986	03	T
6	1995	ZABF	X	169	0	.08150	1996 R	1986	03	T
6	1995	ZABF	X	76	0	.08950	2030	1986	06	
6	1995	ZABF	X	29	0	.08950	2030 R	1986	06	
6	1995	ZABF	X	1819	0	.08950	2030	1986	06	
6	1995	ZABF	X	722	0	.08950	2030 R	1986	06	
6	1995	ZABF	X	111	0	.09300	2031	1987	04	
6	1995	ZABF	X	-111	0	.09300	2031	1992	04	
6	1995	ZABF	X	281	0	.09300	2031	1987	04	
6	1995	ZABF	X	-281	0	.09300	2031	1992	04	
6	1995	ZABF	X	554	0	.09300	2031	1987	04	
6	1995	ZABF	X	-554	0	.09300	2031	1992	04	
6	1995	ZABF	X	1409	0	.09300	2031	1987	04	
6	1995	ZABF	X	-1409	0	.09300	2031	1992	04	
6	1995	ZABF	X	2498	0	.08350	1992	1987	06	T
6	1995	ZABF	X	983	0	.08350	1992 R	1987	06	T
6	1995	ZABF	X	48	0	.09550	2017	1987	07	
6	1995	ZABF	X	38	0	.09550	2017 R	1987	07	
6	1995	ZABF	X	569	0	.09550	2017	1987	07	
6	1995	ZABF	X	285	0	.09550	2032	1987	07	
6	1995	ZABF	X	112	0	.09550	2032 R	1987	07	
6	1995	ZABF	X	631	0	.09550	2032	1987	07	
6	1995	ZABF	X	618	0	.09550	2032 R	1987	07	
6	1995	ZABF	X	283	0	.09500	2018	1988	02	
6	1995	ZABF	X	954	0	.09500	2033	1988	02	
6	1995	ZABF	X	-954	0	.09500	2033	1994	05	
6	1995	ZABF	X	933	0	.09500	2033 R	1988	02	
6	1995	ZABF	X	-933	0	.09500	2033 R	1994	05	
6	1995	ZABF	X	518	0	.09500	2033	1988	02	

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6	1995	ZABF	X	-518	0	.09500	2033	1994	05	
6	1995	ZABF	X	1725	0	.09500	2033 R	1988	02	
6	1995	ZABF	X	-1725	0	.09500	2033 R	1994	05	
6	1995	ZABF	X	226	0	.09900	2033	1988	06	
6	1995	ZABF	X	752	0	.09900	2033 R	1988	06	
6	1995	ZABF	X	424	424	.08950	1999	1989	05	T
6	1995	ZABF	X	1410	1410	.08950	1999 R	1989	05	T
6	1995	ZABF	X	29	29	.09250	2030	1990	01	10
6	1995	ZABF	X	96	96	.09250	2030 R	1990	01	10
6	1995	ZABF	X	3008	3008	.09250	2030	1990	01	10
6	1995	ZABF	X	5855	0	.07550	1995	1991	02	T
6	1995	ZABF	X	2479	2479	.08800	2032	1992	04	
6	1995	ZABF	X	11016	11016	.08350	2033	1993	10	
6	1995	ZABF	X	14278	14278	.06850	2034	1994	10	
6	1995	ZABF	X	4456	0	.07100	1998	1994	05	01 P
6	1995	ZABF	X	8509	8509	.07700	2025	1995	07	05
6	1995	ZACO	X	140000	0	.12200	2003	1983	09	
6	1995	ZACO	X	150000	0	.13050	2004	1984	09	
6	1995	ZACO	X	-120000	0	.13050	2004	1989	09	
6	1995	ZACO	X	50000	0	.10150	1990	1985	09	T
6	1995	ZACO	X	50000	0	.08150	1996	1986	03	T
6	1995	ZACO	X	50000	0	.07800	1991	1986	03	T
6	1995	ZACO	X	75000	0	.09300	2007	1987	04	
6	1995	ZACO	X	-75000	0	.09300	2007	1992	04	
6	1995	ZACO	X	50000	0	.08350	1992	1987	06	T
6	1995	ZACO	X	90000	0	.09900	2008	1988	04	
6	1995	ZACO	X	40000	40000	.08550	2009	1989	07	T
6	1995	ZACO	X	66000	0	.08600	1995	1989	09	T
6	1995	ZACO	X	66000	66000	.08650	2002	1989	09	T
6	1995	ZACO	X	100000	100000	.07140	2007	1992	07	
6	1995	ZACO	X	80200	80200	.05800	1997	1992	07	T
6	1995	ZACO	X	50000	50000	.08050	2013	1993	10	
6	1995	ZACO	X	50000	50000	.07400	2013	1993	02	
6	1995	ZACO	X	40000	40000	.06750	2013	1993	08	
6	1995	ZACO	X	50000	50000	.06750	2014	1994	01	
6	1995	ZACO	X	50000	32699	.07100	1998	1994	05	01 P
6	1995	ZACO	X	85000	85000	.07500	2015	1995	05	05
6	1995	ZADB	X	35000	35000	.07500	2015	1995	05	05
6	1995	ZAFW	X	25000	25000	.08950	1999	1989	05	T

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6	1995	ZAFW	X	50000		.07950	1996	1991	05	T	
6	1995	ZAFW	X	20000	20000	.06950	2008	1993	02		
6	1995	ZAFW	X	20000	0	.07650	1999	1994	09	01	P
6	1995	ZAFW	X	22900	22900	.07200	2010	1995	08	05	
				1392082	738048						

654034

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124.84900 242367
245985

6	1995	ZIRR	X	25143	25143	.00000	1997	1994			
6	1995	ZIRR	X	10103	10103	.00000	2001	1994			
6	1995	ZIRR	X	200	200	.00000	2004	1994			
6	1995	ZIRR	X	208	208	.00000	2004	1994			
6	1995	ZIRR	X	346	346	.00000	2004	1994			
6	1995	ZIRR	X	2950	2950	.00000	2008	1994			
6	1995	ZIRR	X	5602	5602	.00000	2009	1994			
6	1995	ZIRR	X	1996	1996	.00000	2009	1994			
6	1995	ZIRR	X	806	806	.00000	2012	1994			
6	1995	ZIRR	X	45073	45073	.00000	2013	1994			
6	1995	ZIRR	X	46353	46353	.00000	2014	1994			
6	1995	ZIRR	X	52846	52846	.00000	2015	1994			
6	1995	ZIRR	X	62214	62214	.00000	2016	1994			
6	1995	ZIRR	X	61953	61953	.00000	2017	1994			
6	1995	ZIRR	X	1071	1071	.00000	2017	1994			
6	1995	ZIRR	X	789	789	.00000	2017	1994			
6	1995	ZIRR	X	22576	22576	.00000	2018	1994			
6	1995	ZIRR	X	680	680	.00000	2018	1994			
6	1995	ZIRR	X	563	563	.00000	2018	1994			
6	1995	ZIRR	X	61026	61026	.00000	2019	1994			
6	1995	ZIRR	X	1125	1125	.00000	2019	1994			
6	1995	ZIRR	X	2081	2081	.00000	2019	1994			
6	1995	ZIRR	X	2081	2081	.00000	2019	1994			
6	1995	ZIRR	X	413	413	.00000	2019	1994			
6	1995	ZIRR	X	31524	31524	.00000	2020	1994			
6	1995	ZIRR	X	2076	2076	.00000	2020	1994			
6	1995	ZIRR	X	16165	16165	.00000	2021	1994			
6	1995	ZIRR	X	1527	1527	.00000	2021	1994			
6	1995	ZIRR	X	15610	15610	.00000	2022	1994			

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6	1995	ZIRR X	457	457	.00000	2022	1994
6	1995	ZIRR X	9673	9673	.00000	2023	1994
6	1995	ZIRR X	14647	14647	.00000	2024	1994
6	1995	ZIRR X	1943	1943	.00000	2024	1994
6	1995	ZIRR X	3794	3794	.00000	2024	1994
6	1995	ZIRR X	17294	17294	.00000	2025	1994
6	1995	ZIRR X	1202	1202	.00000	2025	1994
6	1995	ZIRR X	3810	3810	.00000	2026	1994
6	1995	ZIRR X	11907	11907	.00000	2026	1994
6	1995	ZIRR X	953	953	.00000	2026	1994
6	1995	ZIRR X	2326	2326	.00000	2026	1994
6	1995	ZIRR X	8592	8592	.00000	2027	1994
6	1995	ZIRR X	14857	14857	.00000	2028	1994
6	1995	ZIRR X	4200	4200	.00000	2028	1994
6	1995	ZIRR X	4092	4092	.00000	2029	1994
6	1995	ZIRR X	2437	2437	.00000	2030	1994
6	1995	ZIRR X	15912	15912	.00000	2031	1994
6	1995	ZIRR X	15215	15215	.00000	2035	1994
6	1995	ZIRR X	3660	3660	.00000	2036	1994
6	1995	ZIRR X	15186	15186	.00000	2036	1994
6	1995	ZIRR X	10047	10047	.00000	2036	1994
6	1995	ZIRR X	4805	4805	.00000	2037	1994
6	1995	ZIRR X	22983	22983	.00000	2037	1994
6	1995	ZIRR X	15560	15560	.00000	2039	1994
6	1995	ZIRR X	72652	72652	.00000	2042	1994
6	1995	ZIRR X	27458	27458	.00000	2045	1995
			780762	780762			

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.00000 109671
111197

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PROJECTED FEDERAL INVESTMENTS

		ORIGINAL	CURRENT	INTEREST	DUE	INSERVICE	CALENDAR
	PROJECT	PRINCIPAL	PRINCIPAL	RATE	DATE	DATE	MONTH
6	1997	ALBE X	341	341	.06490	2047	1997

						Prtg.txt		
6	1997	BOIS	X	89	89	.06200	2012	1997
6	1997	BOIS	X	129	129	.06490	2047 R	1997
6	1997	BONN	X	12429	12429	.06490	2047	1997
6	1997	BONN	X	802	802	.06490	2047	1997
6	1997	BONN	X	802	802	.06490	2047 R	1997
6	1997	CHIE	X	361	361	.06490	2032	1997
6	1997	COLU	X	416	416	.06490	2032 R	1997
6	1997	COLU	X	4915	4915	.06490	2047	1997
6	1997	CRFB	X	73757	73757	.06490	2047	1997
6	1997	DWOR	X	128	128	.06490	2032	1997
6	1997	GREE	X	75	75	.06200	2012	1997
6	1997	HUNG	X	6	6	.05810	2002	1997
6	1997	HUNG	X	462	462	.06490	2047 R	1997
6	1997	ICEH	X	1335	1335	.06490	2047	1997
6	1997	JOHN	X	162	162	.06390	2022	1997
6	1997	LIBB	X	1335	1335	.06490	2047	1997
6	1997	LOWM	X	188	188	.06490	2032	1997
6	1997	LSFW	X	3901	3901	.06490	2047	1997
6	1997	MINI	X	188	188	.06490	2032	1997
6	1997	MINI	X	46867	46867	.06490	2047	1997
6	1997	THED	X	513	513	.06490	2032	1997
6	1998	BOIS	X	90	90	.05850	2013	1998
6	1998	BOIS	X	193	193	.05440	2003 R	1998
6	1998	BONN	X	22149	22149	.06180	2048	1998
6	1998	COLU	X	357	357	.06180	2033	1998
6	1998	COLU	X	898	898	.06180	2033 R	1998
6	1998	CRFB	X	137104	137104	.06180	2048	1998
6	1998	HUNG	X	262	262	.06180	2033	1998
6	1998	HUNG	X	217	217	.06180	2048 R	1998
6	1998	LSFW	X	2768	2768	.06180	2048	1998
6	1998	MINI	X	128	128	.06180	2033	1998
6	1998	MINI	X	277	277	.06180	2033	1998
6	1998	YAKR	X	43	43	.06070	2023 R	1998
6	1999	BOIS	X	69	69	.05650	2014	1999
6	1999	BOIS	X	165	165	.05970	2049 R	1999
6	1999	BONN	X	12609	12609	.05970	2049	1999
6	1999	COLU	X	104	104	.05970	2034	1999
6	1999	COLU	X	2581	2581	.05970	2049 R	1999
6	1999	CRFB	X	37360	37360	.05970	2049	1999

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6	1999	HUNG X	7	7	.05360	2004	1999
6	1999	HUNG X	74	74	.05970	2034 R	1999
6	1999	LSFW X	205	205	.05970	2034	1999
6	1999	MINI X	66	66	.05860	2024	1999
6	2000	BOIS X	25	25	.05630	2015	2000
6	2000	BOIS X	188	188	.05860	2050 R	2000
6	2000	BONN X	12889	12889	.05860	2050	2000
6	2000	COLU X	2077	2077	.05860	2050	2000
6	2000	COLU X	1239	1239	.05860	2050 R	2000
6	2000	CRFB X	41033	41033	.05860	2050	2000
6	2000	HUNG X	306	306	.05860	2050	2000
6	2000	HUNG X	35	35	.05860	2050 R	2000
			424719	424719			

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31.97100 103900
105905

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6	1996	ZABF X	15798	15798	.07240	2041	1996	03
6	1996	ZAFW X	24000	24000	.06950	2011	1996	03
6	1996	ZACO X	99700	99700	.07050	2016	1996	03
6	1996	ZADB X	39700	39700	.07240	2041	1996	03
6	1997	ZABF X	12670	12670	.06930	2042	1997	03
6	1997	ZAFW X	27000	27000	.06600	2012	1997	03
6	1997	ZACO X	56900	56900	.06710	2017	1997	03
6	1997	ZADB X	17300	17300	.06930	2042	1997	03
6	1998	ZABF X	14883	14883	.06720	2043	1998	03
6	1998	ZAFW X	27000	27000	.06400	2013	1998	03
6	1998	ZACO X	42600	42600	.06500	2018	1998	03
6	1998	ZADB X	13200	13200	.06720	2043	1998	03
6	1999	ZABF X	14079	14079	.06610	2044	1999	03
6	1999	ZAFW X	27000	27000	.06380	2014	1999	03
6	1999	ZACO X	38300	38300	.06460	2019	1999	03
6	1999	ZADB X	36100	36100	.06610	2044	1999	03
6	2000	ZABF X	14374	14374	.06460	2045	2000	03
6	2000	ZAFW X	27000	27000	.06360	2015	2000	03
6	2000	ZACO X	30800	30800	.06390	2020	2000	03
6	2000	ZADB X	51500	51500	.06460	2045	2000	03
			629904	629904				

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= TOTAL FOR 6

13.37200 39960
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CORPS-BUREAU REPLACEMENTS

INSERVICE DATE	PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	DATE DUE	INTEREST RATE	
6	2003	ALBE X	117	117	2015 R	.05583
6	2005	ALBE X	1074	1074	2015 R	.05553
6	2005	ALBE X	2266	2266	2030 R	.05781
6	2005	ALBE X	2126	2126	2055 R	.05858
6	2015	ALBE X	1074	1074	2025 R	.05553
6	2015	ALBE X	117	117	2027 R	.05583
6	2015	ALBE X	833	833	2035 R	.05705
6	2015	ALBE X	52	52	2030 R	.05629
6	2025	ALBE X	1074	1074	2035 R	.05553
6	2025	ALBE X	7636	7636	2060 R	.05858
6	2027	ALBE X	117	117	2039 R	.05583
6	2030	ALBE X	52	52	2045 R	.05629
6	2030	ALBE X	2266	2266	2055 R	.05781
6	2035	ALBE X	833	833	2055 R	.05705
6	2035	ALBE X	1074	1074	2045 R	.05553
6	2035	ALBE X	572	572	2075 R	.05858
6	2039	ALBE X	117	117	2051 R	.05583
6	2045	ALBE X	52	52	2060 R	.05629
6	2045	ALBE X	1074	1074	2055 R	.05553
6	2002	BOIS X	12	12	2017 R	.05629
6	2002	BOIS X	2369	2369	2027 R	.05781
6	2007	BOIS X	735	735	2047 R	.05858
6	2007	BOIS X	130	130	2027 R	.05705
6	2017	BOIS X	12	12	2032 R	.05629
6	2017	BOIS X	701	701	2062 R	.05858
6	2017	BOIS X	61	61	2047 R	.05858
6	2027	BOIS X	7931	7931	2077 R	.05858

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6	2027	BOIS	X	2369	2369	2052 R .05781
6	2027	BOIS	X	130	130	2047 R .05705
6	2032	BOIS	X	12	12	2047 R .05629
6	2032	BOIS	X	890	890	2067 R .05858
6	2047	BOIS	X	130	130	2067 R .05705
6	2047	BOIS	X	12	12	2062 R .05629
6	2047	BOIS	X	735	735	2087 R .05858
6	2047	BOIS	X	61	61	2077 R .05858
6	2001	BONN	X	78	78	2006 R .05440
6	2001	BONN	X	137	137	2013 R .05583
6	2001	BONN	X	2417	2417	2016 R .05629
6	2001	BONN	X	105	105	2011 R .05553
6	2001	BONN	X	583	583	2021 R .05705
6	2002	BONN	X	13	13	2027 R .05781
6	2004	BONN	X	6	6	2011 R .05478
6	2006	BONN	X	78	78	2011 R .05440
6	2007	BONN	X	4021	4021	2032 R .05781
6	2011	BONN	X	78	78	2016 R .05440
6	2011	BONN	X	105	105	2021 R .05553
6	2011	BONN	X	6	6	2018 R .05478
6	2011	BONN	X	68928	68928	2046 R .05858
6	2012	BONN	X	50	50	2047 R .05858
6	2012	BONN	X	1048	1048	2027 R .05629
6	2013	BONN	X	137	137	2025 R .05583
6	2016	BONN	X	2432	2432	2041 R .05781
6	2016	BONN	X	2417	2417	2031 R .05629
6	2016	BONN	X	78	78	2021 R .05440
6	2017	BONN	X	256	256	2057 R .05858
6	2017	BONN	X	66252	66252	2052 R .05858
6	2018	BONN	X	6	6	2025 R .05478
6	2021	BONN	X	60771	60771	2061 R .05858
6	2021	BONN	X	105	105	2031 R .05553
6	2021	BONN	X	583	583	2041 R .05705
6	2021	BONN	X	78	78	2026 R .05440
6	2022	BONN	X	59215	59215	2062 R .05858
6	2025	BONN	X	137	137	2037 R .05583
6	2025	BONN	X	6	6	2032 R .05478
6	2026	BONN	X	78	78	2031 R .05440
6	2027	BONN	X	1048	1048	2042 R .05629

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6	2027	BONN X	907	907	2072 R	.05858
6	2027	BONN X	13	13	2052 R	.05781
6	2027	BONN X	387	387	2077 R	.05858
6	2031	BONN X	78	78	2036 R	.05440
6	2031	BONN X	105	105	2041 R	.05553
6	2031	BONN X	1047	1047	2076 R	.05858
6	2031	BONN X	2417	2417	2046 R	.05629
6	2032	BONN X	6	6	2039 R	.05478
6	2032	BONN X	12835	12835	2082 R	.05858
6	2032	BONN X	4021	4021	2057 R	.05781
6	2036	BONN X	78	78	2041 R	.05440
6	2037	BONN X	137	137	2049 R	.05583
6	2039	BONN X	6	6	2046 R	.05478
6	2041	BONN X	2432	2432	2066 R	.05781
6	2041	BONN X	583	583	2061 R	.05705
6	2041	BONN X	20205	20205	2091 R	.05858
6	2041	BONN X	78	78	2046 R	.05440
6	2041	BONN X	105	105	2051 R	.05553
6	2042	BONN X	1048	1048	2057 R	.05629
6	2046	BONN X	6	6	2053 R	.05478
6	2046	BONN X	2417	2417	2061 R	.05629
6	2046	BONN X	68928	68928	2081 R	.05858
6	2046	BONN X	78	78	2051 R	.05440
6	2047	BONN X	50	50	2082 R	.05858
6	2049	BONN X	137	137	2061 R	.05583
6	2002	CHIE X	1271	1271	2017 R	.05629
6	2003	CHIE X	304	304	2028 R	.05781
6	2007	CHIE X	36	36	2017 R	.05553
6	2007	CHIE X	3731	3731	2032 R	.05781
6	2007	CHIE X	10393	10393	2057 R	.05858
6	2008	CHIE X	180	180	2023 R	.05629
6	2013	CHIE X	62045	62045	2048 R	.05858
6	2017	CHIE X	36	36	2027 R	.05553
6	2017	CHIE X	1271	1271	2032 R	.05629
6	2017	CHIE X	1942	1942	2037 R	.05705
6	2018	CHIE X	630	630	2038 R	.05705
6	2018	CHIE X	39648	39648	2058 R	.05858
6	2023	CHIE X	180	180	2038 R	.05629
6	2027	CHIE X	36	36	2037 R	.05553

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6	2027	CHIE X	51186	51186	2062 R	.05858
6	2028	CHIE X	10963	10963	2078 R	.05858
6	2028	CHIE X	304	304	2053 R	.05781
6	2032	CHIE X	1271	1271	2047 R	.05629
6	2032	CHIE X	3731	3731	2057 R	.05781
6	2037	CHIE X	36	36	2047 R	.05553
6	2037	CHIE X	24618	24618	2077 R	.05858
6	2037	CHIE X	1942	1942	2057 R	.05705
6	2038	CHIE X	630	630	2058 R	.05705
6	2038	CHIE X	180	180	2053 R	.05629
6	2047	CHIE X	36	36	2057 R	.05553
6	2047	CHIE X	1271	1271	2062 R	.05629
6	2048	CHIE X	62045	62045	2083 R	.05858
6	2003	COLU X	50459	50459	2028 R	.05781
6	2007	COLU X	776	776	2022 R	.05629
6	2007	COLU X	1919	1919	2037 R	.05858
6	2007	COLU X	4335	4335	2027 R	.05705
6	2008	COLU X	2153	2153	2038 R	.05858
6	2008	COLU X	1047	1047	2023 R	.05629
6	2013	COLU X	50292	50292	2048 R	.05858
6	2017	COLU X	36325	36325	2052 R	.05858
6	2018	COLU X	5071	5071	2038 R	.05705
6	2018	COLU X	175589	175589	2058 R	.05858
6	2022	COLU X	42907	42907	2047 R	.05781
6	2022	COLU X	776	776	2037 R	.05629
6	2023	COLU X	1047	1047	2038 R	.05629
6	2023	COLU X	54772	54772	2068 R	.05858
6	2027	COLU X	40907	40907	2067 R	.05858
6	2027	COLU X	4335	4335	2047 R	.05705
6	2028	COLU X	50459	50459	2053 R	.05781
6	2028	COLU X	106681	106681	2078 R	.05858
6	2037	COLU X	776	776	2052 R	.05629
6	2037	COLU X	1919	1919	2067 R	.05858
6	2037	COLU X	42847	42847	2082 R	.05858
6	2038	COLU X	1047	1047	2053 R	.05629
6	2038	COLU X	2153	2153	2068 R	.05858
6	2038	COLU X	5071	5071	2058 R	.05705
6	2047	COLU X	42907	42907	2072 R	.05781
6	2047	COLU X	4335	4335	2067 R	.05705

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6	2047	COLU X	137652	137652	2097 R	.05858
6	2048	COLU X	50292	50292	2083 R	.05858
6	2004	COUG X	3	3	2012 R	.05503
6	2004	COUG X	67	67	2024 R	.05705
6	2004	COUG X	1489	1489	2044 R	.05858
6	2006	COUG X	2	2	2013 R	.05478
6	2009	COUG X	42	42	2024 R	.05629
6	2012	COUG X	3	3	2020 R	.05503
6	2013	COUG X	2	2	2020 R	.05478
6	2014	COUG X	607	607	2064 R	.05858
6	2014	COUG X	126	126	2039 R	.05781
6	2020	COUG X	2	2	2027 R	.05478
6	2020	COUG X	3	3	2028 R	.05503
6	2024	COUG X	42	42	2039 R	.05629
6	2024	COUG X	67	67	2044 R	.05705
6	2027	COUG X	2	2	2034 R	.05478
6	2028	COUG X	3	3	2036 R	.05503
6	2034	COUG X	2	2	2041 R	.05478
6	2034	COUG X	2376	2376	2069 R	.05858
6	2036	COUG X	3	3	2044 R	.05503
6	2039	COUG X	42	42	2054 R	.05629
6	2039	COUG X	126	126	2064 R	.05781
6	2041	COUG X	2	2	2048 R	.05478
6	2044	COUG X	1489	1489	2084 R	.05858
6	2044	COUG X	67	67	2064 R	.05705
6	2044	COUG X	3	3	2052 R	.05503
6	2048	COUG X	2	2	2055 R	.05478
6	2002	DETR X	30	30	2010 R	.05503
6	2002	DETR X	17	17	2014 R	.05583
6	2003	DETR X	4	4	2010 R	.05478
6	2004	DETR X	581	581	2029 R	.05781
6	2004	DETR X	196	196	2029 R	.05781
6	2004	DETR X	22	22	2014 R	.05553
6	2004	DETR X	2630	2630	2054 R	.05858
6	2004	DETR X	2	2	2009 R	.05440
6	2004	DETR X	532	532	2054 R	.05858
6	2009	DETR X	2	2	2014 R	.05440
6	2010	DETR X	4	4	2017 R	.05478
6	2010	DETR X	30	30	2018 R	.05503

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6	2014	DETR X	279	279	2029 R	.05629
6	2014	DETR X	17	17	2026 R	.05583
6	2014	DETR X	22	22	2024 R	.05553
6	2014	DETR X	106	106	2034 R	.05705
6	2014	DETR X	2	2	2019 R	.05440
6	2014	DETR X	87	87	2029 R	.05629
6	2017	DETR X	4	4	2024 R	.05478
6	2018	DETR X	30	30	2026 R	.05503
6	2019	DETR X	2	2	2024 R	.05440
6	2024	DETR X	22	22	2034 R	.05553
6	2024	DETR X	12082	12082	2059 R	.05858
6	2024	DETR X	2360	2360	2059 R	.05858
6	2024	DETR X	2	2	2029 R	.05440
6	2024	DETR X	4	4	2031 R	.05478
6	2026	DETR X	17	17	2038 R	.05583
6	2026	DETR X	30	30	2034 R	.05503
6	2029	DETR X	196	196	2054 R	.05781
6	2029	DETR X	87	87	2044 R	.05629
6	2029	DETR X	2	2	2034 R	.05440
6	2029	DETR X	581	581	2054 R	.05781
6	2029	DETR X	279	279	2044 R	.05629
6	2031	DETR X	4	4	2038 R	.05478
6	2034	DETR X	1416	1416	2074 R	.05858
6	2034	DETR X	2	2	2039 R	.05440
6	2034	DETR X	4589	4589	2074 R	.05858
6	2034	DETR X	106	106	2054 R	.05705
6	2034	DETR X	30	30	2042 R	.05503
6	2034	DETR X	22	22	2044 R	.05553
6	2038	DETR X	4	4	2045 R	.05478
6	2038	DETR X	17	17	2050 R	.05583
6	2039	DETR X	2	2	2044 R	.05440
6	2042	DETR X	30	30	2050 R	.05503
6	2044	DETR X	2	2	2049 R	.05440
6	2044	DETR X	22	22	2054 R	.05553
6	2044	DETR X	87	87	2059 R	.05629
6	2044	DETR X	279	279	2059 R	.05629
6	2045	DETR X	4	4	2052 R	.05478
6	2049	DETR X	2	2	2054 R	.05440
6	2050	DETR X	17	17	2062 R	.05583

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6	2050	DETR X	30	30	2058 R	.05503	
6	2001	DWOR X	17	17	2008 R	.05478	
6	2003	DWOR X	176	176	2013 R	.05553	
6	2003	DWOR X	2812	2812	2018 R	.05629	
6	2005	DWOR X	36	36	2013 R	.05503	
6	2008	DWOR X	11914	11914	2043 R	.05858	
6	2008	DWOR X	17	17	2015 R	.05478	
6	2009	DWOR X	52	52	2021 R	.05583	
6	2013	DWOR X	36	36	2021 R	.05503	
6	2013	DWOR X	176	176	2023 R	.05553	
6	2013	DWOR X	7404	7404	2053 R	.05858	
6	2013	DWOR X	3282	3282	2033 R	.05705	
6	2015	DWOR X	17	17	2022 R	.05478	
6	2018	DWOR X	2812	2812	2033 R	.05629	
6	2021	DWOR X	36	36	2029 R	.05503	
6	2021	DWOR X	52	52	2033 R	.05583	
6	2022	DWOR X	17	17	2029 R	.05478	
6	2023	DWOR X	1678	1678	2073 R	.05858	
6	2023	DWOR X	7086	7086	2048 R	.05781	
6	2023	DWOR X	176	176	2033 R	.05553	
6	2029	DWOR X	17	17	2036 R	.05478	
6	2029	DWOR X	36	36	2037 R	.05503	
6	2033	DWOR X	3282	3282	2053 R	.05705	
6	2033	DWOR X	176	176	2043 R	.05553	
6	2033	DWOR X	52	52	2045 R	.05583	
6	2033	DWOR X	2812	2812	2048 R	.05629	
6	2036	DWOR X	17	17	2043 R	.05478	
6	2037	DWOR X	36	36	2045 R	.05503	
6	2043	DWOR X	17	17	2050 R	.05478	
6	2043	DWOR X	11914	11914	2078 R	.05858	
6	2043	DWOR X	176	176	2053 R	.05553	
6	2045	DWOR X	52	52	2057 R	.05583	
6	2045	DWOR X	36	36	2053 R	.05503	
6	2048	DWOR X	7086	7086	2073 R	.05781	
6	2048	DWOR X	2812	2812	2063 R	.05629	
6	2050	DWOR X	17	17	2057 R	.05478	
6	2002	GREE X	17	17	2009 R	.05478	
6	2002	GREE X	3620	3620	2037 R	.05858	
6	2003	GREE X	1782	1782	2038 R	.05858	

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6	2007	GREE X	13	13	2015 R	.05503
6	2007	GREE X	1871	1871	2047 R	.05858
6	2007	GREE X	20	20	2017 R	.05553
6	2007	GREE X	127	127	2027 R	.05705
6	2008	GREE X	65	65	2028 R	.05705
6	2008	GREE X	1609	1609	2048 R	.05858
6	2009	GREE X	17	17	2016 R	.05478
6	2012	GREE X	916	916	2027 R	.05629
6	2013	GREE X	748	748	2028 R	.05629
6	2015	GREE X	13	13	2023 R	.05503
6	2016	GREE X	17	17	2023 R	.05478
6	2017	GREE X	20	20	2027 R	.05553
6	2017	GREE X	420	420	2042 R	.05781
6	2017	GREE X	1498	1498	2067 R	.05858
6	2018	GREE X	152	152	2043 R	.05781
6	2018	GREE X	263	263	2068 R	.05858
6	2023	GREE X	17	17	2030 R	.05478
6	2023	GREE X	13	13	2031 R	.05503
6	2027	GREE X	127	127	2047 R	.05705
6	2027	GREE X	916	916	2042 R	.05629
6	2027	GREE X	20	20	2037 R	.05553
6	2028	GREE X	65	65	2048 R	.05705
6	2028	GREE X	748	748	2043 R	.05629
6	2030	GREE X	17	17	2037 R	.05478
6	2031	GREE X	13	13	2039 R	.05503
6	2037	GREE X	17	17	2044 R	.05478
6	2037	GREE X	3620	3620	2072 R	.05858
6	2037	GREE X	20	20	2047 R	.05553
6	2038	GREE X	1782	1782	2073 R	.05858
6	2039	GREE X	13	13	2047 R	.05503
6	2042	GREE X	420	420	2067 R	.05781
6	2042	GREE X	916	916	2057 R	.05629
6	2043	GREE X	748	748	2058 R	.05629
6	2043	GREE X	152	152	2068 R	.05781
6	2044	GREE X	17	17	2051 R	.05478
6	2047	GREE X	20	20	2057 R	.05553
6	2047	GREE X	127	127	2067 R	.05705
6	2047	GREE X	1871	1871	2087 R	.05858
6	2047	GREE X	13	13	2055 R	.05503

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6	2048	GREE X	65	65	2068 R	.05705
6	2048	GREE X	1609	1609	2088 R	.05858
6	2002	HILL X	47	47	2022 R	.05705
6	2002	HILL X	1517	1517	2042 R	.05858
6	2007	HILL X	83	83	2052 R	.05858
6	2007	HILL X	458	458	2022 R	.05629
6	2012	HILL X	145	145	2037 R	.05781
6	2012	HILL X	480	480	2062 R	.05858
6	2022	HILL X	47	47	2042 R	.05705
6	2022	HILL X	458	458	2037 R	.05629
6	2032	HILL X	2265	2265	2067 R	.05858
6	2037	HILL X	145	145	2062 R	.05781
6	2037	HILL X	458	458	2052 R	.05629
6	2042	HILL X	47	47	2062 R	.05705
6	2042	HILL X	1517	1517	2082 R	.05858
6	2003	HUNG X	42344	42344	2053 R	.05858
6	2003	HUNG X	9840	9840	2028 R	.05781
6	2013	HUNG X	647	647	2033 R	.05705
6	2013	HUNG X	434	434	2043 R	.05858
6	2013	HUNG X	430	430	2028 R	.05629
6	2023	HUNG X	3072	3072	2058 R	.05858
6	2028	HUNG X	430	430	2043 R	.05629
6	2028	HUNG X	9840	9840	2053 R	.05781
6	2033	HUNG X	5626	5626	2073 R	.05858
6	2033	HUNG X	647	647	2053 R	.05705
6	2043	HUNG X	434	434	2073 R	.05858
6	2043	HUNG X	430	430	2058 R	.05629
6	2043	HUNG X	6177	6177	2088 R	.05858
6	2001	ICEH X	41	41	2026 R	.05781
6	2002	ICEH X	25	25	2010 R	.05503
6	2002	ICEH X	77	77	2012 R	.05553
6	2002	ICEH X	1395	1395	2022 R	.05705
6	2002	ICEH X	11132	11132	2042 R	.05858
6	2004	ICEH X	14	14	2011 R	.05478
6	2007	ICEH X	802	802	2022 R	.05629
6	2007	ICEH X	162	162	2052 R	.05858
6	2010	ICEH X	25	25	2018 R	.05503
6	2011	ICEH X	14	14	2018 R	.05478
6	2011	ICEH X	6206	6206	2046 R	.05858

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6	2012	ICEH X	3780	3780	2062 R	.05858
6	2012	ICEH X	1522	1522	2037 R	.05781
6	2012	ICEH X	77	77	2022 R	.05553
6	2016	ICEH X	4164	4164	2056 R	.05858
6	2016	ICEH X	187	187	2036 R	.05705
6	2018	ICEH X	25	25	2026 R	.05503
6	2018	ICEH X	14	14	2025 R	.05478
6	2021	ICEH X	26	26	2066 R	.05858
6	2022	ICEH X	77	77	2032 R	.05553
6	2022	ICEH X	1395	1395	2042 R	.05705
6	2022	ICEH X	568	568	2052 R	.05858
6	2022	ICEH X	802	802	2037 R	.05629
6	2025	ICEH X	14	14	2032 R	.05478
6	2026	ICEH X	1196	1196	2076 R	.05858
6	2026	ICEH X	25	25	2034 R	.05503
6	2026	ICEH X	41	41	2051 R	.05781
6	2032	ICEH X	77	77	2042 R	.05553
6	2032	ICEH X	16171	16171	2067 R	.05858
6	2032	ICEH X	14	14	2039 R	.05478
6	2034	ICEH X	25	25	2042 R	.05503
6	2036	ICEH X	187	187	2056 R	.05705
6	2037	ICEH X	802	802	2052 R	.05629
6	2037	ICEH X	1522	1522	2062 R	.05781
6	2039	ICEH X	14	14	2046 R	.05478
6	2042	ICEH X	1395	1395	2062 R	.05705
6	2042	ICEH X	77	77	2052 R	.05553
6	2042	ICEH X	11132	11132	2082 R	.05858
6	2042	ICEH X	25	25	2050 R	.05503
6	2046	ICEH X	14	14	2053 R	.05478
6	2046	ICEH X	6206	6206	2081 R	.05858
6	2050	ICEH X	25	25	2058 R	.05503
6	2005	JOHN X	43611	43611	2040 R	.05858
6	2005	JOHN X	4	4	2012 R	.05478
6	2005	JOHN X	26	26	2010 R	.05440
6	2006	JOHN X	150	150	2018 R	.05583
6	2010	JOHN X	27187	27187	2050 R	.05858
6	2010	JOHN X	614	614	2030 R	.05705
6	2010	JOHN X	26	26	2015 R	.05440
6	2010	JOHN X	39	39	2020 R	.05553

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6	2012	JOHN X	4	4	2019 R	.05478
6	2015	JOHN X	26	26	2020 R	.05440
6	2015	JOHN X	1878	1878	2030 R	.05629
6	2018	JOHN X	150	150	2030 R	.05583
6	2019	JOHN X	4	4	2026 R	.05478
6	2020	JOHN X	26	26	2025 R	.05440
6	2020	JOHN X	39	39	2030 R	.05553
6	2020	JOHN X	3329	3329	2045 R	.05781
6	2020	JOHN X	8818	8818	2070 R	.05858
6	2025	JOHN X	26	26	2030 R	.05440
6	2026	JOHN X	4	4	2033 R	.05478
6	2030	JOHN X	26	26	2035 R	.05440
6	2030	JOHN X	509	509	2060 R	.05858
6	2030	JOHN X	39	39	2040 R	.05553
6	2030	JOHN X	1878	1878	2045 R	.05629
6	2030	JOHN X	614	614	2050 R	.05705
6	2030	JOHN X	150	150	2042 R	.05583
6	2033	JOHN X	4	4	2040 R	.05478
6	2035	JOHN X	26	26	2040 R	.05440
6	2040	JOHN X	26	26	2045 R	.05440
6	2040	JOHN X	4	4	2047 R	.05478
6	2040	JOHN X	43611	43611	2075 R	.05858
6	2040	JOHN X	39	39	2050 R	.05553
6	2042	JOHN X	150	150	2054 R	.05583
6	2045	JOHN X	3329	3329	2070 R	.05781
6	2045	JOHN X	26	26	2050 R	.05440
6	2045	JOHN X	1878	1878	2060 R	.05629
6	2047	JOHN X	4	4	2054 R	.05478
6	2050	JOHN X	39	39	2060 R	.05553
6	2050	JOHN X	27187	27187	2090 R	.05858
6	2050	JOHN X	614	614	2070 R	.05705
6	2050	JOHN X	26	26	2055 R	.05440
6	2001	LIBB X	2340	2340	2026 R	.05781
6	2004	LIBB X	61	61	2011 R	.05478
6	2006	LIBB X	61	61	2016 R	.05553
6	2006	LIBB X	1687	1687	2021 R	.05629
6	2010	LIBB X	249	249	2035 R	.05781
6	2011	LIBB X	9330	9330	2046 R	.05858
6	2011	LIBB X	61	61	2018 R	.05478

					Prtg.txt	
6	2015	LIBB X	185	185	2030 R	.05629
6	2016	LIBB X	13936	13936	2056 R	.05858
6	2016	LIBB X	61	61	2026 R	.05553
6	2016	LIBB X	593	593	2036 R	.05705
6	2018	LIBB X	61	61	2025 R	.05478
6	2020	LIBB X	6755	6755	2055 R	.05858
6	2021	LIBB X	1687	1687	2036 R	.05629
6	2025	LIBB X	61	61	2032 R	.05478
6	2025	LIBB X	7009	7009	2065 R	.05858
6	2026	LIBB X	61	61	2036 R	.05553
6	2026	LIBB X	2340	2340	2051 R	.05781
6	2026	LIBB X	2973	2973	2076 R	.05858
6	2030	LIBB X	185	185	2045 R	.05629
6	2032	LIBB X	61	61	2039 R	.05478
6	2035	LIBB X	249	249	2060 R	.05781
6	2035	LIBB X	4628	4628	2085 R	.05858
6	2036	LIBB X	1687	1687	2051 R	.05629
6	2036	LIBB X	61	61	2046 R	.05553
6	2036	LIBB X	593	593	2056 R	.05705
6	2039	LIBB X	61	61	2046 R	.05478
6	2045	LIBB X	185	185	2060 R	.05629
6	2046	LIBB X	61	61	2053 R	.05478
6	2046	LIBB X	9330	9330	2081 R	.05858
6	2046	LIBB X	61	61	2056 R	.05553
6	2001	LITT X	11	11	2011 R	.05553
6	2001	LITT X	233	233	2031 R	.05858
6	2001	LITT X	1495	1495	2016 R	.05629
6	2003	LITT X	39	39	2011 R	.05503
6	2003	LITT X	36	36	2028 R	.05781
6	2006	LITT X	12076	12076	2041 R	.05858
6	2006	LITT X	22	22	2013 R	.05478
6	2008	LITT X	1000	1000	2018 R	.05553
6	2011	LITT X	428	428	2031 R	.05705
6	2011	LITT X	10134	10134	2051 R	.05858
6	2011	LITT X	11	11	2021 R	.05553
6	2011	LITT X	39	39	2019 R	.05503
6	2013	LITT X	9423	9423	2048 R	.05858
6	2013	LITT X	22	22	2020 R	.05478
6	2016	LITT X	1495	1495	2031 R	.05629

				Prtg.txt		
6	2018	LITT X	8450	8450	2058 R	.05858
6	2018	LITT X	186	186	2038 R	.05705
6	2018	LITT X	1000	1000	2028 R	.05553
6	2019	LITT X	39	39	2027 R	.05503
6	2020	LITT X	22	22	2027 R	.05478
6	2021	LITT X	3426	3426	2071 R	.05858
6	2021	LITT X	939	939	2046 R	.05781
6	2021	LITT X	11	11	2031 R	.05553
6	2023	LITT X	121	121	2068 R	.05858
6	2027	LITT X	39	39	2035 R	.05503
6	2027	LITT X	22	22	2034 R	.05478
6	2028	LITT X	1640	1640	2078 R	.05858
6	2028	LITT X	36	36	2053 R	.05781
6	2028	LITT X	1000	1000	2038 R	.05553
6	2031	LITT X	1495	1495	2046 R	.05629
6	2031	LITT X	428	428	2051 R	.05705
6	2031	LITT X	11	11	2041 R	.05553
6	2031	LITT X	233	233	2061 R	.05858
6	2034	LITT X	22	22	2041 R	.05478
6	2035	LITT X	39	39	2043 R	.05503
6	2038	LITT X	1000	1000	2048 R	.05553
6	2038	LITT X	186	186	2058 R	.05705
6	2041	LITT X	12076	12076	2076 R	.05858
6	2041	LITT X	22	22	2048 R	.05478
6	2041	LITT X	11	11	2051 R	.05553
6	2043	LITT X	39	39	2051 R	.05503
6	2046	LITT X	939	939	2071 R	.05781
6	2046	LITT X	1495	1495	2061 R	.05629
6	2048	LITT X	1000	1000	2058 R	.05553
6	2048	LITT X	22	22	2055 R	.05478
6	2048	LITT X	9423	9423	2083 R	.05858
6	2003	LOOK X	6	6	2011 R	.05503
6	2003	LOOK X	37	37	2015 R	.05583
6	2004	LOOK X	14	14	2011 R	.05478
6	2005	LOOK X	479	479	2055 R	.05858
6	2005	LOOK X	3836	3836	2055 R	.05858
6	2005	LOOK X	101	101	2015 R	.05553
6	2005	LOOK X	508	508	2030 R	.05781
6	2011	LOOK X	14	14	2018 R	.05478

						Prtg.txt	
6	2011	LOOK X	6	6	2019 R	.05503	
6	2015	LOOK X	33	33	2035 R	.05705	
6	2015	LOOK X	37	37	2027 R	.05583	
6	2015	LOOK X	417	417	2035 R	.05705	
6	2015	LOOK X	101	101	2025 R	.05553	
6	2015	LOOK X	72	72	2030 R	.05629	
6	2015	LOOK X	410	410	2030 R	.05629	
6	2018	LOOK X	14	14	2025 R	.05478	
6	2019	LOOK X	6	6	2027 R	.05503	
6	2025	LOOK X	10072	10072	2060 R	.05858	
6	2025	LOOK X	2019	2019	2060 R	.05858	
6	2025	LOOK X	14	14	2032 R	.05478	
6	2025	LOOK X	101	101	2035 R	.05553	
6	2027	LOOK X	6	6	2035 R	.05503	
6	2027	LOOK X	37	37	2039 R	.05583	
6	2030	LOOK X	72	72	2045 R	.05629	
6	2030	LOOK X	508	508	2055 R	.05781	
6	2030	LOOK X	410	410	2045 R	.05629	
6	2032	LOOK X	14	14	2039 R	.05478	
6	2035	LOOK X	101	101	2045 R	.05553	
6	2035	LOOK X	33	33	2055 R	.05705	
6	2035	LOOK X	2187	2187	2075 R	.05858	
6	2035	LOOK X	417	417	2055 R	.05705	
6	2035	LOOK X	5261	5261	2075 R	.05858	
6	2035	LOOK X	6	6	2043 R	.05503	
6	2039	LOOK X	14	14	2046 R	.05478	
6	2039	LOOK X	37	37	2051 R	.05583	
6	2043	LOOK X	6	6	2051 R	.05503	
6	2045	LOOK X	101	101	2055 R	.05553	
6	2045	LOOK X	410	410	2060 R	.05629	
6	2045	LOOK X	72	72	2060 R	.05629	
6	2046	LOOK X	14	14	2053 R	.05478	
6	2002	LOST X	154	154	2027 R	.05781	
6	2005	LOST X	1	1	2012 R	.05478	
6	2007	LOST X	4	4	2017 R	.05553	
6	2007	LOST X	17	17	2037 R	.05858	
6	2007	LOST X	35	35	2022 R	.05629	
6	2012	LOST X	1462	1462	2047 R	.05858	
6	2012	LOST X	1	1	2019 R	.05478	

						Prtg.txt
6	2017	LOST X	4	4	2027 R	.05553
6	2017	LOST X	1141	1141	2057 R	.05858
6	2017	LOST X	71	71	2037 R	.05705
6	2019	LOST X	1	1	2026 R	.05478
6	2022	LOST X	35	35	2037 R	.05629
6	2022	LOST X	494	494	2067 R	.05858
6	2026	LOST X	1	1	2033 R	.05478
6	2027	LOST X	4	4	2037 R	.05553
6	2027	LOST X	558	558	2077 R	.05858
6	2027	LOST X	154	154	2052 R	.05781
6	2033	LOST X	1	1	2040 R	.05478
6	2037	LOST X	71	71	2057 R	.05705
6	2037	LOST X	35	35	2052 R	.05629
6	2037	LOST X	4	4	2047 R	.05553
6	2037	LOST X	17	17	2067 R	.05858
6	2040	LOST X	1	1	2047 R	.05478
6	2047	LOST X	4	4	2057 R	.05553
6	2047	LOST X	1462	1462	2082 R	.05858
6	2047	LOST X	1	1	2054 R	.05478
6	2003	LOWG X	23	23	2010 R	.05478
6	2003	LOWG X	112	112	2028 R	.05781
6	2005	LOWG X	2439	2439	2020 R	.05629
6	2005	LOWG X	642	642	2035 R	.05858
6	2005	LOWG X	856	856	2015 R	.05553
6	2007	LOWG X	31	31	2015 R	.05503
6	2008	LOWG X	301	301	2023 R	.05629
6	2010	LOWG X	23	23	2017 R	.05478
6	2010	LOWG X	8134	8134	2045 R	.05858
6	2011	LOWG X	20	20	2023 R	.05583
6	2013	LOWG X	9580	9580	2048 R	.05858
6	2015	LOWG X	6784	6784	2055 R	.05858
6	2015	LOWG X	31	31	2023 R	.05503
6	2015	LOWG X	856	856	2025 R	.05553
6	2015	LOWG X	981	981	2035 R	.05705
6	2017	LOWG X	23	23	2024 R	.05478
6	2018	LOWG X	301	301	2038 R	.05705
6	2018	LOWG X	7440	7440	2058 R	.05858
6	2020	LOWG X	2439	2439	2035 R	.05629
6	2023	LOWG X	301	301	2038 R	.05629

						Prtg.txt
6	2023	LOWG X	31	31	2031 R	.05503
6	2023	LOWG X	20	20	2035 R	.05583
6	2024	LOWG X	23	23	2031 R	.05478
6	2025	LOWG X	199	199	2050 R	.05781
6	2025	LOWG X	856	856	2035 R	.05553
6	2025	LOWG X	1521	1521	2075 R	.05858
6	2028	LOWG X	1588	1588	2078 R	.05858
6	2028	LOWG X	112	112	2053 R	.05781
6	2031	LOWG X	23	23	2038 R	.05478
6	2031	LOWG X	31	31	2039 R	.05503
6	2035	LOWG X	2439	2439	2050 R	.05629
6	2035	LOWG X	642	642	2065 R	.05858
6	2035	LOWG X	20	20	2047 R	.05583
6	2035	LOWG X	856	856	2045 R	.05553
6	2035	LOWG X	981	981	2055 R	.05705
6	2038	LOWG X	301	301	2053 R	.05629
6	2038	LOWG X	23	23	2045 R	.05478
6	2038	LOWG X	301	301	2058 R	.05705
6	2039	LOWG X	31	31	2047 R	.05503
6	2045	LOWG X	8134	8134	2080 R	.05858
6	2045	LOWG X	23	23	2052 R	.05478
6	2045	LOWG X	856	856	2055 R	.05553
6	2047	LOWG X	20	20	2059 R	.05583
6	2047	LOWG X	31	31	2055 R	.05503
6	2048	LOWG X	9580	9580	2083 R	.05858
6	2050	LOWG X	2439	2439	2065 R	.05629
6	2050	LOWG X	199	199	2075 R	.05781
6	2001	LOWM X	43	43	2009 R	.05503
6	2004	LOWM X	39	39	2029 R	.05781
6	2004	LOWM X	22	22	2011 R	.05478
6	2004	LOWM X	9896	9896	2039 R	.05858
6	2009	LOWM X	43	43	2017 R	.05503
6	2009	LOWM X	296	296	2029 R	.05705
6	2009	LOWM X	11	11	2019 R	.05553
6	2009	LOWM X	10138	10138	2049 R	.05858
6	2011	LOWM X	22	22	2018 R	.05478
6	2014	LOWM X	9103	9103	2049 R	.05858
6	2014	LOWM X	1942	1942	2029 R	.05629
6	2017	LOWM X	43	43	2025 R	.05503

						Prtg.txt
6	2018	LOWM X	22	22	2025 R	.05478
6	2019	LOWM X	3957	3957	2069 R	.05858
6	2019	LOWM X	6609	6609	2059 R	.05858
6	2019	LOWM X	298	298	2039 R	.05705
6	2019	LOWM X	820	820	2044 R	.05781
6	2019	LOWM X	11	11	2029 R	.05553
6	2024	LOWM X	108	108	2069 R	.05858
6	2025	LOWM X	43	43	2033 R	.05503
6	2025	LOWM X	22	22	2032 R	.05478
6	2029	LOWM X	11	11	2039 R	.05553
6	2029	LOWM X	296	296	2049 R	.05705
6	2029	LOWM X	1607	1607	2079 R	.05858
6	2029	LOWM X	1942	1942	2044 R	.05629
6	2029	LOWM X	39	39	2054 R	.05781
6	2029	LOWM X	237	237	2059 R	.05858
6	2032	LOWM X	22	22	2039 R	.05478
6	2033	LOWM X	43	43	2041 R	.05503
6	2039	LOWM X	9896	9896	2074 R	.05858
6	2039	LOWM X	11	11	2049 R	.05553
6	2039	LOWM X	298	298	2059 R	.05705
6	2039	LOWM X	22	22	2046 R	.05478
6	2041	LOWM X	43	43	2049 R	.05503
6	2044	LOWM X	1942	1942	2059 R	.05629
6	2044	LOWM X	820	820	2069 R	.05781
6	2046	LOWM X	22	22	2053 R	.05478
6	2049	LOWM X	9103	9103	2084 R	.05858
6	2049	LOWM X	10138	10138	2089 R	.05858
6	2049	LOWM X	11	11	2059 R	.05553
6	2049	LOWM X	43	43	2057 R	.05503
6	2049	LOWM X	296	296	2069 R	.05705
6	2003	LSFW X	997	997	2013 R	.05553
6	2003	LSFW X	46	46	2008 R	.05440
6	2003	LSFW X	5011	5011	2023 R	.05705
6	2004	LSFW X	548	548	2011 R	.05478
6	2007	LSFW X	500	500	2019 R	.05583
6	2007	LSFW X	105	105	2015 R	.05503
6	2008	LSFW X	46	46	2013 R	.05440
6	2008	LSFW X	969	969	2033 R	.05781
6	2011	LSFW X	548	548	2018 R	.05478

						Prtg.txt
6	2013	LSFW X	2128	2128	2043 R	.05858
6	2013	LSFW X	1078	1078	2028 R	.05629
6	2013	LSFW X	46	46	2018 R	.05440
6	2013	LSFW X	997	997	2023 R	.05553
6	2015	LSFW X	105	105	2023 R	.05503
6	2018	LSFW X	1094	1094	2053 R	.05858
6	2018	LSFW X	548	548	2025 R	.05478
6	2018	LSFW X	46	46	2023 R	.05440
6	2019	LSFW X	500	500	2031 R	.05583
6	2023	LSFW X	6901	6901	2063 R	.05858
6	2023	LSFW X	5011	5011	2043 R	.05705
6	2023	LSFW X	105	105	2031 R	.05503
6	2023	LSFW X	997	997	2033 R	.05553
6	2023	LSFW X	46	46	2028 R	.05440
6	2025	LSFW X	548	548	2032 R	.05478
6	2028	LSFW X	46	46	2033 R	.05440
6	2028	LSFW X	1030	1030	2073 R	.05858
6	2028	LSFW X	1078	1078	2043 R	.05629
6	2031	LSFW X	105	105	2039 R	.05503
6	2031	LSFW X	500	500	2043 R	.05583
6	2032	LSFW X	548	548	2039 R	.05478
6	2033	LSFW X	46	46	2038 R	.05440
6	2033	LSFW X	16100	16100	2083 R	.05858
6	2033	LSFW X	969	969	2058 R	.05781
6	2033	LSFW X	997	997	2043 R	.05553
6	2038	LSFW X	46	46	2043 R	.05440
6	2039	LSFW X	105	105	2047 R	.05503
6	2039	LSFW X	548	548	2046 R	.05478
6	2043	LSFW X	997	997	2053 R	.05553
6	2043	LSFW X	2128	2128	2073 R	.05858
6	2043	LSFW X	46	46	2048 R	.05440
6	2043	LSFW X	5011	5011	2063 R	.05705
6	2043	LSFW X	500	500	2055 R	.05583
6	2043	LSFW X	1078	1078	2058 R	.05629
6	2046	LSFW X	548	548	2053 R	.05478
6	2047	LSFW X	105	105	2055 R	.05503
6	2048	LSFW X	46	46	2053 R	.05440
6	2003	MCNA X	57	57	2011 R	.05503
6	2003	MCNA X	97	97	2015 R	.05583

						Prtg.txt		
6	2004	MCNA	X	28	28	2011	R	.05478
6	2005	MCNA	X	156	156	2015	R	.05553
6	2005	MCNA	X	19343	19343	2055	R	.05858
6	2005	MCNA	X	878	878	2030	R	.05781
6	2011	MCNA	X	57	57	2019	R	.05503
6	2011	MCNA	X	28	28	2018	R	.05478
6	2015	MCNA	X	97	97	2027	R	.05583
6	2015	MCNA	X	440	440	2030	R	.05629
6	2015	MCNA	X	1188	1188	2035	R	.05705
6	2015	MCNA	X	156	156	2025	R	.05553
6	2018	MCNA	X	28	28	2025	R	.05478
6	2019	MCNA	X	57	57	2027	R	.05503
6	2025	MCNA	X	156	156	2035	R	.05553
6	2025	MCNA	X	60731	60731	2060	R	.05858
6	2025	MCNA	X	28	28	2032	R	.05478
6	2027	MCNA	X	97	97	2039	R	.05583
6	2027	MCNA	X	57	57	2035	R	.05503
6	2030	MCNA	X	878	878	2055	R	.05781
6	2030	MCNA	X	440	440	2045	R	.05629
6	2032	MCNA	X	28	28	2039	R	.05478
6	2035	MCNA	X	1188	1188	2055	R	.05705
6	2035	MCNA	X	156	156	2045	R	.05553
6	2035	MCNA	X	57	57	2043	R	.05503
6	2035	MCNA	X	31161	31161	2075	R	.05858
6	2039	MCNA	X	28	28	2046	R	.05478
6	2039	MCNA	X	97	97	2051	R	.05583
6	2043	MCNA	X	57	57	2051	R	.05503
6	2045	MCNA	X	440	440	2060	R	.05629
6	2045	MCNA	X	156	156	2055	R	.05553
6	2046	MCNA	X	28	28	2053	R	.05478
6	2002	MINI	X	3681	3681	2047	R	.05858
6	2002	MINI	X	117	117	2017	R	.05629
6	2007	MINI	X	78	78	2022	R	.05629
6	2007	MINI	X	15	15	2017	R	.05553
6	2007	MINI	X	5619	5619	2052	R	.05858
6	2007	MINI	X	2152	2152	2032	R	.05781
6	2007	MINI	X	6530	6530	2057	R	.05858
6	2007	MINI	X	65	65	2037	R	.05858
6	2017	MINI	X	255	255	2037	R	.05705

						Prtg.txt	
6	2017	MINI X	80	80	2047 R	.05858	
6	2017	MINI X	15	15	2027 R	.05553	
6	2017	MINI X	1802	1802	2042 R	.05781	
6	2017	MINI X	4353	4353	2067 R	.05858	
6	2017	MINI X	86	86	2037 R	.05705	
6	2017	MINI X	117	117	2032 R	.05629	
6	2022	MINI X	2855	2855	2057 R	.05858	
6	2022	MINI X	78	78	2037 R	.05629	
6	2027	MINI X	679	679	2062 R	.05858	
6	2027	MINI X	15	15	2037 R	.05553	
6	2032	MINI X	2152	2152	2057 R	.05781	
6	2032	MINI X	117	117	2047 R	.05629	
6	2037	MINI X	15	15	2047 R	.05553	
6	2037	MINI X	86	86	2057 R	.05705	
6	2037	MINI X	1503	1503	2077 R	.05858	
6	2037	MINI X	78	78	2052 R	.05629	
6	2037	MINI X	255	255	2057 R	.05705	
6	2037	MINI X	65	65	2067 R	.05858	
6	2037	MINI X	5798	5798	2077 R	.05858	
6	2042	MINI X	1802	1802	2067 R	.05781	
6	2047	MINI X	3681	3681	2092 R	.05858	
6	2047	MINI X	117	117	2062 R	.05629	
6	2047	MINI X	80	80	2077 R	.05858	
6	2047	MINI X	15	15	2057 R	.05553	
6	2001	THED X	45	45	2008 R	.05478	
6	2003	THED X	1741	1741	2018 R	.05629	
6	2004	THED X	1198	1198	2019 R	.05629	
6	2004	THED X	41	41	2009 R	.05440	
6	2007	THED X	9	9	2019 R	.05583	
6	2007	THED X	67	67	2015 R	.05503	
6	2008	THED X	45	45	2015 R	.05478	
6	2008	THED X	18230	18230	2043 R	.05858	
6	2009	THED X	2418	2418	2034 R	.05781	
6	2009	THED X	41	41	2014 R	.05440	
6	2009	THED X	18414	18414	2059 R	.05858	
6	2009	THED X	1	1	2019 R	.05553	
6	2013	THED X	1847	1847	2033 R	.05705	
6	2013	THED X	14760	14760	2053 R	.05858	
6	2014	THED X	41	41	2019 R	.05440	

						Prtg.txt
6	2015	THED X	67	67	2023 R	.05503
6	2015	THED X	45	45	2022 R	.05478
6	2018	THED X	1741	1741	2033 R	.05629
6	2019	THED X	1178	1178	2039 R	.05705
6	2019	THED X	41	41	2024 R	.05440
6	2019	THED X	9	9	2031 R	.05583
6	2019	THED X	1198	1198	2034 R	.05629
6	2019	THED X	1	1	2029 R	.05553
6	2022	THED X	45	45	2029 R	.05478
6	2023	THED X	214	214	2048 R	.05781
6	2023	THED X	5484	5484	2073 R	.05858
6	2023	THED X	67	67	2031 R	.05503
6	2024	THED X	41	41	2029 R	.05440
6	2029	THED X	41	41	2034 R	.05440
6	2029	THED X	45	45	2036 R	.05478
6	2029	THED X	1	1	2039 R	.05553
6	2029	THED X	66214	66214	2064 R	.05858
6	2031	THED X	67	67	2039 R	.05503
6	2031	THED X	9	9	2043 R	.05583
6	2033	THED X	1847	1847	2053 R	.05705
6	2033	THED X	1741	1741	2048 R	.05629
6	2034	THED X	41	41	2039 R	.05440
6	2034	THED X	2418	2418	2059 R	.05781
6	2034	THED X	1198	1198	2049 R	.05629
6	2036	THED X	45	45	2043 R	.05478
6	2039	THED X	67	67	2047 R	.05503
6	2039	THED X	1	1	2049 R	.05553
6	2039	THED X	1178	1178	2059 R	.05705
6	2039	THED X	41	41	2044 R	.05440
6	2039	THED X	41807	41807	2079 R	.05858
6	2043	THED X	9	9	2055 R	.05583
6	2043	THED X	45	45	2050 R	.05478
6	2043	THED X	18230	18230	2078 R	.05858
6	2044	THED X	41	41	2049 R	.05440
6	2047	THED X	67	67	2055 R	.05503
6	2048	THED X	1741	1741	2063 R	.05629
6	2048	THED X	214	214	2073 R	.05781
6	2049	THED X	1	1	2059 R	.05553
6	2049	THED X	41	41	2054 R	.05440

				Prtg.txt			
6	2049	THED X	1198	1198	2064 R		.05629
6	2050	THED X	45	45	2057 R		.05478
6	2001	YAKC X	709	709	2046 R		.05858
6	2001	YAKC X	23	23	2016 R		.05629
6	2006	YAKC X	55	55	2016 R		.05553
6	2006	YAKC X	864	864	2031 R		.05781
6	2006	YAKC X	3027	3027	2056 R		.05858
6	2016	YAKC X	55	55	2026 R		.05553
6	2016	YAKC X	23	23	2031 R		.05629
6	2016	YAKC X	55	55	2046 R		.05858
6	2016	YAKC X	83	83	2036 R		.05705
6	2026	YAKC X	439	439	2061 R		.05858
6	2026	YAKC X	55	55	2036 R		.05553
6	2031	YAKC X	864	864	2056 R		.05781
6	2031	YAKC X	23	23	2046 R		.05629
6	2036	YAKC X	55	55	2046 R		.05553
6	2036	YAKC X	83	83	2056 R		.05705
6	2036	YAKC X	457	457	2076 R		.05858
6	2046	YAKC X	55	55	2076 R		.05858
6	2046	YAKC X	23	23	2061 R		.05629
6	2046	YAKC X	709	709	2091 R		.05858
6	2046	YAKC X	55	55	2056 R		.05553
6	2003	YAKR X	2	2	2018 R		.05629
6	2003	YAKR X	193	193	2048 R		.05858
6	2008	YAKR X	338	338	2058 R		.05858
6	2008	YAKR X	97	97	2033 R		.05781
6	2018	YAKR X	2	2	2033 R		.05629
6	2018	YAKR X	4	4	2048 R		.05858
6	2018	YAKR X	8	8	2038 R		.05705
6	2028	YAKR X	60	60	2063 R		.05858
6	2033	YAKR X	97	97	2058 R		.05781
6	2033	YAKR X	2	2	2048 R		.05629
6	2038	YAKR X	8	8	2058 R		.05705
6	2038	YAKR X	116	116	2078 R		.05858
6	2048	YAKR X	4	4	2078 R		.05858
6	2048	YAKR X	193	193	2093 R		.05858
6	2048	YAKR X	2	2	2063 R		.05629

BPA REPLACEMENTS

INSERVICE DATE	PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	DATE DUE	INTEREST RATE
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NUMBER OF INVESTMENTS FOR THIS STUDY IS 2186

1
1

REPAYMENT STUDY FOR 1996 SUPPLEMENTAL RATE PROPOSAL
 OCTOBER 1,1999 - SEPTEMBER 30,2000 COST EVALUATION PERIOD
 REPAY 00 GS6 - GENERATION, SUPPLEMENTAL, 1996 RATE CASE DEBT BUYOUT
 GENERATION

SUMMARY OF SOLUTION STEPS

PRIMARY ITERATION NUMBER	TRIAL REVENUE FACTOR	SECONDARY ITERATIONS REQUIRED	RESULTS
1	1.000000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2000
2	1.500000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
3	1.250000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
4	1.120000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
5	1.060000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2000
6	1.090000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2000
7	1.105000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003

8	1.112000	3	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
9	1.116000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
10	1.114000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
11	1.113000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
12	1.112500	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
13	1.112250	3	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
14	1.112370	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
15	1.112310	3	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
16	1.112340	4	CONVERGED TO MINIMUM REPAYMENT SCHEDULE

1
106/07/96
T E M
1 OF 2

PAGE

F E D E R A L C O L U M B I A R I V E R P O W E R S Y S

REPAYMENT STUDY FOR 1996 SUPPLEMENTAL RATE PROPOSAL

OCTOBER 1,1999 - SEPTEMBER 30,2000 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)

TABLE A FISCAL

0	1	2	3	4	5	6	7
8							
OF FISCAL				PURCHASE			
YEAR				AND			
	REVENUE		ANNUAL	EXCHANGE	GROSS		IRRIGATION
ENDING	REVENUE		OBLIGATIONS	POWER	INTEREST	AMORTIZATION	AMORTIZATIO
SEPT 30	REQUIREMENT =						
N + (-) DEFICIT							
CUMULATIVE							

1996		1,925,217	Prtg.txt	3,301,041	1,461,448	
1997	1,101,765	144,603	564,891	272,285	94,843	25,143
1998	1,122,081	150,060	586,918	286,794	98,309	
1999	1,132,838	155,070	657,860	292,379	27,529	
2000	1,149,465	160,219	663,174	301,221	24,851	
2001	1,149,465	160,219	658,536	305,135	15,472	10,103
2002	1,149,465	160,219	611,159	303,463	74,624	
2003	1,149,465	160,219	685,172	303,967	107	
2004	1,149,465	160,219	616,343	305,357	66,792	754
2005	1,149,465	160,219	580,360	302,743	106,143	
2006	1,149,465	160,219	597,678	299,996	91,572	
2007	1,149,465	160,219	614,161	296,294	78,791	
2008	1,149,465	160,219	614,301	293,870	78,125	2,950
2009	1,149,465	160,219	596,589	290,703	94,356	7,598
2010	1,149,465	160,219	596,909	286,655	105,682	
2011	1,149,465	160,219	596,042	283,302	109,902	
2012	1,149,465	160,219	589,937	277,251	121,252	806
2013	1,149,465	160,219	393,727	271,181	279,265	45,073

Prtg.txt

2014	1,149,465	160,219	394,163	253,896	294,834	46,353
2015	1,149,465	160,219	391,201	232,519	312,680	52,846
2016	1,149,465	160,219	370,347	212,696	343,989	62,214
2017	1,149,465	160,219	262,033	190,600	472,800	63,813
2018	1,149,465	160,219	91,060	164,095	710,272	23,819
2019	1,149,465	160,219	265,092	132,028	525,400	66,726
2020	1,149,465	160,219	264,120	100,879	590,647	33,600
2021	1,149,465	160,219	261,181	65,715	644,658	17,692
2022	1,149,465	160,219	261,680	29,164	682,335	16,067
2023	1,149,465	160,219	261,903	-5,053	516,414	215,982
2024	1,149,465	160,219	248,438	-32,550	14,751	89,223
669,384						
2025	1,149,465	160,219	247,546	-30,316	92,273	
679,743						
2026	1,149,465	160,219	246,990	-32,823	7,260	
767,819						
2027	1,149,465	160,219	246,990	-29,760	112,099	
659,917						
2028	1,149,465	160,219	246,990	-27,612	186,083	
583,785						
2029	1,149,465	160,219	246,990	-30,942	71,631	
701,567						
2030	1,149,465	160,219	245,990	-32,843	8,044	
768,055						

			Prtg.txt		
2031	1,149,465	160,219	245,990	-32,860	7,453
768,663					
2032	1,149,465	160,219	245,990	-31,784	44,235
730,805					
2033	1,149,465	160,219	245,990	-32,075	34,442
740,889					
2034	1,149,465	160,219	245,990	-32,715	12,247
763,724					
2035	1,149,465	160,219	245,990	-31,528	52,926
721,858					
2036	1,149,465	160,219	245,990	-32,981	3,266
772,971					
2037	1,149,465	160,219	245,990	-30,536	86,822
686,970					
2038	1,149,465	160,219	245,990	-32,705	12,865
763,096					
2039	1,149,465	160,219	245,990	-31,476	54,562
720,170					
2040	1,149,465	160,219	245,990	-31,793	43,681
731,368					
2041	1,149,465	160,219	245,990	-32,032	35,557
739,731					
2042	1,149,465	160,219	245,990	-32,534	18,559
757,231					
2043	1,149,465	160,219	245,990	-31,671	48,194
726,733					
2044	1,149,465	160,219	245,990	-32,935	4,769
771,422					
2045	1,149,465	160,219	245,990	-32,588	16,828
759,016					
2046	1,149,465	160,219	245,990	-30,412	90,989
682,679					
2047	1,149,465	160,219	245,990	-27,387	194,807
575,836					
2048	1,149,465	160,219	245,990	-28,801	146,136
625,921					

				Prtg.txt		
2049	1,149,465	160,219	245,990	-32,460	20,970	
754,746						
2050	1,149,465	160,219		-41,182	30,638	
999,790						
0 TOTALS	61,979,399	8,620,902	19,450,281	5,489,834	8,013,731	780,762
19,623,889						
106/07/96			F E D E R A L	C O L U M B I A	R I V E R	P O W E R S Y S
T E M	PAGE					
2 OF 2						

REPAYMENT STUDY FOR 1996 SUPPLEMENTAL RATE PROPOSAL
OCTOBER 1,1999 - SEPTEMBER 30,2000 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)
TABLE B FISCAL

0	1	2	3	4	5	6	7
8		9					
10							
0							
	INVESTMENT PLACED IN SERVICE						
	IRRIGATION ASSISTANCE						
	FISCAL -----						

YEAR	INITIAL	REPLACE-	CUMULATIVE	AMORTI-		TERM	CUM
ULATIVE							
ENDING	PROJECT +	MENTS =	AMOUNT IN	ZATION =	UNAMORTIZED	INVESTMENT	AM
OUNT IN	AMORTI- =						
UNAMORTIZED							
SEPT 30	THRU 9-30	THRU 9-30	SERVICE	9-30	INVESTMENT	SCHEDULE	S
ERVICE	ZATION						
AMOUNT							
OCUMULATIVE							
1996	5,557,759	187,364	5,745,123	1,461,448	4,283,675	5,286,079	
780,762							
780,762							
1997	261,262	1,809	6,008,194	94,843	4,451,903	5,468,950	
780,762	25,143						
755,619							

			Prtg.txt			
1998	260,818	1,351	6,270,363	98,309	4,615,763	5,652,416
780,762						
755,619						
1999	165,899	2,820	6,439,082	27,529	4,756,953	5,750,034
780,762						
755,619						
2000	180,004	1,462	6,620,548	24,851	4,913,568	5,914,832
780,762						
755,619						
2001		8,277	6,628,825	15,472	4,906,373	5,854,769
780,762	10,103					
745,516						
2002		25,494	6,654,319	74,624	4,857,243	5,814,257
780,762						
745,516						
2003		116,235	6,770,554	107	4,973,371	5,700,651
780,762						
745,516						
2004		17,389	6,787,943	66,792	4,923,968	5,582,934
780,762	754					
744,762						
2005		78,382	6,866,325	106,143	4,896,207	5,506,861
780,762						
744,762						
2006		18,022	6,884,347	91,572	4,822,657	5,468,777
780,762						
744,762						
2007		44,839	6,929,186	78,791	4,788,705	5,307,015
780,762						
744,762						
2008		38,011	6,967,197	78,125	4,748,591	5,136,345
780,762	2,950					
741,812						
2009		31,475	6,998,672	94,356	4,685,710	5,078,897
780,762	7,598					
734,214						
2010		36,331	7,035,003	105,682	4,616,359	5,048,962

Prtg.txt

787,704							
741,156							
2011		96,035	7,131,038	109,902	4,602,492	5,094,505	
794,270							
747,722							
2012		9,488	7,140,526	121,252	4,490,728	4,993,061	
797,746	806						
750,392							
2013		165,514	7,306,040	279,265	4,376,977	4,982,061	
817,539	45,073						
725,112							
2014		12,332	7,318,372	294,834	4,094,475	4,899,052	
855,069	46,353						
716,289							
2015		16,015	7,334,387	312,680	3,797,810	4,760,627	
860,176	52,846						
668,550							
2016		25,596	7,359,983	343,989	3,479,417	4,681,973	
865,570	62,214						
611,730							
2017		116,788	7,476,771	472,800	3,123,405	4,722,185	
900,823	63,813						
583,170							
2018		245,335	7,722,106	710,272	2,658,468	4,867,823	
952,010	23,819						
610,538							
2019		14,731	7,736,837	525,400	2,147,799	4,700,842	
962,912	66,726						
554,714							
2020		21,433	7,758,270	590,647	1,578,585	4,567,512	
984,170	33,600						
542,372							
2021		67,714	7,825,984	644,658	1,001,641	4,538,403	1
,023,377	17,692						
563,887							
2022		109,769	7,935,753	682,335	429,075	4,574,431	1

Prtg.txt

,062,426	16,067					
586,869						
2023		87,339	8,023,092	516,414	4,462,912	1
,091,506	215,982					
399,967						
2024		14,751	8,037,843	14,751	4,469,352	1
,133,312	89,223					
352,550						
2025		92,273	8,130,116	92,273	4,297,131	1
,153,349						
372,587						
2026		7,260	8,137,376	7,260	4,051,798	1
,186,577						
405,815						
2027		112,099	8,249,475	112,099	4,040,964	1
,218,805						
438,043						
2028		186,083	8,435,558	186,083	3,934,647	1
,252,191						
471,429						
2029		71,631	8,507,189	71,631	3,736,991	1
,296,988						
516,226						
2030		8,044	8,515,233	8,044	3,723,643	1
,326,951						
546,189						
2031		7,453	8,522,686	7,453	3,678,745	1
,356,914						
576,152						
2032		44,235	8,566,921	44,235	3,480,706	1
,401,711						
620,949						
2033		34,442	8,601,363	34,442	3,160,442	1
,442,135						
661,373						
2034		12,247	8,613,610	12,247	3,154,162	1
,482,559						

Prtg.txt

701,797 2035 ,511,766 731,004	52,926	8,666,536	52,926	3,145,177	1
2036 ,540,315 759,553	3,266	8,669,802	3,266	3,145,089	1
2037 ,569,023 788,261	86,822	8,756,624	86,822	3,140,593	1
2038 ,598,333 817,571	12,865	8,769,489	12,865	3,119,987	1
2039 ,627,644 846,882	54,562	8,824,051	54,562	3,161,794	1
2040 ,661,479 880,717	43,681	8,867,732	43,681	3,158,955	1
2041 ,695,315 914,553	35,557	8,903,289	35,557	3,114,866	1
2042 ,730,009 949,247	18,559	8,921,848	18,559	3,084,022	1
2043 ,764,704 983,942	48,194	8,970,042	48,194	2,897,830	1
2044 ,797,645 1,016,883	4,769	8,974,811	4,769	2,778,402	1
2045 ,830,586 1,049,824	16,828	8,991,639	16,828	2,621,355	1
2046 ,863,685	90,989	9,082,628	90,989	2,437,826	1

Prtg.txt						
1,082,923						
2047	194,807	9,277,435	194,807	2,428,403	1	
,903,410						
1,122,648						
2048	146,136	9,423,571	146,136	2,266,165	1	
,943,293						
1,162,531						
2049	20,970	9,444,541	20,970	2,213,450	1	
,983,176						
1,202,414						
2050	30,638	9,475,179	30,638	2,155,683	2	
,006,432						
1,225,670						
0 TOTALS	6,425,742 780,762	3,049,437	9,475,179			

LINES MAY NOT ADD ACROSS BECAUSE OF ROUND OFF ERRORS

1

SUMMARY OF INTEREST EXPENSE GENERATION FY 2000 REPAYMENT STUDY FOR 199
 6 SUPPLEMENTAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	1997	1998	1999	2000	2001	2002	20
03 2004 2005							
2006							

BUREAU OF RECLAMATION

BOISE	193	208	222	236	241	304	3
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Prtg.txt

64	364	364							
364									
	COLUMBIA BASIN		2,003	2,216	2,334	2,511	2,506	1,608	3,0
67	4,525	4,525							
4,525									
	COLUMBIA BASIN - 3RD		28,578	28,578	28,578	28,578	28,578	28,578	28,5
78	28,578	28,578							
28,578									
	HUNGRY HORSE		1,781	1,811	1,827	1,839	1,096	1,096	2,3
19	3,845	3,845							
3,845									
	MINIDOKA		1,724	3,264	3,278	3,280	3,279	3,390	3,5
02	3,502	3,502							
3,502									
	YAKIMA-CHANDLER		83	83	83	83	105	126	1
26	126	126							
242									
	YAKIMA-ROZA		62	63	65	65	65	65	
71	76	76							
76									
	TOTAL BUREAU		34,424	36,223	36,387	36,592	35,870	35,167	38,0
27	41,016	41,016							
41,132									
	CORPS OF ENGINEERS								
	ALBENI FALLS		1,342	1,353	1,353	1,353	1,353	1,353	1,3
56	1,360	1,515							
542									
	BONNEVILLE		5,192	6,332	7,393	8,148	8,619	8,712	8,7
13	8,713	8,713							
8,715									
	BONNEVILLE - 2ND POW		25,688	25,688	25,688	25,688	25,688	25,688	25,6
88	25,688	25,688							
25,688									
	CHIEF JOSEPH		20,989	21,000	21,000	21,000	21,000	21,036	21,0
81	21,090	21,090							
20,944									

			Prtg.txt					
COUGAR	666	666	666	666	666	666	666	6
66 712 757								
757								
COLUMBIA RIVER FISH	8,925	15,556	20,907	23,224	24,427	24,427	24,427	24,4
27 24,427 24,427								
24,427								
DETROIT-BIG CLIFF	1,504	1,504	1,504	1,504	1,504	1,505	1,505	1,3
14 1,431 234								
234								
DWORSHAK	10,214	10,218	10,218	10,218	10,218	10,219	10,219	10,3
03 10,387 10,388								
10,389								
GREEN PETER-FOSTER	1,784	1,787	1,787	1,787	1,787	1,893	1,893	2,0
52 2,104 2,104								
2,104								
HILLS CREEK	671	671	671	671	671	716	716	7
63 763 763								
763								
ICE HARBOR FISH BYPA								
ICE HARBOR	4,751	4,795	4,795	4,795	4,796	5,166	5,166	5,5
34 5,534 5,535								
5,535								
JOHN DAY	15,811	15,816	15,816	15,816	15,816	15,816	15,816	15,8
16 15,816 17,094								
18,376								
LIBBY	16,924	16,968	16,968	16,968	17,036	17,103	17,103	17,1
03 17,105 17,106								
17,155								
LITTLE GOOSE FISH BY								
LITTLE GOOSE	8,558	8,558	8,558	8,558	8,607	8,657	8,657	8,6
59 8,661 8,661								
9,016								
LOWER GRANITE FISH B								
LOWER MONUMENTAL FIS								
LOOKOUT POINT-DEXTER	2,193	2,193	2,193	2,193	2,193	2,193	2,193	2,1

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94	2,195	2,337							
562									
LOST CREEK			989	989	989	989	989	993	9
98	998	998							
998									
LOWER GRANITE			12,095	12,095	12,095	12,095	12,095	12,095	12,0
99	12,102	12,214							
12,325									
LOWER MONUMENTAL			8,792	8,798	8,798	8,798	8,799	8,800	8,8
00	9,092	9,383							
9,383									
MCNARY			10,908	10,908	10,908	10,908	10,908	10,908	10,9
13	10,917	9,011							
6,390									
MCNARY FISH BYPASS									
STRUBE									
THE DALLES			11,609	11,625	11,625	11,625	11,626	11,627	11,6
76	11,760	11,794							
11,794									
TOTAL CORPS			169,605	177,520	183,932	187,004	188,798	189,573	190,1
55	190,855	189,812							
186,097									
LOWER SNAKE F AND W			15,826	16,038	16,129	16,135	16,135	16,135	16,3
07	16,494	16,509							
16,509									
BONNEVILLE POWER ADM									
TOTAL APPROPRIATIONS			219,855	229,781	236,448	239,731	240,803	240,875	244,4
89	248,365	247,337							
243,738									

BPA BORROWING

BPA PROGRAM			4,808	5,529	6,393	7,154	7,613	7,605	7,5
98	7,589	7,578							
7,567									
BPA CONSERVATION			52,356	50,133	45,830	48,006	48,249	48,249	42,5
40	42,540	42,328							
42,328									
FISH, WILDLIFE & ENV			7,836	9,591	11,316	10,799	11,657	11,657	11,6
57	11,657	11,657							
11,657									
BUREAU DIRECT FUND			6,098	7,142	8,778	11,634	13,298	13,298	13,2
98	13,298	13,298							
13,298									
IRRIGATION ASSISTANC									
PREMIUMS			191	3,369	28	350	6	5	
6	49	7							
236									
0LESS									
0 AFUDC									
0 INTEREST INCOME			18,859	18,751	16,414	16,453	16,491	18,226	15,6
21	18,141	19,462							
18,828									
0TOTAL BPA BORROWING			52,430	57,013	55,931	61,490	64,332	62,588	59,4
78	56,992	55,406							
56,258									

TOTALS			272,285	286,794	292,379	301,221	305,135	303,463	303,9
67	305,357	302,743							
299,996									
1									

SUMMARY OF INTEREST EXPENSE
6 SUPPLEMENAL RATE PROPOSAL

GENERATION FY 2000

REPAYMENT STUDY FOR 199

			(ALL AMOUNTS IN \$1000)						
			2007	2008	2009	2010	2011	2012	20
13	2014	2015							
2016									
BUREAU OF RECLAMATION									
BOISE			390	414	414	414	414	413	4
07	402	398							
397									
COLUMBIA BASIN			4,727	5,020	5,113	5,113	5,113	5,110	6,5
83	8,056	8,056							
8,056									
COLUMBIA BASIN - 3RD			28,578	28,578	28,578	28,578	28,578	28,578	28,5
78	28,578	28,578							
22,576									
HUNGRY HORSE			3,845	3,845	3,845	3,845	3,845	3,837	3,8
80	3,923	3,923							
3,923									
MINIDOKA			3,912	4,332	4,311	4,311	4,306	4,306	4,3
06	4,306	4,306							
4,306									
YAKIMA-CHANDLER			356	356	356	356	356	356	3
56	356	356							
363									
YAKIMA-ROZA			71	84	62	62	62	62	
62	62	62							
62									
TOTAL BUREAU			41,879	42,629	42,679	42,679	42,674	42,662	44,1
72	45,683	45,679							
39,683									

CORPS OF ENGINEERS

ALBENI FALLS	542	542	542	542	537	537	5
37 537 595							
588							
BONNEVILLE	8,829	8,945	8,945	8,945	10,967	13,011	13,0
47 13,043 13,043							
12,065							
BONNEVILLE - 2ND POW	25,688	25,688	25,688	25,688	25,688	25,688	25,6
88 25,688 25,688							
25,688							
CHIEF JOSEPH	20,434	18,241	15,775	15,775	15,774	15,774	17,5
91 19,409 19,409							
17,232							
COUGAR	757	757	758	759	759	759	7
59 781 136							
136							
COLUMBIA RIVER FISH	24,427	24,427	24,427	24,427	24,427	24,427	24,4
27 24,427 24,427							
24,427							
DETROIT-BIG CLIFF	234	234	234	235	234	234	2
34 248 261							
261							
DWORSHAK	10,389	10,738	11,088	11,090	11,090	11,090	11,4
07 11,711 11,711							
11,711							
GREEN PETER-FOSTER	2,164	2,272	2,321	2,321	2,321	2,347	2,3
89 2,410 2,410							
2,410							
HILLS CREEK	778	794	794	794	794	812	1
68 168 168							
168							
ICE HARBOR FISH BYPA							
ICE HARBOR	5,563	5,589	5,589	5,590	5,771	6,110	3,1
22 3,122 3,121							
1,789							
JOHN DAY	18,380	18,380	18,380	19,196	20,010	20,010	20,0
10 20,010 20,064							

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20,116								
LIBBY	17,204	17,204	17,204	17,211	17,493	17,765	17,7	
65 17,765 11,386								
6,471								
LITTLE GOOSE FISH BY								
LITTLE GOOSE	9,369	9,397	9,425	9,425	9,735	10,043	10,3	
20 10,595 10,595								
10,634								
LOWER GRANITE FISH B								
LOWER MONUMENTAL FIS								
LOOKOUT POINT-DEXTER	562	562	562	562	562	562	5	
62 562 593								
615								
LOST CREEK	999	1,001	1,001	1,001	1,001	1,044	1,0	
87 1,087 1,087								
104								
LOWER GRANITE	12,326	12,335	12,344	12,583	12,821	12,821	13,1	
02 13,382 13,634								
12,564								
LOWER MONUMENTAL	9,383	9,383	9,689	9,995	9,996	9,995	9,9	
95 10,317 10,637								
10,637								
MCNARY	3,545	1,335	1,335	1,335	1,338	1,335	1,3	
35 1,335 1,388								
1,428								
MCNARY FISH BYPASS								
STRUBE								
THE DALLES	11,796	12,334	11,212	9,302	6,641	5,791	6,2	
76 6,762 6,764								
6,761								
TOTAL CORPS	183,369	180,158	177,313	176,776	177,959	180,155	179,8	
21 183,359 177,117								
165,805								

LOWER SNAKE F AND W	16,526	16,572	16,599	16,599	16,614	16,599	16,7
20 16,785 16,788							
16,785							
BONNEVILLE POWER ADM							
TOTAL APPROPRIATIONS	241,774	239,359	236,591	236,054	237,247	239,416	240,7
13 245,827 239,584							
222,273							
BPA BORROWING							
BPA PROGRAM	7,557	7,544	7,532	7,059	6,515	5,860	5,8
60 3,838 1,860							
1,860							
BPA CONSERVATION	41,653	41,653	41,653	38,233	35,584	33,423	30,9
60 19,064 11,029							
11,029							
FISH, WILDLIFE & ENV	10,267	10,267	10,267	10,267	8,618	6,950	5,1
68 3,440 1,717							
BUREAU DIRECT FUND	13,298	13,298	13,298	13,298	13,298	10,673	10,6
73 6,600 5,713							
5,713							
IRRIGATION ASSISTANC							
PREMIUMS	8	7	269	710	1,126	369	4,5
07 2,172							
0LESS							
0 AFUDC							
0 INTEREST INCOME	18,263	18,258	18,907	18,966	19,086	19,440	26,7
00 27,045 27,384							
28,179							
0TOTAL BPA BORROWING	54,520	54,511	54,112	50,601	46,055	37,835	30,4
68 8,069 -7,065							

-9,577

TOTALS		296,294	293,870	290,703	286,655	283,302	277,251	271,1
81	253,896	232,519						
212,696								
1								

SUMMARY OF INTEREST EXPENSE GENERATION FY 2000 REPAYMENT STUDY FOR 199
 6 SUPPLEMENTAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2017	2018	2019	2020	2021	2022	20
23 2024 2025							
2026							
BUREAU OF RECLAMATION							
BOISE	420	427	427	260	260	233	1
86 COLUMBIA BASIN	9,120	15,359	20,528	19,600	19,586	20,178	8,0
91 COLUMBIA BASIN - 3RD	16,518	13,077	2,802	2,802			
HUNGRY HORSE	3,923	3,771	3,353	3,209	3,198	3,111	7
20 MINIDOKA	4,499	4,678	4,678	1,490	1,490	1,534	5
15 YAKIMA-CHANDLER	364	364	364	364	364	281	
59							
15 YAKIMA-ROZA	62	62	62	62	62	37	

26

TOTAL BUREAU		34,906	37,738	32,214	27,787	24,960	25,374	9,5
97								
15								
CORPS OF ENGINEERS								
ALBENI FALLS		588	588	447	374	374	374	2
49	254							
BONNEVILLE		14,014	15,958	15,584	11,436	13,236	11,042	7,6
49	4							
2								
BONNEVILLE - 2ND POW		25,688	8,113					
CHIEF JOSEPH		9,478	6,362	7,108	7,032	7,032	7,032	2,7
93								
COUGAR		136	136	136	136	136	49	
49	3							
COLUMBIA RIVER FISH		24,427	24,427	21,504	13,108	13,108		
DETROIT-BIG CLIFF		261	262	261	261	261	261	
76	424							
1								
DWORSHAK		11,711	11,767	11,610	11,506	1,916	795	6
20								
GREEN PETER-FOSTER		2,467	1,678	767	767	764	448	2
44								
HILLS CREEK		168	159	159	159	159	84	
65								
ICE HARBOR FISH BYPA								
ICE HARBOR		1,917	1,918	1,882	1,722	1,723	1,154	4
55								
37								
JOHN DAY		20,116	20,120	17,985	10,479	9,122	2,454	8
61	1							
LIBBY		6,859	6,637	5,347	5,291	2,100	2,053	2
94	207							

157									
	LITTLE GOOSE FISH BY								
	LITTLE GOOSE	7,084	7,365	7,331	7,227	5,818	2,077	4	
40	LOWER GRANITE FISH B								
	LOWER MONUMENTAL FIS								
	LOOKOUT POINT-DEXTER	615	615	584	344	344	344		
91	357								
	LOST CREEK	139	175	169	169	169	183		
44	LOWER GRANITE								
95	1	75	10,853	10,997	11,223	9,803	2,193	1,679	2
	LOWER MONUMENTAL								
15	3	2	7,741	7,729	7,945	6,419	2,522	1,942	8
	MCNARY								
63	1,784		1,428	1,429	1,394	1,296	1,296	1,296	1
	MCNARY FISH BYPASS								
	STRUBE								
	THE DALLES	6,761	6,777	6,797	5,589	3,498	2,431	1,7	
34	1								
	TOTAL CORPS	152,451	133,212	118,233	93,118	65,771	35,698	16,9	
37	432	2,684							
197									
	LOWER SNAKE F AND W	16,785	16,833	1,719	897	897	589	9	
02	15								
	BONNEVILLE POWER ADM								
	TOTAL APPROPRIATIONS	204,142	187,783	152,166	121,802	91,628	61,661	27,4	
36	432	2,699							

212

BPA BORROWING

BPA PROGRAM	1,860	1,860	1,860	1,860	929		
BPA CONSERVATION	11,029	7,211	4,442	1,968			
FISH, WILDLIFE & ENV							
BUREAU DIRECT FUND	5,713	5,713	5,713	5,713	3,327		
IRRIGATION ASSISTANC							
PREMIUMS				1,769	2,269		
0LESS							
0 AFUDC							
0 INTEREST INCOME	32,144	38,472	32,153	32,233	32,438	32,497	32,4
89 32,982 33,015							
33,035							
0TOTAL BPA BORROWING	-13,542	-23,688	-20,138	-20,923	-25,913	-32,497	-32,4
89 -32,982 -33,015							
-33,035							
	-----	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----	-----
TOTALS	190,600	164,095	132,028	100,879	65,715	29,164	-5,0
53 -32,550 -30,316							
-32,823							
1							

SUMMARY OF INTEREST EXPENSE GENERATION FY 2000 REPAYMENT STUDY FOR 199
 6 SUPPLEMENTAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2027	2028	2029	2030	2031	2032	20
33 2036							
BUREAU OF RECLAMATION							
BOISE	304					26	
COLUMBIA BASIN	1,322	4,584					
COLUMBIA BASIN - 3RD							
HUNGRY HORSE		296					1
83 MINIDOKA	20					65	
YAKIMA-CHANDLER							
17 YAKIMA-ROZA		2					
3							
TOTAL BUREAU	1,646	4,882			26	91	1
86 17							
CORPS OF ENGINEERS							
ALBENI FALLS	3			66			
71							
BONNEVILLE	67				104	492	
2							
BONNEVILLE - 2ND POW							

CHIEF JOSEPH	1,500	330		144
COUGAR				
70				
COLUMBIA RIVER FISH				
DETROIT-BIG CLIFF			33	
180				
DWORSHAK			1	1
79				
GREEN PETER-FOSTER	31	23		
HILLS CREEK				66
ICE HARBOR FISH BYPA				
ICE HARBOR				476
1				
5				
JOHN DAY			92	
1				
LIBBY			5	2
143				
66				
LITTLE GOOSE FISH BY				
LITTLE GOOSE	2	77		61
1				
1				
LOWER GRANITE FISH B				
LOWER MONUMENTAL FIS				
LOOKOUT POINT-DEXTER	1		29	
234				
LOST CREEK	20			
LOWER GRANITE		50		2
141				

				Prtg.txt					
1	LOWER MONUMENTAL			118					1
1	MCNARY		5			37			1
		953							
	MCNARY FISH BYPASS								
	STRUBE								
02	THE DALLES			1,941			2		1
1	105								
	TOTAL CORPS		1,629	480	2,093	229	169	1,182	2
82	357	1,544							
74									
29	LOWER SNAKE F AND W			61			17	15	5
	BONNEVILLE POWER ADM								
97	TOTAL APPROPRIATIONS		3,275	5,423	2,093	229	212	1,288	9
91	357	1,544							
	BPA BORROWING								
	BPA PROGRAM								
	BPA CONSERVATION								
	FISH, WILDLIFE & ENV								
	BUREAU DIRECT FUND								
	IRRIGATION ASSISTANC								

PREMIUMS

0 LESS
0 AFUDC

0 INTEREST INCOME	33,035	33,035	33,035	33,072	33,072	33,072	33,0
72 33,072	33,072						
33,072							
0 TOTAL BPA BORROWING	-33,035	-33,035	-33,035	-33,072	-33,072	-33,072	-33,0
72 -33,072	-33,072						
-33,072							
	-----	-----	-----	-----	-----	-----	-----
--	-----	-----	-----	-----	-----	-----	-----

TOTALS	-29,760	-27,612	-30,942	-32,843	-32,860	-31,784	-32,0
75 -32,715	-31,528						
-32,981							
1							

SUMMARY OF INTEREST EXPENSE GENERATION FY 2000 REPAYMENT STUDY FOR 199
6 SUPPLEMENTAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

43	2044	2045	2037	2038	2039	2040	2041	2042	20
2046									

BUREAU OF RECLAMATION

BOISE

COLUMBIA BASIN	1,333	237
----------------	-------	-----

COLUMBIA BASIN - 3RD					
					2
06	HUNGRY HORSE				
	MINIDOKA	227		52	
YAKIMA-CHANDLER					
26	YAKIMA-ROZA		3		
06	TOTAL BUREAU	1,560	240	52	2
26					
CORPS OF ENGINEERS					
	ALBENI FALLS			3	
		31			
	BONNEVILLE	4		684	29
2,089	BONNEVILLE - 2ND POW				
	CHIEF JOSEPH	777	23		
	COUGAR			5	
	46				
	COLUMBIA RIVER FISH				
	DETROIT-BIG CLIFF				1
	11				
54	DWORSHAK	1			3
		2			
	GREEN PETER-FOSTER	107	52	38	
25	HILLS CREEK	17		45	

ICE HARBOR FISH BYPA					
ICE HARBOR	67				369
182					
JOHN DAY				1,279	4
LIBBY	150		2		
	5				
277					
LITTLE GOOSE FISH BY					
LITTLE GOOSE		33			355
1					
69					
LOWER GRANITE FISH B					
LOWER MONUMENTAL FIS					
LOOKOUT POINT-DEXTER			1		
	17				
LOST CREEK		3			
LOWER GRANITE		18	1		
	263				
LOWER MONUMENTAL			300		1
	79				
1					
MCNARY			4		
2	16				
1					
MCNARY FISH BYPASS					
STRUBE					
THE DALLES			1,262		5
35	1				

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TOTAL CORPS	976	126	1,578	1,279	1,040	486	9	
17	137	484						
2,619								
LOWER SNAKE F AND W		1	18				2	
78								
15								
BONNEVILLE POWER ADM								
TOTAL APPROPRIATIONS	2,536	367	1,596	1,279	1,040	538	1,4	
01	137	484						
2,660								
BPA BORROWING								
BPA PROGRAM								
BPA CONSERVATION								
FISH, WILDLIFE & ENV								
BUREAU DIRECT FUND								
IRRIGATION ASSISTANC								
PREMIUMS								
0LESS								
0 AFUDC								
0 INTEREST INCOME	33,072	33,072	33,072	33,072	33,072	33,072	33,0	
72	33,072	33,072						
33,072								
0TOTAL BPA BORROWING	-33,072	-33,072	-33,072	-33,072	-33,072	-33,072	-33,0	
72	-33,072	-33,072						

-33,072

TOTALS		-30,536	-32,705	-31,476	-31,793	-32,032	-32,534	-31,6
71	-32,935	-32,588						
	-30,412							
1								

SUMMARY OF INTEREST EXPENSE GENERATION FY 2000 REPAYMENT STUDY FOR 199
 6 SUPPLEMENTAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2047	2048	2049	2050
BUREAU OF RECLAMATION				
BOISE	28			
COLUMBIA BASIN	5,396	1,473		
COLUMBIA BASIN - 3RD				
HUNGRY HORSE				
MINIDOKA	113			
YAKIMA-CHANDLER				
YAKIMA-ROZA		6		
TOTAL BUREAU	5,537	1,479		
CORPS OF ENGINEERS				
ALBENI FALLS				
BONNEVILLE	1		4	
BONNEVILLE - 2ND POW				
CHIEF JOSEPH	37	1,817		

COUGAR				
COLUMBIA RIVER FISH				
DETROIT-BIG CLIFF				1
DWORSHAK		284		
GREEN PETER-FOSTER	60	49		
HILLS CREEK				
ICE HARBOR FISH BYPA				
ICE HARBOR				1
JOHN DAY				816
LIBBY				
LITTLE GOOSE FISH BY				
LITTLE GOOSE		305		
LOWER GRANITE FISH B				
LOWER MONUMENTAL FIS				
LOOKOUT POINT-DEXTER				
LOST CREEK	43			
LOWER GRANITE	2	281		75
LOWER MONUMENTAL			573	
MCNARY				
MCNARY FISH BYPASS				
STRUBE				
THE DALLES	2	55	35	1
TOTAL CORPS	145	2,791	612	894
LOWER SNAKE F AND W	3	1		
BONNEVILLE POWER ADM				
TOTAL APPROPRIATIONS	5,685	4,271	612	894

BPA BORROWING

BPA PROGRAM
 BPA CONSERVATION
 FISH, WILDLIFE & ENV
 BUREAU DIRECT FUND
 IRRIGATION ASSISTANC

DETROIT-BIG CLIFF	16,941
DWORSHAK	265,543
GREEN PETER-FOSTER	50,074
HILLS CREEK	13,642
ICE HARBOR FISH BYPA	
ICE HARBOR	108,511
JOHN DAY	440,029
LIBBY	357,349
LITTLE GOOSE FISH BY	
LITTLE GOOSE	224,278
LOWER GRANITE FISH B	
LOWER MONUMENTAL FIS	
LOOKOUT POINT-DEXTER	29,726
LOST CREEK	20,456
LOWER GRANITE	297,174
LOWER MONUMENTAL	225,662
MCNARY	129,493
MCNARY FISH BYPASS	
STRUBE	
THE DALLES	238,030
TOTAL CORPS	4,276,039
LOWER SNAKE F AND W	368,379
TOTAL APPROPRIATIONS	5,659,230
BONNEVILLE POWER ADM	
BPA BORROWING	
BPA PROGRAM	133,288
BPA CONSERVATION	791,490
FISH, WILDLIFE & ENV	176,445
BUREAU DIRECT FUND	245,481
IRRIGATION ASSISTANC	
PREMIUMS	17,453
0 LESS	
0 AFUDC	
0 INTEREST INCOME	1,533,553

0TOTAL BPA BORROWING -169,396

 TOTALS 5,489,834

1
 1

APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR -----INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
1997	BPA CONSERVATION	80,200	1992	1997	80,200	80,200	.05800
	BPA PROGRAM	2,479	1992	2032	2,479	2,479	.08800
	BPA CONSERVATION	12,164	1994	1998	32,699	32,699	.07100
	TOTAL	94,843					
1998	BPA CONSERVATION	20,535	1994	1998	32,699	20,535	.07100
	BPA PROGRAM	1,212	1993	2033	11,016	11,016	.08350
	BPA CONSERVATION	76,562	1992	2007	100,000	100,000	.07140

TOTAL
98,309

1999	BPA PROGRAM	1989	1999	424	424	.08950
	424					
	BPA PROGRAM	1989	1999	1,410	1,410	.08950
R	1,410					
	FISH, WILDLIFE & ENVIRONMENTAL	1989	1999	25,000	25,000	.08950
	25,000					
	BPA PROGRAM	1993	2033	11,016	9,804	.08350
	55					
	BPA CONSERVATION	1992	2007	100,000	23,438	.07140
	640					

TOTAL
27,529

2000	BPA PROGRAM	1990	2030	29	29	.09250
	29					
	BPA PROGRAM	1990	2030	96	96	.09250
R	30					
	BPA CONSERVATION	1992	2007	100,000	22,798	.07140
	10,381					
	HUNGRY HORSE	1956	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1955	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1954	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1953	2003	17,228	17,228	.05950
	12,599					
	MINIDOKA	1996	2001	10	10	.05810
	10					
	GREEN PETER-FOSTER	1996	2001	8	8	.05810
	8					
	BOISE	1996	2001	1	1	.05810
	1					
	COLUMBIA BASIN	1956	2001	270	270	.05810

		Prtg.txt				
R	270					
	COLUMBIA BASIN	1957	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1955	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1954	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1953	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1952	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1951	2001	8,025	8,025	.05810
	124					

TOTAL		24,851				

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

YEAR	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
2001	COLUMBIA BASIN		1958	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1959	2001	269	269	.05810
	R	269					
	COLUMBIA BASIN		1960	2001	269	269	.05810

		Prtg.txt				
R	269					
	COLUMBIA BASIN	1961	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1962	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1963	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1964	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1965	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1966	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1967	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1968	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1969	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1970	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1971	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1972	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1973	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1974	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1975	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1976	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1977	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1978	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1979	2001	269	269	.05810
R	269					

		Prtg.txt				
	COLUMBIA BASIN	1980	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1981	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1982	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1983	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1985	2001	245	245	.05810
	245					
	BOISE	1986	2001	93	93	.05810
	93					
	COLUMBIA BASIN	1986	2001	132	132	.05810
	132					
	COLUMBIA BASIN	1987	2001	13	13	.05810
	13					
	COLUMBIA BASIN	1951	2001	8,025	7,901	.05810
	7,901					
	BPA PROGRAM	1990	2030	96	66	.09250
R	66					
	BPA PROGRAM	1990	2030	3,008	3,008	.09250
	23					

	TOTAL					
	15,472					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT IN-SERVICE DUE GROSS NET RATE

REPLACEMENT		AMOUNT	Prtg.txt			
+						
2002	BPA CONSERVATION	1989	2002	66,000	66,000	.08650
	66,000					
	HUNGRY HORSE	1997	2002	6	6	.05810
	6					
	BPA PROGRAM	1990	2030	3,008	2,985	.09250
	73					
	HUNGRY HORSE	1953	2003	17,228	4,629	.05950
	4,629					
	DETROIT-BIG CLIFF	1953	2003	3,244	3,244	.05950
	3,244					
	HUNGRY HORSE	1983	2003	13	13	.05950
R	13					
	HUNGRY HORSE	1981	2003	19	19	.05950
R	19					
	HUNGRY HORSE	1980	2003	19	19	.05950
R	19					
	HUNGRY HORSE	1979	2003	19	19	.05950
R	19					
	HUNGRY HORSE	1978	2003	19	19	.05950
R	19					
	HUNGRY HORSE	1977	2003	19	19	.05950
R	19					
	HUNGRY HORSE	1976	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1975	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1974	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1973	2003	19	19	.05950
R	19					
	HUNGRY HORSE	1972	2003	19	19	.05950
R	19					
	HUNGRY HORSE	1971	2003	19	19	.05950
R	19					
	HUNGRY HORSE	1970	2003	19	19	.05950

			Prtg.txt			
R		19				
	HUNGRY HORSE		1969	2003	19	.05950
R		19				
	HUNGRY HORSE		1968	2003	19	.05950
R		19				
	HUNGRY HORSE		1967	2003	19	.05950
R		19				
	HUNGRY HORSE		1966	2003	18	.05950
R		18				
	HUNGRY HORSE		1965	2003	18	.05950
R		18				
	HUNGRY HORSE		1964	2003	18	.05950
R		18				
	HUNGRY HORSE		1963	2003	19	.05950
R		19				
	HUNGRY HORSE		1962	2003	19	.05950
R		19				
	HUNGRY HORSE		1961	2003	19	.05950
R		19				
	HUNGRY HORSE		1960	2003	19	.05950
R		19				
	HUNGRY HORSE		1959	2003	19	.05950
R		19				
	HUNGRY HORSE		1958	2003	19	.05950
R		19				
	HUNGRY HORSE		1957	2003	19	.05950
R		19				
	BOISE		1998	2003	193	.05440
R		190				

TOTAL
74,624

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

YEAR	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
2003	BOISE	3	1998	2003	193	3	.05440
R	BPA PROGRAM	104	1990	2030	3,008	2,912	.09250
	TOTAL	107					
2004	DETROIT-BIG CLIFF	19	1957	2004	19	19	.06000
R	DETROIT-BIG CLIFF	20	1958	2004	20	20	.06000
R	DETROIT-BIG CLIFF	19	1959	2004	19	19	.06000
R	DETROIT-BIG CLIFF	20	1960	2004	20	20	.06000
R	DETROIT-BIG CLIFF	19	1961	2004	19	19	.06000
R	DETROIT-BIG CLIFF	20	1962	2004	20	20	.06000
R	DETROIT-BIG CLIFF	19	1963	2004	19	19	.06000
R	DETROIT-BIG CLIFF	20	1964	2004	20	20	.06000
R	DETROIT-BIG CLIFF	19	1965	2004	19	19	.06000
R	DETROIT-BIG CLIFF	20	1966	2004	20	20	.06000

		Prtg.txt				
R	20 DETROIT-BIG CLIFF	1967	2004	19	19	.06000
R	19 DETROIT-BIG CLIFF	1968	2004	20	20	.06000
R	20 DETROIT-BIG CLIFF	1969	2004	19	19	.06000
R	19 DETROIT-BIG CLIFF	1970	2004	20	20	.06000
R	20 DETROIT-BIG CLIFF	1971	2004	19	19	.06000
R	19 DETROIT-BIG CLIFF	1972	2004	20	20	.06000
R	20 DETROIT-BIG CLIFF	1973	2004	19	19	.06000
R	19 DETROIT-BIG CLIFF	1974	2004	20	20	.06000
R	20 DETROIT-BIG CLIFF	1975	2004	19	19	.06000
R	19 HUNGRY HORSE	1999	2004	7	7	.05360
	7 DETROIT-BIG CLIFF	1976	2004	20	20	.06000
R	20 DETROIT-BIG CLIFF	1977	2004	19	19	.06000
R	19 DETROIT-BIG CLIFF	1978	2004	20	20	.06000
R	20 DETROIT-BIG CLIFF	1979	2004	19	19	.06000
R	19 DETROIT-BIG CLIFF	1980	2004	20	20	.06000
R	20 DETROIT-BIG CLIFF	1981	2004	19	19	.06000
R	19 DETROIT-BIG CLIFF	1982	2004	20	20	.06000
R	20 DETROIT-BIG CLIFF	1983	2004	19	19	.06000
R	19 DETROIT-BIG CLIFF	1985	2004	6	6	.06000

	Prtg.txt				
DETROIT-BIG CLIFF 3	1987	2004	3	3	.06000
DETROIT-BIG CLIFF 21,373	1954	2004	21,373	21,373	.06000
MCNARY 37,904	1954	2004	37,904	37,904	.06000
DETROIT-BIG CLIFF 19	1955	2004	19	19	.06000
R DETROIT-BIG CLIFF 20	1956	2004	20	20	.06000
R BPA PROGRAM 111	1990	2030	3,008	2,808	.09250

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
BPA CONSERVATION 2,965		1992	2007	100,000	12,417	.07140
R ALBENI FALLS 11		1957	2005	11	11	.06050
R LOOKOUT POINT-DEXTER 56		1956	2005	56	56	.06050
R ALBENI FALLS 12		1956	2005	12	12	.06050
MCNARY 3,779		1955	2005	56,972	56,972	.06050

TOTAL

66,792

2005	LOOKOUT POINT-DEXTER	1957	2005	54	54	.06050
R	54					
	ALBENI FALLS	1958	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1958	2005	54	54	.06050
R	54					
	ALBENI FALLS	1959	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1959	2005	54	54	.06050
R	54					
	ALBENI FALLS	1960	2005	11	11	.06050
R	11					
	LOOKOUT POINT-DEXTER	1960	2005	54	54	.06050
R	54					
	ALBENI FALLS	1961	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1961	2005	55	55	.06050
R	55					
	ALBENI FALLS	1962	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1962	2005	54	54	.06050
R	54					
	ALBENI FALLS	1963	2005	11	11	.06050
R	11					
	LOOKOUT POINT-DEXTER	1963	2005	54	54	.06050
R	54					
	ALBENI FALLS	1964	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1964	2005	54	54	.06050
R	54					
	ALBENI FALLS	1965	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1965	2005	54	54	.06050
R	54					
	ALBENI FALLS	1966	2005	11	11	.06050

		Prtg.txt				
R	11 LOOKOUT POINT-DEXTER	1966	2005	54	54	.06050
R	54 ALBENI FALLS	1967	2005	12	12	.06050
R	12 LOOKOUT POINT-DEXTER	1967	2005	55	55	.06050
R	55 ALBENI FALLS	1968	2005	12	12	.06050
R	12 LOOKOUT POINT-DEXTER	1968	2005	54	54	.06050
R	54 ALBENI FALLS	1969	2005	11	11	.06050
R	11 LOOKOUT POINT-DEXTER	1969	2005	54	54	.06050
R	54 ALBENI FALLS	1970	2005	12	12	.06050
R	12 LOOKOUT POINT-DEXTER	1970	2005	54	54	.06050
R	54 ALBENI FALLS	1971	2005	12	12	.06050
R	12 LOOKOUT POINT-DEXTER	1971	2005	54	54	.06050
R	54 ALBENI FALLS	1972	2005	11	11	.06050
R	11 LOOKOUT POINT-DEXTER	1972	2005	54	54	.06050
R	54 ALBENI FALLS	1973	2005	12	12	.06050
R	12					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
R	LOOKOUT POINT-DEXTER 55		1973	2005	55	55	.06050
R	ALBENI FALLS 12		1974	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54		1974	2005	54	54	.06050
R	ALBENI FALLS 11		1975	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54		1975	2005	54	54	.06050
R	ALBENI FALLS 12		1976	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54		1976	2005	54	54	.06050
R	ALBENI FALLS 12		1977	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54		1977	2005	54	54	.06050
R	ALBENI FALLS 11		1978	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54		1978	2005	54	54	.06050
R	ALBENI FALLS 12		1979	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 55		1979	2005	55	55	.06050
R	ALBENI FALLS 12		1980	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54		1980	2005	54	54	.06050
R	ALBENI FALLS 11		1981	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER		1981	2005	54	54	.06050

			Prtg.txt			
R	54					
	ALBENI FALLS	1982	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1982	2005	54	54	.06050
R	54					
	ALBENI FALLS	1983	2005	12	12	.06050
R	12					
	LOOKOUT POINT-DEXTER	1983	2005	54	54	.06050
R	54					
	ALBENI FALLS	1985	2005	7	7	.06050
	7					
	LOOKOUT POINT-DEXTER	1985	2005	56	56	.06050
	56					
	ALBENI FALLS	1986	2005	312	312	.06050
	312					
	LOOKOUT POINT-DEXTER	1986	2005	45	45	.06050
	45					
	ALBENI FALLS	1987	2005	12	12	.06050
	12					
	LOOKOUT POINT-DEXTER	1987	2005	9	9	.06050
	9					
	ALBENI FALLS	1955	2005	17,950	17,950	.06050
	17,950					
	CHIEF JOSEPH	1955	2005	2,409	2,409	.06050
	2,409					
	LOOKOUT POINT-DEXTER	1955	2005	30,265	30,265	.06050
	30,265					
	MCNARY	1955	2005	56,972	53,193	.06050
	53,193					
	BPA PROGRAM	1990	2030	3,008	2,697	.09250
	119					

	TOTAL					
	106,143					

APPLICATION OF AMORTIZATION
96 SUPPLEMENTAL RATE PROPOSAL

Prtg.txt
GENERATION FY 2000

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

+	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
2006	BONNEVILLE	78	2001	2006	78	78	.05440
	R						
	MCNARY	41,438	1956	2006	41,438	41,438	.06110
	CHIEF JOSEPH	14,590	1956	2006	14,590	14,590	.06110
	BPA PROGRAM	110	1990	2030	3,008	2,578	.09250
	BPA CONSERVATION	9,452	1992	2007	100,000	9,452	.07140
	FISH, WILDLIFE & ENVIRONMENTAL	20,000	1993	2008	20,000	20,000	.06950
	YAKIMA-ROZA	2	1987	2008	2	2	.06150
	MINIDOKA	17	1987	2008	17	17	.06150
	YAKIMA-ROZA	7	1986	2008	7	7	.06150
	MINIDOKA	23	1986	2008	23	23	.06150
	YAKIMA-ROZA	80	1985	2008	80	80	.06150
	MINIDOKA	23	1985	2008	23	23	.06150
	CHIEF JOSEPH	50	1985	2008	50	50	.06150

		Prtg.txt				
R	MINIDOKA	71	1983	2008	71	71 .06150
R	CHIEF JOSEPH	243	1983	2008	243	243 .06150
R	MINIDOKA	81	1982	2008	81	81 .06150
R	CHIEF JOSEPH	230	1982	2008	242	242 .06150
	MCNARY	26	1987	2007	26	26 .06130
	MCNARY	489	1986	2007	489	489 .06130
	MCNARY	599	1985	2007	599	599 .06130
R	MCNARY	503	1983	2007	503	503 .06130
R	MCNARY	502	1982	2007	502	502 .06130
R	MCNARY	503	1981	2007	503	503 .06130
R	MCNARY	503	1980	2007	503	503 .06130
R	MCNARY	503	1979	2007	503	503 .06130
R	MCNARY	503	1978	2007	503	503 .06130
R	MCNARY	502	1977	2007	502	502 .06130
R	MCNARY	444	1976	2007	503	503 .06130

TOTAL
91,572

2007	MCNARY	26,886	1957	2007	26,886	26,886 .06130
R	MCNARY	503	1958	2007	503	503 .06130

		Prtg.txt				
R	MCNARY	503	1959	2007	503	.06130
R	MCNARY	503	1960	2007	503	.06130
R	MCNARY	503	1961	2007	503	.06130
R	MCNARY	502	1962	2007	502	.06130
R	MCNARY	503	1963	2007	503	.06130
R	MCNARY	503	1964	2007	503	.06130
R	MCNARY	503	1965	2007	503	.06130

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	MCNARY	503	1966	2007	503	503	.06130
R	MCNARY	502	1967	2007	502	502	.06130
R	MCNARY	503	1968	2007	503	503	.06130
R	MCNARY	503	1969	2007	503	503	.06130
R	MCNARY	503	1970	2007	503	503	.06130

		Prtg.txt				
R	503					
	MCNARY	1971	2007	503	503	.06130
R	503					
	MCNARY	1972	2007	503	503	.06130
R	503					
	MCNARY	1973	2007	502	502	.06130
R	502					
	MCNARY	1974	2007	503	503	.06130
R	503					
	MCNARY	1975	2007	503	503	.06130
R	503					
	CHIEF JOSEPH	1957	2007	42,597	42,597	.06130
	42,597					
	MCNARY	1976	2007	503	59	.06130
R	59					
	BPA PROGRAM	1990	2030	3,008	2,468	.09250
	143					
	CHIEF JOSEPH	1982	2008	242	12	.06150
R	12					
	MINIDOKA	1981	2008	81	81	.06150
R	43					

	TOTAL					
	78,791					
2008	CHIEF JOSEPH	1958	2008	34,568	34,568	.06150
	34,568					
	THE DALLES	1958	2008	36,829	36,829	.06150
	36,829					
	YAKIMA-ROZA	1958	2008	577	577	.06150
	577					
	CHIEF JOSEPH	1959	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1960	2008	242	242	.06150
R	242					
	THE DALLES	2001	2008	45	45	.05478
R	45					
	CHIEF JOSEPH	1961	2008	242	242	.06150

		Prtg.txt				
R	242					
	CHIEF JOSEPH	1962	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1963	2008	243	243	.06150
R	243					
	CHIEF JOSEPH	1964	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1965	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1966	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1967	2008	242	242	.06150
R	242					
	DWORSHAK	2001	2008	17	17	.05478
R	17					
	CHIEF JOSEPH	1968	2008	243	243	.06150
R	243					
	CHIEF JOSEPH	1969	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1970	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1971	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1972	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1973	2008	243	243	.06150
R	243					
	CHIEF JOSEPH	1974	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1975	2008	242	242	.06150
R	242					

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APPLICATION OF AMORTIZATION
96 SUPPLEMENTAL RATE PROPOSAL

GENERATION FY 2000

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	CHIEF JOSEPH		1976	2008	242	242	.06150
R		242					
	CHIEF JOSEPH		1977	2008	242	242	.06150
R		242					
	MINIDOKA		1977	2008	61	61	.06150
R		61					
	CHIEF JOSEPH		1978	2008	243	243	.06150
R		243					
	MINIDOKA		1978	2008	81	81	.06150
R		81					
	CHIEF JOSEPH		1979	2008	242	242	.06150
R		242					
	MINIDOKA		1979	2008	81	81	.06150
R		81					
	CHIEF JOSEPH		1980	2008	242	242	.06150
R		242					
	MINIDOKA		1980	2008	81	81	.06150
R		81					
	CHIEF JOSEPH		1981	2008	242	242	.06150
R		242					
	LOWER SNAKE F AND W		2003	2008	46	46	.05440
R		46					
	MINIDOKA		1981	2008	81	38	.06150
R		38					
	BPA PROGRAM		1990	2030	3,008	2,325	.09250
		131					

	TOTAL	78,125					

		Prtg.txt				
2009	BPA CONSERVATION	1989	2009	40,000	40,000	.08550
	40,000					
	THE DALLES	2004	2009	41	41	.05440
R	41					
	THE DALLES	1959	2009	48,820	48,820	.05160
	48,820					
	LOWER MONUMENTAL	2001	2009	43	43	.05503
R	43					
	DETROIT-BIG CLIFF	2004	2009	2	2	.05440
R	2					
	GREEN PETER-FOSTER	2002	2009	17	17	.05478
R	17					
	BPA PROGRAM	1990	2030	3,008	2,194	.09250
	2,194					
	BPA PROGRAM	1993	2033	11,016	9,749	.08350
	3,239					

	TOTAL					
	94,356					
2010	FISH, WILDLIFE & ENVIRONMENTAL	1995	2010	22,900	22,900	.07200
	22,900					
	THE DALLES	1960	2010	43,044	43,044	.06180
	43,044					
	JOHN DAY	2005	2010	26	26	.05440
R	26					
	DETROIT-BIG CLIFF	2002	2010	30	30	.05503
R	30					
	ICE HARBOR	2002	2010	25	25	.05503
R	25					
	LOWER GRANITE	2003	2010	23	23	.05478
R	23					
	ALBENI FALLS	1995	2010	57	57	.06180
	57					
	ALBENI FALLS	1995	2010	18	18	.06180
	18					
	BONNEVILLE	1995	2010	26	26	.06180
	26					

		Prtg.txt				
	CHIEF JOSEPH	1995	2010	16	16	.06180
	16					
	MINIDOKA	1995	2010	85	85	.06180
	85					
	THE DALLES	1995	2010	12	12	.06180
	12					
	DETROIT-BIG CLIFF	2003	2010	4	4	.05478
R	4					
	BPA PROGRAM	1993	2033	11,016	6,510	.08350
	6,510					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	BPA CONSERVATION	32,906	1993	2013	50,000	50,000	.08050
	-----	-----					
	TOTAL	105,682					
2011	FISH, WILDLIFE & ENVIRONMENTAL	24,000	1996	2011	24,000	24,000	.06950
	BOISE	13	1996	2011	13	13	.06200
	MCNARY	28	2004	2011	28	28	.05478
R							

		Prtg.txt				
R	LOWER SNAKE F AND W 548	2004	2011	548	548	.05478
R	THE DALLES 10,499	1961	2011	10,499	10,499	.06200
R	LOWER MONUMENTAL 22	2004	2011	22	22	.05478
R	THE DALLES 62	1962	2011	62	62	.06200
R	THE DALLES 63	1963	2011	63	63	.06200
R	LITTLE GOOSE 11	2001	2011	11	11	.05553
R	LOOKOUT POINT-DEXTER 14	2004	2011	14	14	.05478
R	THE DALLES 63	1964	2011	63	63	.06200
R	LIBBY 61	2004	2011	61	61	.05478
R	THE DALLES 62	1965	2011	62	62	.06200
R	ICE HARBOR 14	2004	2011	14	14	.05478
R	THE DALLES 63	1966	2011	63	63	.06200
R	THE DALLES 63	1967	2011	63	63	.06200
R	THE DALLES 62	1968	2011	62	62	.06200
R	BONNEVILLE 105	2001	2011	105	105	.05553
R	THE DALLES 63	1969	2011	63	63	.06200
R	THE DALLES 63	1970	2011	63	63	.06200
R	THE DALLES 62	1971	2011	62	62	.06200
R	THE DALLES 63	1972	2011	63	63	.06200
R	THE DALLES 63	1973	2011	63	63	.06200

		Prtg.txt					
R	THE DALLES	63	1974	2011	62	62	.06200
R	THE DALLES	62	1975	2011	63	63	.06200
R	BONNEVILLE	63	2004	2011	6	6	.05478
R	THE DALLES	6	1976	2011	63	63	.06200
R	THE DALLES	63	1977	2011	62	62	.06200
R	THE DALLES	62	1978	2011	63	63	.06200
R	MCNARY	63	2003	2011	57	57	.05503
R	THE DALLES	57	1979	2011	63	63	.06200
R	COLUMBIA BASIN	63	1996	2011	47	47	.06200
	THE DALLES	47	1980	2011	62	62	.06200
R	THE DALLES	62	1981	2011	63	63	.06200
R	THE DALLES	63	1982	2011	63	63	.06200
R	THE DALLES	63	1983	2011	62	62	.06200
R	THE DALLES	62					

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(ALL AMOUNT IN \$1000)

PROJECT IN-SERVICE DUE GROSS NET RATE

REPLACEMENT		AMOUNT	Prtg.txt				
+							
	HUNGRY HORSE	64	1996	2011	64	64	.06200
	THE DALLES	106	1985	2011	106	106	.06200
	BONNEVILLE	78	2006	2011	78	78	.05440
R	THE DALLES	105	1986	2011	105	105	.06200
	THE DALLES	1,567	1987	2011	1,567	1,567	.06200
	LOOKOUT POINT-DEXTER	6	2003	2011	6	6	.05503
R	LITTLE GOOSE	39	2003	2011	39	39	.05503
R	HUNGRY HORSE	65	1996	2011	65	65	.06200
	BPA CONSERVATION	17,094	1993	2013	50,000	17,094	.08050
	BPA PROGRAM	8,509	1995	2025	8,509	8,509	.07700
	BUREAU DIRECT FUND	35,000	1995	2015	35,000	35,000	.07500
	BPA CONSERVATION	10,466	1995	2015	85,000	85,000	.07500
	TOTAL	109,902					
2012	FISH, WILDLIFE & ENVIRONMENTAL	27,000	1997	2012	27,000	27,000	.06600
	LOST CREEK	1	2005	2012	1	1	.05478
R	HILLS CREEK	10,304	1962	2012	10,304	10,304	.06220

	ICE HARBOR		Prtg.txt				
		49,280	1962	2012	49,280	49,280	.06220
R	HILLS CREEK	14	1963	2012	14	14	.06220
R	ICE HARBOR	51	1963	2012	51	51	.06220
R	JOHN DAY	4	2005	2012	4	4	.05478
R	HILLS CREEK	14	1964	2012	14	14	.06220
R	ICE HARBOR	51	1964	2012	51	51	.06220
R	HILLS CREEK	14	1965	2012	14	14	.06220
R	ICE HARBOR	52	1965	2012	52	52	.06220
R	HILLS CREEK	14	1966	2012	14	14	.06220
R	ICE HARBOR	51	1966	2012	51	51	.06220
R	HILLS CREEK	14	1967	2012	14	14	.06220
R	ICE HARBOR	51	1967	2012	51	51	.06220
R	HILLS CREEK	14	1968	2012	14	14	.06220
R	ICE HARBOR	52	1968	2012	52	52	.06220
R	HILLS CREEK	14	1969	2012	14	14	.06220
R	ICE HARBOR	51	1969	2012	51	51	.06220
	GREEN PETER-FOSTER	75	1997	2012	75	75	.06200
R	HILLS CREEK	14	1970	2012	14	14	.06220
R	ICE HARBOR	51	1970	2012	51	51	.06220
R	HILLS CREEK	14	1971	2012	14	14	.06220

			Prtg.txt				
R		14					
	ICE HARBOR		1971	2012	52	52	.06220
R		52					
	HILLS CREEK		1972	2012	14	14	.06220
R		14					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	ICE HARBOR		1972	2012	51	51	.06220
R		51					
	HILLS CREEK		1973	2012	14	14	.06220
R		14					
	ICE HARBOR		1973	2012	51	51	.06220
R		51					
	HILLS CREEK		1974	2012	14	14	.06220
R		14					
	ICE HARBOR		1974	2012	52	52	.06220
R		52					
	BOISE		1997	2012	89	89	.06200
		89					
	COUGAR		2004	2012	3	3	.05503
R		3					
	HILLS CREEK		1975	2012	14	14	.06220
R		14					
	ICE HARBOR		1975	2012	51	51	.06220
R		51					

			Prtg.txt				
R	HILLS CREEK	14	1976	2012	14	14	.06220
R	ICE HARBOR	51	1976	2012	51	51	.06220
R	HILLS CREEK	14	1977	2012	14	14	.06220
R	ICE HARBOR	52	1977	2012	52	52	.06220
R	HILLS CREEK	14	1978	2012	14	14	.06220
R	ICE HARBOR	51	1978	2012	51	51	.06220
R	HILLS CREEK	14	1979	2012	14	14	.06220
R	ICE HARBOR	51	1979	2012	51	51	.06220
R	HILLS CREEK	14	1980	2012	14	14	.06220
R	ICE HARBOR	52	1980	2012	52	52	.06220
R	HILLS CREEK	14	1981	2012	14	14	.06220
R	ICE HARBOR	77	2002	2012	77	77	.05553
R	ICE HARBOR	51	1981	2012	51	51	.06220
R	HILLS CREEK	14	1982	2012	14	14	.06220
R	ICE HARBOR	51	1982	2012	51	51	.06220
R	HILLS CREEK	14	1983	2012	14	14	.06220
R	ICE HARBOR	52	1983	2012	52	52	.06220
	HILLS CREEK	7	1985	2012	7	7	.06220
	ICE HARBOR	46	1985	2012	46	46	.06220
	ICE HARBOR	152	1986	2012	152	152	.06220

		Prtg.txt			
	152				
ICE HARBOR		1987	2012	4	4 .06220
	4				
BPA CONSERVATION		1995	2015	85,000	74,534 .07500
	32,838				

TOTAL	121,252				

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
2013	FISH, WILDLIFE & ENVIRONMENTAL	27,000	1998	2013	27,000	27,000	.06400
	LOWER SNAKE F AND W	46	2008	2013	46	46	.05440
R	LITTLE GOOSE	22	2006	2013	22	22	.05478
R	BOISE	90	1998	2013	90	90	.05850
	DWORSHAK	36	2005	2013	36	36	.05503
R	BONNEVILLE	137	2001	2013	137	137	.05583
R	DWORSHAK		2003	2013	176	176	.05553

R	176					
	LOWER SNAKE F AND W	2003	2013	997	997	.05553
R	997					
	BPA CONSERVATION	1993	2013	50,000	50,000	.07400
	50,000					
	BPA CONSERVATION	1993	2013	40,000	40,000	.06750
	40,000					
	COUGAR	2006	2013	2	2	.05478
R	2					
	BPA CONSERVATION	1995	2015	85,000	41,696	.07500
	41,696					
	BUREAU DIRECT FUND	1996	2041	39,700	39,700	.07240
	39,700					
	BPA PROGRAM	1996	2041	15,798	15,798	.07240
	15,798					
	BUREAU DIRECT FUND	1997	2042	17,300	17,300	.06930
	17,300					
	BPA PROGRAM	1997	2042	12,670	12,670	.06930
	12,670					
	BPA CONSERVATION	1996	2016	99,700	99,700	.07050
	33,595					

	TOTAL					
	279,265					
2014	FISH, WILDLIFE & ENVIRONMENTAL	1999	2014	27,000	27,000	.06380
	27,000					
	THE DALLES	2009	2014	41	41	.05440
R	41					
	COUGAR	1964	2014	10,173	10,173	.06260
	10,173					
	COUGAR	1965	2014	22	22	.06260
R	22					
	COUGAR	1966	2014	22	22	.06260
R	22					
	COUGAR	1967	2014	22	22	.06260
R	22					
	COUGAR	1968	2014	22	22	.06260

		Prtg.txt				
R	22					
	COUGAR	1969	2014	22	22	.06260
R	22					
	COUGAR	1970	2014	22	22	.06260
R	22					
	DETROIT-BIG CLIFF	2004	2014	22	22	.05553
R	22					
	COUGAR	1971	2014	22	22	.06260
R	22					
	COUGAR	1972	2014	22	22	.06260
R	22					
	COUGAR	1973	2014	22	22	.06260
R	22					
	COUGAR	1974	2014	22	22	.06260
R	22					
	COUGAR	1975	2014	22	22	.06260
R	22					
	DETROIT-BIG CLIFF	2002	2014	17	17	.05583
R	17					
	COUGAR	1976	2014	22	22	.06260
R	22					
	DETROIT-BIG CLIFF	2009	2014	2	2	.05440
R	2					
	COUGAR	1977	2014	22	22	.06260
R	22					
	COUGAR	1978	2014	22	22	.06260
R	22					

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PROJECT IN-SERVICE DUE GROSS NET RATE

REPLACEMENT		AMOUNT	Prtg.txt				
+							
	COUGAR		1979	2014	22	22	.06260
R		22					
	COUGAR		1980	2014	22	22	.06260
R		22					
	COUGAR		1981	2014	22	22	.06260
R		22					
	BOISE		1999	2014	69	69	.05650
		69					
	COUGAR		1982	2014	22	22	.06260
R		22					
	COUGAR		1983	2014	22	22	.06260
R		22					
	COUGAR		1985	2014	1	1	.06260
		1					
	COUGAR		1986	2014	117	117	.06260
		117					
	COUGAR		1987	2014	51	51	.06260
		51					
	BPA CONSERVATION		1994	2014	50,000	50,000	.06750
		50,000					
	BPA CONSERVATION		1996	2016	99,700	66,105	.07050
		66,105					
	BPA PROGRAM		1994	2034	14,278	14,278	.06850
		14,278					
	BUREAU DIRECT FUND		1998	2043	13,200	13,200	.06720
		13,200					
	BPA PROGRAM		1998	2043	14,883	14,883	.06720
		14,883					
	LIBBY		1989	2026	1	1	.06490
		1					
	LIBBY		1987	2026	2	2	.06490
		2					
	LIBBY		1986	2026	311	311	.06490
		311					
	LIBBY		1985	2026	570	570	.06490

		Prtg.txt				
	570					
	ICE HARBOR	1985	2026	23	23	.06490
	23					
	LIBBY	1983	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1982	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1981	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1980	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1979	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1978	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1977	2026	1,610	1,610	.06490
R	1,610					
	LIBBY	1976	2026	168,661	168,661	.06490
	86,280					

TOTAL
294,834

2015	FISH, WILDLIFE & ENVIRONMENTAL	2000	2015	27,000	27,000	.06360
	27,000					
	THE DALLES	2007	2015	67	67	.05503
R	67					
	MCNARY	2005	2015	156	156	.05553
R	156					
	LOWER GRANITE	2005	2015	856	856	.05553
R	856					
	THE DALLES	2008	2015	45	45	.05478
R	45					
	LOOKOUT POINT-DEXTER	2005	2015	101	101	.05553
R	101					
	DWORSHAK	2008	2015	17	17	.05478
R	17					
	LOWER SNAKE F AND W	2007	2015	105	105	.05503

		Prtg.txt				
R	105					
	ALBENI FALLS	2005	2015	1,074	1,074	.05553
R	1,074					
	ALBENI FALLS	2003	2015	117	117	.05583
R	117					

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
LOWER GRANITE		2007	2015	31	31	.05503
R	31					
MCNARY		2003	2015	97	97	.05583
R	97					
JOHN DAY		2010	2015	26	26	.05440
R	26					
GREEN PETER-FOSTER		2007	2015	13	13	.05503
R	13					
LOOKOUT POINT-DEXTER		2003	2015	37	37	.05583
R	37					
BOISE		2000	2015	25	25	.05630
	25					
LIBBY		1976	2026	168,661	82,381	.06490
	82,381					
ICE HARBOR		1976	2026	22,486	22,486	.06490
	22,486					
COLUMBIA BASIN - 3RD PWR HOUSE		1976	2026	45,432	45,432	.06490
	45,432					

		Prtg.txt				
	LOST CREEK	1987	2027	5	5	.06490
	5					
	LOST CREEK	1986	2027	7	7	.06490
	7					
	LOST CREEK	1985	2027	14	14	.06490
	14					
R	LOST CREEK	1983	2027	66	66	.06490
	66					
R	LOST CREEK	1982	2027	66	66	.06490
	66					
R	LOST CREEK	1981	2027	66	66	.06490
	66					
R	LOST CREEK	1980	2027	66	66	.06490
	66					
R	LOST CREEK	1979	2027	66	66	.06490
	66					
R	LOST CREEK	1978	2027	64	64	.06490
	64					
R	LOST CREEK	1977	2027	14,755	14,755	.06490
	14,755					
	COLUMBIA BASIN - 3RD PWR HOUSE	1977	2027	47,042	47,042	.06490
	47,042					
	CHIEF JOSEPH	1977	2027	33,539	33,539	.06490
	33,539					
	BONNEVILLE	1977	2027	17,225	17,225	.06490
	17,225					
	LITTLE GOOSE	1985	2028	51	51	.06490
	51					
	LOWER GRANITE	1978	2028	44,276	44,276	.06490
	19,582					

	TOTAL					
	312,680					
2016	GREEN PETER-FOSTER	2009	2016	17	17	.05478
	17					
R	YAKIMA-CHANDLER	2001	2016	23	23	.05629
	23					
R						

		Prtg.txt				
R	LITTLE GOOSE	2001	2016	1,495	1,495	.05629
	1,495					
R	BONNEVILLE	2011	2016	78	78	.05440
	78					
R	BONNEVILLE	2001	2016	2,417	2,417	.05629
	2,417					
R	LIBBY	2006	2016	61	61	.05553
	61					
R	YAKIMA-CHANDLER	2006	2016	55	55	.05553
	55					
	LOWER GRANITE	1978	2028	44,276	24,694	.06490
	24,694					
	LITTLE GOOSE	1978	2028	54,052	54,052	.06490
	54,052					
	COLUMBIA BASIN - 3RD PWR HOUSE	1978	2028	46,671	46,671	.06490
	46,671					
	CHIEF JOSEPH	1978	2028	83,229	83,229	.06490
	83,229					
	LOWER GRANITE	1994	2029	1,687	1,687	.06490
	1,687					
	LIBBY	1994	2029	312	312	.06490
	312					

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PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
LIBBY		1994	2029	237	237	.06490

		Prtg.txt				
R	237					
	CHIEF JOSEPH	1990	2029	4,958	4,958	.06490
	4,958					
	CHIEF JOSEPH	1989	2029	2,451	2,451	.06490
	2,451					
	CHIEF JOSEPH	1988	2029	2,996	2,996	.06490
	2,996					
	CHIEF JOSEPH	1987	2029	3,341	3,341	.06490
	3,341					
	CHIEF JOSEPH	1986	2029	5,902	5,902	.06490
	5,902					
	LOWER MONUMENTAL	1985	2029	279	279	.06490
	279					
	CHIEF JOSEPH	1985	2029	18,018	18,018	.06490
	18,018					
	LOWER MONUMENTAL	1979	2029	44,355	44,355	.06490
	44,355					
	COLUMBIA BASIN - 3RD PWR HOUSE	1979	2029	92,643	92,643	.06490
	46,661					

	TOTAL					
	343,989					

2017	BPA CONSERVATION	1997	2017	56,900	56,900	.06710
	56,900					
	MINIDOKA	2002	2017	117	117	.05629
R	117					
	LOWER GRANITE	2010	2017	23	23	.05478
R	23					
	MINIDOKA	2007	2017	15	15	.05553
R	15					
	COLUMBIA BASIN	1967	2017	858	858	.06320
	858					
	GREEN PETER-FOSTER	1967	2017	13,547	13,547	.06320
	13,547					
	BOISE	2002	2017	12	12	.05629
R	12					
	LOST CREEK	2007	2017	4	4	.05553

			Prtg.txt			
R		4				
	CHIEF JOSEPH		2002	2017	1,271	1,271 .05629
R		1,271				
	CHIEF JOSEPH		2007	2017	36	36 .05553
R		36				
	GREEN PETER-FOSTER		2007	2017	20	20 .05553
R		20				
	DETROIT-BIG CLIFF		2010	2017	4	4 .05478
R		4				
	LOWER GRANITE		1995	2017	404	404 .06320
		404				
	LOWER GRANITE		1995	2017	475	475 .06320
		475				
	LOWER GRANITE		1995	2017	79	79 .06320
		79				
	LOWER MONUMENTAL		2009	2017	43	43 .05503
R		43				
	COLUMBIA BASIN - 3RD PWR HOUSE		1979	2029	92,643	45,982 .06490
		45,982				
	CHIEF JOSEPH		1979	2029	66,118	66,118 .06490
		66,118				
	BONNEVILLE		1995	2030	60	60 .06490
		60				
	COLUMBIA BASIN		1995	2030	367	367 .06490
R		367				
	DWORSHAK		1995	2030	227	227 .06490
		227				
	HUNGRY HORSE		1995	2030	553	553 .06490
R		553				
	HUNGRY HORSE		1995	2030	1,275	1,275 .06490
R		1,275				
	HUNGRY HORSE		1995	2030	513	513 .06490
R		513				
	LIBBY		1995	2030	3,291	3,291 .06490
		3,291				
	LIBBY		1995	2030	97	97 .06490
		97				
	LIBBY		1995	2030	16	16 .06490
		16				

APPLICATION OF AMORTIZATION
96 SUPPLEMENTAL RATE PROPOSAL

GENERATION FY 2000

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R LIBBY	42	1995	2030	42	42	.06490
HILLS CREEK	137	1996	2031	137	137	.06490
R COLUMBIA BASIN	118	1996	2031	118	118	.06490
LOWER GRANITE	330	1996	2031	330	330	.06490
BOISE	238	1996	2031	238	238	.06490
BONNEVILLE - 2ND POWER HOUSE	45,122	1981	2031	45,122	45,122	.06490
BONNEVILLE - 2ND POWER HOUSE	224,281	1982	2032	224,281	224,281	.06490
CHIEF JOSEPH	361	1997	2032	361	361	.06490
R COLUMBIA BASIN	416	1997	2032	416	416	.06490
DWORSHAK	128	1997	2032	128	128	.06490
THE DALLES	513	1997	2032	513	513	.06490
MINIDOKA		1997	2032	188	188	.06490

Prtg.txt

	188					
	LOWER MONUMENTAL	1997	2032	188	188	.06490
	188					
	COLUMBIA BASIN - 3RD PWR HOUSE	1990	2033	7,041	7,041	.06490
	7,041					
	BONNEVILLE - 2ND POWER HOUSE	1990	2033	1,750	1,750	.06490
	1,390					

	TOTAL					
	472,800					
2018	BPA CONSERVATION	1998	2018	42,600	42,600	.06500
	42,600					
	MCNARY	2011	2018	28	28	.05478
R	28					
	LOWER SNAKE F AND W	2011	2018	548	548	.05478
R	548					
	LOWER MONUMENTAL	2011	2018	22	22	.05478
R	22					
	LITTLE GOOSE	2008	2018	1,000	1,000	.05553
R	1,000					
	LOOKOUT POINT-DEXTER	2011	2018	14	14	.05478
R	14					
	LOWER SNAKE F AND W	2013	2018	46	46	.05440
R	46					
	LIBBY	2011	2018	61	61	.05478
R	61					
	ICE HARBOR	2011	2018	14	14	.05478
R	14					
	GREEN PETER-FOSTER	1968	2018	13,828	13,828	.06340
	13,828					
	JOHN DAY	1968	2018	24,619	24,619	.06340
	24,619					
	BONNEVILLE	2011	2018	6	6	.05478
R	6					
	GREEN PETER-FOSTER	1969	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1970	2018	45	45	.06340

		Prtg.txt				
R	45 GREEN PETER-FOSTER	1971	2018	45	45	.06340
R	45 GREEN PETER-FOSTER	1972	2018	45	45	.06340
R	45 GREEN PETER-FOSTER	1973	2018	45	45	.06340
R	45 GREEN PETER-FOSTER	1974	2018	45	45	.06340
R	45 GREEN PETER-FOSTER	1975	2018	45	45	.06340
R	45 ICE HARBOR	2010	2018	25	25	.05503
R	25 DWORKSHAK	2003	2018	2,812	2,812	.05629
R	2,812 YAKIMA-ROZA	2003	2018	2	2	.05629
R	2					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
96 SUPPLEMENTAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+ _____	_____	_____	_____	_____	_____	_____
R GREEN PETER-FOSTER	45	1976	2018	45	45	.06340
R THE DALLES	1,741	2003	2018	1,741	1,741	.05629
R GREEN PETER-FOSTER	45	1977	2018	45	45	.06340

		Prtg.txt				
R	GREEN PETER-FOSTER 45	1978	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1979	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1980	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1981	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1982	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1983	2018	45	45	.06340
R	DETROIT-BIG CLIFF 30	2010	2018	30	30	.05503
	GREEN PETER-FOSTER 19	1985	2018	19	19	.06340
	GREEN PETER-FOSTER 3	1986	2018	3	3	.06340
R	JOHN DAY 150	2006	2018	150	150	.05583
	GREEN PETER-FOSTER 2	1987	2018	2	2	.06340
	BONNEVILLE - 2ND POWER HOUSE 360	1990	2033	1,750	360	.06490
	COLUMBIA BASIN - 3RD PWR HOUSE 12,026	1989	2033	12,026	12,026	.06490
	BONNEVILLE - 2ND POWER HOUSE 1,357	1989	2033	1,357	1,357	.06490
	COLUMBIA BASIN - 3RD PWR HOUSE 4,800	1988	2033	4,800	4,800	.06490
	BONNEVILLE - 2ND POWER HOUSE 1,402	1988	2033	1,402	1,402	.06490
	COLUMBIA BASIN - 3RD PWR HOUSE 15,928	1987	2033	15,928	15,928	.06490
	BONNEVILLE - 2ND POWER HOUSE 3,088	1987	2033	3,088	3,088	.06490
	COLUMBIA BASIN - 3RD PWR HOUSE 17,139	1986	2033	17,139	17,139	.06490
	BONNEVILLE - 2ND POWER HOUSE	1986	2033	33,705	33,705	.06490

				Prtg.txt			
	33,705						
COLUMBIA BASIN - 3RD PWR HOUSE	118	1985	2033	118	118	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE	46,077	1985	2033	46,077	46,077	.06490	
BONNEVILLE - 2ND POWER HOUSE	10,072	1985	2033	10,072	10,072	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE	14,552	1984	2033	14,552	14,552	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE	18,714	1984	2033	18,714	18,714	.06490	
LOWER SNAKE F AND W	10,870	1983	2033	10,870	10,870	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE	14,343	1983	2033	14,343	14,343	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE	786	1983	2033	786	786	.06490	
BONNEVILLE - 2ND POWER HOUSE	68,791	1983	2033	68,791	68,791	.06490	
LOWER SNAKE F AND W	52,317	1985	2035	52,317	52,317	.06490	
LOOKOUT POINT-DEXTER	146	1995	2035	146	146	.06490	
LOOKOUT POINT-DEXTER	17	1995	2035	17	17	.06490	
BONNEVILLE	113	1995	2035	113	113	.06490	
JOHN DAY	124	1995	2035	124	124	.06490	
JOHN DAY	54	1995	2035	54	54	.06490	
JOHN DAY	23	1995	2035	23	23	.06490	

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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
ICE HARBOR	189	1996	2036	189	189	.06490
ICE HARBOR	356	1996	2036	356	356	.06490
LOWER SNAKE F AND W	79,262	1987	2037	79,262	79,262	.06490
LOWER SNAKE F AND W	880	1988	2038	880	880	.06490
LIBBY	19,842	1988	2038	19,842	19,842	.06490
LOWER SNAKE F AND W	1,703	1990	2040	1,703	1,703	.06490
LITTLE GOOSE	766	1995	2040	766	766	.06490
LITTLE GOOSE	353	1995	2040	353	353	.06490
LITTLE GOOSE	17	1995	2040	17	17	.06490
LOWER SNAKE F AND W	4,827	1991	2041	4,827	4,827	.06490
LOWER SNAKE F AND W	78,440	1993	2043	78,440	78,440	.06490
BONNEVILLE - 2ND POWER HOUSE	6,242	1994	2044	6,242	6,242	.06490
LOWER SNAKE F AND W	5,059	1994	2044	5,059	5,059	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	13,832	1994	2044	13,832	13,832	.06490
CHIEF JOSEPH		1994	2044	4,399	4,399	.06490

			Prtg.txt			
	4,399					
R	LOOKOUT POINT-DEXTER	1995	2045	87	87	.06490
	87					
	BONNEVILLE	1995	2045	425	425	.06490
	425					
	LOOKOUT POINT-DEXTER	1995	2045	36	36	.06490
	36					
R	LOST CREEK	1995	2045	97	97	.06490
	97					
R	BONNEVILLE	1995	2045	345	345	.06490
	345					
	BONNEVILLE	1995	2045	3,953	3,953	.06490
	3,953					
R	BONNEVILLE	1995	2045	432	432	.06490
	432					
	BONNEVILLE	1995	2045	496	496	.06490
	496					
	LOWER MONUMENTAL	1995	2045	1,162	1,162	.06490
	1,162					
	CHIEF JOSEPH	1995	2045	822	822	.06490
	822					
	LOWER MONUMENTAL	1995	2045	43	43	.06490
	43					
	LOWER MONUMENTAL	1995	2045	101	101	.06490
	101					
	CHIEF JOSEPH	1995	2045	739	739	.06490
	739					
	CHIEF JOSEPH	1995	2045	151	151	.06490
	151					
	LOOKOUT POINT-DEXTER	1995	2045	180	180	.06490
	180					
	LOWER MONUMENTAL	1995	2045	625	625	.06490
	625					
R	CHIEF JOSEPH	1995	2045	584	584	.06490
	584					
	MCNARY	1995	2045	16	16	.06490
	16					
	MCNARY	1995	2045	542	542	.06490
	542					

		Prtg.txt				
	COLUMBIA BASIN	1995	2045	908	908	.06490
	908					
	COLUMBIA BASIN	1995	2045	519	519	.06490
	519					
R	COLUMBIA BASIN	1995	2045	384	384	.06490
	384					
	ALBENI FALLS	1995	2045	1,158	1,158	.06490
	1,158					
	COLUMBIA RIVER FISH MITIGATION	1995	2045	45,036	45,036	.06490
	45,036					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
ALBENI FALLS	550	1995	2045	550	550	.06490
DWORSHAK	1,202	1995	2045	1,202	1,202	.06490
HUNGRY HORSE	6,433	1995	2045	6,433	6,433	.06490
ALBENI FALLS	461	1995	2045	461	461	.06490
JOHN DAY	7,943	1995	2045	7,943	7,943	.06490
JOHN DAY	631	1995	2045	631	631	.06490
R LOOKOUT POINT-DEXTER		1995	2045	10	10	.06490

Prtg.txt

10
LITTLE GOOSE 1996 2046 4,463 4,463 .06490
2,867

TOTAL
710,272

2019 R THE DALLES 2009 2019 1 1 .05553
R BPA CONSERVATION 1999 2019 38,300 38,300 .06460
38,300
R THE DALLES 2014 2019 41 41 .05440
R LOST CREEK 2012 2019 1 1 .05478
R MCNARY 2011 2019 57 57 .05503
R THE DALLES 2004 2019 1,198 1,198 .05629
R THE DALLES 2007 2019 9 9 .05583
R LOOKOUT POINT-DEXTER 2011 2019 6 6 .05503
R JOHN DAY 2012 2019 4 4 .05478
R LITTLE GOOSE 2011 2019 39 39 .05503
R DETROIT-BIG CLIFF 2014 2019 2 2 .05440
R LOWER SNAKE F AND W 2007 2019 500 500 .05583
R JOHN DAY 1969 2019 108,929 108,929 .06360
108,929
R LOWER MONUMENTAL 1969 2019 28,431 28,431 .06360
28,431
R ICE HARBOR 1995 2019 883 883 .06360
R ICE HARBOR 1995 2019 87 87 .06360

		Prtg.txt				
	87					
	ICE HARBOR	1995	2019	178	178	.06360
	178					
	LOWER MONUMENTAL	2009	2019	11	11	.05553
R	11					
	DWORSHAK	1996	2046	535	535	.06490
	535					
	JOHN DAY	1996	2046	3,148	3,148	.06490
	3,148					
	LOOKOUT POINT-DEXTER	1996	2046	2,560	2,560	.06490
	2,560					
	LOOKOUT POINT-DEXTER	1996	2046	1,140	1,140	.06490
	1,140					
	DWORSHAK	1996	2046	1,065	1,065	.06490
	1,065					
	COLUMBIA BASIN	1996	2046	5,428	5,428	.06490
R	5,428					
	LOWER GRANITE	1996	2046	3,956	3,956	.06490
	3,956					
	JOHN DAY	1996	2046	11,249	11,249	.06490
	11,249					
	LOWER MONUMENTAL	1996	2046	894	894	.06490
	894					
	COLUMBIA BASIN	1996	2046	435	435	.06490
	435					
	LOWER SNAKE F AND W	1996	2046	8,555	8,555	.06490
	8,555					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT IN-SERVICE DUE GROSS NET RATE

REPLACEMENT		AMOUNT	Prtg.txt				
+							
	COLUMBIA RIVER FISH MITIGATION	55,608	1996	2046	55,608	55,608	.06490
	HUNGRY HORSE	1,758	1996	2046	1,758	1,758	.06490
R	BOISE	1,258	1996	2046	1,258	1,258	.06490
	BOISE	480	1996	2046	480	480	.06490
	MCNARY	1,475	1996	2046	1,475	1,475	.06490
	BOISE	714	1996	2046	714	714	.06490
	LIBBY	2,050	1996	2046	2,050	2,050	.06490
	BONNEVILLE	43,359	1996	2046	43,359	43,359	.06490
	BONNEVILLE	2,144	1996	2046	2,144	2,144	.06490
R	COLUMBIA BASIN	1,188	1996	2046	1,188	1,188	.06490
	MINIDOKA	2,255	1996	2046	2,255	2,255	.06490
R	BONNEVILLE	2,144	1996	2046	2,144	2,144	.06490
	THE DALLES	15,810	1996	2046	15,810	15,810	.06490
	BONNEVILLE	2,241	1996	2046	2,241	2,241	.06490
	COLUMBIA BASIN	251	1996	2046	251	251	.06490
	LITTLE GOOSE	1,596	1996	2046	4,463	1,596	.06490
	THE DALLES	2,780	1996	2046	2,780	2,780	.06490
	CHIEF JOSEPH		1996	2046	526	526	.06490

		Prtg.txt				
	526					
	CHIEF JOSEPH	1996	2046	647	647	.06490
	647					
	COLUMBIA BASIN	1996	2046	368	368	.06490
	368					
	LIBBY	1996	2046	531	531	.06490
	531					
	ALBENI FALLS	1996	2046	781	781	.06490
	781					
	COLUMBIA BASIN	1996	2046	1,733	1,733	.06490
	1,733					
	ALBENI FALLS	1997	2047	341	341	.06490
	341					
	BOISE	1997	2047	129	129	.06490
R	129					
	BONNEVILLE	1997	2047	12,429	12,429	.06490
	12,429					
	BONNEVILLE	1997	2047	802	802	.06490
	802					
	BONNEVILLE	1997	2047	802	802	.06490
R	802					
	COLUMBIA BASIN	1997	2047	4,915	4,915	.06490
	4,915					
	COLUMBIA RIVER FISH MITIGATION	1997	2047	73,757	73,757	.06490
	73,757					
	HUNGRY HORSE	1997	2047	462	462	.06490
R	462					
	ICE HARBOR	1997	2047	1,335	1,335	.06490
	1,335					
	LIBBY	1997	2047	1,335	1,335	.06490
	1,335					
	MINIDOKA	1997	2047	46,867	46,867	.06490
	46,867					
	LOWER SNAKE F AND W	1997	2047	3,901	3,901	.06490
	3,901					
	LOWER GRANITE	1982	2025	566	566	.06470
R	566					
	LOWER GRANITE	1981	2025	565	565	.06470
R	565					

	LOWER GRANITE	Prtg.txt 1986	2025	238	238	.06470
	238					
	LOWER GRANITE	1980	2025	565	565	.06470
R	565					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	LOWER GRANITE		1979	2025	566	566	.06470
R	566						
	LOWER GRANITE		1983	2025	565	565	.06470
R	565						
	LOWER GRANITE		1978	2025	565	565	.06470
R	565						
	LOWER GRANITE		1977	2025	565	565	.06470
R	565						
	LOWER GRANITE		1985	2025	364	364	.06470
	364						
	LOWER GRANITE		1976	2025	565	565	.06470
R	565						
	LOWER GRANITE		1975	2025	130,405	130,405	.06470
	13,862						

	TOTAL	525,400					

2020	BPA CONSERVATION	Prtg.txt	2000	2020	30,800	30,800	.06390
	30,800						
	LOWER GRANITE		2005	2020	2,439	2,439	.05629
R	2,439						
	COUGAR		2012	2020	3	3	.05503
R	3						
	JOHN DAY		1995	2020	82	82	.06380
	82						
	JOHN DAY		1970	2020	26,724	26,724	.06380
	26,724						
	LITTLE GOOSE		1970	2020	24,063	24,063	.06380
	24,063						
	LOWER MONUMENTAL		1970	2020	57,858	57,858	.06380
	57,858						
	LOWER MONUMENTAL		1971	2020	242	242	.06380
R	242						
	COUGAR		2013	2020	2	2	.05478
R	2						
	LOWER MONUMENTAL		1972	2020	242	242	.06380
R	242						
	LITTLE GOOSE		2013	2020	22	22	.05478
R	22						
	HUNGRY HORSE		1995	2020	176	176	.06380
R	176						
	LOWER MONUMENTAL		1973	2020	242	242	.06380
R	242						
	JOHN DAY		2010	2020	39	39	.05553
R	39						
	LOWER MONUMENTAL		1974	2020	242	242	.06380
R	242						
	GREEN PETER-FOSTER		1995	2020	11	11	.06380
	11						
	GREEN PETER-FOSTER		1995	2020	25	25	.06380
R	25						
	LOWER MONUMENTAL		1975	2020	242	242	.06380
R	242						
	JOHN DAY		2015	2020	26	26	.05440
R	26						
	LOWER MONUMENTAL		1981	2020	242	242	.06380

		Prtg.txt				
R	242 LOWER MONUMENTAL	1982	2020	242	242	.06380
R	242 LOWER MONUMENTAL	1987	2020	4	4	.06380
	4 LOWER MONUMENTAL	1976	2020	242	242	.06380
R	242 LOWER MONUMENTAL	1985	2020	9	9	.06380
	9 LOWER MONUMENTAL	1977	2020	242	242	.06380
R	242 BONNEVILLE	1995	2020	22	22	.06380
R	22 BONNEVILLE	1995	2020	23	23	.06380
R	23 COLUMBIA BASIN	1995	2020	221	221	.06380
	221 LOWER MONUMENTAL	1978	2020	242	242	.06380
R	242 LOWER MONUMENTAL	1983	2020	242	242	.06380
R	242					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
96 SUPPLEMENTAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____
LOWER MONUMENTAL	242	1979	2020	242	242	.06380
R	242					

		Prtg.txt				
R	LOWER MONUMENTAL 242	1980	2020	242	242	.06380
	LOWER MONUMENTAL 149	1986	2020	149	149	.06380
	LOWER GRANITE 116,543	1975	2025	130,405	116,543	.06470
	LIBBY 53,102	1975	2025	53,102	53,102	.06470
	COLUMBIA BASIN - 3RD PWR HOUSE 43,303	1975	2025	43,303	43,303	.06470
	LOWER GRANITE 9	1987	2025	9	9	.06470
	BPA PROGRAM 14,079	1999	2044	14,079	14,079	.06610
	BUREAU DIRECT FUND 36,100	1999	2044	36,100	36,100	.06610
	THE DALLES 8,044	1974	2024	8,044	8,044	.06450
R	DWORSHAK 578	1980	2023	578	578	.06430
R	DWORSHAK 578	1979	2023	578	578	.06430
R	DWORSHAK 578	1981	2023	578	578	.06430
R	DWORSHAK 220	1986	2023	220	220	.06430
R	DWORSHAK 578	1978	2023	578	578	.06430
R	DWORSHAK 578	1977	2023	578	578	.06430
R	DWORSHAK 578	1982	2023	578	578	.06430
R	DWORSHAK 578	1976	2023	578	578	.06430
R	DWORSHAK 584	1983	2023	584	584	.06430
R	DWORSHAK 578	1975	2023	578	578	.06430
R	DWORSHAK 578	1985	2023	1,273	1,273	.06430

		Prtg.txt				
	1,273					
R	DWORSHAK	1974	2023	575	575	.06430
	575					
	THE DALLES	1973	2023	24,441	24,441	.06430
	24,441					
	DWORSHAK	1973	2023	148,459	148,459	.06430
	141,906					

	TOTAL					
	590,647					
2021	LITTLE GOOSE	1985	2021	196	196	.06390
	196					
R	DWORSHAK	2013	2021	36	36	.05503
	36					
R	LITTLE GOOSE	2011	2021	11	11	.05553
	11					
R	BOISE	1996	2021	88	88	.06390
	88					
R	BONNEVILLE	2001	2021	583	583	.05705
	583					
R	BONNEVILLE	2011	2021	105	105	.05553
	105					
R	LIBBY	2006	2021	1,687	1,687	.05629
	1,687					
R	HUNGRY HORSE	1996	2021	140	140	.06390
	140					
	JOHN DAY	1971	2021	39,419	39,419	.06390
	39,419					
	LITTLE GOOSE	1971	2021	48,422	48,422	.06390
	48,422					
R	LITTLE GOOSE	1972	2021	32	32	.06390
	32					
R	LITTLE GOOSE	1973	2021	33	33	.06390
	33					
R	LITTLE GOOSE	1974	2021	32	32	.06390
	32					

APPLICATION OF AMORTIZATION
96 SUPPLEMENAL RATE PROPOSAL

GENERATION FY 2000

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	MINIDOKA		1996	2021	146	146	.06390
R		146					
	LITTLE GOOSE		1987	2021	6	6	.06390
		6					
	LITTLE GOOSE		1975	2021	33	33	.06390
R		33					
	LITTLE GOOSE		1982	2021	32	32	.06390
R		32					
	LITTLE GOOSE		1976	2021	32	32	.06390
R		32					
	LITTLE GOOSE		1980	2021	32	32	.06390
R		32					
	LITTLE GOOSE		1979	2021	33	33	.06390
R		33					
	LITTLE GOOSE		1981	2021	33	33	.06390
R		33					
	LITTLE GOOSE		1986	2021	270	270	.06390
		270					
	LITTLE GOOSE		1977	2021	33	33	.06390
R		33					
	DWORSHAK		2009	2021	52	52	.05583
R		52					
	YAKIMA-ROZA		1996	2021	341	341	.06390
R		341					

		Prtg.txt				
R	BONNEVILLE	2016	2021	78	78	.05440
	78					
R	LITTLE GOOSE	1983	2021	33	33	.06390
	33					
R	LITTLE GOOSE	1978	2021	32	32	.06390
	32					
	DWORSHAK	1973	2023	148,459	6,553	.06430
	6,553					
	DWORSHAK	1987	2023	6	6	.06430
	6					
	JOHN DAY	1985	2022	7,285	7,285	.06410
	7,285					
	JOHN DAY	1992	2022	21	21	.06410
	21					
	YAKIMA-CHANDLER	1956	2022	796	796	.06410
	796					
	JOHN DAY	1986	2022	3,622	3,622	.06410
	3,622					
	JOHN DAY	1989	2022	34	34	.06410
	34					
	JOHN DAY	1972	2022	12,911	12,911	.06410
	12,911					
	YAKIMA-CHANDLER	1986	2022	506	506	.06410
	506					
	JOHN DAY	1987	2022	792	792	.06410
	792					
	JOHN DAY	1990	2022	41	41	.06410
	41					
	YAKIMA-CHANDLER	1966	2022	1	1	.06410
R	1					
	YAKIMA-CHANDLER	1965	2022	1	1	.06410
R	1					
	YAKIMA-CHANDLER	1964	2022	1	1	.06410
R	1					
	YAKIMA-CHANDLER	1963	2022	1	1	.06410
R	1					
	YAKIMA-CHANDLER	1962	2022	1	1	.06410
R	1					
	YAKIMA-CHANDLER	1961	2022	1	1	.06410

		Prtg.txt				
R	1					
	YAKIMA-CHANDLER	1960	2022	1	1	.06410
R	1					
	YAKIMA-CHANDLER	1959	2022	2	2	.06410
R	2					
	JOHN DAY	1997	2022	162	162	.06390
	162					
	BPA PROGRAM	2000	2045	14,374	14,374	.06460
	14,374					
	BUREAU DIRECT FUND	2000	2045	51,500	51,500	.06460
	51,500					
	MINIDOKA	1998	2033	277	277	.06180
	277					
	MINIDOKA	1998	2033	128	128	.06180
	128					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT						
	HUNGRY HORSE	262	1998	2033	262	262	.06180
	COLUMBIA BASIN	898	1998	2033	898	898	.06180
R	COLUMBIA BASIN	357	1998	2033	357	357	.06180
	LOWER SNAKE F AND W	2,768	1998	2048	2,768	2,768	.06180

		Prtg.txt				
	COLUMBIA RIVER FISH MITIGATION	1998	2048	137,104	137,104	.06180
	137,104					
	BONNEVILLE	1998	2048	22,149	22,149	.06180
	22,149					
R	HUNGRY HORSE	1998	2048	217	217	.06180
	217					
R	YAKIMA-ROZA	1998	2023	43	43	.06070
	43					
R	HUNGRY HORSE	1999	2034	74	74	.05970
	74					
	LOWER SNAKE F AND W	1999	2034	205	205	.05970
	205					
	COLUMBIA BASIN	1999	2034	104	104	.05970
	104					
	COLUMBIA RIVER FISH MITIGATION	1999	2049	37,360	37,360	.05970
	37,360					
	BONNEVILLE	1999	2049	12,609	12,609	.05970
	12,609					
	BOISE	1999	2049	165	165	.05970
R	165					
R	COLUMBIA BASIN	1999	2049	2,581	2,581	.05970
	2,581					
	MINIDOKA	1999	2024	66	66	.05860
	66					
R	COLUMBIA BASIN	2000	2050	1,239	1,239	.05860
	1,239					
R	HUNGRY HORSE	2000	2050	35	35	.05860
	35					
R	HUNGRY HORSE	2000	2050	306	306	.05860
	306					
	COLUMBIA RIVER FISH MITIGATION	2000	2050	41,033	41,033	.05860
	41,033					
	BONNEVILLE	2000	2050	12,889	12,889	.05860
	12,889					
	BOISE	2000	2050	188	188	.05860
R	188					
	COLUMBIA BASIN	2000	2050	2,077	2,077	.05860
	2,077					
	LITTLE GOOSE	2001	2031	233	233	.05858

		Prtg.txt				
R	233					
	LOWER GRANITE	2005	2035	642	642	.05858
R	642					
	GREEN PETER-FOSTER	2002	2037	3,620	3,620	.05858
R	3,620					
	COLUMBIA BASIN	2007	2037	1,919	1,919	.05858
R	1,919					
	LOST CREEK	2007	2037	17	17	.05858
R	17					
	MINIDOKA	2007	2037	65	65	.05858
R	65					
	GREEN PETER-FOSTER	2003	2038	1,782	1,782	.05858
R	1,782					
	COLUMBIA BASIN	2008	2038	2,153	2,153	.05858
R	2,153					
	LOWER MONUMENTAL	2004	2039	9,896	9,896	.05858
R	9,896					
	JOHN DAY	2005	2040	43,611	43,611	.05858
R	43,611					
	LITTLE GOOSE	2006	2041	12,076	12,076	.05858
R	12,076					
	ICE HARBOR	2002	2042	11,132	11,132	.05858
R	11,132					
	HILLS CREEK	2002	2042	1,517	1,517	.05858
R	1,517					
	HUNGRY HORSE	2013	2043	434	434	.05858
R	434					
	LOWER SNAKE F AND W	2013	2043	2,128	2,128	.05858
R	2,128					
	DWORSHAK	2008	2043	11,914	11,914	.05858
R	11,914					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	R	THE DALLES 18,230	2008	2043	18,230	18,230	.05858
	R	COUGAR 1,489	2004	2044	1,489	1,489	.05858
	R	LOWER GRANITE 8,134	2010	2045	8,134	8,134	.05858
	R	BONNEVILLE 47,950	2011	2046	68,928	68,928	.05858
		----- TOTAL 644,658					
2022	R	THE DALLES 45	2015	2022	45	45	.05478
	R	ICE HARBOR 77	2012	2022	77	77	.05553
	R	HILLS CREEK 47	2002	2022	47	47	.05705
	R	MINIDOKA 78	2007	2022	78	78	.05629
	R	LOST CREEK 35	2007	2022	35	35	.05629
	R	COLUMBIA BASIN 776	2007	2022	776	776	.05629
	R	ICE HARBOR 802	2007	2022	802	802	.05629
	R	HILLS CREEK 458	2007	2022	458	458	.05629
	R	DWORSHAK 17	2015	2022	17	17	.05478

		Prtg.txt				
R	ICE HARBOR	2002	2022	1,395	1,395	.05705
	1,395					
R	BONNEVILLE	2011	2046	68,928	20,978	.05858
	20,978					
R	ICE HARBOR	2011	2046	6,206	6,206	.05858
	6,206					
R	LIBBY	2011	2046	9,330	9,330	.05858
	9,330					
R	YAKIMA-CHANDLER	2001	2046	709	709	.05858
	709					
R	YAKIMA-CHANDLER	2016	2046	55	55	.05858
	55					
R	BOISE	2007	2047	735	735	.05858
	735					
R	MINIDOKA	2002	2047	3,681	3,681	.05858
	3,681					
R	MINIDOKA	2017	2047	80	80	.05858
	80					
R	BOISE	2017	2047	61	61	.05858
	61					
R	BONNEVILLE	2012	2047	50	50	.05858
	50					
R	LOST CREEK	2012	2047	1,462	1,462	.05858
	1,462					
R	GREEN PETER-FOSTER	2007	2047	1,871	1,871	.05858
	1,871					
R	CHIEF JOSEPH	2013	2048	62,045	62,045	.05858
	62,045					
R	LITTLE GOOSE	2013	2048	9,423	9,423	.05858
	9,423					
R	COLUMBIA BASIN	2013	2048	50,292	50,292	.05858
	50,292					
R	LOWER GRANITE	2013	2048	9,580	9,580	.05858
	9,580					
R	YAKIMA-ROZA	2003	2048	193	193	.05858
	193					
R	GREEN PETER-FOSTER	2008	2048	1,609	1,609	.05858
	1,609					
R	YAKIMA-ROZA	2018	2048	4	4	.05858

		Prtg.txt				
R	4					
	LOWER MONUMENTAL	2009	2049	10,138	10,138	.05858
R	10,138					
	LOWER MONUMENTAL	2014	2049	9,103	9,103	.05858
R	9,103					
	JOHN DAY	2010	2050	27,187	27,187	.05858
R	27,187					
	LITTLE GOOSE	2011	2051	10,134	10,134	.05858
R	10,134					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	HILLS CREEK		2007	2052	83	83	.05858
R	83						
	BONNEVILLE		2017	2052	66,252	66,252	.05858
R	66,252						
	COLUMBIA BASIN		2017	2052	36,325	36,325	.05858
R	36,325						
	ICE HARBOR		2007	2052	162	162	.05858
R	162						
	ICE HARBOR		2022	2052	568	568	.05858
R	568						
	MINIDOKA		2007	2052	5,619	5,619	.05858
R	5,619						
	HUNGRY HORSE		2003	2053	42,344	42,344	.05858
R	42,344						

		Prtg.txt				
R	LOWER SNAKE F AND W	2018	2053	1,094	1,094	.05858
	1,094					
R	DWORSHAK	2013	2053	7,404	7,404	.05858
	7,404					
R	THE DALLES	2013	2053	14,760	14,760	.05858
	14,760					
R	DETROIT-BIG CLIFF	2004	2054	2,630	2,630	.05858
	2,630					
R	DETROIT-BIG CLIFF	2004	2054	532	532	.05858
	532					
R	LOWER GRANITE	2015	2055	6,784	6,784	.05858
	6,784					
R	LIBBY	2020	2055	6,755	6,755	.05858
	6,755					
R	ALBENI FALLS	2005	2055	2,126	2,126	.05858
	2,126					
R	LOOKOUT POINT-DEXTER	2005	2055	479	479	.05858
	479					
R	LOOKOUT POINT-DEXTER	2005	2055	3,836	3,836	.05858
	3,836					
R	MCNARY	2005	2055	19,343	19,343	.05858
	19,343					
R	YAKIMA-CHANDLER	2006	2056	3,027	3,027	.05858
	3,027					
R	ICE HARBOR	2016	2056	4,164	4,164	.05858
	4,164					
R	LIBBY	2016	2056	13,936	13,936	.05858
	13,936					
R	CHIEF JOSEPH	2007	2057	10,393	10,393	.05858
	10,393					
R	MINIDOKA	2022	2057	2,855	2,855	.05858
	2,855					
R	MINIDOKA	2007	2057	6,530	6,530	.05858
	6,530					
R	BONNEVILLE	2017	2057	256	256	.05858
	256					
R	LOST CREEK	2017	2057	1,141	1,141	.05858
	1,141					
R	LITTLE GOOSE	2018	2058	8,450	8,450	.05858

		Prtg.txt				
R	8,450					
	LOWER GRANITE	2018	2058	7,440	7,440	.05858
R	7,440					
	COLUMBIA BASIN	2018	2058	175,589	175,589	.05858
R	168,391					

	TOTAL					
	682,335					

2023	GREEN PETER-FOSTER	2016	2023	17	17	.05478
R	17					
	LOWER SNAKE F AND W	2003	2023	5,011	5,011	.05705
R	5,011					
	DWORSHAK	2013	2023	176	176	.05553
R	176					
	THE DALLES	2015	2023	67	67	.05503
R	67					
	LOWER GRANITE	2008	2023	301	301	.05629
R	301					
	LOWER GRANITE	2011	2023	20	20	.05583
R	20					
	LOWER SNAKE F AND W	2018	2023	46	46	.05440
R	46					
	LOWER SNAKE F AND W	2013	2023	997	997	.05553
R	997					

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YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
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		Prtg.txt				
R	LOWER SNAKE F AND W 105	2015	2023	105	105	.05503
R	LOWER GRANITE 31	2015	2023	31	31	.05503
R	COLUMBIA BASIN 1,047	2008	2023	1,047	1,047	.05629
R	CHIEF JOSEPH 180	2008	2023	180	180	.05629
R	GREEN PETER-FOSTER 13	2015	2023	13	13	.05503
R	HUNGRY HORSE 3,072	2023	2058	3,072	3,072	.05858
R	COLUMBIA BASIN 7,198	2018	2058	175,589	7,198	.05858
R	CHIEF JOSEPH 39,648	2018	2058	39,648	39,648	.05858
R	YAKIMA-ROZA 338	2008	2058	338	338	.05858
R	LOWER MONUMENTAL 6,609	2019	2059	6,609	6,609	.05858
R	THE DALLES 18,414	2009	2059	18,414	18,414	.05858
R	BONNEVILLE 60,771	2021	2061	60,771	60,771	.05858
R	BOISE 701	2017	2062	701	701	.05858
R	BONNEVILLE 59,215	2022	2062	59,215	59,215	.05858
R	HILLS CREEK 480	2012	2062	480	480	.05858
R	ICE HARBOR 3,780	2012	2062	3,780	3,780	.05858
R	LOWER SNAKE F AND W 6,901	2023	2063	6,901	6,901	.05858
R	COUGAR 607	2014	2064	607	607	.05858

		Prtg.txt				
R	ICE HARBOR	2021	2066	26	26	.05858
	26					
R	GREEN PETER-FOSTER	2017	2067	1,498	1,498	.05858
	1,498					
R	LOST CREEK	2022	2067	494	494	.05858
	494					
R	MINIDOKA	2017	2067	4,353	4,353	.05858
	4,353					
R	GREEN PETER-FOSTER	2018	2068	263	263	.05858
	263					
R	LITTLE GOOSE	2023	2068	121	121	.05858
	121					
R	COLUMBIA BASIN	2023	2068	54,772	54,772	.05858
	54,772					
R	LOWER MONUMENTAL	2019	2069	3,957	3,957	.05858
	3,957					
R	JOHN DAY	2020	2070	8,818	8,818	.05858
	8,818					
R	LITTLE GOOSE	2021	2071	3,426	3,426	.05858
	3,426					
R	DWORSHAK	2023	2073	1,678	1,678	.05858
	1,678					
R	THE DALLES	2023	2073	5,484	5,484	.05858
	5,484					
R	ICE HARBOR	2001	2026	41	41	.05781
	41					
R	LIBBY	2001	2026	2,340	2,340	.05781
	2,340					
R	BOISE	2002	2027	2,369	2,369	.05781
	2,369					
R	LOST CREEK	2002	2027	154	154	.05781
	154					
R	BONNEVILLE	2002	2027	13	13	.05781
	13					
R	LOWER GRANITE	2003	2028	112	112	.05781
	112					
R	LITTLE GOOSE	2003	2028	36	36	.05781
	36					
R	CHIEF JOSEPH	2003	2028	304	304	.05781

			Prtg.txt				
R		304					
	COLUMBIA BASIN		2003	2028	50,459	50,459	.05781
R		50,459					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	HUNGRY HORSE		2003	2028	9,840	9,840	.05781
R		9,840					
	DETROIT-BIG CLIFF		2004	2029	581	581	.05781
R		581					
	LOWER MONUMENTAL		2004	2029	39	39	.05781
R		39					
	DETROIT-BIG CLIFF		2004	2029	196	196	.05781
R		196					
	ALBENI FALLS		2005	2030	2,266	2,266	.05781
R		2,266					
	LOOKOUT POINT-DEXTER		2005	2030	508	508	.05781
R		508					
	MCNARY		2005	2030	878	878	.05781
R		878					
	YAKIMA-CHANDLER		2006	2031	864	864	.05781
R		864					
	CHIEF JOSEPH		2007	2032	3,731	3,731	.05781
R		3,731					
	BONNEVILLE		2007	2032	4,021	4,021	.05781
R		4,021					

		Prtg.txt				
R	MINIDOKA	2007	2032	2,152	2,152	.05781
	2,152					
R	LOWER SNAKE F AND W	2008	2033	969	969	.05781
	969					
R	YAKIMA-ROZA	2008	2033	97	97	.05781
	97					
R	THE DALLES	2009	2034	2,418	2,418	.05781
	2,418					
R	LIBBY	2010	2035	249	249	.05781
	249					
R	HILLS CREEK	2012	2037	145	145	.05781
	145					
R	ICE HARBOR	2012	2037	1,522	1,522	.05781
	1,522					
R	COUGAR	2014	2039	126	126	.05781
	126					
R	BONNEVILLE	2016	2041	2,432	2,432	.05781
	2,432					
R	GREEN PETER-FOSTER	2017	2042	420	420	.05781
	420					
R	MINIDOKA	2017	2042	1,802	1,802	.05781
	1,802					
R	GREEN PETER-FOSTER	2018	2043	152	152	.05781
	152					
R	LOWER MONUMENTAL	2019	2044	820	820	.05781
	820					
R	JOHN DAY	2020	2045	3,329	3,329	.05781
	3,329					
R	LITTLE GOOSE	2021	2046	939	939	.05781
	939					
R	COLUMBIA BASIN	2022	2047	42,907	42,907	.05781
	42,907					
R	DWORSHAK	2023	2048	7,086	7,086	.05781
	7,086					
R	THE DALLES	2023	2048	214	214	.05781
	214					
R	COUGAR	2004	2024	67	67	.05705
	67					
R	COLUMBIA BASIN	2007	2027	4,335	4,335	.05705

		Prtg.txt				
R	4,335					
	GREEN PETER-FOSTER	2007	2027	127	127	.05705
R	127					
	BOISE	2007	2027	130	130	.05705
R	130					
	GREEN PETER-FOSTER	2008	2028	65	65	.05705
R	65					
	LOWER MONUMENTAL	2009	2029	296	296	.05705
R	296					
	JOHN DAY	2010	2030	614	614	.05705
R	614					
	LITTLE GOOSE	2011	2031	428	428	.05705
R	428					
	THE DALLES	2013	2033	1,847	1,847	.05705
R	1,847					
	HUNGRY HORSE	2013	2033	647	647	.05705
R	647					
	DWORSHAK	2013	2033	3,282	3,282	.05705
R	3,282					

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(ALL AMOUNT IN \$1000)

PROJECT		IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT	AMOUNT					
+	-----	-----	-----	-----	-----	-----
	DETROIT-BIG CLIFF	2014	2034	106	106	.05705
R	106					
	LOOKOUT POINT-DEXTER	2015	2035	33	33	.05705
R	33					

		Prtg.txt				
R	LOWER GRANITE	2015	2035	981	981	.05705
	981					
R	LOOKOUT POINT-DEXTER	2015	2035	417	417	.05705
	417					
R	MCNARY	2015	2035	1,188	1,188	.05705
	1,188					
R	ALBENI FALLS	2015	2035	833	833	.05705
	833					
R	ICE HARBOR	2016	2036	187	187	.05705
	187					
R	LIBBY	2016	2036	593	593	.05705
	593					
R	YAKIMA-CHANDLER	2016	2036	83	83	.05705
	83					
R	LOST CREEK	2017	2037	71	71	.05705
	71					
R	CHIEF JOSEPH	2017	2037	1,942	1,942	.05705
	1,942					
R	MINIDOKA	2017	2037	255	255	.05705
	255					
R	MINIDOKA	2017	2037	86	86	.05705
	86					
R	COLUMBIA BASIN	2018	2038	5,071	5,071	.05705
	5,071					
R	LOWER GRANITE	2018	2038	301	301	.05705
	301					
R	CHIEF JOSEPH	2018	2038	630	630	.05705
	630					
R	YAKIMA-ROZA	2018	2038	8	8	.05705
	8					
R	LITTLE GOOSE	2018	2038	186	186	.05705
	186					
R	LOWER MONUMENTAL	2019	2039	298	298	.05705
	298					
R	THE DALLES	2019	2039	1,178	1,178	.05705
	1,178					
R	BONNEVILLE	2021	2041	583	583	.05705
	583					
R	ICE HARBOR	2022	2042	1,395	1,395	.05705

		Prtg.txt					
R	1,395						
	HILLS CREEK	2022	2042	47	47	.05705	
R	47						
	LOWER SNAKE F AND W	2023	2043	5,011	5,011	.05705	
R	5,011						
	COUGAR	2009	2024	42	42	.05629	
R	42						
	BONNEVILLE	2012	2027	1,048	1,048	.05629	
R	1,048						
	GREEN PETER-FOSTER	2012	2027	916	916	.05629	
R	916						
	GREEN PETER-FOSTER	2013	2028	748	748	.05629	
R	748						
	LOWER SNAKE F AND W	2013	2028	1,078	1,078	.05629	
R	1,078						
	HUNGRY HORSE	2013	2028	430	430	.05629	
R	430						
	DETROIT-BIG CLIFF	2014	2029	87	87	.05629	
R	87						
	DETROIT-BIG CLIFF	2014	2029	279	279	.05629	
R	279						
	LOWER MONUMENTAL	2014	2029	1,942	1,942	.05629	
R	1,942						
	LOOKOUT POINT-DEXTER	2015	2030	72	72	.05629	
R	72						
	JOHN DAY	2015	2030	1,878	1,878	.05629	
R	1,878						
	LOOKOUT POINT-DEXTER	2015	2030	410	410	.05629	
R	410						
	MCNARY	2015	2030	440	440	.05629	
R	440						
	ALBENI FALLS	2015	2030	52	52	.05629	
R	52						
	LIBBY	2015	2030	185	185	.05629	
R	185						

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96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
R	LITTLE GOOSE	1,495	2016	2031	1,495	1,495	.05629
R	YAKIMA-CHANDLER	23	2016	2031	23	23	.05629
R	BONNEVILLE	2,417	2016	2031	2,417	2,417	.05629
R	CHIEF JOSEPH	1,271	2017	2032	1,271	1,271	.05629
R	BOISE	12	2017	2032	12	12	.05629
R	MINIDOKA	117	2017	2032	117	117	.05629
R	THE DALLES	1,741	2018	2033	1,741	1,741	.05629
R	YAKIMA-ROZA	2	2018	2033	2	2	.05629
R	DWORSHAK	2,812	2018	2033	2,812	2,812	.05629
R	THE DALLES	1,198	2019	2034	1,198	1,198	.05629
R	LOWER GRANITE	2,439	2020	2035	2,439	2,439	.05629
R	LIBBY	1,687	2021	2036	1,687	1,687	.05629
R	MINIDOKA	78	2022	2037	78	78	.05629
R	HILLS CREEK	458	2022	2037	458	458	.05629

		Prtg.txt				
R	458					
	ICE HARBOR	2022	2037	802	802	.05629
R	802					
	COLUMBIA BASIN	2022	2037	776	776	.05629
R	776					
	LOST CREEK	2022	2037	35	35	.05629
R	35					
	COLUMBIA BASIN	2023	2038	1,047	1,047	.05629
R	1,047					
	LOWER GRANITE	2023	2038	301	301	.05629
R	301					
	CHIEF JOSEPH	2023	2038	180	180	.05629
R	180					
	BONNEVILLE	2013	2025	137	137	.05583
R	137					
	DETROIT-BIG CLIFF	2014	2026	17	17	.05583
R	17					
	LOOKOUT POINT-DEXTER	2015	2027	37	37	.05583
R	37					
	MCNARY	2015	2027	97	97	.05583
R	97					
	ALBENI FALLS	2015	2027	117	117	.05583
R	117					
	JOHN DAY	2018	2030	150	150	.05583
R	150					
	LOWER SNAKE F AND W	2019	2031	500	500	.05583
R	500					
	THE DALLES	2019	2031	9	9	.05583
R	9					
	DWORSHAK	2021	2033	52	52	.05583
R	52					
	LOWER GRANITE	2023	2035	20	20	.05583
R	20					
	DETROIT-BIG CLIFF	2014	2024	22	22	.05553
R	22					
	LOWER GRANITE	2015	2025	856	856	.05553
R	856					
	ALBENI FALLS	2015	2025	1,074	1,074	.05553
R	1,074					

		Prtg.txt				
R	MCNARY	156	2015	2025	156	.05553
R	LOOKOUT POINT-DEXTER	101	2015	2025	101	.05553
R	YAKIMA-CHANDLER	55	2016	2026	55	.05553
R	LIBBY	61	2016	2026	61	.05553
R	LOST CREEK	4	2017	2027	4	.05553
R	CHIEF JOSEPH	36	2017	2027	36	.05553

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	MINIDOKA	15	2017	2027	15	15	.05553
R	GREEN PETER-FOSTER	20	2017	2027	20	20	.05553
R	LITTLE GOOSE	1,000	2018	2028	1,000	1,000	.05553
R	LOWER MONUMENTAL	11	2019	2029	11	11	.05553
R	THE DALLES	1	2019	2029	1	1	.05553
R	JOHN DAY	39	2020	2030	39	39	.05553

		Prtg.txt				
R	39					
	BONNEVILLE	2021	2031	105	105	.05553
R	105					
	LITTLE GOOSE	2021	2031	11	11	.05553
R	11					
	ICE HARBOR	2022	2032	77	77	.05553
R	77					
	DWORSHAK	2023	2033	176	176	.05553
R	176					
	LOWER SNAKE F AND W	2023	2033	997	997	.05553
R	997					
	LOWER MONUMENTAL	2017	2025	43	43	.05503
R	43					
	DETROIT-BIG CLIFF	2018	2026	30	30	.05503
R	30					
	ICE HARBOR	2018	2026	25	25	.05503
R	25					
	MCNARY	2019	2027	57	57	.05503
R	57					
	LOOKOUT POINT-DEXTER	2019	2027	6	6	.05503
R	6					
	LITTLE GOOSE	2019	2027	39	39	.05503
R	39					
	COUGAR	2020	2028	3	3	.05503
R	3					
	DWORSHAK	2021	2029	36	36	.05503
R	36					
	GREEN PETER-FOSTER	2023	2031	13	13	.05503
R	13					
	LOWER SNAKE F AND W	2023	2031	105	105	.05503
R	105					
	LOWER GRANITE	2023	2031	31	31	.05503
R	31					
	THE DALLES	2023	2031	67	67	.05503
R	67					
	LOWER GRANITE	2017	2024	23	23	.05478
R	23					
	DETROIT-BIG CLIFF	2017	2024	4	4	.05478
R	4					

		Prtg.txt				
R	LOWER SNAKE F AND W	2018	2025	548	548	.05478
	548					
R	LIBBY	2018	2025	61	61	.05478
	61					
R	MCNARY	2018	2025	28	28	.05478
	28					
R	LOWER MONUMENTAL	2018	2025	22	22	.05478
	22					
R	BONNEVILLE	2018	2025	6	6	.05478
	6					
R	LOOKOUT POINT-DEXTER	2018	2025	14	14	.05478
	14					
R	ICE HARBOR	2018	2025	14	14	.05478
	14					
R	LOST CREEK	2019	2026	1	1	.05478
	1					
R	JOHN DAY	2019	2026	4	4	.05478
	4					
R	COUGAR	2020	2027	2	2	.05478
	2					
R	LITTLE GOOSE	2020	2027	22	22	.05478
	22					
R	DWORSHAK	2022	2029	17	17	.05478
	17					
R	THE DALLES	2022	2029	45	45	.05478
	45					
R	GREEN PETER-FOSTER	2023	2030	17	17	.05478
	17					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	Prtg.txt IN-SERVICE	DUE	GROSS	NET	RATE
+							
	R	THE DALLES 41	2019	2024	41	41	.05440
	R	DETROIT-BIG CLIFF 2	2019	2024	2	2	.05440
	R	JOHN DAY 26	2020	2025	26	26	.05440
	R	BONNEVILLE 78	2021	2026	78	78	.05440
	R	LOWER SNAKE F AND W 46	2023	2028	46	46	.05440
		----- TOTAL					
		516,414					
2024	R	DETROIT-BIG CLIFF 2,360	2024	2059	2,360	2,360	.05858
	R	DETROIT-BIG CLIFF 12,082	2024	2059	12,082	12,082	.05858
	R	LOWER MONUMENTAL 108	2024	2069	108	108	.05858
	R	COUGAR 67	2024	2044	67	67	.05705
	R	COUGAR 42	2024	2039	42	42	.05629
	R	DETROIT-BIG CLIFF 22	2024	2034	22	22	.05553
	R	LOWER GRANITE 23	2024	2031	23	23	.05478
	R	DETROIT-BIG CLIFF 4	2024	2031	4	4	.05478
	R	THE DALLES 41	2024	2029	41	41	.05440
	R	DETROIT-BIG CLIFF	2024	2029	2	2	.05440

R 2

 TOTAL
 14,751

2025	MCNARY	2025	2060	60,731	60,731	.05858
R	60,731					
	LOOKOUT POINT-DEXTER	2025	2060	2,019	2,019	.05858
R	2,019					
	LOOKOUT POINT-DEXTER	2025	2060	10,072	10,072	.05858
R	10,072					
	ALBENI FALLS	2025	2060	7,636	7,636	.05858
R	7,636					
	LIBBY	2025	2065	7,009	7,009	.05858
R	7,009					
	LOWER GRANITE	2025	2075	1,521	1,521	.05858
R	1,521					
	LOWER GRANITE	2025	2050	199	199	.05781
R	199					
	BONNEVILLE	2025	2037	137	137	.05583
R	137					
	LOOKOUT POINT-DEXTER	2025	2035	101	101	.05553
R	101					
	MCNARY	2025	2035	156	156	.05553
R	156					
	LOWER GRANITE	2025	2035	856	856	.05553
R	856					
	ALBENI FALLS	2025	2035	1,074	1,074	.05553
R	1,074					
	LOWER MONUMENTAL	2025	2033	43	43	.05503
R	43					
	LOWER MONUMENTAL	2025	2032	22	22	.05478
R	22					
	LIBBY	2025	2032	61	61	.05478
R	61					
	ICE HARBOR	2025	2032	14	14	.05478
R	14					
	BONNEVILLE	2025	2032	6	6	.05478

		Prtg.txt				
R	6					
	LOOKOUT POINT-DEXTER	2025	2032	14	14	.05478
R	14					
	LOWER SNAKE F AND W	2025	2032	548	548	.05478
R	548					
	MCNARY	2025	2032	28	28	.05478
R	28					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	JOHN DAY	26	2025	2030	26	26	.05440
R							
	TOTAL	92,273					
2026	YAKIMA-CHANDLER	439	2026	2061	439	439	.05858
R							
	LIBBY	2,973	2026	2076	2,973	2,973	.05858
R							
	ICE HARBOR	1,196	2026	2076	1,196	1,196	.05858
R							
	LIBBY	2,340	2026	2051	2,340	2,340	.05781
R							
	ICE HARBOR	41	2026	2051	41	41	.05781

Prtg.txt

R	41					
	DETROIT-BIG CLIFF	2026	2038	17	17	.05583
R	17					
	YAKIMA-CHANDLER	2026	2036	55	55	.05553
R	55					
	LIBBY	2026	2036	61	61	.05553
R	61					
	ICE HARBOR	2026	2034	25	25	.05503
R	25					
	DETROIT-BIG CLIFF	2026	2034	30	30	.05503
R	30					
	LOST CREEK	2026	2033	1	1	.05478
R	1					
	JOHN DAY	2026	2033	4	4	.05478
R	4					
	BONNEVILLE	2026	2031	78	78	.05440
R	78					

	TOTAL					
	7,260					
2027	MINIDOKA	2027	2062	679	679	.05858
R	679					
	CHIEF JOSEPH	2027	2062	51,186	51,186	.05858
R	51,186					
	COLUMBIA BASIN	2027	2067	40,907	40,907	.05858
R	40,907					
	BONNEVILLE	2027	2072	907	907	.05858
R	907					
	LOST CREEK	2027	2077	558	558	.05858
R	558					
	BONNEVILLE	2027	2077	387	387	.05858
R	387					
	BOISE	2027	2077	7,931	7,931	.05858
R	7,931					
	LOST CREEK	2027	2052	154	154	.05781
R	154					
	BONNEVILLE	2027	2052	13	13	.05781

		Prtg.txt				
R	13					
	BOISE	2027	2052	2,369	2,369	.05781
R	2,369					
	GREEN PETER-FOSTER	2027	2047	127	127	.05705
R	127					
	COLUMBIA BASIN	2027	2047	4,335	4,335	.05705
R	4,335					
	BOISE	2027	2047	130	130	.05705
R	130					
	BONNEVILLE	2027	2042	1,048	1,048	.05629
R	1,048					
	GREEN PETER-FOSTER	2027	2042	916	916	.05629
R	916					
	LOOKOUT POINT-DEXTER	2027	2039	37	37	.05583
R	37					
	MCNARY	2027	2039	97	97	.05583
R	97					
	ALBENI FALLS	2027	2039	117	117	.05583
R	117					
	CHIEF JOSEPH	2027	2037	36	36	.05553
R	36					
	GREEN PETER-FOSTER	2027	2037	20	20	.05553
R	20					
	LOST CREEK	2027	2037	4	4	.05553
R	4					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT						
+						

	MINIDOKA		2027	2037	15	15	.05553
R	15						
	LITTLE GOOSE		2027	2035	39	39	.05503
R	39						
	LOOKOUT POINT-DEXTER		2027	2035	6	6	.05503
R	6						
	MCNARY		2027	2035	57	57	.05503
R	57						
	COUGAR		2027	2034	2	2	.05478
R	2						
	LITTLE GOOSE		2027	2034	22	22	.05478
R	22						

	TOTAL						
	112,099						
2028	YAKIMA-ROZA		2028	2063	60	60	.05858
R	60						
	LOWER SNAKE F AND W		2028	2073	1,030	1,030	.05858
R	1,030						
	LOWER GRANITE		2028	2078	1,588	1,588	.05858
R	1,588						
	LITTLE GOOSE		2028	2078	1,640	1,640	.05858
R	1,640						
	COLUMBIA BASIN		2028	2078	106,681	106,681	.05858
R	106,681						
	CHIEF JOSEPH		2028	2078	10,963	10,963	.05858
R	10,963						
	LITTLE GOOSE		2028	2053	36	36	.05781
R	36						
	HUNGRY HORSE		2028	2053	9,840	9,840	.05781
R	9,840						
	LOWER GRANITE		2028	2053	112	112	.05781
R	112						
	COLUMBIA BASIN		2028	2053	50,459	50,459	.05781
R	50,459						

		Prtg.txt				
	CHIEF JOSEPH	2028	2053	304	304	.05781
R	304					
	GREEN PETER-FOSTER	2028	2048	65	65	.05705
R	65					
	GREEN PETER-FOSTER	2028	2043	748	748	.05629
R	748					
	HUNGRY HORSE	2028	2043	430	430	.05629
R	430					
	LOWER SNAKE F AND W	2028	2043	1,078	1,078	.05629
R	1,078					
	LITTLE GOOSE	2028	2038	1,000	1,000	.05553
R	1,000					
	COUGAR	2028	2036	3	3	.05503
R	3					
	LOWER SNAKE F AND W	2028	2033	46	46	.05440
R	46					

	TOTAL					
	186,083					
2029	LOWER MONUMENTAL	2029	2059	237	237	.05858
R	237					
	THE DALLES	2029	2064	66,214	66,214	.05858
R	66,214					
	LOWER MONUMENTAL	2029	2079	1,607	1,607	.05858
R	1,607					
	LOWER MONUMENTAL	2029	2054	39	39	.05781
R	39					
	DETROIT-BIG CLIFF	2029	2054	581	581	.05781
R	581					
	DETROIT-BIG CLIFF	2029	2054	196	196	.05781
R	196					
	LOWER MONUMENTAL	2029	2049	296	296	.05705
R	296					
	LOWER MONUMENTAL	2029	2044	1,942	1,942	.05629
R	1,942					
	DETROIT-BIG CLIFF	2029	2044	279	279	.05629
R	279					

		Prtg.txt				
R	DETROIT-BIG CLIFF	2029	2044	87	87	.05629
	87					
R	THE DALLES	2029	2039	1	1	.05553
	1					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	LOWER MONUMENTAL		2029	2039	11	11	.05553
R		11					
	DWORSHAK		2029	2037	36	36	.05503
R		36					
	THE DALLES		2029	2036	45	45	.05478
R		45					
	DWORSHAK		2029	2036	17	17	.05478
R		17					
	DETROIT-BIG CLIFF		2029	2034	2	2	.05440
R		2					
	THE DALLES		2029	2034	41	41	.05440
R		41					
	TOTAL	71,631					
2030	JOHN DAY		2030	2060	509	509	.05858
R		509					

		Prtg.txt				
	MCNARY	2030	2055	878	878	.05781
R	878					
	LOOKOUT POINT-DEXTER	2030	2055	508	508	.05781
R	508					
	ALBENI FALLS	2030	2055	2,266	2,266	.05781
R	2,266					
	JOHN DAY	2030	2050	614	614	.05705
R	614					
	LIBBY	2030	2045	185	185	.05629
R	185					
	LOOKOUT POINT-DEXTER	2030	2045	72	72	.05629
R	72					
	JOHN DAY	2030	2045	1,878	1,878	.05629
R	1,878					
	MCNARY	2030	2045	440	440	.05629
R	440					
	LOOKOUT POINT-DEXTER	2030	2045	410	410	.05629
R	410					
	ALBENI FALLS	2030	2045	52	52	.05629
R	52					
	JOHN DAY	2030	2042	150	150	.05583
R	150					
	JOHN DAY	2030	2040	39	39	.05553
R	39					
	GREEN PETER-FOSTER	2030	2037	17	17	.05478
R	17					
	JOHN DAY	2030	2035	26	26	.05440
R	26					

	TOTAL					
	8,044					
2031	LITTLE GOOSE	2031	2061	233	233	.05858
R	233					
	BONNEVILLE	2031	2076	1,047	1,047	.05858
R	1,047					
	YAKIMA-CHANDLER	2031	2056	864	864	.05781
R	864					

		Prtg.txt				
R	LITTLE GOOSE	2031	2051	428	428	.05705
	428					
R	YAKIMA-CHANDLER	2031	2046	23	23	.05629
	23					
R	LITTLE GOOSE	2031	2046	1,495	1,495	.05629
	1,495					
R	BONNEVILLE	2031	2046	2,417	2,417	.05629
	2,417					
R	LOWER SNAKE F AND W	2031	2043	500	500	.05583
	500					
R	THE DALLES	2031	2043	9	9	.05583
	9					
R	LITTLE GOOSE	2031	2041	11	11	.05553
	11					
R	BONNEVILLE	2031	2041	105	105	.05553
	105					
R	LOWER SNAKE F AND W	2031	2039	105	105	.05503
	105					
R	GREEN PETER-FOSTER	2031	2039	13	13	.05503
	13					
R	LOWER GRANITE	2031	2039	31	31	.05503
	31					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____
THE DALLES		2031	2039	67	67	.05503

		Prtg.txt				
R	67					
	LOWER GRANITE	2031	2038	23	23	.05478
R	23					
	DETROIT-BIG CLIFF	2031	2038	4	4	.05478
R	4					
	BONNEVILLE	2031	2036	78	78	.05440
R	78					

	TOTAL					
	7,453					
2032	ICE HARBOR	2032	2067	16,171	16,171	.05858
R	16,171					
	HILLS CREEK	2032	2067	2,265	2,265	.05858
R	2,265					
	BOISE	2032	2067	890	890	.05858
R	890					
	BONNEVILLE	2032	2082	12,835	12,835	.05858
R	12,835					
	MINIDOKA	2032	2057	2,152	2,152	.05781
R	2,152					
	CHIEF JOSEPH	2032	2057	3,731	3,731	.05781
R	3,731					
	BONNEVILLE	2032	2057	4,021	4,021	.05781
R	4,021					
	MINIDOKA	2032	2047	117	117	.05629
R	117					
	CHIEF JOSEPH	2032	2047	1,271	1,271	.05629
R	1,271					
	BOISE	2032	2047	12	12	.05629
R	12					
	ICE HARBOR	2032	2042	77	77	.05553
R	77					
	LOOKOUT POINT-DEXTER	2032	2039	14	14	.05478
R	14					
	ICE HARBOR	2032	2039	14	14	.05478
R	14					
	LIBBY	2032	2039	61	61	.05478

		Prtg.txt				
R	61					
	LOWER SNAKE F AND W	2032	2039	548	548	.05478
R	548					
	BONNEVILLE	2032	2039	6	6	.05478
R	6					
	MCNARY	2032	2039	28	28	.05478
R	28					
	LOWER MONUMENTAL	2032	2039	22	22	.05478
R	22					

	TOTAL					
	44,235					
2033	HUNGRY HORSE	2033	2073	5,626	5,626	.05858
R	5,626					
	LOWER SNAKE F AND W	2033	2083	16,100	16,100	.05858
R	16,100					
	LOWER SNAKE F AND W	2033	2058	969	969	.05781
R	969					
	YAKIMA-ROZA	2033	2058	97	97	.05781
R	97					
	THE DALLES	2033	2053	1,847	1,847	.05705
R	1,847					
	HUNGRY HORSE	2033	2053	647	647	.05705
R	647					
	DWORSHAK	2033	2053	3,282	3,282	.05705
R	3,282					
	THE DALLES	2033	2048	1,741	1,741	.05629
R	1,741					
	YAKIMA-ROZA	2033	2048	2	2	.05629
R	2					
	DWORSHAK	2033	2048	2,812	2,812	.05629
R	2,812					
	DWORSHAK	2033	2045	52	52	.05583
R	52					
	DWORSHAK	2033	2043	176	176	.05553
R	176					
	LOWER SNAKE F AND W	2033	2043	997	997	.05553

R 997

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	LOWER MONUMENTAL		2033	2041	43	43	.05503
R		43					
	JOHN DAY		2033	2040	4	4	.05478
R		4					
	LOST CREEK		2033	2040	1	1	.05478
R		1					
	LOWER SNAKE F AND W		2033	2038	46	46	.05440
R		46					
	TOTAL	34,442					
2034	COUGAR		2034	2069	2,376	2,376	.05858
R		2,376					
	DETROIT-BIG CLIFF		2034	2074	4,589	4,589	.05858
R		4,589					
	DETROIT-BIG CLIFF		2034	2074	1,416	1,416	.05858
R		1,416					
	THE DALLES		2034	2059	2,418	2,418	.05781
R		2,418					
	DETROIT-BIG CLIFF		2034	2054	106	106	.05705

		Prtg.txt				
R	106					
	THE DALLES	2034	2049	1,198	1,198	.05629
R	1,198					
	DETROIT-BIG CLIFF	2034	2044	22	22	.05553
R	22					
	ICE HARBOR	2034	2042	25	25	.05503
R	25					
	DETROIT-BIG CLIFF	2034	2042	30	30	.05503
R	30					
	LITTLE GOOSE	2034	2041	22	22	.05478
R	22					
	COUGAR	2034	2041	2	2	.05478
R	2					
	DETROIT-BIG CLIFF	2034	2039	2	2	.05440
R	2					
	THE DALLES	2034	2039	41	41	.05440
R	41					

	TOTAL					
	12,247					
2035	LOWER GRANITE	2035	2065	642	642	.05858
R	642					
	MCNARY	2035	2075	31,161	31,161	.05858
R	31,161					
	LOOKOUT POINT-DEXTER	2035	2075	5,261	5,261	.05858
R	5,261					
	LOOKOUT POINT-DEXTER	2035	2075	2,187	2,187	.05858
R	2,187					
	ALBENI FALLS	2035	2075	572	572	.05858
R	572					
	LIBBY	2035	2085	4,628	4,628	.05858
R	4,628					
	LIBBY	2035	2060	249	249	.05781
R	249					
	LOOKOUT POINT-DEXTER	2035	2055	417	417	.05705
R	417					
	MCNARY	2035	2055	1,188	1,188	.05705

		Prtg.txt				
R	1,188					
	LOOKOUT POINT-DEXTER	2035	2055	33	33	.05705
R	33					
	LOWER GRANITE	2035	2055	981	981	.05705
R	981					
	ALBENI FALLS	2035	2055	833	833	.05705
R	833					
	LOWER GRANITE	2035	2050	2,439	2,439	.05629
R	2,439					
	LOWER GRANITE	2035	2047	20	20	.05583
R	20					
	LOOKOUT POINT-DEXTER	2035	2045	101	101	.05553
R	101					
	LOWER GRANITE	2035	2045	856	856	.05553
R	856					
	MCNARY	2035	2045	156	156	.05553
R	156					
	ALBENI FALLS	2035	2045	1,074	1,074	.05553
R	1,074					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT		IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT	AMOUNT					
+	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----
	LITTLE GOOSE	2035	2043	39	39	.05503
R	39					
	LOOKOUT POINT-DEXTER	2035	2043	6	6	.05503
R	6					

			Prtg.txt			
	R	MCNARY	2035	2043	57	.05503
		57				
	R	JOHN DAY	2035	2040	26	.05440
		26				

		TOTAL				
		52,926				
2036	R	YAKIMA-CHANDLER	2036	2076	457	.05858
		457				
	R	YAKIMA-CHANDLER	2036	2056	83	.05705
		83				
	R	LIBBY	2036	2056	593	.05705
		593				
	R	ICE HARBOR	2036	2056	187	.05705
		187				
	R	LIBBY	2036	2051	1,687	.05629
		1,687				
	R	LIBBY	2036	2046	61	.05553
		61				
	R	YAKIMA-CHANDLER	2036	2046	55	.05553
		55				
	R	COUGAR	2036	2044	3	.05503
		3				
	R	DWORSHAK	2036	2043	17	.05478
		17				
	R	THE DALLES	2036	2043	45	.05478
		45				
	R	BONNEVILLE	2036	2041	78	.05440
		78				

		TOTAL				
		3,266				
2037	R	MINIDOKA	2037	2067	65	.05858
		65				
	R	LOST CREEK	2037	2067	17	.05858

		Prtg.txt				
R	17					
	COLUMBIA BASIN	2037	2067	1,919	1,919	.05858
R	1,919					
	GREEN PETER-FOSTER	2037	2072	3,620	3,620	.05858
R	3,620					
	MINIDOKA	2037	2077	1,503	1,503	.05858
R	1,503					
	MINIDOKA	2037	2077	5,798	5,798	.05858
R	5,798					
	CHIEF JOSEPH	2037	2077	24,618	24,618	.05858
R	24,618					
	COLUMBIA BASIN	2037	2082	42,847	42,847	.05858
R	42,847					
	ICE HARBOR	2037	2062	1,522	1,522	.05781
R	1,522					
	HILLS CREEK	2037	2062	145	145	.05781
R	145					
	LOST CREEK	2037	2057	71	71	.05705
R	71					
	MINIDOKA	2037	2057	86	86	.05705
R	86					
	MINIDOKA	2037	2057	255	255	.05705
R	255					
	CHIEF JOSEPH	2037	2057	1,942	1,942	.05705
R	1,942					
	LOST CREEK	2037	2052	35	35	.05629
R	35					
	MINIDOKA	2037	2052	78	78	.05629
R	78					
	ICE HARBOR	2037	2052	802	802	.05629
R	802					
	COLUMBIA BASIN	2037	2052	776	776	.05629
R	776					
	HILLS CREEK	2037	2052	458	458	.05629
R	458					
	BONNEVILLE	2037	2049	137	137	.05583
R	137					

APPLICATION OF AMORTIZATION
96 SUPPLEMENTAL RATE PROPOSAL

GENERATION FY 2000

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	R	GREEN PETER-FOSTER 20	2037	2047	20	20	.05553
	R	MINIDOKA 15	2037	2047	15	15	.05553
	R	CHIEF JOSEPH 36	2037	2047	36	36	.05553
	R	LOST CREEK 4	2037	2047	4	4	.05553
	R	DWORSHAK 36	2037	2045	36	36	.05503
	R	GREEN PETER-FOSTER 17	2037	2044	17	17	.05478
		----- TOTAL 86,822					
2038	R	COLUMBIA BASIN 2,153	2038	2068	2,153	2,153	.05858
	R	GREEN PETER-FOSTER 1,782	2038	2073	1,782	1,782	.05858
	R	YAKIMA-ROZA 116	2038	2078	116	116	.05858
	R	LOWER GRANITE 301	2038	2058	301	301	.05705

		Prtg.txt				
R	LITTLE GOOSE	2038	2058	186	186	.05705
	186					
R	YAKIMA-ROZA	2038	2058	8	8	.05705
	8					
R	COLUMBIA BASIN	2038	2058	5,071	5,071	.05705
	5,071					
R	CHIEF JOSEPH	2038	2058	630	630	.05705
	630					
R	LOWER GRANITE	2038	2053	301	301	.05629
	301					
R	COLUMBIA BASIN	2038	2053	1,047	1,047	.05629
	1,047					
R	CHIEF JOSEPH	2038	2053	180	180	.05629
	180					
R	DETROIT-BIG CLIFF	2038	2050	17	17	.05583
	17					
R	LITTLE GOOSE	2038	2048	1,000	1,000	.05553
	1,000					
R	LOWER GRANITE	2038	2045	23	23	.05478
	23					
R	DETROIT-BIG CLIFF	2038	2045	4	4	.05478
	4					
R	LOWER SNAKE F AND W	2038	2043	46	46	.05440
	46					

	TOTAL					
	12,865					
2039	LOWER MONUMENTAL	2039	2074	9,896	9,896	.05858
R	9,896					
R	THE DALLES	2039	2079	41,807	41,807	.05858
	41,807					
R	COUGAR	2039	2064	126	126	.05781
	126					
R	LOWER MONUMENTAL	2039	2059	298	298	.05705
	298					
R	THE DALLES	2039	2059	1,178	1,178	.05705
	1,178					

		Prtg.txt				
R	COUGAR	42	2039	2054	42	42 .05629
R	LOOKOUT POINT-DEXTER	37	2039	2051	37	37 .05583
R	MCNARY	97	2039	2051	97	97 .05583
R	ALBENI FALLS	117	2039	2051	117	117 .05583
R	THE DALLEES	1	2039	2049	1	1 .05553
R	LOWER MONUMENTAL	11	2039	2049	11	11 .05553
R	LOWER GRANITE	31	2039	2047	31	31 .05503
R	GREEN PETER-FOSTER	13	2039	2047	13	13 .05503

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	THE DALLEES	67	2039	2047	67	67	.05503
R	LOWER SNAKE F AND W	105	2039	2047	105	105	.05503
R	LOOKOUT POINT-DEXTER	14	2039	2046	14	14	.05478
R	LIBBY		2039	2046	61	61	.05478

		Prtg.txt				
R	61					
	ICE HARBOR	2039	2046	14	14	.05478
R	14					
	LOWER MONUMENTAL	2039	2046	22	22	.05478
R	22					
	LOWER SNAKE F AND W	2039	2046	548	548	.05478
R	548					
	BONNEVILLE	2039	2046	6	6	.05478
R	6					
	MCNARY	2039	2046	28	28	.05478
R	28					
	THE DALLES	2039	2044	41	41	.05440
R	41					
	DETROIT-BIG CLIFF	2039	2044	2	2	.05440
R	2					

	TOTAL					
	54,562					
2040	JOHN DAY	2040	2075	43,611	43,611	.05858
R	43,611					
	JOHN DAY	2040	2050	39	39	.05553
R	39					
	LOST CREEK	2040	2047	1	1	.05478
R	1					
	JOHN DAY	2040	2047	4	4	.05478
R	4					
	JOHN DAY	2040	2045	26	26	.05440
R	26					

	TOTAL					
	43,681					
2041	LITTLE GOOSE	2041	2076	12,076	12,076	.05858
R	12,076					
	BONNEVILLE	2041	2091	20,205	20,205	.05858
R	20,205					

		Prtg.txt				
R	BONNEVILLE	2041	2066	2,432	2,432	.05781
	2,432					
R	BONNEVILLE	2041	2061	583	583	.05705
	583					
R	BONNEVILLE	2041	2051	105	105	.05553
	105					
R	LITTLE GOOSE	2041	2051	11	11	.05553
	11					
R	LOWER MONUMENTAL	2041	2049	43	43	.05503
	43					
R	COUGAR	2041	2048	2	2	.05478
	2					
R	LITTLE GOOSE	2041	2048	22	22	.05478
	22					
R	BONNEVILLE	2041	2046	78	78	.05440
	78					

	TOTAL					
	35,557					

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APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT		-----	---	-----	---	-----
	2042	ICE HARBOR	2042	2082	11,132	11,132	.05858
	R	11,132					

		Prtg.txt				
	HILLS CREEK	2042	2082	1,517	1,517	.05858
R	1,517					
	MINIDOKA	2042	2067	1,802	1,802	.05781
R	1,802					
	GREEN PETER-FOSTER	2042	2067	420	420	.05781
R	420					
	ICE HARBOR	2042	2062	1,395	1,395	.05705
R	1,395					
	HILLS CREEK	2042	2062	47	47	.05705
R	47					
	GREEN PETER-FOSTER	2042	2057	916	916	.05629
R	916					
	BONNEVILLE	2042	2057	1,048	1,048	.05629
R	1,048					
	JOHN DAY	2042	2054	150	150	.05583
R	150					
	ICE HARBOR	2042	2052	77	77	.05553
R	77					
	DETROIT-BIG CLIFF	2042	2050	30	30	.05503
R	30					
	ICE HARBOR	2042	2050	25	25	.05503
R	25					

	TOTAL					
	18,559					
2043	LOWER SNAKE F AND W	2043	2073	2,128	2,128	.05858
R	2,128					
	HUNGRY HORSE	2043	2073	434	434	.05858
R	434					
	THE DALLES	2043	2078	18,230	18,230	.05858
R	18,230					
	DWORSHAK	2043	2078	11,914	11,914	.05858
R	11,914					
	HUNGRY HORSE	2043	2088	6,177	6,177	.05858
R	6,177					
	GREEN PETER-FOSTER	2043	2068	152	152	.05781
R	152					

		Prtg.txt				
R	LOWER SNAKE F AND W	2043	2063	5,011	5,011	.05705
	5,011					
R	LOWER SNAKE F AND W	2043	2058	1,078	1,078	.05629
	1,078					
R	HUNGRY HORSE	2043	2058	430	430	.05629
	430					
R	GREEN PETER-FOSTER	2043	2058	748	748	.05629
	748					
R	THE DALLES	2043	2055	9	9	.05583
	9					
R	LOWER SNAKE F AND W	2043	2055	500	500	.05583
	500					
R	LOWER SNAKE F AND W	2043	2053	997	997	.05553
	997					
R	DWORSHAK	2043	2053	176	176	.05553
	176					
R	LITTLE GOOSE	2043	2051	39	39	.05503
	39					
R	LOOKOUT POINT-DEXTER	2043	2051	6	6	.05503
	6					
R	MCNARY	2043	2051	57	57	.05503
	57					
R	THE DALLES	2043	2050	45	45	.05478
	45					
R	DWORSHAK	2043	2050	17	17	.05478
	17					
R	LOWER SNAKE F AND W	2043	2048	46	46	.05440
	46					

	TOTAL					
	48,194					

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YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

YEAR	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
2044	COUGAR		2044	2084	1,489	1,489	.05858
R		1,489					
	LOWER MONUMENTAL		2044	2069	820	820	.05781
R		820					
	COUGAR		2044	2064	67	67	.05705
R		67					
	DETROIT-BIG CLIFF		2044	2059	279	279	.05629
R		279					
	DETROIT-BIG CLIFF		2044	2059	87	87	.05629
R		87					
	LOWER MONUMENTAL		2044	2059	1,942	1,942	.05629
R		1,942					
	DETROIT-BIG CLIFF		2044	2054	22	22	.05553
R		22					
	COUGAR		2044	2052	3	3	.05503
R		3					
	GREEN PETER-FOSTER		2044	2051	17	17	.05478
R		17					
	DETROIT-BIG CLIFF		2044	2049	2	2	.05440
R		2					
	THE DALLES		2044	2049	41	41	.05440
R		41					
	TOTAL	4,769					
2045	LOWER GRANITE		2045	2080	8,134	8,134	.05858
R		8,134					

		Prtg.txt				
R	JOHN DAY	2045	2070	3,329	3,329	.05781
	3,329					
R	LOOKOUT POINT-DEXTER	2045	2060	72	72	.05629
	72					
R	LOOKOUT POINT-DEXTER	2045	2060	410	410	.05629
	410					
R	LIBBY	2045	2060	185	185	.05629
	185					
R	JOHN DAY	2045	2060	1,878	1,878	.05629
	1,878					
R	MCNARY	2045	2060	440	440	.05629
	440					
R	ALBENI FALLS	2045	2060	52	52	.05629
	52					
R	DWORSHAK	2045	2057	52	52	.05583
	52					
R	LOWER GRANITE	2045	2055	856	856	.05553
	856					
R	MCNARY	2045	2055	156	156	.05553
	156					
R	ALBENI FALLS	2045	2055	1,074	1,074	.05553
	1,074					
R	LOOKOUT POINT-DEXTER	2045	2055	101	101	.05553
	101					
R	DWORSHAK	2045	2053	36	36	.05503
	36					
R	DETROIT-BIG CLIFF	2045	2052	4	4	.05478
	4					
R	LOWER GRANITE	2045	2052	23	23	.05478
	23					
R	JOHN DAY	2045	2050	26	26	.05440
	26					

	TOTAL					
	16,828					

APPLICATION OF AMORTIZATION
96 SUPPLEMENTAL RATE PROPOSAL

GENERATION FY 2000

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
2046	YAKIMA-CHANDLER		2046	2076	55	55	.05858
R		55					
	LIBBY		2046	2081	9,330	9,330	.05858
R		9,330					
	ICE HARBOR		2046	2081	6,206	6,206	.05858
R		6,206					
	BONNEVILLE		2046	2081	68,928	68,928	.05858
R		68,928					
	YAKIMA-CHANDLER		2046	2091	709	709	.05858
R		709					
	LITTLE GOOSE		2046	2071	939	939	.05781
R		939					
	LITTLE GOOSE		2046	2061	1,495	1,495	.05629
R		1,495					
	YAKIMA-CHANDLER		2046	2061	23	23	.05629
R		23					
	BONNEVILLE		2046	2061	2,417	2,417	.05629
R		2,417					
	LIBBY		2046	2056	61	61	.05553
R		61					
	YAKIMA-CHANDLER		2046	2056	55	55	.05553
R		55					
	MCNARY		2046	2053	28	28	.05478
R		28					
	LIBBY		2046	2053	61	61	.05478

		Prtg.txt				
R	61					
	LOOKOUT POINT-DEXTER	2046	2053	14	14	.05478
R	14					
	ICE HARBOR	2046	2053	14	14	.05478
R	14					
	LOWER SNAKE F AND W	2046	2053	548	548	.05478
R	548					
	LOWER MONUMENTAL	2046	2053	22	22	.05478
R	22					
	BONNEVILLE	2046	2053	6	6	.05478
R	6					
	BONNEVILLE	2046	2051	78	78	.05440
R	78					

	TOTAL					
	90,989					
2047	MINIDOKA	2047	2077	80	80	.05858
R	80					
	BOISE	2047	2077	61	61	.05858
R	61					
	LOST CREEK	2047	2082	1,462	1,462	.05858
R	1,462					
	BONNEVILLE	2047	2082	50	50	.05858
R	50					
	GREEN PETER-FOSTER	2047	2087	1,871	1,871	.05858
R	1,871					
	BOISE	2047	2087	735	735	.05858
R	735					
	MINIDOKA	2047	2092	3,681	3,681	.05858
R	3,681					
	COLUMBIA BASIN	2047	2097	137,652	137,652	.05858
R	137,652					
	COLUMBIA BASIN	2047	2072	42,907	42,907	.05781
R	42,907					
	GREEN PETER-FOSTER	2047	2067	127	127	.05705
R	127					
	COLUMBIA BASIN	2047	2067	4,335	4,335	.05705

		Prtg.txt				
R	4,335					
	BOISE	2047	2067	130	130	.05705
R	130					
	CHIEF JOSEPH	2047	2062	1,271	1,271	.05629
R	1,271					
	MINIDOKA	2047	2062	117	117	.05629
R	117					
	BOISE	2047	2062	12	12	.05629
R	12					
	LOWER GRANITE	2047	2059	20	20	.05583
R	20					
	GREEN PETER-FOSTER	2047	2057	20	20	.05553
R	20					
	LOST CREEK	2047	2057	4	4	.05553
R	4					

1

APPLICATION OF AMORTIZATION GENERATION FY 2000 REPAYMENT STUDY FOR 19
 96 SUPPLEMENTAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT		IN-SERVICE	DUE	GROSS	NET	RATE
+	REPLACEMENT AMOUNT					
	CHIEF JOSEPH	2047	2057	36	36	.05553
R	36					
	MINIDOKA	2047	2057	15	15	.05553
R	15					
	LOWER GRANITE	2047	2055	31	31	.05503
R	31					
	GREEN PETER-FOSTER	2047	2055	13	13	.05503
R	13					

		Prtg.txt				
	LOWER SNAKE F AND W	2047	2055	105	105	.05503
R	105					
	THE DALLES	2047	2055	67	67	.05503
R	67					
	LOST CREEK	2047	2054	1	1	.05478
R	1					
	JOHN DAY	2047	2054	4	4	.05478
R	4					

	TOTAL					
	194,807					
2048	YAKIMA-ROZA	2048	2078	4	4	.05858
R	4					
	LOWER GRANITE	2048	2083	9,580	9,580	.05858
R	9,580					
	LITTLE GOOSE	2048	2083	9,423	9,423	.05858
R	9,423					
	COLUMBIA BASIN	2048	2083	50,292	50,292	.05858
R	50,292					
	CHIEF JOSEPH	2048	2083	62,045	62,045	.05858
R	62,045					
	GREEN PETER-FOSTER	2048	2088	1,609	1,609	.05858
R	1,609					
	YAKIMA-ROZA	2048	2093	193	193	.05858
R	193					
	DWORSHAK	2048	2073	7,086	7,086	.05781
R	7,086					
	THE DALLES	2048	2073	214	214	.05781
R	214					
	GREEN PETER-FOSTER	2048	2068	65	65	.05705
R	65					
	DWORSHAK	2048	2063	2,812	2,812	.05629
R	2,812					
	YAKIMA-ROZA	2048	2063	2	2	.05629
R	2					
	THE DALLES	2048	2063	1,741	1,741	.05629
R	1,741					

		Prtg.txt				
R	LITTLE GOOSE	2048	2058	1,000	1,000	.05553
	1,000					
R	COUGAR	2048	2055	2	2	.05478
	2					
R	LITTLE GOOSE	2048	2055	22	22	.05478
	22					
R	LOWER SNAKE F AND W	2048	2053	46	46	.05440
	46					

TOTAL
146,136

2049	LOWER MONUMENTAL	2049	2084	9,103	9,103	.05858
R	9,103					
R	LOWER MONUMENTAL	2049	2089	10,138	10,138	.05858
	10,138					
R	LOWER MONUMENTAL	2049	2069	296	296	.05705
	296					
R	THE DALLES	2049	2064	1,198	1,198	.05629
	1,198					
R	BONNEVILLE	2049	2061	137	137	.05583
	137					
R	LOWER MONUMENTAL	2049	2059	11	11	.05553
	11					
R	THE DALLES	2049	2059	1	1	.05553
	1					
R	LOWER MONUMENTAL	2049	2057	43	43	.05503
	43					
R	DETROIT-BIG CLIFF	2049	2054	2	2	.05440
	2					
R	THE DALLES	2049	2054	41	41	.05440
	41					

1

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	TOTAL	20,970					
2050	JOHN DAY		2050	2090	27,187	27,187	.05858
R		27,187					
	LOWER GRANITE		2050	2075	199	199	.05781
R		199					
	JOHN DAY		2050	2070	614	614	.05705
R		614					
	LOWER GRANITE		2050	2065	2,439	2,439	.05629
R		2,439					
	DETROIT-BIG CLIFF		2050	2062	17	17	.05583
R		17					
	JOHN DAY		2050	2060	39	39	.05553
R		39					
	ICE HARBOR		2050	2058	25	25	.05503
R		25					
	DETROIT-BIG CLIFF		2050	2058	30	30	.05503
R		30					
	DWORSHAK		2050	2057	17	17	.05478
R		17					
	THE DALLES		2050	2057	45	45	.05478
R		45					
	JOHN DAY		2050	2055	26	26	.05440
R		26					

TOTAL 30,638

0 GRAND TOTAL 8,013,731

0 TOTAL DEFERRAL 0

0 NET 8,013,731

1 INPUT CARDS ONLY

N1 REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL
N2 OCTOBER 1,2000 - SEPTEMBER 30,2001 COST EVALUATION PERIOD
N3 REPAY 01 GS6 - GENERATION, FINAL, 1996 RATE CASE DEBT BUYOUT
N0 GENERATION

11996 0 0 780762 200120512051
OHISTORICAL YEAR: 1996
HISTORICAL CUMULATIVE REVENUES: 0
HISTORICAL CUMULATIVE PURCHASE & EXCHANGE: 0
HISTORICAL CUMULATIVE IRRIGATION INVESTMENT: 780762
YEAR OF THE RATE CHANGE: 2001
LAST YEAR OF REPAYMENT PERIOD: 2051

INTEREST RATES OF INTEREST INCOME

1X07495 07492 07449 07321 07261

INTEREST RATES OF NEW DEFERRALS

1Y06500 06250 06000 05875 05750

OPERATING YEAR FACTORS

1F75000 75000 75000 75000 75000

PROJECTED REVENUE

Prtg.txt

21997	1101765	1122081	1132838	1149465	1033376	1033376	1033376	7606277
22003	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22010	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22017	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22024	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22031	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22038	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
22045	1033376	1033376	1033376	1033376	1033376	1033376	1033376	7233632
	8335397	8355713	8366470	8383097	8267008	8267008	8267008	58241701 = TOT

AL FOR 2

PROJECTED IRRIGATION ASSISTANCE

	NEW INVESTMENT	NEW INVESTMENT	NEW INVESTMENT	
31997	0	0	0	0
31999	0	0	0	0
32002	0	0	0	0
32005	0	0	0	0
32008	0	6942	37530	44472
32011	6566	3476	19793	29835
32014	5107	5394	35253	45754
32017	51187	10902	21258	83347
32020	39207	39049	29080	107336
32023	41806	20037	33228	95071
32026	32228	33386	44797	110411
32029	29963	29963	30120	90046
32032	40424	40424	29207	110055
32035	28549	28708	29310	86567
32038	29311	33835	33836	96982
32041	34694	34695	32941	102330
32044	32941	33099	39725	105765
32046	39883	39883	23256	103022
32050	23415			23415
	435281	359793	439334	1234408 = TOT

AL FOR 3

CAPITALIZED CONTRACTUAL OBLIGATIONS

41997	564891	586918	657860	663174	659396	612019	686032	4430290
42004	617203	581220	598538	615021	615161	597449	597769	4222361
42011	596902	590797	394587	395023	392061	371207	262893	3003470
42018	91920	267515	266544	262745	263243	263466	250001	1665434
42025	249109	248553	248553	248553	248553	247553	247553	1738427
42036	247553	247553	247553	247553	247553	247553	247553	1732871
42039	247553	247553	247553	247553	247553	247553	247553	1732871
42046	247553	247553	247553	247553	247553	247553	247553	1485318
	2862684	3017662	2908741	2927175	2921073	2834353	2539354	20011042 = TOT

AL FOR 4

5	ALBE	ALBENI FALLS
5	BOIS	BOISE
5	BON2	BONNEVILLE - 2ND POWER HOUSE
5	BONN	BONNEVILLE
5	CHIE	CHIEF JOSEPH
5	COL3	COLUMBIA BASIN - 3RD PWR HOUSE
5	COLU	COLUMBIA BASIN
5	COUG	COUGAR
5	CRFB	COLUMBIA RIVER FISH MITIGATION
5	DETR	DETROIT-BIG CLIFF
5	DWOR	DWORSHAK
5	GREE	GREEN PETER-FOSTER
5	HILL	HILLS CREEK
5	HUNG	HUNGRY HORSE
5	ICEF	ICE HARBOR FISH BYPASS
5	ICEH	ICE HARBOR
5	JOHN	JOHN DAY
5	LIBB	LIBBY
5	LITF	LITTLE GOOSE FISH BYPASS
5	LITT	LITTLE GOOSE
5	LOGF	LOWER GRANITE FISH BYPASS
5	LOMF	LOWER MONUMENTAL FISH BYPASS
5	LOOK	LOOKOUT POINT-DEXTER
5	LOST	LOST CREEK

5	LOWG	Prtg.txt
5	LOWM	LOWER GRANITE
5	LSFW	LOWER MONUMENTAL
5	MCNA	LOWER SNAKE F AND W
5	MCNF	MCNARY
5	MINI	MCNARY FISH BYPASS
5	STRU	MINIDOKA
5	THED	STRUBE
5	YAKC	THE DALLE
5	YAKR	YAKIMA-CHANDLER
5	ZABF	YAKIMA-ROZA
5	ZACO	BPA PROGRAM
5	ZADB	BPA CONSERVATION
5	ZAFW	BUREAU DIRECT FUND
5	ZBPA	FISH, WILDLIFE & ENVIRONMENTAL
5	ZIRR	BONNEVILLE POWER ADMINISTRATION
		IRRIGATION ASSISTANCE

HISTORICAL

	O & M	INTEREST		
5	ALBEX	43638	27935	71573
5	BOISX	35564	1171	36735
5	BONNX	149194	379685	528879
5	CHIEX	147058	325150	472208
5	COLUX	412704	493414	906118
5	COUGX	7849	13639	21488
5	CRFBX	0	7837	7837
5	DETRX	26797	35515	62312
5	DWORX	81063	173035	254098
5	GREEX	23532	35008	58540
5	HILLX	7597	14019	21616
5	HUNGX	33399	48448	81847
5	ICEHX	62792	100291	163083
5	JOHNX	121309	261142	382451
5	LIBBX	51137	253192	304329
5	LITTX	61336	147440	208776
5	LOOKX	30917	43160	74077
5	LOSTX	13786	15568	29354
5	LOWGX	80412	198210	278622
5	LOWMX	59475	161593	221068

Prtg.txt

5	LSFWX	97877	95714	193591
5	MCNAX	158849	237110	395959
5	MINIX	75561	2758	78319
5	THEDX	116284	226372	342656
5	YAKCX	18578	2811	21389
5	YAKRX	8509	824	9333
5	ZBPAX	0	0	0
5	ZACOX	0	0	0
		1925217	3301041	5226258 = TOT

AL FOR 5

PROJECTED O & M

61996ALBE	152269
61997ALBE	3843
61998ALBE	3945
61999ALBE	4058
62000ALBE	4182
62001ALBE	4316
61997BOIS	1944
61998BOIS	2064
61999BOIS	2176
62000BOIS	2282
62001BOIS	2441
61997BONN	10575
61998BONN	10858
61999BONN	11170
62000BONN	11512
62001BONN	11884
61997CHIE	10596
61998CHIE	10879
61999CHIE	11191
62000CHIE	11532
62001CHIE	11902
61997COLU	28999
61998COLU	30756
61999COLU	31809
62000COLU	32964
62001COLU	34156

61997COUG	588
61998COUG	604
61999COUG	621
62000COUG	640
62001COUG	660
61997DETR	1786
61998DETR	1834
61999DETR	1887
62000DETR	1944
62001DETR	2006
61997DWOR	6844
61998DWOR	7024
61999DWOR	7226
62000DWOR	7445
62001DWOR	7683
61997GREE	1763
61998GREE	1810
61999GREE	1861
62000GREE	1918
62001GREE	1980
61997HILL	488
61998HILL	501
61999HILL	515
62000HILL	531
62001HILL	578
61997HUNG	1088
61998HUNG	1158
61999HUNG	1198
62000HUNG	1240
62001HUNG	1285
61997ICEH	5001
61998ICEH	5132
61999ICEH	5279
62000ICEH	5440
62001ICEH	5613
61997JOHN	9874
61998JOHN	10138
61999JOHN	10429
62000JOHN	10747

62001JOHN	11092
61997LIBB	3380
61998LIBB	3470
61999LIBB	3569
62000LIBB	3678
62001LIBB	3796
61997LITT	4085
61998LITT	4194
61999LITT	4314
62000LITT	4446
62001LITT	4589
61997LOOK	2233
61998LOOK	2293
61999LOOK	2358
62000LOOK	2430
62001LOOK	2508
61997LOST	1388
61998LOST	1425
61999LOST	1466
62000LOST	1510
62001LOST	1559
61997LOWG	5843
61998LOWG	5999
61999LOWG	6171
62000LOWG	6359
62001LOWG	6564
61997LOWM	6202
61998LOWM	6367
61999LOWM	6550
62000LOWM	6750
62001LOWM	6966
61997LSFW	15384
61998LSFW	16082
61999LSFW	16879
62000LSFW	17676
62001LSFW	18473
61997MCNA	9745
61998MCNA	10005
61999MCNA	10292

62000MCNA	10606
62001MCNA	10947
61997MINI	3703
61998MINI	3979
61999MINI	4117
62000MINI	4263
62001MINI	4415
61997THED	8014
61998THED	8228
61999THED	8464
62000THED	8722
62001THED	9002
61997YAKC	483
61998YAKC	517
61999YAKC	544
62000YAKC	542
62001YAKC	541
61997YAKR	754
61998YAKR	798
61999YAKR	926
62000YAKR	860
62001YAKR	889
	928066

928066 = TOT

AL FOR 6

61994ZABF	0
	0

0 = TOT

AL FOR 6

HISTORICAL FEDERAL INVESTMENTS

			ORIGINAL	CURRENT	INTEREST	DUE	INSERVICE	CALENDAR
	PROJECT		PRINCIPAL	PRINCIPAL	RATE	DATE	DATE	MONTH
6	1996	ALBE X	26590	17950	.06050	2005	1955	
6	1996	ALBE X	12	12	.06050	2005 R	1956	

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6	1996	ALBE X	11	11	.06050	2005 R	1957
6	1996	ALBE X	12	12	.06050	2005 R	1958
6	1996	ALBE X	12	12	.06050	2005 R	1959
6	1996	ALBE X	11	11	.06050	2005 R	1960
6	1996	ALBE X	12	12	.06050	2005 R	1961
6	1996	ALBE X	12	12	.06050	2005 R	1962
6	1996	ALBE X	11	11	.06050	2005 R	1963
6	1996	ALBE X	12	12	.06050	2005 R	1964
6	1996	ALBE X	12	12	.06050	2005 R	1965
6	1996	ALBE X	11	11	.06050	2005 R	1966
6	1996	ALBE X	12	12	.06050	2005 R	1967
6	1996	ALBE X	12	12	.06050	2005 R	1968
6	1996	ALBE X	11	11	.06050	2005 R	1969
6	1996	ALBE X	12	12	.06050	2005 R	1970
6	1996	ALBE X	12	12	.06050	2005 R	1971
6	1996	ALBE X	11	11	.06050	2005 R	1972
6	1996	ALBE X	12	12	.06050	2005 R	1973
6	1996	ALBE X	12	12	.06050	2005 R	1974
6	1996	ALBE X	11	11	.06050	2005 R	1975
6	1996	ALBE X	12	12	.06050	2005 R	1976
6	1996	ALBE X	12	12	.06050	2005 R	1977
6	1996	ALBE X	11	11	.06050	2005 R	1978
6	1996	ALBE X	12	12	.06050	2005 R	1979
6	1996	ALBE X	12	12	.06050	2005 R	1980
6	1996	ALBE X	11	11	.06050	2005 R	1981
6	1996	ALBE X	12	12	.06050	2005 R	1982
6	1996	ALBE X	12	12	.06050	2005 R	1983
6	1996	ALBE X	7	7	.06050	2005	1985
6	1996	ALBE X	312	312	.06050	2005	1986
6	1996	ALBE X	15	0	.08875	2005 R	1987
6	1996	ALBE X	12	12	.06050	2005	1987
6	1996	ALBE X	328	0	.08500	2005 R	1988
6	1996	ALBE X	221	0	.09250	2005 R	1989
6	1996	ALBE X	1287	0	.08875	2005	1990
6	1996	ALBE X	43	0	.08750	2005 R	1991
6	1996	ALBE X	111	0	.08750	2005	1991
6	1996	ALBE X	7	0	.08500	2005 R	1992
6	1996	ALBE X	106	0	.08500	2005	1992
6	1996	ALBE X	714	0	.07875	2005 R	1993

							Prtg.txt	
6	1996	ALBE	X	295	0	.07875	2005	1993
6	1996	ALBE	X	61	0	.07125	2019 R	1994
6	1996	ALBE	X	173	0	.07125	2019	1994
6	1996	ALBE	X	1158	1158	.06490	2045	1995
6	1996	ALBE	X	57	57	.06180	2010	1995
6	1996	ALBE	X	550	550	.06490	2045	1995
6	1996	ALBE	X	18	18	.06180	2010	1995
6	1996	ALBE	X	461	461	.06490	2045	1995
6	1996	BOIS	X	1249	0	.03000	1962	1912
6	1996	BOIS	X	832	0	.03000	1976	1926
6	1996	BOIS	X	416	0	.03000	2000	1950
6	1996	BOIS	X	1873	0	.03000	2001	1951
6	1996	BOIS	X	11	0	.03000	2001 R	1952
6	1996	BOIS	X	11	0	.03000	2001 R	1953
6	1996	BOIS	X	11	0	.03000	2001 R	1954
6	1996	BOIS	X	11	0	.03000	2001 R	1955
6	1996	BOIS	X	11	0	.03000	2001 R	1956
6	1996	BOIS	X	11	0	.03000	2001 R	1957
6	1996	BOIS	X	11	0	.03000	2001 R	1958
6	1996	BOIS	X	11	0	.03000	2001 R	1959
6	1996	BOIS	X	11	0	.03000	2001 R	1960
6	1996	BOIS	X	11	0	.03000	2001 R	1961
6	1996	BOIS	X	11	0	.03000	2001 R	1962
6	1996	BOIS	X	11	0	.03000	2001 R	1963
6	1996	BOIS	X	11	0	.03000	2001 R	1964
6	1996	BOIS	X	11	0	.03000	2001 R	1965
6	1996	BOIS	X	11	0	.03000	2001 R	1966
6	1996	BOIS	X	11	0	.03000	2001 R	1967
6	1996	BOIS	X	11	0	.03000	2001 R	1968
6	1996	BOIS	X	11	0	.03000	2001 R	1969
6	1996	BOIS	X	11	0	.03000	2001 R	1970
6	1996	BOIS	X	11	0	.03000	2001 R	1971
6	1996	BOIS	X	11	0	.03000	2001 R	1972
6	1996	BOIS	X	11	0	.03000	2001 R	1973
6	1996	BOIS	X	11	0	.03000	2001 R	1974
6	1996	BOIS	X	11	0	.03000	2001 R	1975
6	1996	BOIS	X	11	0	.03000	2001 R	1976
6	1996	BOIS	X	11	0	.03000	2001 R	1977
6	1996	BOIS	X	11	0	.03000	2001 R	1978

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6	1996	BOIS	X	11	0	.03000	2001 R	1979
6	1996	BOIS	X	18	0	.03000	2001 R	1980
6	1996	BOIS	X	8	0	.03000	2001 R	1981
6	1996	BOIS	X	1	0	.03000	2001 R	1982
6	1996	BOIS	X	1	0	.03000	2001 R	1983
6	1996	BOIS	X	1325	0	.10750	2001 R	1984
6	1996	BOIS	X	107	93	.05810	2001	1986
6	1996	BOIS	X	3	0	.08500	2001	1988
6	1996	BOIS	X	3264	0	.09250	2001 R	1989
6	1996	BOIS	X	38	0	.08875	2001 R	1990
6	1996	BOIS	X	50	0	.08750	2001 R	1991
6	1996	BOIS	X	418	0	.07875	2001	1993
6	1996	BOIS	X	7	0	.07125	1999 R	1994
6	1996	BOIS	X	1	0	.07125	2000	1995
6	1996	BON2	X	45122	45122	.06490	2031 A	1981
6	1996	BON2	X	224281	224281	.06490	2032 A	1982
6	1996	BON2	X	68791	68791	.06490	2033 A	1983
6	1996	BON2	X	10072	10072	.06490	2033 A	1985
6	1996	BON2	X	33705	33705	.06490	2033 A	1986
6	1996	BON2	X	3088	3088	.06490	2033 A	1987
6	1996	BON2	X	1402	1402	.06490	2033 A	1988
6	1996	BON2	X	1357	1357	.06490	2033 A	1989
6	1996	BON2	X	1750	1750	.06490	2033 A	1990
6	1996	BON2	X	3998	0	.08750	2033 A	1991
6	1996	BON2	X	26	0	.08750	2033 R	1991
6	1996	BON2	X	2446	0	.08500	2033 A	1992
6	1996	BON2	X	3668	0	.07875	2033 A	1993
6	1996	BON2	X	6242	6242	.06490	2044 A	1994
6	1996	BONN	X	11726	0	.02500	1988	1938
6	1996	BONN	X	17589	0	.02500	1991	1941
6	1996	BONN	X	5863	0	.02500	1992	1942
6	1996	BONN	X	17589	0	.02500	1993	1943
6	1996	BONN	X	5860	0	.02500	1994	1944
6	1996	BONN	X	82	0	.02500	1994 R	1945
6	1996	BONN	X	81	0	.02500	1994 R	1946
6	1996	BONN	X	82	0	.02500	1994 R	1947
6	1996	BONN	X	81	0	.02500	1994 R	1948
6	1996	BONN	X	82	0	.02500	1994 R	1949
6	1996	BONN	X	81	0	.02500	1994 R	1950

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6	1996	BONN	X	81	0	.02500	1994	R	1951
6	1996	BONN	X	82	0	.02500	1994	R	1952
6	1996	BONN	X	81	0	.02500	1994	R	1953
6	1996	BONN	X	82	0	.02500	1994	R	1954
6	1996	BONN	X	81	0	.02500	1994	R	1955
6	1996	BONN	X	81	0	.02500	1994	R	1956
6	1996	BONN	X	82	0	.02500	1994	R	1957
6	1996	BONN	X	81	0	.02500	1994	R	1958
6	1996	BONN	X	82	0	.02500	1994	R	1959
6	1996	BONN	X	81	0	.02500	1994	R	1960
6	1996	BONN	X	81	0	.02500	1994	R	1961
6	1996	BONN	X	82	0	.02500	1994	R	1962
6	1996	BONN	X	81	0	.02500	1994	R	1963
6	1996	BONN	X	82	0	.02500	1994	R	1964
6	1996	BONN	X	81	0	.02500	1994	R	1965
6	1996	BONN	X	81	0	.02500	1994	R	1966
6	1996	BONN	X	82	0	.02500	1994	R	1967
6	1996	BONN	X	81	0	.02500	1994	R	1968
6	1996	BONN	X	82	0	.02500	1994	R	1969
6	1996	BONN	X	81	0	.02500	1994	R	1970
6	1996	BONN	X	81	0	.02500	1994	R	1971
6	1996	BONN	X	82	0	.02500	1994	R	1972
6	1996	BONN	X	81	0	.02500	1994	R	1973
6	1996	BONN	X	82	0	.02500	1994	R	1974
6	1996	BONN	X	81	0	.02500	1994	R	1975
6	1996	BONN	X	81	0	.02500	1994	R	1976
6	1996	BONN	X	17225	17225	.06490	2027	B	1977
6	1996	BONN	X	82	0	.02500	1994	R	1977
6	1996	BONN	X	81	0	.02500	1994	R	1978
6	1996	BONN	X	82	0	.02500	1994	R	1979
6	1996	BONN	X	81	0	.02500	1994	R	1980
6	1996	BONN	X	81	0	.02500	1994	R	1981
6	1996	BONN	X	82	0	.02500	1994	R	1982
6	1996	BONN	X	81	0	.02500	1994	R	1983
6	1996	BONN	X	873	0	.10750	1994	R	1984
6	1996	BONN	X	119	0	.02500	1994		1985
6	1996	BONN	X	454	0	.11375	1994	R	1986
6	1996	BONN	X	555	0	.02500	1994		1986
6	1996	BONN	X	26	0	.08875	1994	R	1987

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6	1996	BONN	X	260	0	.02500	1994	1987
6	1996	BONN	X	4199	0	.08500	1994	1988
6	1996	BONN	X	10	0	.08500	1994 R	1988
6	1996	BONN	X	877	0	.09250	1994 R	1989
6	1996	BONN	X	519	0	.08875	1994 R	1990
6	1996	BONN	X	651	0	.08875	1994 A	1990
6	1996	BONN	X	35	0	.08750	1994 R	1991
6	1996	BONN	X	3193	0	.08750	1994	1991
6	1996	BONN	X	99	0	.08500	1994 R	1992
6	1996	BONN	X	25	0	.08500	1994	1992
6	1996	BONN	X	5011	0	.07875	2018	1993
6	1996	BONN	X	536	0	.07125	2029 A	1994
6	1996	BONN	X	3953	3953	.06490	2045	1995
6	1996	BONN	X	425	425	.06490	2045	1995
6	1996	BONN	X	60	60	.06490	2030	1995
6	1996	BONN	X	9	0	.08500	2000	1995
6	1996	BONN	X	345	345	.06490	2045 R	1995
6	1996	BONN	X	26	26	.06180	2010	1995
6	1996	BONN	X	432	432	.06490	2045 R	1995
6	1996	BONN	X	113	113	.06490	2035	1995
6	1996	BONN	X	496	496	.06490	2045	1995
6	1996	BONN	X	22	22	.06380	2020 R	1995
6	1996	BONN	X	23	23	.06380	2020 R	1995
6	1996	CHIE	X	28460	2409	.06050	2005	1955
6	1996	CHIE	X	14590	14590	.06110	2006	1956
6	1996	CHIE	X	42597	42597	.06130	2007	1957
6	1996	CHIE	X	34568	34568	.06150	2008	1958
6	1996	CHIE	X	242	242	.06150	2008 R	1959
6	1996	CHIE	X	242	242	.06150	2008 R	1960
6	1996	CHIE	X	242	242	.06150	2008 R	1961
6	1996	CHIE	X	242	242	.06150	2008 R	1962
6	1996	CHIE	X	243	243	.06150	2008 R	1963
6	1996	CHIE	X	242	242	.06150	2008 R	1964
6	1996	CHIE	X	242	242	.06150	2008 R	1965
6	1996	CHIE	X	242	242	.06150	2008 R	1966
6	1996	CHIE	X	242	242	.06150	2008 R	1967
6	1996	CHIE	X	243	243	.06150	2008 R	1968
6	1996	CHIE	X	242	242	.06150	2008 R	1969
6	1996	CHIE	X	242	242	.06150	2008 R	1970

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6	1996	CHIE	X	242	242	.06150	2008	R	1971
6	1996	CHIE	X	242	242	.06150	2008	R	1972
6	1996	CHIE	X	243	243	.06150	2008	R	1973
6	1996	CHIE	X	242	242	.06150	2008	R	1974
6	1996	CHIE	X	242	242	.06150	2008	R	1975
6	1996	CHIE	X	242	242	.06150	2008	R	1976
6	1996	CHIE	X	33539	33539	.06490	2027	A	1977
6	1996	CHIE	X	242	242	.06150	2008	R	1977
6	1996	CHIE	X	83229	83229	.06490	2028	A	1978
6	1996	CHIE	X	243	243	.06150	2008	R	1978
6	1996	CHIE	X	66118	66118	.06490	2029	A	1979
6	1996	CHIE	X	242	242	.06150	2008	R	1979
6	1996	CHIE	X	242	242	.06150	2008	R	1980
6	1996	CHIE	X	242	242	.06150	2008	R	1981
6	1996	CHIE	X	242	242	.06150	2008	R	1982
6	1996	CHIE	X	243	243	.06150	2008	R	1983
6	1996	CHIE	X	909	0	.10750	2008	R	1984
6	1996	CHIE	X	18018	18018	.06490	2029	A	1985
6	1996	CHIE	X	50	50	.06150	2008		1985
6	1996	CHIE	X	5902	5902	.06490	2029	A	1986
6	1996	CHIE	X	104	0	.08875	2008	R	1987
6	1996	CHIE	X	3341	3341	.06490	2029	A	1987
6	1996	CHIE	X	2996	2996	.06490	2029	A	1988
6	1996	CHIE	X	327	0	.09250	2008	R	1989
6	1996	CHIE	X	2451	2451	.06490	2029	A	1989
6	1996	CHIE	X	4958	4958	.06490	2029		1990
6	1996	CHIE	X	1024	0	.08875	2008	A	1990
6	1996	CHIE	X	3840	0	.08750	2029	A	1991
6	1996	CHIE	X	34	0	.08750	2008	R	1991
6	1996	CHIE	X	293	0	.08750	2008		1991
6	1996	CHIE	X	2032	0	.08500	2029	A	1992
6	1996	CHIE	X	142	0	.08500	2008	R	1992
6	1996	CHIE	X	717	0	.08500	2008		1992
6	1996	CHIE	X	42	0	.07875	2008	R	1993
6	1996	CHIE	X	794	0	.07875	2008		1993
6	1996	CHIE	X	1360	0	.07875	2029	A	1993
6	1996	CHIE	X	129	0	.07125	2029		1994
6	1996	CHIE	X	65	0	.07125	2029	R	1994
6	1996	CHIE	X	4662	4399	.06490	2044	A	1994

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6	1996	CHIE	X	822	822	.06490	2045	1995
6	1996	CHIE	X	739	739	.06490	2045	1995
6	1996	CHIE	X	151	151	.06490	2045	1995
6	1996	CHIE	X	584	584	.06490	2045 R	1995
6	1996	CHIE	X	16	16	.06180	2010	1995
6	1996	COL3	X	51376	43303	.06470	2025 A	1975
6	1996	COL3	X	45432	45432	.06490	2026 A	1976
6	1996	COL3	X	47042	47042	.06490	2027 A	1977
6	1996	COL3	X	46671	46671	.06490	2028 A	1978
6	1996	COL3	X	92643	92643	.06490	2029 A	1979
6	1996	COL3	X	786	786	.06490	2033 B	1983
6	1996	COL3	X	14343	14343	.06490	2033 A	1983
6	1996	COL3	X	18714	18714	.06490	2033 A	1984
6	1996	COL3	X	14552	14552	.06490	2033 A	1984
6	1996	COL3	X	46077	46077	.06490	2033 A	1985
6	1996	COL3	X	118	118	.06490	2033	1985
6	1996	COL3	X	17139	17139	.06490	2033 A	1986
6	1996	COL3	X	15928	15928	.06490	2033 A	1987
6	1996	COL3	X	4800	4800	.06490	2033 A	1988
6	1996	COL3	X	12026	12026	.06490	2033 A	1989
6	1996	COL3	X	7041	7041	.06490	2033 A	1990
6	1996	COL3	X	39	0	.08750	2033 A	1991
6	1996	COL3	X	1360	0	.08500	2033 A	1992
6	1996	COL3	X	12962	0	.07875	2033 A	1993
6	1996	COL3	X	13832	13832	.06490	2044 A	1994
6	1996	COLU	X	10919	0	.03000	1991	1941
6	1996	COLU	X	16165	0	.03000	1992	1942
6	1996	COLU	X	8083	0	.03000	1993	1943
6	1996	COLU	X	16165	0	.03000	1994	1944
6	1996	COLU	X	24247	0	.03000	1998	1948
6	1996	COLU	X	24247	0	.03000	1999	1949
6	1996	COLU	X	16165	0	.03000	2000	1950
6	1996	COLU	X	31397	8025	.05810	2001	1951
6	1996	COLU	X	269	269	.05810	2001 R	1952
6	1996	COLU	X	269	269	.05810	2001 R	1953
6	1996	COLU	X	269	269	.05810	2001 R	1954
6	1996	COLU	X	269	269	.05810	2001 R	1955
6	1996	COLU	X	270	270	.05810	2001 R	1956
6	1996	COLU	X	269	269	.05810	2001 R	1957

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6	1996	COLU	X	269	269	.05810	2001 R	1958
6	1996	COLU	X	269	269	.05810	2001 R	1959
6	1996	COLU	X	269	269	.05810	2001 R	1960
6	1996	COLU	X	270	270	.05810	2001 R	1961
6	1996	COLU	X	269	269	.05810	2001 R	1962
6	1996	COLU	X	269	269	.05810	2001 R	1963
6	1996	COLU	X	269	269	.05810	2001 R	1964
6	1996	COLU	X	269	269	.05810	2001 R	1965
6	1996	COLU	X	270	270	.05810	2001 R	1966
6	1996	COLU	X	269	269	.05810	2001 R	1967
6	1996	COLU	X	269	269	.05810	2001 R	1968
6	1996	COLU	X	269	269	.05810	2001 R	1969
6	1996	COLU	X	269	269	.05810	2001 R	1970
6	1996	COLU	X	270	270	.05810	2001 R	1971
6	1996	COLU	X	269	269	.05810	2001 R	1972
6	1996	COLU	X	269	269	.05810	2001 R	1973
6	1996	COLU	X	269	269	.05810	2001 R	1974
6	1996	COLU	X	269	269	.05810	2001 R	1975
6	1996	COLU	X	270	270	.05810	2001 R	1976
6	1996	COLU	X	269	269	.05810	2001 R	1977
6	1996	COLU	X	269	269	.05810	2001 R	1978
6	1996	COLU	X	269	269	.05810	2001 R	1979
6	1996	COLU	X	269	269	.05810	2001 R	1980
6	1996	COLU	X	270	270	.05810	2001 R	1981
6	1996	COLU	X	269	269	.05810	2001 R	1982
6	1996	COLU	X	269	269	.05810	2001 R	1983
6	1996	COLU	X	7815	0	.10750	2001 R	1984
6	1996	COLU	X	7338	0	.12375	2001 R	1985
6	1996	COLU	X	245	245	.05810	2001	1985
6	1996	COLU	X	132	132	.05810	2001	1986
6	1996	COLU	X	13	13	.05810	2001	1987
6	1996	COLU	X	184	0	.08500	2001 R	1988
6	1996	COLU	X	1166	0	.09250	2001 R	1989
6	1996	COLU	X	928	0	.08875	2001 R	1990
6	1996	COLU	X	177	0	.08750	2001	1991
6	1996	COLU	X	1661	0	.08750	2001 R	1991
6	1996	COLU	X	445	0	.08500	2001 R	1992
6	1996	COLU	X	792	0	.07875	2001	1993
6	1996	COLU	X	858	858	.06320	2017 B	1967

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6	1996	COLU	X	25	0	.07875	2000	1995
6	1996	COLU	X	221	221	.06380	2020	1995
6	1996	COLU	X	908	908	.06490	2045	1995
6	1996	COLU	X	519	519	.06490	2045	1995
6	1996	COLU	X	384	384	.06490	2045 R	1995
6	1996	COLU	X	367	367	.06490	2030 R	1995
6	1996	COLU	X	283	0	.10750	2030 R	1995
6	1996	COLU	X	437	0	.12375	2030	1995
6	1996	COLU	X	249	0	.12375	2030 R	1995
6	1996	COUG	X	11545	10173	.06260	2014	1964
6	1996	COUG	X	22	22	.06260	2014 R	1965
6	1996	COUG	X	22	22	.06260	2014 R	1966
6	1996	COUG	X	22	22	.06260	2014 R	1967
6	1996	COUG	X	22	22	.06260	2014 R	1968
6	1996	COUG	X	22	22	.06260	2014 R	1969
6	1996	COUG	X	22	22	.06260	2014 R	1970
6	1996	COUG	X	22	22	.06260	2014 R	1971
6	1996	COUG	X	22	22	.06260	2014 R	1972
6	1996	COUG	X	22	22	.06260	2014 R	1973
6	1996	COUG	X	22	22	.06260	2014 R	1974
6	1996	COUG	X	22	22	.06260	2014 R	1975
6	1996	COUG	X	22	22	.06260	2014 R	1976
6	1996	COUG	X	22	22	.06260	2014 R	1977
6	1996	COUG	X	22	22	.06260	2014 R	1978
6	1996	COUG	X	22	22	.06260	2014 R	1979
6	1996	COUG	X	22	22	.06260	2014 R	1980
6	1996	COUG	X	22	22	.06260	2014 R	1981
6	1996	COUG	X	22	22	.06260	2014 R	1982
6	1996	COUG	X	22	22	.06260	2014 R	1983
6	1996	COUG	X	1	0	.10750	2014 R	1984
6	1996	COUG	X	1	1	.06260	2014	1985
6	1996	COUG	X	55	0	.11375	2014 R	1986
6	1996	COUG	X	117	117	.06260	2014	1986
6	1996	COUG	X	51	51	.06260	2014	1987
6	1996	COUG	X	2	0	.08500	2014	1988
6	1996	COUG	X	6	0	.09250	2014 R	1989
6	1996	COUG	X	10	0	.08875	2014 R	1990
6	1996	COUG	X	1015	0	.08750	2014 R	1991
6	1996	COUG	X	1	0	.08750	2014	1991

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6	1996	COUG	X	2	0	.08500	2014	R	1992		
6	1996	COUG	X	539	0	.07875	2014		1993		
6	1996	COUG	X	31	0	.07125	2019	A	1994		
6	1996	COUG	X	3	0	.07250	2000		1995		
6	1996	CRFB	X	3969	0	.08500	2041		1991		
6	1996	CRFB	X	874	0	.08500	2042		1992		
6	1996	CRFB	X	85846	0	.08500	2043		1993		
6	1996	CRFB	X	39454	0	.08500	2044		1994		
6	1996	CRFB	X	45036	45036	.06490	2045		1995		
6	1996	DETR	X	12699	3244	.05950	2003		1953		
6	1996	DETR	X	21373	21373	.06000	2004		1954		
6	1996	DETR	X	19	19	.06000	2004	R	1955		
6	1996	DETR	X	20	20	.06000	2004	R	1956		
6	1996	DETR	X	19	19	.06000	2004	R	1957		
6	1996	DETR	X	20	20	.06000	2004	R	1958		
6	1996	DETR	X	19	19	.06000	2004	R	1959		
6	1996	DETR	X	20	20	.06000	2004	R	1960		
6	1996	DETR	X	19	19	.06000	2004	R	1961		
6	1996	DETR	X	20	20	.06000	2004	R	1962		
6	1996	DETR	X	19	19	.06000	2004	R	1963		
6	1996	DETR	X	20	20	.06000	2004	R	1964		
6	1996	DETR	X	19	19	.06000	2004	R	1965		
6	1996	DETR	X	20	20	.06000	2004	R	1966		
6	1996	DETR	X	19	19	.06000	2004	R	1967		
6	1996	DETR	X	20	20	.06000	2004	R	1968		
6	1996	DETR	X	19	19	.06000	2004	R	1969		
6	1996	DETR	X	20	20	.06000	2004	R	1970		
6	1996	DETR	X	19	19	.06000	2004	R	1971		
6	1996	DETR	X	20	20	.06000	2004	R	1972		
6	1996	DETR	X	19	19	.06000	2004	R	1973		
6	1996	DETR	X	20	20	.06000	2004	R	1974		
6	1996	DETR	X	19	19	.06000	2004	R	1975		
6	1996	DETR	X	20	20	.06000	2004	R	1976		
6	1996	DETR	X	19	19	.06000	2004	R	1977		
6	1996	DETR	X	20	20	.06000	2004	R	1978		
6	1996	DETR	X	19	19	.06000	2004	R	1979		
6	1996	DETR	X	20	20	.06000	2004	R	1980		
6	1996	DETR	X	19	19	.06000	2004	R	1981		
6	1996	DETR	X	20	20	.06000	2004	R	1982		

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6	1996	DETR	X	19	19	.06000	2004	R	1983
6	1996	DETR	X	21	0	.10750	2004	R	1984
6	1996	DETR	X	6	6	.06000	2004		1985
6	1996	DETR	X	38	0	.11375	2004	R	1986
6	1996	DETR	X	233	0	.08875	2004	R	1987
6	1996	DETR	X	3	3	.06000	2004		1987
6	1996	DETR	X	68	0	.08500	2004	R	1988
6	1996	DETR	X	26	0	.09250	2004	R	1989
6	1996	DETR	X	115	0	.08875	2004		1990
6	1996	DETR	X	9	0	.08750	2004	R	1991
6	1996	DETR	X	20	0	.08750	2004		1991
6	1996	DETR	X	8	0	.08500	2004		1992
6	1996	DETR	X	211	0	.07875	2004		1993
6	1996	DETR	X	7	0	.07125	1999	R	1994
6	1996	DETR	X	13	0	.07250	2000		1995
6	1996	DWOR	X	153906	148459	.06430	2023		1973
6	1996	DWOR	X	575	575	.06430	2023	R	1974
6	1996	DWOR	X	578	578	.06430	2023	R	1975
6	1996	DWOR	X	578	578	.06430	2023	R	1976
6	1996	DWOR	X	578	578	.06430	2023	R	1977
6	1996	DWOR	X	578	578	.06430	2023	R	1978
6	1996	DWOR	X	578	578	.06430	2023	R	1979
6	1996	DWOR	X	578	578	.06430	2023	R	1980
6	1996	DWOR	X	578	578	.06430	2023	R	1981
6	1996	DWOR	X	578	578	.06430	2023	R	1982
6	1996	DWOR	X	584	584	.06430	2023	R	1983
6	1996	DWOR	X	2499	0	.10750	2023	R	1984
6	1996	DWOR	X	1273	1273	.06430	2023		1985
6	1996	DWOR	X	220	220	.06430	2023		1986
6	1996	DWOR	X	65	0	.08875	2023	R	1987
6	1996	DWOR	X	31	6	.06430	2023		1987
6	1996	DWOR	X	61	0	.08500	2023	R	1988
6	1996	DWOR	X	63	0	.09250	2023	R	1989
6	1996	DWOR	X	245	0	.08875	2023	R	1990
6	1996	DWOR	X	24	0	.08875	2023		1990
6	1996	DWOR	X	224	0	.08750	2023		1991
6	1996	DWOR	X	4	0	.02625	2023		1992
6	1996	DWOR	X	28	0	.08500	2023	R	1992
6	1996	DWOR	X	24	0	.08500	2023		1992

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6	1996	DWOR	X	41	0	.07875	2023	R	1993		
6	1996	DWOR	X	1872	0	.07875	2023		1993		
6	1996	DWOR	X	1351	0	.07125	2029	R	1994		
6	1996	DWOR	X	964	0	.07125	2029	A	1994		
6	1996	DWOR	X	57	0	.09250	2020		1995		
6	1996	DWOR	X	1202	1202	.06490	2045		1995		
6	1996	DWOR	X	227	227	.06490	2030		1995		
6	1996	GREE	X	14520	13547	.06320	2017		1967		
6	1996	GREE	X	13828	13828	.06340	2018		1968		
6	1996	GREE	X	45	45	.06340	2018	R	1969		
6	1996	GREE	X	45	45	.06340	2018	R	1970		
6	1996	GREE	X	45	45	.06340	2018	R	1971		
6	1996	GREE	X	45	45	.06340	2018	R	1972		
6	1996	GREE	X	45	45	.06340	2018	R	1973		
6	1996	GREE	X	45	45	.06340	2018	R	1974		
6	1996	GREE	X	45	45	.06340	2018	R	1975		
6	1996	GREE	X	45	45	.06340	2018	R	1976		
6	1996	GREE	X	45	45	.06340	2018	R	1977		
6	1996	GREE	X	45	45	.06340	2018	R	1978		
6	1996	GREE	X	45	45	.06340	2018	R	1979		
6	1996	GREE	X	45	45	.06340	2018	R	1980		
6	1996	GREE	X	45	45	.06340	2018	R	1981		
6	1996	GREE	X	45	45	.06340	2018	R	1982		
6	1996	GREE	X	45	45	.06340	2018	R	1983		
6	1996	GREE	X	15	0	.10750	2018	R	1984		
6	1996	GREE	X	19	19	.06340	2018		1985		
6	1996	GREE	X	3	0	.11375	2018	R	1986		
6	1996	GREE	X	3	3	.06340	2018		1986		
6	1996	GREE	X	2	0	.08875	2018	R	1987		
6	1996	GREE	X	2	2	.06340	2018		1987		
6	1996	GREE	X	13	0	.08500	2018		1988		
6	1996	GREE	X	24	0	.09250	2018	R	1989		
6	1996	GREE	X	5	0	.08875	2018		1990		
6	1996	GREE	X	48	0	.08750	2018		1991		
6	1996	GREE	X	2	0	.08500	2018		1992		
6	1996	GREE	X	41	0	.07875	2018		1993		
6	1996	GREE	X	6	0	.07125	1999	A	1994		
6	1996	GREE	X	4	0	.07125	2000		1995		
6	1996	GREE	X	25	25	.06380	2020	R	1995		

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6	1996	GREE	X	11	11	.06380	2020	1995
6	1996	HILL	X	11393	10304	.06220	2012	1962
6	1996	HILL	X	14	14	.06220	2012 R	1963
6	1996	HILL	X	14	14	.06220	2012 R	1964
6	1996	HILL	X	14	14	.06220	2012 R	1965
6	1996	HILL	X	14	14	.06220	2012 R	1966
6	1996	HILL	X	14	14	.06220	2012 R	1967
6	1996	HILL	X	14	14	.06220	2012 R	1968
6	1996	HILL	X	14	14	.06220	2012 R	1969
6	1996	HILL	X	14	14	.06220	2012 R	1970
6	1996	HILL	X	14	14	.06220	2012 R	1971
6	1996	HILL	X	14	14	.06220	2012 R	1972
6	1996	HILL	X	14	14	.06220	2012 R	1973
6	1996	HILL	X	14	14	.06220	2012 R	1974
6	1996	HILL	X	14	14	.06220	2012 R	1975
6	1996	HILL	X	14	14	.06220	2012 R	1976
6	1996	HILL	X	14	14	.06220	2012 R	1977
6	1996	HILL	X	14	14	.06220	2012 R	1978
6	1996	HILL	X	14	14	.06220	2012 R	1979
6	1996	HILL	X	14	14	.06220	2012 R	1980
6	1996	HILL	X	14	14	.06220	2012 R	1981
6	1996	HILL	X	14	14	.06220	2012 R	1982
6	1996	HILL	X	14	14	.06220	2012 R	1983
6	1996	HILL	X	52	0	.10750	2012 R	1984
6	1996	HILL	X	7	7	.06220	2012	1985
6	1996	HILL	X	3	0	.08875	2012 R	1987
6	1996	HILL	X	3	0	.08500	2012 R	1988
6	1996	HILL	X	3	0	.08875	2012	1990
6	1996	HILL	X	17	0	.08750	2012	1991
6	1996	HILL	X	1	0	.08500	2012	1992
6	1996	HILL	X	13	0	.07875	2012	1993
6	1996	HUNG	X	72029	17228	.05950	2003	1953
6	1996	HUNG	X	18	18	.05950	2003 R	1954
6	1996	HUNG	X	18	18	.05950	2003 R	1955
6	1996	HUNG	X	18	18	.05950	2003 R	1956
6	1996	HUNG	X	19	19	.05950	2003 R	1957
6	1996	HUNG	X	19	19	.05950	2003 R	1958
6	1996	HUNG	X	19	19	.05950	2003 R	1959
6	1996	HUNG	X	19	19	.05950	2003 R	1960

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6	1996	HUNG	X	19	19	.05950	2003	R	1961
6	1996	HUNG	X	19	19	.05950	2003	R	1962
6	1996	HUNG	X	19	19	.05950	2003	R	1963
6	1996	HUNG	X	18	18	.05950	2003	R	1964
6	1996	HUNG	X	18	18	.05950	2003	R	1965
6	1996	HUNG	X	18	18	.05950	2003	R	1966
6	1996	HUNG	X	19	19	.05950	2003	R	1967
6	1996	HUNG	X	19	19	.05950	2003	R	1968
6	1996	HUNG	X	19	19	.05950	2003	R	1969
6	1996	HUNG	X	19	19	.05950	2003	R	1970
6	1996	HUNG	X	19	19	.05950	2003	R	1971
6	1996	HUNG	X	19	19	.05950	2003	R	1972
6	1996	HUNG	X	19	19	.05950	2003	R	1973
6	1996	HUNG	X	18	18	.05950	2003	R	1974
6	1996	HUNG	X	18	18	.05950	2003	R	1975
6	1996	HUNG	X	18	18	.05950	2003	R	1976
6	1996	HUNG	X	19	19	.05950	2003	R	1977
6	1996	HUNG	X	19	19	.05950	2003	R	1978
6	1996	HUNG	X	19	19	.05950	2003	R	1979
6	1996	HUNG	X	19	19	.05950	2003	R	1980
6	1996	HUNG	X	19	19	.05950	2003	R	1981
6	1996	HUNG	X	13	13	.05950	2003	R	1983
6	1996	HUNG	X	32	0	.10750	2003	R	1984
6	1996	HUNG	X	36	0	.12375	2003	R	1985
6	1996	HUNG	X	101	0	.09250	2003	R	1989
6	1996	HUNG	X	58	0	.08875	2003	R	1990
6	1996	HUNG	X	19	0	.08750	2003	R	1991
6	1996	HUNG	X	4136	0	.07875	2003	R	1993
6	1996	HUNG	X	2	0	.07875	2003		1993
6	1996	HUNG	X	56	0	.07125	2019	R	1994
6	1996	HUNG	X	6433	6433	.06490	2045		1995
6	1996	HUNG	X	553	553	.06490	2030	R	1995
6	1996	HUNG	X	1275	1275	.06490	2030	R	1995
6	1996	HUNG	X	5	0	.08875	2000		1995
6	1996	HUNG	X	176	176	.06380	2020	R	1995
6	1996	HUNG	X	513	513	.06490	2030	R	1995
6	1996	HUNG	X	15102	0	.11375	2045		1995
6	1996	ICEH	X	64641	49280	.06220	2012		1962
6	1996	ICEH	X	51	51	.06220	2012	R	1963

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6	1996	ICEH X	51	51	.06220	2012 R	1964
6	1996	ICEH X	52	52	.06220	2012 R	1965
6	1996	ICEH X	51	51	.06220	2012 R	1966
6	1996	ICEH X	51	51	.06220	2012 R	1967
6	1996	ICEH X	52	52	.06220	2012 R	1968
6	1996	ICEH X	51	51	.06220	2012 R	1969
6	1996	ICEH X	51	51	.06220	2012 R	1970
6	1996	ICEH X	52	52	.06220	2012 R	1971
6	1996	ICEH X	51	51	.06220	2012 R	1972
6	1996	ICEH X	51	51	.06220	2012 R	1973
6	1996	ICEH X	52	52	.06220	2012 R	1974
6	1996	ICEH X	51	51	.06220	2012 R	1975
6	1996	ICEH X	22486	22486	.06490	2026 A	1976
6	1996	ICEH X	51	51	.06220	2012 R	1976
6	1996	ICEH X	52	52	.06220	2012 R	1977
6	1996	ICEH X	51	51	.06220	2012 R	1978
6	1996	ICEH X	51	51	.06220	2012 R	1979
6	1996	ICEH X	52	52	.06220	2012 R	1980
6	1996	ICEH X	51	51	.06220	2012 R	1981
6	1996	ICEH X	51	51	.06220	2012 R	1982
6	1996	ICEH X	52	52	.06220	2012 R	1983
6	1996	ICEH X	23	23	.06490	2026 A	1985
6	1996	ICEH X	46	46	.06220	2012	1985
6	1996	ICEH X	152	152	.06220	2012	1986
6	1996	ICEH X	71	0	.08875	2012 R	1987
6	1996	ICEH X	4	4	.06220	2012	1987
6	1996	ICEH X	8	0	.08500	2012	1988
6	1996	ICEH X	57	0	.08500	2012 R	1988
6	1996	ICEH X	51	0	.09250	2012 R	1989
6	1996	ICEH X	427	0	.08875	2012 R	1990
6	1996	ICEH X	348	0	.08750	2012 R	1991
6	1996	ICEH X	177	0	.08500	2012	1992
6	1996	ICEH X	3192	0	.07875	2012 R	1993
6	1996	ICEH X	1645	0	.07875	2012	1993
6	1996	ICEH X	328	0	.07125	2029 R	1994
6	1996	ICEH X	520	0	.07125	2029 A	1994
6	1996	ICEH X	178	178	.06360	2019	1995
6	1996	ICEH X	87	87	.06360	2019	1995
6	1996	ICEH X	883	883	.06360	2019	1995

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6	1996	ICEH	X	2	0	.07250	2000	1995
6	1996	JOHN	X	30187	24619	.06340	2018	1968
6	1996	JOHN	X	108929	108929	.06360	2019	1969
6	1996	JOHN	X	26724	26724	.06380	2020	1970
6	1996	JOHN	X	39419	39419	.06390	2021	1971
6	1996	JOHN	X	12911	12911	.06410	2022	1972
6	1996	JOHN	X	3677	0	.10750	2022 R	1984
6	1996	JOHN	X	1209	0	.12375	2022 R	1985
6	1996	JOHN	X	7285	7285	.06410	2022	1985
6	1996	JOHN	X	713	0	.11375	2022 R	1986
6	1996	JOHN	X	3622	3622	.06410	2022	1986
6	1996	JOHN	X	4353	0	.08875	2022 R	1987
6	1996	JOHN	X	792	792	.06410	2022	1987
6	1996	JOHN	X	332	0	.08500	2022	1988
6	1996	JOHN	X	199	0	.08500	2022 R	1988
6	1996	JOHN	X	377	0	.09250	2022 R	1989
6	1996	JOHN	X	34	34	.06410	2022	1989
6	1996	JOHN	X	41	41	.06410	2022	1990
6	1996	JOHN	X	543	0	.08875	2022 R	1990
6	1996	JOHN	X	13218	0	.08750	2022 R	1991
6	1996	JOHN	X	144	0	.08750	2022	1991
6	1996	JOHN	X	21	21	.06410	2022	1992
6	1996	JOHN	X	95	0	.08500	2022	1992
6	1996	JOHN	X	7810	0	.07875	2022 R	1993
6	1996	JOHN	X	9585	0	.07875	2022	1993
6	1996	JOHN	X	14	0	.07125	2019 R	1994
6	1996	JOHN	X	1252	0	.07125	2029 A	1994
6	1996	JOHN	X	9	0	.07125	2000	1995
6	1996	JOHN	X	2	0	.09250	2000	1995
6	1996	JOHN	X	7943	7943	.06490	2045	1995
6	1996	JOHN	X	82	82	.06380	2020	1995
6	1996	JOHN	X	124	124	.06490	2035	1995
6	1996	JOHN	X	631	631	.06490	2045 R	1995
6	1996	JOHN	X	54	54	.06490	2035	1995
6	1996	JOHN	X	23	23	.06490	2035 R	1995
6	1996	LIBB	X	59608	53102	.06470	2025	1975
6	1996	LIBB	X	168661	168661	.06490	2026	1976
6	1996	LIBB	X	1610	1610	.06490	2026 R	1977
6	1996	LIBB	X	1610	1610	.06490	2026 R	1978

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6	1996	LIBB X	1610	1610	.06490	2026 R	1979
6	1996	LIBB X	1610	1610	.06490	2026 R	1980
6	1996	LIBB X	1610	1610	.06490	2026 R	1981
6	1996	LIBB X	1610	1610	.06490	2026 R	1982
6	1996	LIBB X	1610	1610	.06490	2026 R	1983
6	1996	LIBB X	104	0	.10750	2026 R	1984
6	1996	LIBB X	570	570	.06490	2026	1985
6	1996	LIBB X	311	311	.06490	2026	1986
6	1996	LIBB X	2	2	.06490	2026	1987
6	1996	LIBB X	19842	19842	.06490	2038 A	1988
6	1996	LIBB X	35	0	.08505	2026	1988
6	1996	LIBB X	131	0	.09250	2026 R	1989
6	1996	LIBB X	1	1	.06490	2026	1989
6	1996	LIBB X	11	0	.08875	2026	1990
6	1996	LIBB X	134	0	.08750	2026 R	1991
6	1996	LIBB X	100	0	.08500	2026 R	1992
6	1996	LIBB X	70	0	.08500	2026	1992
6	1996	LIBB X	600	0	.07875	2026	1993
6	1996	LIBB X	237	237	.06490	2029 R	1994
6	1996	LIBB X	312	312	.06490	2029 A	1994
6	1996	LIBB X	3959	3291	.06490	2030	1995
6	1996	LIBB X	97	97	.06490	2030	1995
6	1996	LIBB X	16	16	.06490	2030	1995
6	1996	LIBB X	42	42	.06490	2030 R	1995
6	1996	LITT X	25088	24063	.06380	2020	1970
6	1996	LITT X	48422	48422	.06390	2021	1971
6	1996	LITT X	32	32	.06390	2021 R	1972
6	1996	LITT X	33	33	.06390	2021 R	1973
6	1996	LITT X	32	32	.06390	2021 R	1974
6	1996	LITT X	33	33	.06390	2021 R	1975
6	1996	LITT X	32	32	.06390	2021 R	1976
6	1996	LITT X	33	33	.06390	2021 R	1977
6	1996	LITT X	54052	54052	.06490	2028 A	1978
6	1996	LITT X	32	32	.06390	2021 R	1978
6	1996	LITT X	33	33	.06390	2021 R	1979
6	1996	LITT X	32	32	.06390	2021 R	1980
6	1996	LITT X	33	33	.06390	2021 R	1981
6	1996	LITT X	32	32	.06390	2021 R	1982
6	1996	LITT X	33	33	.06390	2021 R	1983

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6	1996	LITT	X	201	0	.10750	2021	R	1984
6	1996	LITT	X	51	51	.06490	2028	A	1985
6	1996	LITT	X	196	196	.06390	2021		1985
6	1996	LITT	X	270	270	.06390	2021		1986
6	1996	LITT	X	72	0	.08875	2021	R	1987
6	1996	LITT	X	6	6	.06390	2021		1987
6	1996	LITT	X	12	0	.08500	2021		1988
6	1996	LITT	X	68	0	.08500	2021	R	1988
6	1996	LITT	X	77	0	.09250	2021	R	1989
6	1996	LITT	X	408	0	.08875	2021	R	1990
6	1996	LITT	X	21	0	.08875	2021		1990
6	1996	LITT	X	266	0	.08750	2021	R	1991
6	1996	LITT	X	66	0	.08500	2021	R	1992
6	1996	LITT	X	27	0	.08500	2021		1992
6	1996	LITT	X	276	0	.07875	2021	R	1993
6	1996	LITT	X	3359	0	.07875	2021		1993
6	1996	LITT	X	37	0	.07125	2019	R	1994
6	1996	LITT	X	2044	0	.07125	2029	A	1994
6	1996	LITT	X	766	766	.06490	2040		1995
6	1996	LITT	X	17	17	.06490	2040		1995
6	1996	LITT	X	353	353	.06490	2040	R	1995
6	1996	LOOK	X	36138	30265	.06050	2005		1955
6	1996	LOOK	X	56	56	.06050	2005	R	1956
6	1996	LOOK	X	54	54	.06050	2005	R	1957
6	1996	LOOK	X	54	54	.06050	2005	R	1958
6	1996	LOOK	X	54	54	.06050	2005	R	1959
6	1996	LOOK	X	54	54	.06050	2005	R	1960
6	1996	LOOK	X	55	55	.06050	2005	R	1961
6	1996	LOOK	X	54	54	.06050	2005	R	1962
6	1996	LOOK	X	54	54	.06050	2005	R	1963
6	1996	LOOK	X	54	54	.06050	2005	R	1964
6	1996	LOOK	X	54	54	.06050	2005	R	1965
6	1996	LOOK	X	54	54	.06050	2005	R	1966
6	1996	LOOK	X	55	55	.06050	2005	R	1967
6	1996	LOOK	X	54	54	.06050	2005	R	1968
6	1996	LOOK	X	54	54	.06050	2005	R	1969
6	1996	LOOK	X	54	54	.06050	2005	R	1970
6	1996	LOOK	X	54	54	.06050	2005	R	1971
6	1996	LOOK	X	54	54	.06050	2005	R	1972

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6	1996	LOOK	X	54	54	.06050	2005	R	1974
6	1996	LOOK	X	54	54	.06050	2005	R	1975
6	1996	LOOK	X	54	54	.06050	2005	R	1976
6	1996	LOOK	X	54	54	.06050	2005	R	1977
6	1996	LOOK	X	54	54	.06050	2005	R	1978
6	1996	LOOK	X	55	55	.06050	2005	R	1979
6	1996	LOOK	X	54	54	.06050	2005	R	1980
6	1996	LOOK	X	54	54	.06050	2005	R	1981
6	1996	LOOK	X	54	54	.06050	2005	R	1982
6	1996	LOOK	X	54	54	.06050	2005	R	1983
6	1996	LOOK	X	185	0	.10750	2005	R	1984
6	1996	LOOK	X	56	56	.06050	2005		1985
6	1996	LOOK	X	45	45	.06050	2005		1986
6	1996	LOOK	X	12	0	.08875	2005	R	1987
6	1996	LOOK	X	9	9	.06050	2005		1987
6	1996	LOOK	X	46	0	.08500	2005		1988
6	1996	LOOK	X	17	0	.08500	2005	R	1988
6	1996	LOOK	X	23	0	.09250	2005	R	1989
6	1996	LOOK	X	147	0	.08875	2005	R	1990
6	1996	LOOK	X	4	0	.08875	2005		1990
6	1996	LOOK	X	6	0	.08750	2005	R	1991
6	1996	LOOK	X	50	0	.08750	2005		1991
6	1996	LOOK	X	181	0	.08500	2005	R	1992
6	1996	LOOK	X	4	0	.08500	2005		1992
6	1996	LOOK	X	18	0	.07875	2005	R	1993
6	1996	LOOK	X	189	0	.07875	2005		1993
6	1996	LOOK	X	73	0	.07125	2019	A	1994
6	1996	LOOK	X	180	180	.06490	2045		1995
6	1996	LOOK	X	146	146	.06490	2035		1995
6	1996	LOOK	X	17	17	.06490	2035		1995
6	1996	LOOK	X	10	10	.06490	2045		1995
6	1996	LOOK	X	87	87	.06490	2045	R	1995
6	1996	LOOK	X	36	36	.06490	2045		1995
6	1996	LOST	X	14847	14755	.06490	2027		1977
6	1996	LOST	X	64	64	.06490	2027	R	1978
6	1996	LOST	X	66	66	.06490	2027	R	1979
6	1996	LOST	X	66	66	.06490	2027	R	1980
6	1996	LOST	X	66	66	.06490	2027	R	1981

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6	1996	LOST	X	66	66	.06490	2027	R	1982
6	1996	LOST	X	66	66	.06490	2027	R	1983
6	1996	LOST	X	243	0	.10750	2027	R	1984
6	1996	LOST	X	14	14	.06490	2027		1985
6	1996	LOST	X	5	0	.11375	2027	R	1986
6	1996	LOST	X	7	7	.06490	2027		1986
6	1996	LOST	X	3	0	.08875	2027	R	1987
6	1996	LOST	X	5	5	.06490	2027		1987
6	1996	LOST	X	7	0	.08500	2027		1988
6	1996	LOST	X	9	0	.09250	2027	R	1989
6	1996	LOST	X	1	0	.08875	2027		1990
6	1996	LOST	X	31	0	.08750	2027		1991
6	1996	LOST	X	1	0	.08500	2027	R	1992
6	1996	LOST	X	1	0	.08500	2027		1992
6	1996	LOST	X	1	0	.07875	2027	R	1993
6	1996	LOST	X	14	0	.07875	2027		1993
6	1996	LOST	X	4	0	.07125	2000		1995
6	1996	LOST	X	97	97	.06490	2045	R	1995
6	1996	LOWG	X	131997	130405	.06470	2025		1975
6	1996	LOWG	X	565	565	.06470	2025	R	1976
6	1996	LOWG	X	565	565	.06470	2025	R	1977
6	1996	LOWG	X	44276	44276	.06490	2028	A	1978
6	1996	LOWG	X	565	565	.06470	2025	R	1978
6	1996	LOWG	X	566	566	.06470	2025	R	1979
6	1996	LOWG	X	565	565	.06470	2025	R	1980
6	1996	LOWG	X	565	565	.06470	2025	R	1981
6	1996	LOWG	X	566	566	.06470	2025	R	1982
6	1996	LOWG	X	565	565	.06470	2025	R	1983
6	1996	LOWG	X	311	0	.10750	2025	R	1984
6	1996	LOWG	X	364	364	.06470	2025		1985
6	1996	LOWG	X	4	0	.11375	2025	R	1986
6	1996	LOWG	X	238	238	.06470	2025		1986
6	1996	LOWG	X	60	0	.08875	2025	R	1987
6	1996	LOWG	X	9	9	.06470	2025		1987
6	1996	LOWG	X	22	0	.08500	2025		1988
6	1996	LOWG	X	95	0	.08500	2025	R	1988
6	1996	LOWG	X	112	0	.09250	2025	R	1989
6	1996	LOWG	X	392	0	.08875	2025	R	1990
6	1996	LOWG	X	281	0	.08750	2025	R	1991

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6	1996	LOWG	X	6	0	.08750	2025	1991
6	1996	LOWG	X	83	0	.08500	2025 R	1992
6	1996	LOWG	X	121	0	.08500	2025	1992
6	1996	LOWG	X	26	0	.07875	2025 R	1993
6	1996	LOWG	X	3272	0	.07875	2025	1993
6	1996	LOWG	X	38	0	.07125	2019 R	1994
6	1996	LOWG	X	3679	1687	.06490	2029 A	1994
6	1996	LOWG	X	79	79	.06320	2017	1995
6	1996	LOWG	X	475	475	.06320	2017	1995
6	1996	LOWG	X	404	404	.06320	2017	1995
6	1996	LOWM	X	30322	28431	.06360	2019	1969
6	1996	LOWM	X	57858	57858	.06380	2020	1970
6	1996	LOWM	X	242	242	.06380	2020 R	1971
6	1996	LOWM	X	242	242	.06380	2020 R	1972
6	1996	LOWM	X	242	242	.06380	2020 R	1973
6	1996	LOWM	X	242	242	.06380	2020 R	1974
6	1996	LOWM	X	242	242	.06380	2020 R	1975
6	1996	LOWM	X	242	242	.06380	2020 R	1976
6	1996	LOWM	X	242	242	.06380	2020 R	1977
6	1996	LOWM	X	242	242	.06380	2020 R	1978
6	1996	LOWM	X	44355	44355	.06490	2029 A	1979
6	1996	LOWM	X	242	242	.06380	2020 R	1979
6	1996	LOWM	X	242	242	.06380	2020 R	1980
6	1996	LOWM	X	242	242	.06380	2020 R	1981
6	1996	LOWM	X	242	242	.06380	2020 R	1982
6	1996	LOWM	X	242	242	.06380	2020 R	1983
6	1996	LOWM	X	279	279	.06490	2029 A	1985
6	1996	LOWM	X	9	9	.06380	2020	1985
6	1996	LOWM	X	149	149	.06380	2020	1986
6	1996	LOWM	X	50	0	.08875	2020 R	1987
6	1996	LOWM	X	4	4	.06380	2020	1987
6	1996	LOWM	X	1	0	.08500	2020	1988
6	1996	LOWM	X	58	0	.08500	2020 R	1988
6	1996	LOWM	X	93	0	.09250	2020 R	1989
6	1996	LOWM	X	358	0	.08875	2020 R	1990
6	1996	LOWM	X	594	0	.08750	2020	1991
6	1996	LOWM	X	4484	0	.08500	2020	1992
6	1996	LOWM	X	24	0	.07875	2020 R	1993
6	1996	LOWM	X	2175	0	.07875	2020	1993

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6	1996	LOWM	X	107	0	.07125	2019 R	1994
6	1996	LOWM	X	2167	0	.07125	2029 A	1994
6	1996	LOWM	X	1162	1162	.06490	2045	1995
6	1996	LOWM	X	43	43	.06490	2045	1995
6	1996	LOWM	X	101	101	.06490	2045	1995
6	1996	LOWM	X	6	0	.07250	2000	1995
6	1996	LOWM	X	625	625	.06490	2045	1995
6	1996	LSFW	X	31886	10870	.06490	2033	1983
6	1996	LSFW	X	52317	52317	.06490	2035	1985
6	1996	LSFW	X	79262	79262	.06490	2037	1987
6	1996	LSFW	X	880	880	.06490	2038	1988
6	1996	LSFW	X	1703	1703	.06490	2040	1990
6	1996	LSFW	X	4827	4827	.06490	2041	1991
6	1996	LSFW	X	78440	78440	.06490	2043	1993
6	1996	LSFW	X	5059	5059	.06490	2044	1994
6	1996	MCNA	X	82403	37904	.06000	2004	1954
6	1996	MCNA	X	56972	56972	.06050	2005	1955
6	1996	MCNA	X	41438	41438	.06110	2006	1956
6	1996	MCNA	X	26886	26886	.06130	2007	1957
6	1996	MCNA	X	503	503	.06130	2007 R	1958
6	1996	MCNA	X	503	503	.06130	2007 R	1959
6	1996	MCNA	X	503	503	.06130	2007 R	1960
6	1996	MCNA	X	503	503	.06130	2007 R	1961
6	1996	MCNA	X	502	502	.06130	2007 R	1962
6	1996	MCNA	X	503	503	.06130	2007 R	1963
6	1996	MCNA	X	503	503	.06130	2007 R	1964
6	1996	MCNA	X	503	503	.06130	2007 R	1965
6	1996	MCNA	X	503	503	.06130	2007 R	1966
6	1996	MCNA	X	502	502	.06130	2007 R	1967
6	1996	MCNA	X	503	503	.06130	2007 R	1968
6	1996	MCNA	X	503	503	.06130	2007 R	1969
6	1996	MCNA	X	503	503	.06130	2007 R	1970
6	1996	MCNA	X	503	503	.06130	2007 R	1971
6	1996	MCNA	X	503	503	.06130	2007 R	1972
6	1996	MCNA	X	502	502	.06130	2007 R	1973
6	1996	MCNA	X	503	503	.06130	2007 R	1974
6	1996	MCNA	X	503	503	.06130	2007 R	1975
6	1996	MCNA	X	503	503	.06130	2007 R	1976
6	1996	MCNA	X	502	502	.06130	2007 R	1977

Prtg.txt									
6	1996	MCNA	X	503	503	.06130	2007	R	1978
6	1996	MCNA	X	503	503	.06130	2007	R	1979
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6	1996	MCNA	X	503	503	.06130	2007	R	1981
6	1996	MCNA	X	502	502	.06130	2007	R	1982
6	1996	MCNA	X	503	503	.06130	2007	R	1983
6	1996	MCNA	X	599	599	.06130	2007		1985
6	1996	MCNA	X	489	489	.06130	2007		1986
6	1996	MCNA	X	35	0	.08875	2007	R	1987
6	1996	MCNA	X	26	26	.06130	2007		1987
6	1996	MCNA	X	20	0	.08500	2007		1988
6	1996	MCNA	X	50	0	.08500	2007	R	1988
6	1996	MCNA	X	130	0	.09250	2007	R	1989
6	1996	MCNA	X	2228	0	.08875	2007	R	1990
6	1996	MCNA	X	14	0	.08875	2007		1990
6	1996	MCNA	X	66	0	.08750	2007	R	1991
6	1996	MCNA	X	76	0	.08750	2007		1991
6	1996	MCNA	X	222	0	.08500	2007	R	1992
6	1996	MCNA	X	125	0	.08500	2007		1992
6	1996	MCNA	X	34	0	.07875	2007	R	1993
6	1996	MCNA	X	1462	0	.07875	2007		1993
6	1996	MCNA	X	1521	0	.07125	2029	A	1994
6	1996	MCNA	X	68	0	.07125	2019	R	1994
6	1996	MCNA	X	16	16	.06490	2045		1995
6	1996	MCNA	X	542	542	.06490	2045		1995
6	1996	MINI	X	854	0	.03000	1959		1909
6	1996	MINI	X	1709	0	.03000	1960		1910
6	1996	MINI	X	1709	0	.03000	1961		1911
6	1996	MINI	X	854	0	.03000	1977		1927
6	1996	MINI	X	854	0	.03000	1992		1942
6	1996	MINI	X	2561	0	.03000	2007		1957
6	1996	MINI	X	854	0	.03000	2008		1958
6	1996	MINI	X	108	0	.03000	2008	R	1959
6	1996	MINI	X	108	0	.03000	2008	R	1960
6	1996	MINI	X	108	0	.03000	2008	R	1961
6	1996	MINI	X	108	0	.03000	2008	R	1962
6	1996	MINI	X	108	0	.03000	2008	R	1963
6	1996	MINI	X	108	0	.03000	2008	R	1964
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6	1996	MINI	X	108	0	.03000	2008	R	1966
6	1996	MINI	X	108	0	.03000	2008	R	1967
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6	1996	MINI	X	3	0	.03000	2008	R	1969
6	1996	MINI	X	108	0	.03000	2008	R	1970
6	1996	MINI	X	108	0	.03000	2008	R	1971
6	1996	MINI	X	108	0	.03000	2008	R	1972
6	1996	MINI	X	108	0	.03000	2008	R	1973
6	1996	MINI	X	108	0	.03000	2008	R	1974
6	1996	MINI	X	108	0	.03000	2008	R	1975
6	1996	MINI	X	108	0	.03000	2008	R	1976
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6	1996	MINI	X	81	81	.06150	2008	R	1978
6	1996	MINI	X	81	81	.06150	2008	R	1979
6	1996	MINI	X	81	81	.06150	2008	R	1980
6	1996	MINI	X	81	81	.06150	2008	R	1981
6	1996	MINI	X	81	81	.06150	2008	R	1982
6	1996	MINI	X	71	71	.06150	2008	R	1983
6	1996	MINI	X	44	0	.10750	2008	R	1984
6	1996	MINI	X	23	23	.06150	2008		1985
6	1996	MINI	X	48	0	.11375	2008	R	1986
6	1996	MINI	X	23	23	.06150	2008		1986
6	1996	MINI	X	17	17	.06150	2008		1987
6	1996	MINI	X	31	0	.08500	2008		1988
6	1996	MINI	X	20	0	.09250	2008	R	1989
6	1996	MINI	X	33	0	.08875	2008	R	1990
6	1996	MINI	X	62	0	.08750	2008	R	1991
6	1996	MINI	X	11	0	.08750	2008		1991
6	1996	MINI	X	32	0	.08750	2008	R	1991
6	1996	MINI	X	6	0	.08500	2008	R	1992
6	1996	MINI	X	351	0	.07125	2029		1994
6	1996	MINI	X	85	85	.06180	2010		1995
6	1996	MINI	X	4	0	.08500	2000	R	1995
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6	1996	THED	X	48678	36829	.06150	2008		1958
6	1996	THED	X	48820	48820	.05160	2009		1959
6	1996	THED	X	43044	43044	.06180	2010		1960
6	1996	THED	X	10499	10499	.06200	2011		1961
6	1996	THED	X	62	62	.06200	2011	R	1962

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6	1996	THED X	63	63	.06200	2011 R	1963
6	1996	THED X	63	63	.06200	2011 R	1964
6	1996	THED X	62	62	.06200	2011 R	1965
6	1996	THED X	63	63	.06200	2011 R	1966
6	1996	THED X	63	63	.06200	2011 R	1967
6	1996	THED X	62	62	.06200	2011 R	1968
6	1996	THED X	63	63	.06200	2011 R	1969
6	1996	THED X	63	63	.06200	2011 R	1970
6	1996	THED X	62	62	.06200	2011 R	1971
6	1996	THED X	63	63	.06200	2011 R	1972
6	1996	THED X	24441	24441	.06430	2023 A	1973
6	1996	THED X	63	63	.06200	2011 R	1973
6	1996	THED X	8044	8044	.06450	2024 A	1974
6	1996	THED X	62	62	.06200	2011 R	1974
6	1996	THED X	63	63	.06200	2011 R	1975
6	1996	THED X	63	63	.06200	2011 R	1976
6	1996	THED X	62	62	.06200	2011 R	1977
6	1996	THED X	63	63	.06200	2011 R	1978
6	1996	THED X	63	63	.06200	2011 R	1979
6	1996	THED X	62	62	.06200	2011 R	1980
6	1996	THED X	63	63	.06200	2011 R	1981
6	1996	THED X	63	63	.06200	2011 R	1982
6	1996	THED X	62	62	.06200	2011 R	1983
6	1996	THED X	961	0	.10750	2011 R	1984
6	1996	THED X	280	0	.12375	2011 R	1985
6	1996	THED X	106	106	.06200	2011	1985
6	1996	THED X	4	0	.11375	2011 R	1986
6	1996	THED X	105	105	.06200	2011	1986
6	1996	THED X	81	0	.08875	2011 R	1987
6	1996	THED X	1567	1567	.06200	2011	1987
6	1996	THED X	685	0	.08500	2011	1988
6	1996	THED X	1	0	.08500	2011 R	1988
6	1996	THED X	898	0	.09250	2011 R	1989
6	1996	THED X	319	0	.08875	2011 R	1990
6	1996	THED X	745	0	.08875	2011	1990
6	1996	THED X	89	0	.08750	2011 R	1991
6	1996	THED X	2452	0	.08750	2011	1991
6	1996	THED X	57	0	.08500	2011 R	1992
6	1996	THED X	130	0	.08500	2011	1992

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6	1996	THED	X	2028	0	.07875	2011 R	1993
6	1996	THED	X	2929	0	.07875	2011	1993
6	1996	THED	X	1425	0	.07125	2029 A	1994
6	1996	THED	X	12	12	.06180	2010	1995
6	1996	YAKC	X	1671	796	.06410	2022	1956
6	1996	YAKC	X	2	2	.06410	2022 R	1959
6	1996	YAKC	X	1	1	.06410	2022 R	1960
6	1996	YAKC	X	1	1	.06410	2022 R	1961
6	1996	YAKC	X	1	1	.06410	2022 R	1962
6	1996	YAKC	X	1	1	.06410	2022 R	1963
6	1996	YAKC	X	1	1	.06410	2022 R	1964
6	1996	YAKC	X	1	1	.06410	2022 R	1965
6	1996	YAKC	X	1	1	.06410	2022 R	1966
6	1996	YAKC	X	0	0	.02500	2022 R	1967
6	1996	YAKC	X	0	0	.02500	2022 R	1968
6	1996	YAKC	X	0	0	.02500	2022 R	1969
6	1996	YAKC	X	0	0	.02500	2022 R	1970
6	1996	YAKC	X	0	0	.02500	2022 R	1971
6	1996	YAKC	X	0	0	.02500	2022 R	1972
6	1996	YAKC	X	0	0	.02500	2022 R	1973
6	1996	YAKC	X	0	0	.02500	2022 R	1974
6	1996	YAKC	X	35	0	.10750	2022 R	1984
6	1996	YAKC	X	357	0	.12375	2022 R	1985
6	1996	YAKC	X	7	0	.11375	2022 R	1986
6	1996	YAKC	X	516	506	.06410	2022	1986
6	1996	YAKC	X	126	0	.08875	2022 R	1987
6	1996	YAKC	X	18	0	.09250	2022 R	1989
6	1996	YAKC	X	40	0	.08875	2022 R	1990
6	1996	YAKC	X	109	0	.08750	2022	1991
6	1996	YAKR	X	1005	577	.06150	2008	1958
6	1996	YAKR	X	0	0	.03000	2008 R	1959
6	1996	YAKR	X	0	0	.03000	2008 R	1960
6	1996	YAKR	X	0	0	.03000	2008 R	1961
6	1996	YAKR	X	0	0	.03000	2008 R	1962
6	1996	YAKR	X	0	0	.03000	2008 R	1963
6	1996	YAKR	X	0	0	.03000	2008 R	1964
6	1996	YAKR	X	0	0	.03000	2008 R	1965
6	1996	YAKR	X	0	0	.03000	2008 R	1966
6	1996	YAKR	X	0	0	.03000	2008 R	1967

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6	1996	YAKR	X	0	0	.03000	2008	R	1968
6	1996	YAKR	X	0	0	.03000	2008	R	1969
6	1996	YAKR	X	0	0	.03000	2008	R	1970
6	1996	YAKR	X	0	0	.03000	2008	R	1971
6	1996	YAKR	X	0	0	.03000	2008	R	1972
6	1996	YAKR	X	0	0	.03000	2008	R	1973
6	1996	YAKR	X	0	0	.03000	2008	R	1974
6	1996	YAKR	X	0	0	.03000	2008	R	1975
6	1996	YAKR	X	0	0	.03000	2008	R	1976
6	1996	YAKR	X	0	0	.03000	2008	R	1977
6	1996	YAKR	X	0	0	.03000	2008	R	1978
6	1996	YAKR	X	0	0	.03000	2008	R	1979
6	1996	YAKR	X	0	0	.03000	2008	R	1980
6	1996	YAKR	X	0	0	.03000	2008	R	1981
6	1996	YAKR	X	0	0	.03000	2008	R	1982
6	1996	YAKR	X	0	0	.03000	2008	R	1983
6	1996	YAKR	X	17	0	.10750	2008	R	1984
6	1996	YAKR	X	5	0	.12375	2008	R	1985
6	1996	YAKR	X	80	80	.06150	2008		1985
6	1996	YAKR	X	7	7	.06150	2008		1986
6	1996	YAKR	X	9	0	.08875	2008	R	1987
6	1996	YAKR	X	2	2	.06150	2008		1987
6	1996	YAKR	X	11	0	.08500	2008		1988
6	1996	YAKR	X	17	0	.09250	2008	R	1989
6	1996	YAKR	X	76	0	.08750	2008	R	1991
6	1996	YAKR	X	0	0	.08500	2008	R	1992
6	1996	ALBE	X	781	781	.06490	2046		1996
6	1996	BOIS	X	1	1	.05810	2001		1996
6	1996	BOIS	X	13	13	.06200	2011		1996
6	1996	BOIS	X	88	88	.06390	2021	R	1996
6	1996	BOIS	X	238	238	.06490	2031		1996
6	1996	BOIS	X	1258	1258	.06490	2046	R	1996
6	1996	BOIS	X	480	480	.06490	2046		1996
6	1996	BOIS	X	714	714	.06490	2046		1996
6	1996	BONN	X	43359	43359	.06490	2046		1996
6	1996	BONN	X	2144	2144	.06490	2046		1996
6	1996	BONN	X	2144	2144	.06490	2046	R	1996
6	1996	BONN	X	2241	2241	.06490	2046		1996
6	1996	CHIE	X	526	526	.06490	2046		1996

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6	1996	CHIE	X	647	647	.06490	2046	1996
6	1996	COLU	X	368	368	.06490	2046	1996
6	1996	COLU	X	251	251	.06490	2046	1996
6	1996	COLU	X	1188	1188	.06490	2046 R	1996
6	1996	COLU	X	47	47	.06200	2011	1996
6	1996	COLU	X	435	435	.06490	2046	1996
6	1996	COLU	X	5428	5428	.06490	2046 R	1996
6	1996	COLU	X	118	118	.06490	2031 R	1996
6	1996	COLU	X	1733	1733	.06490	2046	1996
6	1996	CRFB	X	55608	55608	.06490	2046	1996
6	1996	DWOR	X	535	535	.06490	2046	1996
6	1996	DWOR	X	1065	1065	.06490	2046	1996
6	1996	GREE	X	8	8	.05810	2001	1996
6	1996	HILL	X	137	137	.06490	2031	1996
6	1996	HUNG	X	64	64	.06200	2011	1996
6	1996	HUNG	X	140	140	.06390	2021 R	1996
6	1996	HUNG	X	65	65	.06200	2011 R	1996
6	1996	HUNG	X	1758	1758	.06490	2046	1996
6	1996	ICEH	X	356	356	.06490	2036	1996
6	1996	ICEH	X	189	189	.06490	2036	1996
6	1996	JOHN	X	11249	11249	.06490	2046	1996
6	1996	JOHN	X	3148	3148	.06490	2046	1996
6	1996	LIBB	X	2050	2050	.06490	2046	1996
6	1996	LIBB	X	531	531	.06490	2046	1996
6	1996	LITT	X	4463	4463	.06490	2046	1996
6	1996	LOOK	X	2560	2560	.06490	2046	1996
6	1996	LOOK	X	1140	1140	.06490	2046	1996
6	1996	LOWG	X	330	330	.06490	2031	1996
6	1996	LOWG	X	3956	3956	.06490	2046	1996
6	1996	LOWM	X	894	894	.06490	2046	1996
6	1996	LSFW	X	8555	8555	.06490	2046	1996
6	1996	MCNA	X	1475	1475	.06490	2046	1996
6	1996	MINI	X	146	146	.06390	2021 R	1996
6	1996	MINI	X	10	10	.05810	2001	1996
6	1996	MINI	X	2255	2255	.06490	2046	1996
6	1996	THED	X	15810	15810	.06490	2046	1996
6	1996	THED	X	2780	2780	.06490	2046	1996
6	1996	YAKR	X	341	341	.06390	2021 R	1996
				4173843	3366429			

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706.77050 2163560
 2201536

6	1995	ZABF	X	3389	0	.08950	2013	1978	09
6	1995	ZABF	X	4619	0	.08950	2013 R	1978	09
6	1995	ZABF	X	1371	0	.09450	2014	1979	06
6	1995	ZABF	X	1870	0	.09450	2014 R	1979	06
6	1995	ZABF	X	150	0	.09450	2014	1979	06
6	1995	ZABF	X	102	0	.09450	2014 R	1979	06
6	1995	ZABF	X	98	0	.09900	2014	1979	09
6	1995	ZABF	X	66	0	.09900	2014 R	1979	09
6	1995	ZABF	X	605	0	.09900	2014	1979	09
6	1995	ZABF	X	165	0	.09900	2014 R	1979	09
6	1995	ZABF	X	2263	0	.13000	2015	1980	09
6	1995	ZABF	X	616	0	.13000	2015 R	1980	09
6	1995	ZABF	X	1707	0	.13000	2015	1980	09
6	1995	ZABF	X	56	0	.13000	2015 R	1980	09
6	1995	ZABF	X	21	0	.13000	2015	1980	09
6	1995	ZABF	X	10	0	.13000	2015 R	1980	09
6	1995	ZABF	X	277	0	.16600	2016	1981	09
6	1995	ZABF	X	127	0	.16600	2016 R	1981	09
6	1995	ZABF	X	80	0	.14400	2017	1982	12
6	1995	ZABF	X	36	0	.14400	2017 R	1982	12
6	1995	ZABF	X	23	0	.14400	2017	1982	04
6	1995	ZABF	X	11	0	.14400	2017 R	1982	04
6	1995	ZABF	X	551	0	.14400	2017	1982	04
6	1995	ZABF	X	439	0	.14400	2017 R	1982	04
6	1995	ZABF	X	43	0	.14150	2017	1982	07
6	1995	ZABF	X	-43	0	.14150	2017	1987	07
6	1995	ZABF	X	34	0	.14150	2017 R	1982	07
6	1995	ZABF	X	-34	0	.14150	2017 R	1987	07
6	1995	ZABF	X	402	0	.14150	2017	1982	07
6	1995	ZABF	X	-402	0	.14150	2017	1987	07
6	1995	ZABF	X	105	0	.14150	2017 R	1982	07
6	1995	ZABF	X	-105	0	.14150	2017 R	1987	07
6	1995	ZABF	X	205	0	.10850	2018	1983	11
6	1995	ZABF	X	-205	0	.10850	2018	1988	02

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6	1995	ZABF	X	54	0	.10850	2018	R	1983	11	
6	1995	ZABF	X	-54	0	.10850	2018	R	1988	02	
6	1995	ZABF	X	154	0	.11700	2018		1983	06	T
6	1995	ZABF	X	40	0	.11700	2018	R	1983	06	T
6	1995	ZABF	X	4	0	.12250	2018		1983	09	
6	1995	ZABF	X	1	0	.12250	2018	R	1983	09	
6	1995	ZABF	X	203	0	.12250	2018		1983	09	
6	1995	ZABF	X	35	0	.12250	2018	R	1983	09	
6	1995	ZABF	X	138	0	.12300	2019		1984	11	
6	1995	ZABF	X	24	0	.12300	2019	R	1984	11	
6	1995	ZABF	X	276	0	.13050	2019		1984	09	
6	1995	ZABF	X	48	0	.13050	2019	R	1984	09	
6	1995	ZABF	X	460	0	.11250	2029		1985	06	
6	1995	ZABF	X	80	0	.11250	2029	R	1985	06	
6	1995	ZABF	X	5	0	.08150	1996		1986	03	T
6	1995	ZABF	X	1	0	.08150	1996	R	1986	03	T
6	1995	ZABF	X	443	0	.08150	1996		1986	03	T
6	1995	ZABF	X	169	0	.08150	1996	R	1986	03	T
6	1995	ZABF	X	76	0	.08950	2030		1986	06	
6	1995	ZABF	X	29	0	.08950	2030	R	1986	06	
6	1995	ZABF	X	1819	0	.08950	2030		1986	06	
6	1995	ZABF	X	722	0	.08950	2030	R	1986	06	
6	1995	ZABF	X	111	0	.09300	2031		1987	04	
6	1995	ZABF	X	-111	0	.09300	2031		1992	04	
6	1995	ZABF	X	281	0	.09300	2031		1987	04	
6	1995	ZABF	X	-281	0	.09300	2031		1992	04	
6	1995	ZABF	X	554	0	.09300	2031		1987	04	
6	1995	ZABF	X	-554	0	.09300	2031		1992	04	
6	1995	ZABF	X	1409	0	.09300	2031		1987	04	
6	1995	ZABF	X	-1409	0	.09300	2031		1992	04	
6	1995	ZABF	X	2498	0	.08350	1992		1987	06	T
6	1995	ZABF	X	983	0	.08350	1992	R	1987	06	T
6	1995	ZABF	X	48	0	.09550	2017		1987	07	
6	1995	ZABF	X	38	0	.09550	2017	R	1987	07	
6	1995	ZABF	X	569	0	.09550	2017		1987	07	
6	1995	ZABF	X	285	0	.09550	2032		1987	07	
6	1995	ZABF	X	112	0	.09550	2032	R	1987	07	
6	1995	ZABF	X	631	0	.09550	2032		1987	07	
6	1995	ZABF	X	618	0	.09550	2032	R	1987	07	

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6	1995	ZABF	X	283	0	.09500	2018	1988	02	
6	1995	ZABF	X	954	0	.09500	2033	1988	02	
6	1995	ZABF	X	-954	0	.09500	2033	1994	05	
6	1995	ZABF	X	933	0	.09500	2033 R	1988	02	
6	1995	ZABF	X	-933	0	.09500	2033 R	1994	05	
6	1995	ZABF	X	518	0	.09500	2033	1988	02	
6	1995	ZABF	X	-518	0	.09500	2033	1994	05	
6	1995	ZABF	X	1725	0	.09500	2033 R	1988	02	
6	1995	ZABF	X	-1725	0	.09500	2033 R	1994	05	
6	1995	ZABF	X	226	0	.09900	2033	1988	06	
6	1995	ZABF	X	752	0	.09900	2033 R	1988	06	
6	1995	ZABF	X	424	424	.08950	1999	1989	05	T
6	1995	ZABF	X	1410	1410	.08950	1999 R	1989	05	T
6	1995	ZABF	X	29	29	.09250	2030	1990	01	10
6	1995	ZABF	X	96	96	.09250	2030 R	1990	01	10
6	1995	ZABF	X	3008	3008	.09250	2030	1990	01	10
6	1995	ZABF	X	5855	0	.07550	1995	1991	02	T
6	1995	ZABF	X	2479	2479	.08800	2032	1992	04	
6	1995	ZABF	X	11016	11016	.08350	2033	1993	10	
6	1995	ZABF	X	14278	14278	.06850	2034	1994	10	
6	1995	ZABF	X	4456	0	.07100	1998	1994	05	01 P
6	1995	ZABF	X	8509	8509	.07700	2025	1995	07	05
6	1995	ZACO	X	140000	0	.12200	2003	1983	09	
6	1995	ZACO	X	150000	0	.13050	2004	1984	09	
6	1995	ZACO	X	-120000	0	.13050	2004	1989	09	
6	1995	ZACO	X	50000	0	.10150	1990	1985	09	T
6	1995	ZACO	X	50000	0	.08150	1996	1986	03	T
6	1995	ZACO	X	50000	0	.07800	1991	1986	03	T
6	1995	ZACO	X	75000	0	.09300	2007	1987	04	
6	1995	ZACO	X	-75000	0	.09300	2007	1992	04	
6	1995	ZACO	X	50000	0	.08350	1992	1987	06	T
6	1995	ZACO	X	90000	0	.09900	2008	1988	04	
6	1995	ZACO	X	40000	40000	.08550	2009	1989	07	T
6	1995	ZACO	X	66000	0	.08600	1995	1989	09	T
6	1995	ZACO	X	66000	66000	.08650	2002	1989	09	T
6	1995	ZACO	X	100000	100000	.07140	2007	1992	07	
6	1995	ZACO	X	80200	80200	.05800	1997	1992	07	T
6	1995	ZACO	X	50000	50000	.08050	2013	1993	10	
6	1995	ZACO	X	50000	50000	.07400	2013	1993	02	

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6	1995	ZACO	X	40000	40000	.06750	2013	1993	08		
6	1995	ZACO	X	50000	50000	.06750	2014	1994	01		
6	1995	ZACO	X	50000	32699	.07100	1998	1994	05	01	P
6	1995	ZACO	X	85000	85000	.07500	2015	1995	05	05	
6	1995	ZADB	X	35000	35000	.07500	2015	1995	05	05	
6	1995	ZAFW	X	25000	25000	.08950	1999	1989	05	T	
6	1995	ZAFW	X	50000		.07950	1996	1991	05	T	
6	1995	ZAFW	X	20000	20000	.06950	2008	1993	02		
6	1995	ZAFW	X	20000	0	.07650	1999	1994	09	01	P
6	1995	ZAFW	X	22900	22900	.07200	2010	1995	08	05	
				1392082	738048						

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124.84900

242367

245985

6	1995	ZIRR	X	25143	25143	.00000	1997	1994			
6	1995	ZIRR	X	10103	10103	.00000	2001	1994			
6	1995	ZIRR	X	200	200	.00000	2004	1994			
6	1995	ZIRR	X	208	208	.00000	2004	1994			
6	1995	ZIRR	X	346	346	.00000	2004	1994			
6	1995	ZIRR	X	2950	2950	.00000	2008	1994			
6	1995	ZIRR	X	5602	5602	.00000	2009	1994			
6	1995	ZIRR	X	1996	1996	.00000	2009	1994			
6	1995	ZIRR	X	806	806	.00000	2012	1994			
6	1995	ZIRR	X	45073	45073	.00000	2013	1994			
6	1995	ZIRR	X	46353	46353	.00000	2014	1994			
6	1995	ZIRR	X	52846	52846	.00000	2015	1994			
6	1995	ZIRR	X	62214	62214	.00000	2016	1994			
6	1995	ZIRR	X	61953	61953	.00000	2017	1994			
6	1995	ZIRR	X	1071	1071	.00000	2017	1994			
6	1995	ZIRR	X	789	789	.00000	2017	1994			
6	1995	ZIRR	X	22576	22576	.00000	2018	1994			
6	1995	ZIRR	X	680	680	.00000	2018	1994			
6	1995	ZIRR	X	563	563	.00000	2018	1994			
6	1995	ZIRR	X	61026	61026	.00000	2019	1994			
6	1995	ZIRR	X	1125	1125	.00000	2019	1994			
6	1995	ZIRR	X	2081	2081	.00000	2019	1994			
6	1995	ZIRR	X	2081	2081	.00000	2019	1994			

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6	1995	ZIRR	X	413	413	.00000	2019	1994
6	1995	ZIRR	X	31524	31524	.00000	2020	1994
6	1995	ZIRR	X	2076	2076	.00000	2020	1994
6	1995	ZIRR	X	16165	16165	.00000	2021	1994
6	1995	ZIRR	X	1527	1527	.00000	2021	1994
6	1995	ZIRR	X	15610	15610	.00000	2022	1994
6	1995	ZIRR	X	457	457	.00000	2022	1994
6	1995	ZIRR	X	9673	9673	.00000	2023	1994
6	1995	ZIRR	X	14647	14647	.00000	2024	1994
6	1995	ZIRR	X	1943	1943	.00000	2024	1994
6	1995	ZIRR	X	3794	3794	.00000	2024	1994
6	1995	ZIRR	X	17294	17294	.00000	2025	1994
6	1995	ZIRR	X	1202	1202	.00000	2025	1994
6	1995	ZIRR	X	3810	3810	.00000	2026	1994
6	1995	ZIRR	X	11907	11907	.00000	2026	1994
6	1995	ZIRR	X	953	953	.00000	2026	1994
6	1995	ZIRR	X	2326	2326	.00000	2026	1994
6	1995	ZIRR	X	8592	8592	.00000	2027	1994
6	1995	ZIRR	X	14857	14857	.00000	2028	1994
6	1995	ZIRR	X	4200	4200	.00000	2028	1994
6	1995	ZIRR	X	4092	4092	.00000	2029	1994
6	1995	ZIRR	X	2437	2437	.00000	2030	1994
6	1995	ZIRR	X	15912	15912	.00000	2031	1994
6	1995	ZIRR	X	15215	15215	.00000	2035	1994
6	1995	ZIRR	X	3660	3660	.00000	2036	1994
6	1995	ZIRR	X	15186	15186	.00000	2036	1994
6	1995	ZIRR	X	10047	10047	.00000	2036	1994
6	1995	ZIRR	X	4805	4805	.00000	2037	1994
6	1995	ZIRR	X	22983	22983	.00000	2037	1994
6	1995	ZIRR	X	15560	15560	.00000	2039	1994
6	1995	ZIRR	X	72652	72652	.00000	2042	1994
6	1995	ZIRR	X	27458	27458	.00000	2045	1995
				780762	780762			

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.00000 109671
111197

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PROJECTED FEDERAL INVESTMENTS

		ORIGINAL	CURRENT	INTEREST	DUE	INSERVICE	CALENDAR
	PROJECT	PRINCIPAL	PRINCIPAL	RATE	DATE	DATE	MONTH
6	1997	ALBE X	341	341	.06490	2047	1997
6	1997	BOIS X	89	89	.06200	2012	1997
6	1997	BOIS X	129	129	.06490	2047 R	1997
6	1997	BONN X	12429	12429	.06490	2047	1997
6	1997	BONN X	802	802	.06490	2047	1997
6	1997	BONN X	802	802	.06490	2047 R	1997
6	1997	CHIE X	361	361	.06490	2032	1997
6	1997	COLU X	416	416	.06490	2032 R	1997
6	1997	COLU X	4915	4915	.06490	2047	1997
6	1997	CRFB X	73757	73757	.06490	2047	1997
6	1997	DWOR X	128	128	.06490	2032	1997
6	1997	GREE X	75	75	.06200	2012	1997
6	1997	HUNG X	6	6	.05810	2002	1997
6	1997	HUNG X	462	462	.06490	2047 R	1997
6	1997	ICEH X	1335	1335	.06490	2047	1997
6	1997	JOHN X	162	162	.06390	2022	1997
6	1997	LIBB X	1335	1335	.06490	2047	1997
6	1997	LOWM X	188	188	.06490	2032	1997
6	1997	LSFW X	3901	3901	.06490	2047	1997
6	1997	MINI X	188	188	.06490	2032	1997
6	1997	MINI X	46867	46867	.06490	2047	1997
6	1997	THED X	513	513	.06490	2032	1997
6	1998	BOIS X	90	90	.05850	2013	1998
6	1998	BOIS X	193	193	.05440	2003 R	1998
6	1998	BONN X	22149	22149	.06180	2048	1998
6	1998	COLU X	357	357	.06180	2033	1998
6	1998	COLU X	898	898	.06180	2033 R	1998
6	1998	CRFB X	137104	137104	.06180	2048	1998
6	1998	HUNG X	262	262	.06180	2033	1998
6	1998	HUNG X	217	217	.06180	2048 R	1998
6	1998	LSFW X	2768	2768	.06180	2048	1998
6	1998	MINI X	128	128	.06180	2033	1998
6	1998	MINI X	277	277	.06180	2033	1998
6	1998	YAKR X	43	43	.06070	2023 R	1998

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6	1999	BOIS X	69	69	.05650	2014	1999
6	1999	BOIS X	165	165	.05970	2049 R	1999
6	1999	BONN X	12609	12609	.05970	2049	1999
6	1999	COLU X	104	104	.05970	2034	1999
6	1999	COLU X	2581	2581	.05970	2049 R	1999
6	1999	CRFB X	37360	37360	.05970	2049	1999
6	1999	HUNG X	7	7	.05360	2004	1999
6	1999	HUNG X	74	74	.05970	2034 R	1999
6	1999	LSFW X	205	205	.05970	2034	1999
6	1999	MINI X	66	66	.05860	2024	1999
6	2000	BOIS X	25	25	.05630	2015	2000
6	2000	BOIS X	188	188	.05860	2050 R	2000
6	2000	BONN X	12889	12889	.05860	2050	2000
6	2000	COLU X	2077	2077	.05860	2050	2000
6	2000	COLU X	1239	1239	.05860	2050 R	2000
6	2000	CRFB X	41033	41033	.05860	2050	2000
6	2000	HUNG X	306	306	.05860	2050	2000
6	2000	HUNG X	35	35	.05860	2050 R	2000
6	2001	BONN X	5228	5228	.05710	2051	2001
6	2001	COLU X	6562	6562	.05710	2051	2001
6	2001	CRFB X	363869	363869	.05710	2051	2001
			800378	800378			

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33.68400 109903
112058

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6	1996	ZABF X	15798	15798	.07240	2041	1996	03
6	1996	ZAFW X	24000	24000	.06950	2011	1996	03
6	1996	ZACO X	99700	99700	.07050	2016	1996	03
6	1996	ZADB X	39700	39700	.07240	2041	1996	03
6	1997	ZABF X	12670	12670	.06930	2042	1997	03
6	1997	ZAFW X	27000	27000	.06600	2012	1997	03
6	1997	ZACO X	56900	56900	.06710	2017	1997	03
6	1997	ZADB X	17300	17300	.06930	2042	1997	03
6	1998	ZABF X	14883	14883	.06720	2043	1998	03
6	1998	ZAFW X	27000	27000	.06400	2013	1998	03
6	1998	ZACO X	42600	42600	.06500	2018	1998	03
6	1998	ZADB X	13200	13200	.06720	2043	1998	03

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6	1999	ZABF	X	14079	14079	.06610	2044	1999	03
6	1999	ZAFW	X	27000	27000	.06380	2014	1999	03
6	1999	ZACO	X	38300	38300	.06460	2019	1999	03
6	1999	ZADB	X	36100	36100	.06610	2044	1999	03
6	2000	ZABF	X	14374	14374	.06460	2045	2000	03
6	2000	ZAFW	X	27000	27000	.06360	2015	2000	03
6	2000	ZACO	X	30800	30800	.06390	2020	2000	03
6	2000	ZADB	X	51500	51500	.06460	2045	2000	03
6	2001	ZABF	X	12505	12505	.06400	2046	2001	03
6	2001	ZAFW	X	27000	27000	.06310	2016	2001	03
6	2001	ZACO	X	30600	30600	.06340	2021	2001	03
6	2001	ZADB	X	56700	56700	.06400	2046	2001	03
				756709	756709				

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15.91700 47964
48714

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CORPS-BUREAU REPLACEMENTS

INSERVICE	DATE	PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	DATE DUE	INTEREST RATE
6	2003	ALBE X	120	120	2015 R	.05584
6	2005	ALBE X	1101	1101	2015 R	.05570
6	2005	ALBE X	2321	2321	2030 R	.05677
6	2005	ALBE X	2178	2178	2055 R	.05713
6	2015	ALBE X	1101	1101	2025 R	.05570
6	2015	ALBE X	120	120	2027 R	.05584
6	2015	ALBE X	854	854	2035 R	.05641
6	2015	ALBE X	53	53	2030 R	.05606
6	2025	ALBE X	7823	7823	2060 R	.05713
6	2025	ALBE X	1101	1101	2035 R	.05570
6	2027	ALBE X	120	120	2039 R	.05584
6	2030	ALBE X	53	53	2045 R	.05606
6	2030	ALBE X	2321	2321	2055 R	.05677
6	2035	ALBE X	1101	1101	2045 R	.05570

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6	2035	ALBE	X	854	854	2055	R	.05641
6	2035	ALBE	X	586	586	2075	R	.05713
6	2039	ALBE	X	120	120	2051	R	.05584
6	2045	ALBE	X	1101	1101	2055	R	.05570
6	2045	ALBE	X	53	53	2060	R	.05606
6	2051	ALBE	X	120	120	2063	R	.05584
6	2002	BOIS	X	2427	2427	2027	R	.05677
6	2002	BOIS	X	12	12	2017	R	.05606
6	2007	BOIS	X	753	753	2047	R	.05713
6	2007	BOIS	X	133	133	2027	R	.05641
6	2017	BOIS	X	12	12	2032	R	.05606
6	2017	BOIS	X	718	718	2062	R	.05713
6	2017	BOIS	X	62	62	2047	R	.05713
6	2027	BOIS	X	133	133	2047	R	.05641
6	2027	BOIS	X	8125	8125	2077	R	.05713
6	2027	BOIS	X	2427	2427	2052	R	.05677
6	2032	BOIS	X	12	12	2047	R	.05606
6	2032	BOIS	X	912	912	2067	R	.05713
6	2047	BOIS	X	62	62	2077	R	.05713
6	2047	BOIS	X	753	753	2087	R	.05713
6	2047	BOIS	X	12	12	2062	R	.05606
6	2047	BOIS	X	133	133	2067	R	.05641
6	2002	BONN	X	14	14	2027	R	.05677
6	2004	BONN	X	6	6	2011	R	.05490
6	2006	BONN	X	80	80	2011	R	.05425
6	2007	BONN	X	4120	4120	2032	R	.05677
6	2011	BONN	X	80	80	2016	R	.05425
6	2011	BONN	X	6	6	2018	R	.05490
6	2011	BONN	X	70617	70617	2046	R	.05713
6	2011	BONN	X	107	107	2021	R	.05570
6	2012	BONN	X	1074	1074	2027	R	.05606
6	2012	BONN	X	51	51	2047	R	.05713
6	2013	BONN	X	140	140	2025	R	.05584
6	2016	BONN	X	80	80	2021	R	.05425
6	2016	BONN	X	2476	2476	2031	R	.05606
6	2016	BONN	X	2492	2492	2041	R	.05677
6	2017	BONN	X	262	262	2057	R	.05713
6	2017	BONN	X	67875	67875	2052	R	.05713
6	2018	BONN	X	6	6	2025	R	.05490

				Prtg.txt			
6	2021	BONN X	80	80	2026 R	.05425	
6	2021	BONN X	107	107	2031 R	.05570	
6	2021	BONN X	62260	62260	2061 R	.05713	
6	2021	BONN X	597	597	2041 R	.05641	
6	2022	BONN X	60666	60666	2062 R	.05713	
6	2025	BONN X	6	6	2032 R	.05490	
6	2025	BONN X	140	140	2037 R	.05584	
6	2026	BONN X	80	80	2031 R	.05425	
6	2027	BONN X	929	929	2072 R	.05713	
6	2027	BONN X	14	14	2052 R	.05677	
6	2027	BONN X	396	396	2077 R	.05713	
6	2027	BONN X	1074	1074	2042 R	.05606	
6	2031	BONN X	1073	1073	2076 R	.05713	
6	2031	BONN X	80	80	2036 R	.05425	
6	2031	BONN X	107	107	2041 R	.05570	
6	2031	BONN X	2476	2476	2046 R	.05606	
6	2032	BONN X	4120	4120	2057 R	.05677	
6	2032	BONN X	6	6	2039 R	.05490	
6	2032	BONN X	13149	13149	2082 R	.05713	
6	2036	BONN X	80	80	2041 R	.05425	
6	2037	BONN X	140	140	2049 R	.05584	
6	2039	BONN X	6	6	2046 R	.05490	
6	2041	BONN X	107	107	2051 R	.05570	
6	2041	BONN X	80	80	2046 R	.05425	
6	2041	BONN X	20700	20700	2091 R	.05713	
6	2041	BONN X	597	597	2061 R	.05641	
6	2041	BONN X	2492	2492	2066 R	.05677	
6	2042	BONN X	1074	1074	2057 R	.05606	
6	2046	BONN X	80	80	2051 R	.05425	
6	2046	BONN X	6	6	2053 R	.05490	
6	2046	BONN X	2476	2476	2061 R	.05606	
6	2046	BONN X	70617	70617	2081 R	.05713	
6	2047	BONN X	51	51	2082 R	.05713	
6	2049	BONN X	140	140	2061 R	.05584	
6	2051	BONN X	107	107	2061 R	.05570	
6	2051	BONN X	80	80	2056 R	.05425	
6	2002	CHIE X	1302	1302	2017 R	.05606	
6	2003	CHIE X	312	312	2028 R	.05677	
6	2007	CHIE X	37	37	2017 R	.05570	

						Prtg.txt
6	2007	CHIE X	3823	3823	2032 R	.05677
6	2007	CHIE X	10648	10648	2057 R	.05713
6	2008	CHIE X	184	184	2023 R	.05606
6	2013	CHIE X	63565	63565	2048 R	.05713
6	2017	CHIE X	37	37	2027 R	.05570
6	2017	CHIE X	1989	1989	2037 R	.05641
6	2017	CHIE X	1302	1302	2032 R	.05606
6	2018	CHIE X	646	646	2038 R	.05641
6	2018	CHIE X	40619	40619	2058 R	.05713
6	2023	CHIE X	184	184	2038 R	.05606
6	2027	CHIE X	37	37	2037 R	.05570
6	2027	CHIE X	52440	52440	2062 R	.05713
6	2028	CHIE X	312	312	2053 R	.05677
6	2028	CHIE X	11231	11231	2078 R	.05713
6	2032	CHIE X	1302	1302	2047 R	.05606
6	2032	CHIE X	3823	3823	2057 R	.05677
6	2037	CHIE X	25221	25221	2077 R	.05713
6	2037	CHIE X	1989	1989	2057 R	.05641
6	2037	CHIE X	37	37	2047 R	.05570
6	2038	CHIE X	646	646	2058 R	.05641
6	2038	CHIE X	184	184	2053 R	.05606
6	2047	CHIE X	1302	1302	2062 R	.05606
6	2047	CHIE X	37	37	2057 R	.05570
6	2048	CHIE X	63565	63565	2083 R	.05713
6	2003	COLU X	51696	51696	2028 R	.05677
6	2007	COLU X	1966	1966	2037 R	.05713
6	2007	COLU X	795	795	2022 R	.05606
6	2007	COLU X	4441	4441	2027 R	.05641
6	2008	COLU X	1073	1073	2023 R	.05606
6	2008	COLU X	2206	2206	2038 R	.05713
6	2013	COLU X	51524	51524	2048 R	.05713
6	2017	COLU X	37215	37215	2052 R	.05713
6	2018	COLU X	179891	179891	2058 R	.05713
6	2018	COLU X	5196	5196	2038 R	.05641
6	2022	COLU X	795	795	2037 R	.05606
6	2022	COLU X	43959	43959	2047 R	.05677
6	2023	COLU X	1073	1073	2038 R	.05606
6	2023	COLU X	56114	56114	2068 R	.05713
6	2027	COLU X	41910	41910	2067 R	.05713

						Prtg.txt
6	2027	COLU X	4441	4441	2047 R	.05641
6	2028	COLU X	109295	109295	2078 R	.05713
6	2028	COLU X	51696	51696	2053 R	.05677
6	2037	COLU X	795	795	2052 R	.05606
6	2037	COLU X	1966	1966	2067 R	.05713
6	2037	COLU X	43897	43897	2082 R	.05713
6	2038	COLU X	5196	5196	2058 R	.05641
6	2038	COLU X	2206	2206	2068 R	.05713
6	2038	COLU X	1073	1073	2053 R	.05606
6	2047	COLU X	141024	141024	2097 R	.05713
6	2047	COLU X	4441	4441	2067 R	.05641
6	2047	COLU X	43959	43959	2072 R	.05677
6	2048	COLU X	51524	51524	2083 R	.05713
6	2004	COUG X	69	69	2024 R	.05641
6	2004	COUG X	1525	1525	2044 R	.05713
6	2004	COUG X	3	3	2012 R	.05517
6	2006	COUG X	2	2	2013 R	.05490
6	2009	COUG X	43	43	2024 R	.05606
6	2012	COUG X	3	3	2020 R	.05517
6	2013	COUG X	2	2	2020 R	.05490
6	2014	COUG X	622	622	2064 R	.05713
6	2014	COUG X	129	129	2039 R	.05677
6	2020	COUG X	3	3	2028 R	.05517
6	2020	COUG X	2	2	2027 R	.05490
6	2024	COUG X	69	69	2044 R	.05641
6	2024	COUG X	43	43	2039 R	.05606
6	2027	COUG X	2	2	2034 R	.05490
6	2028	COUG X	3	3	2036 R	.05517
6	2034	COUG X	2	2	2041 R	.05490
6	2034	COUG X	2434	2434	2069 R	.05713
6	2036	COUG X	3	3	2044 R	.05517
6	2039	COUG X	43	43	2054 R	.05606
6	2039	COUG X	129	129	2064 R	.05677
6	2041	COUG X	2	2	2048 R	.05490
6	2044	COUG X	1525	1525	2084 R	.05713
6	2044	COUG X	3	3	2052 R	.05517
6	2044	COUG X	69	69	2064 R	.05641
6	2048	COUG X	2	2	2055 R	.05490
6	2002	DETR X	30	30	2010 R	.05517

						Prtg.txt
6	2002	DETR X	17	17	2014 R	.05584
6	2003	DETR X	5	5	2010 R	.05490
6	2004	DETR X	2695	2695	2054 R	.05713
6	2004	DETR X	595	595	2029 R	.05677
6	2004	DETR X	201	201	2029 R	.05677
6	2004	DETR X	23	23	2014 R	.05570
6	2004	DETR X	2	2	2009 R	.05425
6	2004	DETR X	545	545	2054 R	.05713
6	2009	DETR X	2	2	2014 R	.05425
6	2010	DETR X	30	30	2018 R	.05517
6	2010	DETR X	5	5	2017 R	.05490
6	2014	DETR X	108	108	2034 R	.05641
6	2014	DETR X	2	2	2019 R	.05425
6	2014	DETR X	286	286	2029 R	.05606
6	2014	DETR X	23	23	2024 R	.05570
6	2014	DETR X	17	17	2026 R	.05584
6	2014	DETR X	89	89	2029 R	.05606
6	2017	DETR X	5	5	2024 R	.05490
6	2018	DETR X	30	30	2026 R	.05517
6	2019	DETR X	2	2	2024 R	.05425
6	2024	DETR X	23	23	2034 R	.05570
6	2024	DETR X	2418	2418	2059 R	.05713
6	2024	DETR X	2	2	2029 R	.05425
6	2024	DETR X	12378	12378	2059 R	.05713
6	2024	DETR X	5	5	2031 R	.05490
6	2026	DETR X	30	30	2034 R	.05517
6	2026	DETR X	17	17	2038 R	.05584
6	2029	DETR X	2	2	2034 R	.05425
6	2029	DETR X	286	286	2044 R	.05606
6	2029	DETR X	595	595	2054 R	.05677
6	2029	DETR X	89	89	2044 R	.05606
6	2029	DETR X	201	201	2054 R	.05677
6	2031	DETR X	5	5	2038 R	.05490
6	2034	DETR X	4701	4701	2074 R	.05713
6	2034	DETR X	108	108	2054 R	.05641
6	2034	DETR X	23	23	2044 R	.05570
6	2034	DETR X	1451	1451	2074 R	.05713
6	2034	DETR X	2	2	2039 R	.05425
6	2034	DETR X	30	30	2042 R	.05517

						Prtg.txt
6	2038	DETR X	17	17	2050 R	.05584
6	2038	DETR X	5	5	2045 R	.05490
6	2039	DETR X	2	2	2044 R	.05425
6	2042	DETR X	30	30	2050 R	.05517
6	2044	DETR X	89	89	2059 R	.05606
6	2044	DETR X	286	286	2059 R	.05606
6	2044	DETR X	2	2	2049 R	.05425
6	2044	DETR X	23	23	2054 R	.05570
6	2045	DETR X	5	5	2052 R	.05490
6	2049	DETR X	2	2	2054 R	.05425
6	2050	DETR X	30	30	2058 R	.05517
6	2050	DETR X	17	17	2062 R	.05584
6	2003	DWOR X	2881	2881	2018 R	.05606
6	2003	DWOR X	181	181	2013 R	.05570
6	2005	DWOR X	37	37	2013 R	.05517
6	2008	DWOR X	12206	12206	2043 R	.05713
6	2008	DWOR X	17	17	2015 R	.05490
6	2009	DWOR X	53	53	2021 R	.05584
6	2013	DWOR X	7586	7586	2053 R	.05713
6	2013	DWOR X	3362	3362	2033 R	.05641
6	2013	DWOR X	37	37	2021 R	.05517
6	2013	DWOR X	181	181	2023 R	.05570
6	2015	DWOR X	17	17	2022 R	.05490
6	2018	DWOR X	2881	2881	2033 R	.05606
6	2021	DWOR X	53	53	2033 R	.05584
6	2021	DWOR X	37	37	2029 R	.05517
6	2022	DWOR X	17	17	2029 R	.05490
6	2023	DWOR X	7259	7259	2048 R	.05677
6	2023	DWOR X	1719	1719	2073 R	.05713
6	2023	DWOR X	181	181	2033 R	.05570
6	2029	DWOR X	17	17	2036 R	.05490
6	2029	DWOR X	37	37	2037 R	.05517
6	2033	DWOR X	2881	2881	2048 R	.05606
6	2033	DWOR X	53	53	2045 R	.05584
6	2033	DWOR X	3362	3362	2053 R	.05641
6	2033	DWOR X	181	181	2043 R	.05570
6	2036	DWOR X	17	17	2043 R	.05490
6	2037	DWOR X	37	37	2045 R	.05517
6	2043	DWOR X	181	181	2053 R	.05570

						Prtg.txt
6	2043	DWOR X	17	17	2050 R	.05490
6	2043	DWOR X	12206	12206	2078 R	.05713
6	2045	DWOR X	53	53	2057 R	.05584
6	2045	DWOR X	37	37	2053 R	.05517
6	2048	DWOR X	2881	2881	2063 R	.05606
6	2048	DWOR X	7259	7259	2073 R	.05677
6	2050	DWOR X	17	17	2057 R	.05490
6	2002	GREE X	3709	3709	2037 R	.05713
6	2002	GREE X	17	17	2009 R	.05490
6	2003	GREE X	1826	1826	2038 R	.05713
6	2007	GREE X	20	20	2017 R	.05570
6	2007	GREE X	1917	1917	2047 R	.05713
6	2007	GREE X	14	14	2015 R	.05517
6	2007	GREE X	130	130	2027 R	.05641
6	2008	GREE X	67	67	2028 R	.05641
6	2008	GREE X	1648	1648	2048 R	.05713
6	2009	GREE X	17	17	2016 R	.05490
6	2012	GREE X	938	938	2027 R	.05606
6	2013	GREE X	767	767	2028 R	.05606
6	2015	GREE X	14	14	2023 R	.05517
6	2016	GREE X	17	17	2023 R	.05490
6	2017	GREE X	430	430	2042 R	.05677
6	2017	GREE X	1534	1534	2067 R	.05713
6	2017	GREE X	20	20	2027 R	.05570
6	2018	GREE X	156	156	2043 R	.05677
6	2018	GREE X	270	270	2068 R	.05713
6	2023	GREE X	14	14	2031 R	.05517
6	2023	GREE X	17	17	2030 R	.05490
6	2027	GREE X	938	938	2042 R	.05606
6	2027	GREE X	20	20	2037 R	.05570
6	2027	GREE X	130	130	2047 R	.05641
6	2028	GREE X	67	67	2048 R	.05641
6	2028	GREE X	767	767	2043 R	.05606
6	2030	GREE X	17	17	2037 R	.05490
6	2031	GREE X	14	14	2039 R	.05517
6	2037	GREE X	3709	3709	2072 R	.05713
6	2037	GREE X	17	17	2044 R	.05490
6	2037	GREE X	20	20	2047 R	.05570
6	2038	GREE X	1826	1826	2073 R	.05713

						Prtg.txt
6	2039	GREE X	14	14	2047 R	.05517
6	2042	GREE X	430	430	2067 R	.05677
6	2042	GREE X	938	938	2057 R	.05606
6	2043	GREE X	767	767	2058 R	.05606
6	2043	GREE X	156	156	2068 R	.05677
6	2044	GREE X	17	17	2051 R	.05490
6	2047	GREE X	130	130	2067 R	.05641
6	2047	GREE X	20	20	2057 R	.05570
6	2047	GREE X	1917	1917	2087 R	.05713
6	2047	GREE X	14	14	2055 R	.05517
6	2048	GREE X	1648	1648	2088 R	.05713
6	2048	GREE X	67	67	2068 R	.05641
6	2051	GREE X	17	17	2058 R	.05490
6	2002	HILL X	1555	1555	2042 R	.05713
6	2002	HILL X	49	49	2022 R	.05641
6	2007	HILL X	85	85	2052 R	.05713
6	2007	HILL X	470	470	2022 R	.05606
6	2012	HILL X	149	149	2037 R	.05677
6	2012	HILL X	492	492	2062 R	.05713
6	2022	HILL X	49	49	2042 R	.05641
6	2022	HILL X	470	470	2037 R	.05606
6	2032	HILL X	2320	2320	2067 R	.05713
6	2037	HILL X	470	470	2052 R	.05606
6	2037	HILL X	149	149	2062 R	.05677
6	2042	HILL X	1555	1555	2082 R	.05713
6	2042	HILL X	49	49	2062 R	.05641
6	2003	HUNG X	10081	10081	2028 R	.05677
6	2003	HUNG X	43382	43382	2053 R	.05713
6	2013	HUNG X	440	440	2028 R	.05606
6	2013	HUNG X	445	445	2043 R	.05713
6	2013	HUNG X	663	663	2033 R	.05641
6	2023	HUNG X	3148	3148	2058 R	.05713
6	2028	HUNG X	10081	10081	2053 R	.05677
6	2028	HUNG X	440	440	2043 R	.05606
6	2033	HUNG X	5764	5764	2073 R	.05713
6	2033	HUNG X	663	663	2053 R	.05641
6	2043	HUNG X	6328	6328	2088 R	.05713
6	2043	HUNG X	445	445	2073 R	.05713
6	2043	HUNG X	440	440	2058 R	.05606

						Prtg.txt
6	2002	ICEH X	26	26	2010 R	.05517
6	2002	ICEH X	11405	11405	2042 R	.05713
6	2002	ICEH X	79	79	2012 R	.05570
6	2002	ICEH X	1429	1429	2022 R	.05641
6	2004	ICEH X	15	15	2011 R	.05490
6	2007	ICEH X	822	822	2022 R	.05606
6	2007	ICEH X	166	166	2052 R	.05713
6	2010	ICEH X	26	26	2018 R	.05517
6	2011	ICEH X	15	15	2018 R	.05490
6	2011	ICEH X	6359	6359	2046 R	.05713
6	2012	ICEH X	1559	1559	2037 R	.05677
6	2012	ICEH X	79	79	2022 R	.05570
6	2012	ICEH X	3872	3872	2062 R	.05713
6	2016	ICEH X	192	192	2036 R	.05641
6	2016	ICEH X	4266	4266	2056 R	.05713
6	2018	ICEH X	15	15	2025 R	.05490
6	2018	ICEH X	26	26	2026 R	.05517
6	2021	ICEH X	27	27	2066 R	.05713
6	2022	ICEH X	581	581	2052 R	.05713
6	2022	ICEH X	822	822	2037 R	.05606
6	2022	ICEH X	1429	1429	2042 R	.05641
6	2022	ICEH X	79	79	2032 R	.05570
6	2025	ICEH X	15	15	2032 R	.05490
6	2026	ICEH X	42	42	2051 R	.05677
6	2026	ICEH X	26	26	2034 R	.05517
6	2026	ICEH X	1225	1225	2076 R	.05713
6	2032	ICEH X	79	79	2042 R	.05570
6	2032	ICEH X	15	15	2039 R	.05490
6	2032	ICEH X	16567	16567	2067 R	.05713
6	2034	ICEH X	26	26	2042 R	.05517
6	2036	ICEH X	192	192	2056 R	.05641
6	2037	ICEH X	822	822	2052 R	.05606
6	2037	ICEH X	1559	1559	2062 R	.05677
6	2039	ICEH X	15	15	2046 R	.05490
6	2042	ICEH X	79	79	2052 R	.05570
6	2042	ICEH X	26	26	2050 R	.05517
6	2042	ICEH X	11405	11405	2082 R	.05713
6	2042	ICEH X	1429	1429	2062 R	.05641
6	2046	ICEH X	6359	6359	2081 R	.05713

						Prtg.txt	
6	2046	ICEH X	15	15	2053 R	.05490	
6	2050	ICEH X	26	26	2058 R	.05517	
6	2051	ICEH X	42	42	2076 R	.05677	
6	2005	JOHN X	44679	44679	2040 R	.05713	
6	2005	JOHN X	27	27	2010 R	.05425	
6	2005	JOHN X	5	5	2012 R	.05490	
6	2006	JOHN X	154	154	2018 R	.05584	
6	2010	JOHN X	27854	27854	2050 R	.05713	
6	2010	JOHN X	40	40	2020 R	.05570	
6	2010	JOHN X	27	27	2015 R	.05425	
6	2010	JOHN X	629	629	2030 R	.05641	
6	2012	JOHN X	5	5	2019 R	.05490	
6	2015	JOHN X	27	27	2020 R	.05425	
6	2015	JOHN X	1924	1924	2030 R	.05606	
6	2018	JOHN X	154	154	2030 R	.05584	
6	2019	JOHN X	5	5	2026 R	.05490	
6	2020	JOHN X	9034	9034	2070 R	.05713	
6	2020	JOHN X	40	40	2030 R	.05570	
6	2020	JOHN X	27	27	2025 R	.05425	
6	2020	JOHN X	3411	3411	2045 R	.05677	
6	2025	JOHN X	27	27	2030 R	.05425	
6	2026	JOHN X	5	5	2033 R	.05490	
6	2030	JOHN X	629	629	2050 R	.05641	
6	2030	JOHN X	522	522	2060 R	.05713	
6	2030	JOHN X	1924	1924	2045 R	.05606	
6	2030	JOHN X	27	27	2035 R	.05425	
6	2030	JOHN X	40	40	2040 R	.05570	
6	2030	JOHN X	154	154	2042 R	.05584	
6	2033	JOHN X	5	5	2040 R	.05490	
6	2035	JOHN X	27	27	2040 R	.05425	
6	2040	JOHN X	40	40	2050 R	.05570	
6	2040	JOHN X	27	27	2045 R	.05425	
6	2040	JOHN X	5	5	2047 R	.05490	
6	2040	JOHN X	44679	44679	2075 R	.05713	
6	2042	JOHN X	154	154	2054 R	.05584	
6	2045	JOHN X	3411	3411	2070 R	.05677	
6	2045	JOHN X	1924	1924	2060 R	.05606	
6	2045	JOHN X	27	27	2050 R	.05425	
6	2047	JOHN X	5	5	2054 R	.05490	

				Prtg.txt			
6	2050	JOHN X	27	27	2055 R		.05425
6	2050	JOHN X	629	629	2070 R		.05641
6	2050	JOHN X	40	40	2060 R		.05570
6	2050	JOHN X	27854	27854	2090 R		.05713
6	2004	LIBB X	62	62	2011 R		.05490
6	2006	LIBB X	62	62	2016 R		.05570
6	2006	LIBB X	1728	1728	2021 R		.05606
6	2010	LIBB X	255	255	2035 R		.05677
6	2011	LIBB X	62	62	2018 R		.05490
6	2011	LIBB X	9558	9558	2046 R		.05713
6	2015	LIBB X	190	190	2030 R		.05606
6	2016	LIBB X	14277	14277	2056 R		.05713
6	2016	LIBB X	62	62	2026 R		.05570
6	2016	LIBB X	607	607	2036 R		.05641
6	2018	LIBB X	62	62	2025 R		.05490
6	2020	LIBB X	6921	6921	2055 R		.05713
6	2021	LIBB X	1728	1728	2036 R		.05606
6	2025	LIBB X	7180	7180	2065 R		.05713
6	2025	LIBB X	62	62	2032 R		.05490
6	2026	LIBB X	62	62	2036 R		.05570
6	2026	LIBB X	3046	3046	2076 R		.05713
6	2026	LIBB X	2397	2397	2051 R		.05677
6	2030	LIBB X	190	190	2045 R		.05606
6	2032	LIBB X	62	62	2039 R		.05490
6	2035	LIBB X	255	255	2060 R		.05677
6	2035	LIBB X	4742	4742	2085 R		.05713
6	2036	LIBB X	62	62	2046 R		.05570
6	2036	LIBB X	1728	1728	2051 R		.05606
6	2036	LIBB X	607	607	2056 R		.05641
6	2039	LIBB X	62	62	2046 R		.05490
6	2045	LIBB X	190	190	2060 R		.05606
6	2046	LIBB X	9558	9558	2081 R		.05713
6	2046	LIBB X	62	62	2056 R		.05570
6	2046	LIBB X	62	62	2053 R		.05490
6	2051	LIBB X	2397	2397	2076 R		.05677
6	2051	LIBB X	1728	1728	2066 R		.05606
6	2003	LITT X	37	37	2028 R		.05677
6	2003	LITT X	40	40	2011 R		.05517
6	2006	LITT X	12372	12372	2041 R		.05713

				Prtg.txt		
6	2006	LITT X	23	23	2013 R	.05490
6	2008	LITT X	1024	1024	2018 R	.05570
6	2011	LITT X	11	11	2021 R	.05570
6	2011	LITT X	438	438	2031 R	.05641
6	2011	LITT X	40	40	2019 R	.05517
6	2011	LITT X	10382	10382	2051 R	.05713
6	2013	LITT X	23	23	2020 R	.05490
6	2013	LITT X	9654	9654	2048 R	.05713
6	2016	LITT X	1532	1532	2031 R	.05606
6	2018	LITT X	191	191	2038 R	.05641
6	2018	LITT X	8657	8657	2058 R	.05713
6	2018	LITT X	1024	1024	2028 R	.05570
6	2019	LITT X	40	40	2027 R	.05517
6	2020	LITT X	23	23	2027 R	.05490
6	2021	LITT X	962	962	2046 R	.05677
6	2021	LITT X	3510	3510	2071 R	.05713
6	2021	LITT X	11	11	2031 R	.05570
6	2023	LITT X	124	124	2068 R	.05713
6	2027	LITT X	23	23	2034 R	.05490
6	2027	LITT X	40	40	2035 R	.05517
6	2028	LITT X	1680	1680	2078 R	.05713
6	2028	LITT X	1024	1024	2038 R	.05570
6	2028	LITT X	37	37	2053 R	.05677
6	2031	LITT X	11	11	2041 R	.05570
6	2031	LITT X	1532	1532	2046 R	.05606
6	2031	LITT X	238	238	2061 R	.05713
6	2031	LITT X	438	438	2051 R	.05641
6	2034	LITT X	23	23	2041 R	.05490
6	2035	LITT X	40	40	2043 R	.05517
6	2038	LITT X	191	191	2058 R	.05641
6	2038	LITT X	1024	1024	2048 R	.05570
6	2041	LITT X	12372	12372	2076 R	.05713
6	2041	LITT X	23	23	2048 R	.05490
6	2041	LITT X	11	11	2051 R	.05570
6	2043	LITT X	40	40	2051 R	.05517
6	2046	LITT X	1532	1532	2061 R	.05606
6	2046	LITT X	962	962	2071 R	.05677
6	2048	LITT X	23	23	2055 R	.05490
6	2048	LITT X	9654	9654	2083 R	.05713

						Prtg.txt
6	2048	LITT X	1024	1024	2058 R	.05570
6	2051	LITT X	40	40	2059 R	.05517
6	2051	LITT X	438	438	2071 R	.05641
6	2051	LITT X	11	11	2061 R	.05570
6	2051	LITT X	10382	10382	2091 R	.05713
6	2003	LOOK X	38	38	2015 R	.05584
6	2003	LOOK X	6	6	2011 R	.05517
6	2004	LOOK X	15	15	2011 R	.05490
6	2005	LOOK X	520	520	2030 R	.05677
6	2005	LOOK X	491	491	2055 R	.05713
6	2005	LOOK X	3930	3930	2055 R	.05713
6	2005	LOOK X	104	104	2015 R	.05570
6	2011	LOOK X	15	15	2018 R	.05490
6	2011	LOOK X	6	6	2019 R	.05517
6	2015	LOOK X	34	34	2035 R	.05641
6	2015	LOOK X	427	427	2035 R	.05641
6	2015	LOOK X	420	420	2030 R	.05606
6	2015	LOOK X	73	73	2030 R	.05606
6	2015	LOOK X	104	104	2025 R	.05570
6	2015	LOOK X	38	38	2027 R	.05584
6	2018	LOOK X	15	15	2025 R	.05490
6	2019	LOOK X	6	6	2027 R	.05517
6	2025	LOOK X	15	15	2032 R	.05490
6	2025	LOOK X	104	104	2035 R	.05570
6	2025	LOOK X	2068	2068	2060 R	.05713
6	2025	LOOK X	10319	10319	2060 R	.05713
6	2027	LOOK X	6	6	2035 R	.05517
6	2027	LOOK X	38	38	2039 R	.05584
6	2030	LOOK X	520	520	2055 R	.05677
6	2030	LOOK X	420	420	2045 R	.05606
6	2030	LOOK X	73	73	2045 R	.05606
6	2032	LOOK X	15	15	2039 R	.05490
6	2035	LOOK X	34	34	2055 R	.05641
6	2035	LOOK X	5390	5390	2075 R	.05713
6	2035	LOOK X	104	104	2045 R	.05570
6	2035	LOOK X	6	6	2043 R	.05517
6	2035	LOOK X	427	427	2055 R	.05641
6	2035	LOOK X	2241	2241	2075 R	.05713
6	2039	LOOK X	15	15	2046 R	.05490

						Prtg.txt
6	2039	LOOK X	38	38	2051 R	.05584
6	2043	LOOK X	6	6	2051 R	.05517
6	2045	LOOK X	420	420	2060 R	.05606
6	2045	LOOK X	104	104	2055 R	.05570
6	2045	LOOK X	73	73	2060 R	.05606
6	2046	LOOK X	15	15	2053 R	.05490
6	2051	LOOK X	6	6	2059 R	.05517
6	2051	LOOK X	38	38	2063 R	.05584
6	2002	LOST X	158	158	2027 R	.05677
6	2005	LOST X	1	1	2012 R	.05490
6	2007	LOST X	17	17	2037 R	.05713
6	2007	LOST X	5	5	2017 R	.05570
6	2007	LOST X	36	36	2022 R	.05606
6	2012	LOST X	1	1	2019 R	.05490
6	2012	LOST X	1498	1498	2047 R	.05713
6	2017	LOST X	5	5	2027 R	.05570
6	2017	LOST X	72	72	2037 R	.05641
6	2017	LOST X	1169	1169	2057 R	.05713
6	2019	LOST X	1	1	2026 R	.05490
6	2022	LOST X	506	506	2067 R	.05713
6	2022	LOST X	36	36	2037 R	.05606
6	2026	LOST X	1	1	2033 R	.05490
6	2027	LOST X	571	571	2077 R	.05713
6	2027	LOST X	158	158	2052 R	.05677
6	2027	LOST X	5	5	2037 R	.05570
6	2033	LOST X	1	1	2040 R	.05490
6	2037	LOST X	36	36	2052 R	.05606
6	2037	LOST X	17	17	2067 R	.05713
6	2037	LOST X	72	72	2057 R	.05641
6	2037	LOST X	5	5	2047 R	.05570
6	2040	LOST X	1	1	2047 R	.05490
6	2047	LOST X	1498	1498	2082 R	.05713
6	2047	LOST X	5	5	2057 R	.05570
6	2047	LOST X	1	1	2054 R	.05490
6	2003	LOWG X	24	24	2010 R	.05490
6	2003	LOWG X	115	115	2028 R	.05677
6	2005	LOWG X	877	877	2015 R	.05570
6	2005	LOWG X	2498	2498	2020 R	.05606
6	2005	LOWG X	658	658	2035 R	.05713

						Prtg.txt
6	2007	LOWG X	32	32	2015 R	.05517
6	2008	LOWG X	308	308	2023 R	.05606
6	2010	LOWG X	24	24	2017 R	.05490
6	2010	LOWG X	8333	8333	2045 R	.05713
6	2011	LOWG X	20	20	2023 R	.05584
6	2013	LOWG X	9814	9814	2048 R	.05713
6	2015	LOWG X	32	32	2023 R	.05517
6	2015	LOWG X	877	877	2025 R	.05570
6	2015	LOWG X	6950	6950	2055 R	.05713
6	2015	LOWG X	1005	1005	2035 R	.05641
6	2017	LOWG X	24	24	2024 R	.05490
6	2018	LOWG X	308	308	2038 R	.05641
6	2018	LOWG X	7622	7622	2058 R	.05713
6	2020	LOWG X	2498	2498	2035 R	.05606
6	2023	LOWG X	32	32	2031 R	.05517
6	2023	LOWG X	20	20	2035 R	.05584
6	2023	LOWG X	308	308	2038 R	.05606
6	2024	LOWG X	24	24	2031 R	.05490
6	2025	LOWG X	877	877	2035 R	.05570
6	2025	LOWG X	1558	1558	2075 R	.05713
6	2025	LOWG X	204	204	2050 R	.05677
6	2028	LOWG X	1627	1627	2078 R	.05713
6	2028	LOWG X	115	115	2053 R	.05677
6	2031	LOWG X	24	24	2038 R	.05490
6	2031	LOWG X	32	32	2039 R	.05517
6	2035	LOWG X	1005	1005	2055 R	.05641
6	2035	LOWG X	2498	2498	2050 R	.05606
6	2035	LOWG X	20	20	2047 R	.05584
6	2035	LOWG X	877	877	2045 R	.05570
6	2035	LOWG X	658	658	2065 R	.05713
6	2038	LOWG X	24	24	2045 R	.05490
6	2038	LOWG X	308	308	2053 R	.05606
6	2038	LOWG X	308	308	2058 R	.05641
6	2039	LOWG X	32	32	2047 R	.05517
6	2045	LOWG X	8333	8333	2080 R	.05713
6	2045	LOWG X	24	24	2052 R	.05490
6	2045	LOWG X	877	877	2055 R	.05570
6	2047	LOWG X	20	20	2059 R	.05584
6	2047	LOWG X	32	32	2055 R	.05517

						Prtg.txt
6	2048	LOWG X	9814	9814	2083 R	.05713
6	2050	LOWG X	204	204	2075 R	.05677
6	2050	LOWG X	2498	2498	2065 R	.05606
6	2004	LOWM X	10138	10138	2039 R	.05713
6	2004	LOWM X	23	23	2011 R	.05490
6	2004	LOWM X	40	40	2029 R	.05677
6	2009	LOWM X	11	11	2019 R	.05570
6	2009	LOWM X	304	304	2029 R	.05641
6	2009	LOWM X	44	44	2017 R	.05517
6	2009	LOWM X	10387	10387	2049 R	.05713
6	2011	LOWM X	23	23	2018 R	.05490
6	2014	LOWM X	9326	9326	2049 R	.05713
6	2014	LOWM X	1989	1989	2029 R	.05606
6	2017	LOWM X	44	44	2025 R	.05517
6	2018	LOWM X	23	23	2025 R	.05490
6	2019	LOWM X	11	11	2029 R	.05570
6	2019	LOWM X	4054	4054	2069 R	.05713
6	2019	LOWM X	6771	6771	2059 R	.05713
6	2019	LOWM X	840	840	2044 R	.05677
6	2019	LOWM X	305	305	2039 R	.05641
6	2024	LOWM X	111	111	2069 R	.05713
6	2025	LOWM X	23	23	2032 R	.05490
6	2025	LOWM X	44	44	2033 R	.05517
6	2029	LOWM X	1989	1989	2044 R	.05606
6	2029	LOWM X	1646	1646	2079 R	.05713
6	2029	LOWM X	11	11	2039 R	.05570
6	2029	LOWM X	40	40	2054 R	.05677
6	2029	LOWM X	243	243	2059 R	.05713
6	2029	LOWM X	304	304	2049 R	.05641
6	2032	LOWM X	23	23	2039 R	.05490
6	2033	LOWM X	44	44	2041 R	.05517
6	2039	LOWM X	10138	10138	2074 R	.05713
6	2039	LOWM X	11	11	2049 R	.05570
6	2039	LOWM X	305	305	2059 R	.05641
6	2039	LOWM X	23	23	2046 R	.05490
6	2041	LOWM X	44	44	2049 R	.05517
6	2044	LOWM X	840	840	2069 R	.05677
6	2044	LOWM X	1989	1989	2059 R	.05606
6	2046	LOWM X	23	23	2053 R	.05490

						Prtg.txt
6	2049	LOWM X	304	304	2069 R	.05641
6	2049	LOWM X	10387	10387	2089 R	.05713
6	2049	LOWM X	9326	9326	2084 R	.05713
6	2049	LOWM X	44	44	2057 R	.05517
6	2049	LOWM X	11	11	2059 R	.05570
6	2003	LSFW X	5134	5134	2023 R	.05641
6	2003	LSFW X	47	47	2008 R	.05425
6	2003	LSFW X	1022	1022	2013 R	.05570
6	2004	LSFW X	561	561	2011 R	.05490
6	2007	LSFW X	513	513	2019 R	.05584
6	2007	LSFW X	107	107	2015 R	.05517
6	2008	LSFW X	992	992	2033 R	.05677
6	2008	LSFW X	47	47	2013 R	.05425
6	2011	LSFW X	561	561	2018 R	.05490
6	2013	LSFW X	2180	2180	2043 R	.05713
6	2013	LSFW X	1104	1104	2028 R	.05606
6	2013	LSFW X	1022	1022	2023 R	.05570
6	2013	LSFW X	47	47	2018 R	.05425
6	2015	LSFW X	107	107	2023 R	.05517
6	2018	LSFW X	47	47	2023 R	.05425
6	2018	LSFW X	1121	1121	2053 R	.05713
6	2018	LSFW X	561	561	2025 R	.05490
6	2019	LSFW X	513	513	2031 R	.05584
6	2023	LSFW X	5134	5134	2043 R	.05641
6	2023	LSFW X	1022	1022	2033 R	.05570
6	2023	LSFW X	107	107	2031 R	.05517
6	2023	LSFW X	47	47	2028 R	.05425
6	2023	LSFW X	7070	7070	2063 R	.05713
6	2025	LSFW X	561	561	2032 R	.05490
6	2028	LSFW X	1104	1104	2043 R	.05606
6	2028	LSFW X	47	47	2033 R	.05425
6	2028	LSFW X	1056	1056	2073 R	.05713
6	2031	LSFW X	107	107	2039 R	.05517
6	2031	LSFW X	513	513	2043 R	.05584
6	2032	LSFW X	561	561	2039 R	.05490
6	2033	LSFW X	47	47	2038 R	.05425
6	2033	LSFW X	1022	1022	2043 R	.05570
6	2033	LSFW X	992	992	2058 R	.05677
6	2033	LSFW X	16495	16495	2083 R	.05713

					Prtg.txt	
6	2038	LSFW X	47	47	2043 R	.05425
6	2039	LSFW X	107	107	2047 R	.05517
6	2039	LSFW X	561	561	2046 R	.05490
6	2043	LSFW X	1022	1022	2053 R	.05570
6	2043	LSFW X	2180	2180	2073 R	.05713
6	2043	LSFW X	5134	5134	2063 R	.05641
6	2043	LSFW X	47	47	2048 R	.05425
6	2043	LSFW X	1104	1104	2058 R	.05606
6	2043	LSFW X	513	513	2055 R	.05584
6	2046	LSFW X	561	561	2053 R	.05490
6	2047	LSFW X	107	107	2055 R	.05517
6	2048	LSFW X	47	47	2053 R	.05425
6	2003	MCNA X	59	59	2011 R	.05517
6	2003	MCNA X	99	99	2015 R	.05584
6	2004	MCNA X	28	28	2011 R	.05490
6	2005	MCNA X	19817	19817	2055 R	.05713
6	2005	MCNA X	900	900	2030 R	.05677
6	2005	MCNA X	160	160	2015 R	.05570
6	2011	MCNA X	28	28	2018 R	.05490
6	2011	MCNA X	59	59	2019 R	.05517
6	2015	MCNA X	450	450	2030 R	.05606
6	2015	MCNA X	1217	1217	2035 R	.05641
6	2015	MCNA X	99	99	2027 R	.05584
6	2015	MCNA X	160	160	2025 R	.05570
6	2018	MCNA X	28	28	2025 R	.05490
6	2019	MCNA X	59	59	2027 R	.05517
6	2025	MCNA X	160	160	2035 R	.05570
6	2025	MCNA X	62219	62219	2060 R	.05713
6	2025	MCNA X	28	28	2032 R	.05490
6	2027	MCNA X	99	99	2039 R	.05584
6	2027	MCNA X	59	59	2035 R	.05517
6	2030	MCNA X	450	450	2045 R	.05606
6	2030	MCNA X	900	900	2055 R	.05677
6	2032	MCNA X	28	28	2039 R	.05490
6	2035	MCNA X	59	59	2043 R	.05517
6	2035	MCNA X	160	160	2045 R	.05570
6	2035	MCNA X	1217	1217	2055 R	.05641
6	2035	MCNA X	31925	31925	2075 R	.05713
6	2039	MCNA X	28	28	2046 R	.05490

					Prtg.txt	
6	2039	MCNA X	99	99	2051 R	.05584
6	2043	MCNA X	59	59	2051 R	.05517
6	2045	MCNA X	450	450	2060 R	.05606
6	2045	MCNA X	160	160	2055 R	.05570
6	2046	MCNA X	28	28	2053 R	.05490
6	2051	MCNA X	59	59	2059 R	.05517
6	2051	MCNA X	99	99	2063 R	.05584
6	2002	MINI X	120	120	2017 R	.05606
6	2002	MINI X	3771	3771	2047 R	.05713
6	2007	MINI X	5757	5757	2052 R	.05713
6	2007	MINI X	6690	6690	2057 R	.05713
6	2007	MINI X	16	16	2017 R	.05570
6	2007	MINI X	67	67	2037 R	.05713
6	2007	MINI X	80	80	2022 R	.05606
6	2007	MINI X	2205	2205	2032 R	.05677
6	2017	MINI X	16	16	2027 R	.05570
6	2017	MINI X	120	120	2032 R	.05606
6	2017	MINI X	82	82	2047 R	.05713
6	2017	MINI X	88	88	2037 R	.05641
6	2017	MINI X	4460	4460	2067 R	.05713
6	2017	MINI X	261	261	2037 R	.05641
6	2017	MINI X	1846	1846	2042 R	.05677
6	2022	MINI X	2925	2925	2057 R	.05713
6	2022	MINI X	80	80	2037 R	.05606
6	2027	MINI X	695	695	2062 R	.05713
6	2027	MINI X	16	16	2037 R	.05570
6	2032	MINI X	120	120	2047 R	.05606
6	2032	MINI X	2205	2205	2057 R	.05677
6	2037	MINI X	1540	1540	2077 R	.05713
6	2037	MINI X	261	261	2057 R	.05641
6	2037	MINI X	5940	5940	2077 R	.05713
6	2037	MINI X	16	16	2047 R	.05570
6	2037	MINI X	80	80	2052 R	.05606
6	2037	MINI X	67	67	2067 R	.05713
6	2037	MINI X	88	88	2057 R	.05641
6	2042	MINI X	1846	1846	2067 R	.05677
6	2047	MINI X	82	82	2077 R	.05713
6	2047	MINI X	3771	3771	2092 R	.05713
6	2047	MINI X	16	16	2057 R	.05570

						Prtg.txt
6	2047	MINI X	120	120	2062 R	.05606
6	2003	THED X	1784	1784	2018 R	.05606
6	2004	THED X	1227	1227	2019 R	.05606
6	2004	THED X	42	42	2009 R	.05425
6	2007	THED X	9	9	2019 R	.05584
6	2007	THED X	69	69	2015 R	.05517
6	2008	THED X	18677	18677	2043 R	.05713
6	2008	THED X	46	46	2015 R	.05490
6	2009	THED X	1	1	2019 R	.05570
6	2009	THED X	2477	2477	2034 R	.05677
6	2009	THED X	18866	18866	2059 R	.05713
6	2009	THED X	42	42	2014 R	.05425
6	2013	THED X	15122	15122	2053 R	.05713
6	2013	THED X	1892	1892	2033 R	.05641
6	2014	THED X	42	42	2019 R	.05425
6	2015	THED X	46	46	2022 R	.05490
6	2015	THED X	69	69	2023 R	.05517
6	2018	THED X	1784	1784	2033 R	.05606
6	2019	THED X	1	1	2029 R	.05570
6	2019	THED X	42	42	2024 R	.05425
6	2019	THED X	1227	1227	2034 R	.05606
6	2019	THED X	1207	1207	2039 R	.05641
6	2019	THED X	9	9	2031 R	.05584
6	2022	THED X	46	46	2029 R	.05490
6	2023	THED X	5618	5618	2073 R	.05713
6	2023	THED X	69	69	2031 R	.05517
6	2023	THED X	219	219	2048 R	.05677
6	2024	THED X	42	42	2029 R	.05425
6	2029	THED X	42	42	2034 R	.05425
6	2029	THED X	1	1	2039 R	.05570
6	2029	THED X	67836	67836	2064 R	.05713
6	2029	THED X	46	46	2036 R	.05490
6	2031	THED X	69	69	2039 R	.05517
6	2031	THED X	9	9	2043 R	.05584
6	2033	THED X	1784	1784	2048 R	.05606
6	2033	THED X	1892	1892	2053 R	.05641
6	2034	THED X	42	42	2039 R	.05425
6	2034	THED X	2477	2477	2059 R	.05677
6	2034	THED X	1227	1227	2049 R	.05606

				Prtg.txt			
6	2036	THED X	46	46	2043 R		.05490
6	2039	THED X	42	42	2044 R		.05425
6	2039	THED X	1207	1207	2059 R		.05641
6	2039	THED X	1	1	2049 R		.05570
6	2039	THED X	69	69	2047 R		.05517
6	2039	THED X	42831	42831	2079 R		.05713
6	2043	THED X	18677	18677	2078 R		.05713
6	2043	THED X	9	9	2055 R		.05584
6	2043	THED X	46	46	2050 R		.05490
6	2044	THED X	42	42	2049 R		.05425
6	2047	THED X	69	69	2055 R		.05517
6	2048	THED X	1784	1784	2063 R		.05606
6	2048	THED X	219	219	2073 R		.05677
6	2049	THED X	1	1	2059 R		.05570
6	2049	THED X	1227	1227	2064 R		.05606
6	2049	THED X	42	42	2054 R		.05425
6	2050	THED X	46	46	2057 R		.05490
6	2006	YAKC X	56	56	2016 R		.05570
6	2006	YAKC X	3101	3101	2056 R		.05713
6	2006	YAKC X	885	885	2031 R		.05677
6	2016	YAKC X	56	56	2026 R		.05570
6	2016	YAKC X	24	24	2031 R		.05606
6	2016	YAKC X	85	85	2036 R		.05641
6	2016	YAKC X	56	56	2046 R		.05713
6	2026	YAKC X	449	449	2061 R		.05713
6	2026	YAKC X	56	56	2036 R		.05570
6	2031	YAKC X	24	24	2046 R		.05606
6	2031	YAKC X	885	885	2056 R		.05677
6	2036	YAKC X	85	85	2056 R		.05641
6	2036	YAKC X	56	56	2046 R		.05570
6	2036	YAKC X	469	469	2076 R		.05713
6	2046	YAKC X	24	24	2061 R		.05606
6	2046	YAKC X	56	56	2056 R		.05570
6	2046	YAKC X	726	726	2091 R		.05713
6	2046	YAKC X	56	56	2076 R		.05713
6	2003	YAKR X	2	2	2018 R		.05606
6	2003	YAKR X	198	198	2048 R		.05713
6	2008	YAKR X	99	99	2033 R		.05677
6	2008	YAKR X	347	347	2058 R		.05713

						Prtg.txt
6	2018	YAKR X	2	2	2033 R	.05606
6	2018	YAKR X	8	8	2038 R	.05641
6	2018	YAKR X	5	5	2048 R	.05713
6	2028	YAKR X	61	61	2063 R	.05713
6	2033	YAKR X	99	99	2058 R	.05677
6	2033	YAKR X	2	2	2048 R	.05606
6	2038	YAKR X	119	119	2078 R	.05713
6	2038	YAKR X	8	8	2058 R	.05641
6	2048	YAKR X	5	5	2078 R	.05713
6	2048	YAKR X	198	198	2093 R	.05713
6	2048	YAKR X	2	2	2063 R	.05606

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BPA REPLACEMENTS

INSERVICE DATE	PROJECT	ORIGINAL PRINCIPAL	CURRENT PRINCIPAL	DATE DUE	INTEREST RATE
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NUMBER OF INVESTMENTS FOR THIS STUDY IS 2193

1

1

REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL
 OCTOBER 1,2000 - SEPTEMBER 30,2001 COST EVALUATION PERIOD
 REPAY 01 GS6 - GENERATION, FINAL, 1996 RATE CASE DEBT BUYOUT
 GENERATION

SUMMARY OF SOLUTION STEPS

PRIMARY ITERATION NUMBER	TRIAL REVENUE FACTOR	SECONDARY ITERATIONS REQUIRED	RESULTS
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1	1.000000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2001
2	1.500000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
3	1.250000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
4	1.120000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
5	1.180000	3	CONVERGED TO A VALID REPAYMENT SCHEDULE
6	1.150000	5	CONVERGED TO A VALID REPAYMENT SCHEDULE
7	1.135000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
8	1.142000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
9	1.146000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
10	1.144000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
11	1.145000	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
12	1.144500	3	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
13	1.144750	3	ANNUAL REVENUES INSUFFICIENT IN YEAR 2003
14	1.144870	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
15	1.144810	4	CONVERGED TO A VALID REPAYMENT SCHEDULE
16	1.144780	4	CONVERGED TO MINIMUM REPAYMENT SCHEDULE

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106/07/96
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F E D E R A L C O L U M B I A R I V E R P O W E R S Y S

REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL

OCTOBER 1,2000 - SEPTEMBER 30,2001 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)

TABLE A FISCAL

0	1	2	3	4	5	6	7
8							
OFISCAL	REVENUE	REVENUE	ANNUAL	PURCHASE	GROSS		IRRIGATION
YEAR		REQUIREMENT	OBLIGATIONS	AND	INTEREST	AMORTIZATION	AMORTIZATIO
ENDING	SURPLUS OR	=		EXCHANGE	+	+	
SEPT 30	DEFICIT			POWER			
N + (-)							
CUMULATIVE							
1996			1,925,217		3,301,041	1,461,448	
1997		1,101,765	144,603	564,891	272,285	94,843	25,143
1998		1,122,081	150,060	586,918	287,139	97,964	
1999		1,132,838	155,070	657,860	292,254	27,654	
2000		1,149,465	160,219	663,174	301,536	24,536	
2001		1,182,988	165,845	659,396	318,306	29,338	10,103
2002		1,182,988	165,845	612,019	330,502	74,622	
2003		1,182,988	165,845	686,032	331,001	110	
2004		1,182,988	165,845	617,203	332,430	66,756	754
2005		1,182,988	165,845	581,220	329,834	106,089	
2006		1,182,988	165,845	598,538	327,087	91,518	
2007		1,182,988	165,845	615,021	323,390	78,732	

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2008	1,182,988	165,845	615,161	320,984	78,048	2,950
2009	1,182,988	165,845	597,449	317,724	94,372	7,598
2010	1,182,988	165,845	597,769	313,547	105,827	
2011	1,182,988	165,845	596,902	310,522	109,719	
2012	1,182,988	165,845	590,797	304,467	121,073	806
2013	1,182,988	165,845	394,587	298,513	278,970	45,073
2014	1,182,988	165,845	395,023	281,184	294,583	46,353
2015	1,182,988	165,845	392,061	260,011	312,225	52,846
2016	1,182,988	165,845	371,207	240,234	343,488	62,214
2017	1,182,988	165,845	262,893	218,187	472,250	63,813
2018	1,182,988	165,845	91,920	191,771	709,633	23,819
2019	1,182,988	165,845	267,515	159,753	523,149	66,726
2020	1,182,988	165,845	266,544	128,755	588,244	33,600
2021	1,182,988	165,845	262,745	96,173	640,533	17,692
2022	1,182,988	165,845	263,243	56,755	681,078	16,067
2023	1,182,988	165,845	263,466	23,613	720,391	9,673
2024	1,182,988	165,845	250,001	-15,036	339,379	295,532
147,267 2025	1,182,988	165,845	249,109	-31,207	94,534	

704,707					
2026	1,182,988	165,845	248,553	-33,713	7,436
794,867					
2027	1,182,988	165,845	248,553	-30,649	114,846
684,393					
2028	1,182,988	165,845	248,553	-28,494	190,643
606,441					
2029	1,182,988	165,845	248,553	-31,831	73,385
727,036					
2030	1,182,988	165,845	247,553	-33,728	8,240
795,078					
2031	1,182,988	165,845	247,553	-33,747	7,637
795,700					
2032	1,182,988	165,845	247,553	-32,671	45,319
756,942					
2033	1,182,988	165,845	247,553	-32,960	35,287
767,263					
2034	1,182,988	165,845	247,553	-33,604	12,546
790,648					
2035	1,182,988	165,845	247,553	-32,417	54,226
747,781					
2036	1,182,988	165,845	247,553	-33,869	3,345
800,114					
2037	1,182,988	165,845	247,553	-31,426	88,950
712,066					
2038	1,182,988	165,845	247,553	-33,589	13,182
789,997					
2039	1,182,988	165,845	247,553	-32,367	55,898
746,059					
2040	1,182,988	165,845	247,553	-32,683	44,752
757,521					
2041	1,182,988	165,845	247,553	-32,922	36,428
766,084					
2042	1,182,988	165,845	247,553	-33,422	19,015
783,997					

			Prtg.txt			
2043	1,182,988	165,845	247,553	-32,557	49,377	
752,770						
2044	1,182,988	165,845	247,553	-33,823	4,885	
798,528						
2045	1,182,988	165,845	247,553	-33,473	17,242	
785,821						
2046	1,182,988	165,845	247,553	-31,301	93,218	
707,673						
2047	1,182,988	165,845	247,553	-28,271	199,581	
598,280						
2048	1,182,988	165,845	247,553	-29,688	149,716	
649,562						
2049	1,182,988	165,845	247,553	-33,349	21,484	
781,455						
2050	1,182,988	165,845	247,553	-33,066	31,388	
771,268						
2051	1,182,988	165,845	247,553	-33,520	15,564	
787,546						
0 TOTALS	64,838,537	9,068,047	20,011,042	6,078,574	8,593,248	780,762
20,306,864						

106/07/96 F E D E R A L C O L U M B I A R I V E R P O W E R S Y S

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REPAYMENT STUDY FOR 1996 FINAL RATE PROPOSAL

OCTOBER 1,2000 - SEPTEMBER 30,2001 COST EVALUATION PERIOD

(ALL AMOUNTS IN \$1000)
TABLE B FISCAL

0	1	2	3	4	5	6	7
8		9					
10							
0							
	IRRIGATION ASSISTANCE						
FISCAL	-----						

YEAR	INITIAL	REPLACE-	CUMULATIVE	AMORTI-		TERM	CUM

ULATIVE ENDING OUNT IN UNAMORTIZED SEPT 30 ERVICE AMOUNT OCUMULATIVE	PROJECT AMORTI- THRU 9-30 ZATION	+ = THRU 9-30	MENTS = SERVICE	= AMOUNT IN SERVICE	- = ZATION 9-30	= UNAMORTIZED INVESTMENT	INVESTMENT SCHEDULE	AM S
1996 780,762 780,762	5,557,759		187,364	5,745,123	1,461,448	4,283,675	5,286,079	
1997 780,762 755,619	261,262 25,143		1,809	6,008,194	94,843	4,451,903	5,468,950	
1998 780,762 755,619	260,818		1,351	6,270,363	97,964	4,616,108	5,652,416	
1999 780,762 755,619	165,899		2,820	6,439,082	27,654	4,757,173	5,750,034	
2000 780,762 755,619	180,004		1,462	6,620,548	24,536	4,914,103	5,914,832	
2001 780,762 745,516	502,464 10,103			7,123,012	29,338	5,387,229	6,348,956	
2002 780,762 745,516			26,120	7,149,132	74,622	5,338,727	6,309,070	
2003 780,762 745,516			119,089	7,268,221	110	5,457,706	6,198,318	
2004 780,762 744,762	754		17,815	7,286,036	66,756	5,408,765	6,081,027	
2005 780,762			80,304	7,366,340	106,089	5,382,980	6,006,876	

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744,762						
2006		18,463	7,384,803	91,518	5,309,925	5,969,311
780,762						
744,762						
2007		45,943	7,430,746	78,732	5,277,136	5,808,653
780,762						
744,762						
2008		38,941	7,469,687	78,048	5,238,029	5,638,974
780,762	2,950					
741,812						
2009		32,247	7,501,934	94,372	5,175,904	5,582,340
780,762	7,598					
734,214						
2010		37,223	7,539,157	105,827	5,107,300	5,553,293
787,704						
741,156						
2011		98,387	7,637,544	109,719	5,095,968	5,601,282
825,234						
778,686						
2012		9,721	7,647,265	121,073	4,984,616	5,500,068
831,800	806					
784,446						
2013		169,570	7,816,835	278,970	4,875,216	5,493,228
835,276	45,073					
742,849						
2014		12,633	7,829,468	294,583	4,593,266	5,410,518
855,069	46,353					
716,289						
2015		16,408	7,845,876	312,225	4,297,449	5,272,417
860,176	52,846					
668,550						
2016		26,222	7,872,098	343,488	3,980,183	5,171,320
865,570	62,214					
611,730						
2017		119,648	7,991,746	472,250	3,627,581	5,214,352
900,823	63,813					

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583,170							
2018		251,348	8,243,094	709,633	3,169,296	5,365,844	
952,010	23,819						
610,538							
2019		15,093	8,258,187	523,149	2,661,240	5,199,178	
962,912	66,726						
554,714							
2020		21,959	8,280,146	588,244	2,094,955	5,066,312	
984,170	33,600						
542,372							
2021		69,372	8,349,518	640,533	1,523,794	5,008,797	1
,023,377	17,692						
563,887							
2022		112,460	8,461,978	681,078	955,176	5,047,423	1
,062,426	16,067						
586,869							
2023		89,479	8,551,457	720,391	324,264	4,937,847	1
,091,506	9,673						
606,276							
2024		15,115	8,566,572	339,379		4,944,644	1
,133,312	295,532						
352,550							
2025		94,534	8,661,106	94,534		4,774,607	1
,153,349							
372,587							
2026		7,436	8,668,542	7,436		4,531,825	1
,186,577							
405,815							
2027		114,846	8,783,388	114,846		4,523,502	1
,218,805							
438,043							
2028		190,643	8,974,031	190,643		4,420,173	1
,252,191							
471,429							
2029		73,385	9,047,416	73,385		4,224,184	1
,296,988							
516,226							

		Prtg.txt			
2030 ,326,951 546,189	8,240	9,055,656	8,240	4,210,849	1
2031 ,356,914 576,152	7,637	9,063,293	7,637	4,166,215	1
2032 ,387,034 606,272	45,319	9,108,612	45,319	3,968,963	1
2033 ,427,458 646,696	35,287	9,143,899	35,287	3,649,232	1
2034 ,467,882 687,120	12,546	9,156,445	12,546	3,643,157	1
2035 ,497,089 716,327	54,226	9,210,671	54,226	3,635,247	1
2036 ,525,638 744,876	3,345	9,214,016	3,345	3,635,171	1
2037 ,554,346 773,584	88,950	9,302,966	88,950	3,632,507	1
2038 ,583,656 802,894	13,182	9,316,148	13,182	3,611,904	1
2039 ,612,967 832,205	55,898	9,372,046	55,898	3,654,735	1
2040 ,646,802 866,040	44,752	9,416,798	44,752	3,651,896	1
2041 ,680,638 899,876	36,428	9,453,226	36,428	3,608,302	1

			Prtg.txt			
2042	19,015	9,472,241	19,015	3,577,458	1	
,715,332						
934,570						
2043	49,377	9,521,618	49,377	3,391,417	1	
,750,027						
969,265						
2044	4,885	9,526,503	4,885	3,271,989	1	
,782,968						
1,002,206						
2045	17,242	9,543,745	17,242	3,114,942	1	
,815,909						
1,035,147						
2046	93,218	9,636,963	93,218	2,862,934	1	
,849,008						
1,068,246						
2047	199,581	9,836,544	199,581	2,856,883	1	
,888,733						
1,107,971						
2048	149,716	9,986,260	149,716	2,694,645	1	
,928,616						
1,147,854						
2049	21,484	10,007,744	21,484	2,641,930	1	
,968,499						
1,187,737						
2050	31,388	10,039,132	31,388	2,584,163	1	
,991,755						
1,210,993						
2051	15,564	10,054,696	15,564	2,208,504	2	
,015,170						
1,234,408						
0 TOTALS	6,928,206	3,126,490	10,054,696			
	780,762					

LINES MAY NOT ADD ACROSS BECAUSE OF ROUND OFF ERRORS

1

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 2001

REPAYMENT STUDY FOR 199

(ALL AMOUNTS IN \$1000)

	2004	2005	1997	1998	1999	2000	2001	2002	20
03									
2006									
BUREAU OF RECLAMATION									
BOISE			193	208	222	236	241	305	3
67	365	365							
365									
COLUMBIA BASIN			2,003	2,216	2,334	2,511	2,796	1,983	3,4
50	4,918	4,918							
4,918									
COLUMBIA BASIN - 3RD			28,578	28,578	28,578	28,578	28,578	28,578	28,5
78	28,578	28,578							
28,578									
HUNGRY HORSE			1,781	1,811	1,827	1,839	1,822	1,100	2,3
20	3,845	3,845							
3,845									
MINIDOKA			1,724	3,264	3,278	3,280	3,280	3,390	3,5
01	3,501	3,501							
3,501									
YAKIMA-CHANDLER			83	83	83	83	83	83	
83	83	83							
199									
YAKIMA-ROZA			62	63	65	65	65	65	
71	76	76							
76									

			Prtg.txt					
TOTAL BUREAU	34,424	36,223	36,387	36,592	36,865	35,504	38,3	
70 41,366	41,366							
41,482								
CORPS OF ENGINEERS								
ALBENI FALLS	1,342	1,353	1,353	1,353	1,353	1,353	1,3	
56 1,360	1,517							
543								
BONNEVILLE	5,192	6,332	7,393	8,148	8,674	8,824	8,8	
25 8,825	8,825							
8,827								
BONNEVILLE - 2ND POW	25,688	25,688	25,688	25,688	25,688	25,688	25,6	
88 25,688	25,688							
25,688								
CHIEF JOSEPH	20,989	21,000	21,000	21,000	21,000	21,036	21,0	
82 21,091	21,091							
20,945								
COUGAR	666	666	666	666	666	666	6	
66 712	757							
757								
COLUMBIA RIVER FISH	8,925	15,556	20,907	23,224	34,815	45,204	45,2	
04 45,204	45,204							
45,204								
DETROIT-BIG CLIFF	1,504	1,504	1,504	1,504	1,504	1,505	1,3	
14 1,431	234							
234								
DWORSHAK	10,214	10,218	10,218	10,218	10,218	10,218	10,3	
04 10,390	10,391							
10,392								
GREEN PETER-FOSTER	1,784	1,787	1,787	1,787	1,787	1,893	2,0	
52 2,104	2,104							
2,104								
HILLS CREEK	671	671	671	671	671	716	7	
63 763	763							
763								
ICE HARBOR FISH BYPA								
ICE HARBOR	4,751	4,795	4,795	4,795	4,795	5,164	5,5	

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33	5,533	5,534							
5,534									
JOHN DAY			15,811	15,816	15,816	15,816	15,816	15,816	15,8
16	15,816	17,093							
18,374									
LIBBY			16,924	16,968	16,968	16,968	16,968	16,968	16,9
68	16,970	16,971							
17,021									
LITTLE GOOSE FISH BY									
LITTLE GOOSE			8,558	8,558	8,558	8,558	8,558	8,558	8,5
60	8,562	8,562							
8,916									
LOWER GRANITE FISH B									
LOWER MONUMENTAL FIS									
LOOKOUT POINT-DEXTER			2,193	2,193	2,193	2,193	2,193	2,193	2,1
94	2,195	2,337							
563									
LOST CREEK			989	989	989	989	989	993	9
98	998	998							
998									
LOWER GRANITE			12,095	12,095	12,095	12,095	12,095	12,095	12,0
99	12,103	12,216							
12,330									
LOWER MONUMENTAL			8,792	8,798	8,798	8,798	8,798	8,798	8,7
98	9,090	9,380							
9,380									
MCNARY			10,908	10,908	10,908	10,908	10,908	10,908	10,9
13	10,918	9,011							
6,390									
MCNARY FISH BYPASS									
STRUBE									
THE DALLES			11,609	11,625	11,625	11,625	11,625	11,625	11,6
75	11,760	11,796							
11,796									

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TOTAL CORPS			169,605	177,520	183,932	187,004	199,121	210,221	210,8
08	211,513	210,472							
206,759									
LOWER SNAKE F AND W			15,826	16,038	16,129	16,135	16,135	16,135	16,3
09	16,500	16,516							
16,516									
BONNEVILLE POWER ADM									
TOTAL APPROPRIATIONS			219,855	229,781	236,448	239,731	252,121	261,860	265,4
87	269,379	268,354							
264,757									
BPA BORROWING									
BPA PROGRAM			4,808	5,529	5,574	6,340	7,200	7,595	7,5
91	7,584	7,577							
7,569									
BPA CONSERVATION			52,356	50,133	46,522	48,684	48,922	49,892	44,1
83	44,183	43,972							
43,972									
FISH, WILDLIFE & ENV			7,836	9,591	11,316	10,799	12,509	13,361	13,3
61	13,361	13,361							
13,361									
BUREAU DIRECT FUND			6,098	7,142	8,778	11,634	15,112	16,927	16,9
27	16,927	16,927							
16,927									
IRRIGATION ASSISTANC									
PREMIUMS			191	3,714	32	804	4	3	
4	47	5							
234									
OLESS									
0 AFUDC									

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0 INTEREST INCOME	18,859	18,751	16,416	16,456	17,562	19,136	16,5
52 19,051 20,362							
19,733							
0TOTAL BPA BORROWING	52,430	57,358	55,806	61,805	66,185	68,642	65,5
14 63,051 61,480							
62,330							

TOTALS	272,285	287,139	292,254	301,536	318,306	330,502	331,0
01 332,430 329,834							
327,087							
1							

SUMMARY OF INTEREST EXPENSE GENERATION FY 2001 REPAYMENT STUDY FOR 199
 6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2007	2008	2009	2010	2011	2012	20
13 2014 2015							
2016							
BUREAU OF RECLAMATION							
BOISE	391	416	416	416	416	415	4
09 404 400							
399							
COLUMBIA BASIN	5,121	5,419	5,512	5,512	5,512	5,509	6,9
81 8,453 8,453							
8,453							
COLUMBIA BASIN - 3RD	28,578	28,578	28,578	28,578	28,578	28,578	28,5
78 28,578 28,578							

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22,576									
HUNGRY HORSE			3,845	3,845	3,845	3,845	3,845	3,837	3,8
81	3,924	3,924							
3,924									
MINIDOKA			3,911	4,330	4,310	4,310	4,305	4,305	4,3
05	4,305	4,305							
4,305									
YAKIMA-CHANDLER			313	313	313	313	313	313	3
13	313	313							
320									
YAKIMA-ROZA			71	84	62	62	62	62	
62	62	62							
62									
TOTAL BUREAU			42,230	42,985	43,036	43,036	43,031	43,019	44,5
29	46,039	46,035							
40,039									
CORPS OF ENGINEERS									
ALBENI FALLS			543	543	543	543	538	538	5
38	538	597							
589									
BONNEVILLE			8,946	9,063	9,063	9,063	11,083	13,132	13,1
68	13,172	13,172							
12,196									
BONNEVILLE - 2ND POW			25,688	25,688	25,688	25,688	25,688	25,688	25,6
88	25,688	25,688							
25,688									
CHIEF JOSEPH			20,437	18,242	15,776	15,776	15,775	15,775	17,5
91	19,406	19,406							
17,229									
COUGAR			757	757	758	759	759	759	7
59	781	136							
136									
COLUMBIA RIVER FISH			45,204	45,204	45,204	45,204	45,204	45,204	45,2
04	45,204	45,204							
45,204									
DETROIT-BIG CLIFF			234	234	234	235	234	234	2

34	248	261							
261									
DWORSHAK			10,392	10,741	11,091	11,093	11,093	11,093	11,4
11	11,716	11,716							
11,716									
GREEN PETER-FOSTER			2,164	2,272	2,321	2,321	2,321	2,347	2,3
90	2,412	2,412							
2,412									
HILLS CREEK			778	794	794	794	794	812	1
68	168	168							
168									
ICE HARBOR FISH BYPA									
ICE HARBOR			5,562	5,589	5,589	5,590	5,771	6,109	3,1
22	3,122	3,121							
1,789									
JOHN DAY			18,379	18,379	18,379	19,195	20,007	20,007	20,0
07	20,007	20,062							
20,115									
LIBBY			17,071	17,071	17,071	17,078	17,360	17,631	17,6
31	17,631	10,429							
6,338									
LITTLE GOOSE FISH BY									
LITTLE GOOSE			9,270	9,299	9,327	9,327	9,637	9,946	10,2
23	10,498	10,498							
10,538									
LOWER GRANITE FISH B									
LOWER MONUMENTAL FIS									
LOOKOUT POINT-DEXTER			563	563	563	563	563	563	5
63	563	594							
617									
LOST CREEK			999	1,001	1,001	1,001	1,001	1,044	1,0
87	1,087	1,087							
104									
LOWER GRANITE			12,331	12,341	12,349	12,588	12,826	12,826	13,1
06	13,387	13,639							

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11,781								
LOWER MONUMENTAL	9,380	9,380	9,687	9,993	9,994	9,993	9,9	
93 10,315 10,638								
10,638								
MCNARY	3,542	1,335	1,335	1,335	1,338	1,335	1,3	
35 1,335 1,389								
1,429								
MCNARY FISH BYPASS								
STRUBE								
THE DALLES	11,798	12,336	11,216	9,306	6,645	5,795	6,2	
80 6,767 6,769								
6,766								
TOTAL CORPS	204,038	200,832	197,989	197,452	198,631	200,831	200,4	
98 204,045 196,986								
185,714								
LOWER SNAKE F AND W	16,533	16,580	16,607	16,607	16,622	16,607	16,7	
29 16,794 16,797								
16,794								
BONNEVILLE POWER ADM								
TOTAL APPROPRIATIONS	262,801	260,397	257,632	257,095	258,284	260,457	261,7	
56 266,878 259,818								
242,547								
BPA BORROWING								
BPA PROGRAM	7,563	7,554	7,542	7,315	7,315	6,660	6,6	
60 4,638 2,660								
2,660								
BPA CONSERVATION	43,295	43,295	43,295	39,631	36,446	34,365	31,9	
16 20,093 12,969								

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12,969								
FISH, WILDLIFE & ENV	11,971	11,971	11,971	11,971	10,322	8,654	6,8	
72 5,144 3,421								
1,704								
BUREAU DIRECT FUND	16,927	16,927	16,927	16,927	16,927	14,302	14,3	
02 10,229 9,342								
9,342								
IRRIGATION ASSISTANC								
PREMIUMS	5	7	168	478	1,217	367	4,5	
45 2,081								
0LESS								
0 AFUDC								
0 INTEREST INCOME	19,172	19,167	19,811	19,870	19,989	20,338	27,5	
38 27,879 28,199								
28,988								
0TOTAL BPA BORROWING	60,589	60,587	60,092	56,452	52,238	44,010	36,7	
57 14,306 193								
-2,313								
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TOTALS	323,390	320,984	317,724	313,547	310,522	304,467	298,5	
13 281,184 260,011								
240,234								
1								

SUMMARY OF INTEREST EXPENSE GENERATION FY 2001 REPAYMENT STUDY FOR 199
6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

2017 2018 2019 2020 2021 2022 20

23 2024 2025
2026

BUREAU OF RECLAMATION

BOISE	422	429	429	262	262	235	1
88 147							
COLUMBIA BASIN	9,516	15,779	20,918	19,990	19,976	20,576	18,3
65 6,080							
COLUMBIA BASIN - 3RD	17,259	13,534	2,802	2,802			
HUNGRY HORSE	3,924	3,772	3,407	3,210	3,199	3,137	7
24 634							
MINIDOKA	4,498	4,690	4,678	1,490	1,490	1,534	5
17 262							
YAKIMA-CHANDLER	322	322	322	322	322	239	
59 59							
15							
YAKIMA-ROZA	62	62	62	62	62	37	
26 6							
TOTAL BUREAU	36,003	38,588	32,618	28,138	25,311	25,758	19,8
79 7,188							
15							

CORPS OF ENGINEERS

ALBENI FALLS	589	589	484	375	375	375	2
51 251 254							
BONNEVILLE	14,280	16,223	15,849	11,701	13,499	14,146	7,9
49 627 4							
2							
BONNEVILLE - 2ND POW	25,688	8,320					
CHIEF JOSEPH	9,476	6,382	7,104	7,028	7,028	7,028	1,0
71 468							
COUGAR	136	136	136	136	136	136	
49 16							
COLUMBIA RIVER FISH	45,204	45,204	42,281	33,885	33,885	20,777	20,7

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77	6,032							
	DETROIT-BIG CLIFF	261	262	261	261	261	261	
76	500							
1	DWORSHAK	11,716	11,782	11,615	11,511	3,052	1,498	6
28	780							
	GREEN PETER-FOSTER	2,469	1,680	769	769	766	450	2
46	143							
	HILLS CREEK	168	159	159	159	159	173	
65	37							
	ICE HARBOR FISH BYPA							
	ICE HARBOR	1,917	1,918	1,882	1,722	1,723	1,806	4
56	233							
37	JOHN DAY	20,115	20,119	18,541	10,479	9,122	2,872	8
65	349	1						
	LIBBY	6,726	6,504	5,214	5,158	1,967	1,919	1
62	162	207						
157	LITTLE GOOSE FISH BY							
	LITTLE GOOSE	7,073	7,354	7,506	7,216	5,807	2,788	4
45	240							
	LOWER GRANITE FISH B							
	LOWER MONUMENTAL FIS							
	LOOKOUT POINT-DEXTER	617	617	586	346	346	346	
93	93	357						
	LOST CREEK	139	175	169	169	169	183	
44	15							
	LOWER GRANITE	10,859	11,003	11,228	10,787	2,198	2,160	3
02	292	75						
	LOWER MONUMENTAL	7,742	7,742	7,945	6,421	2,524	1,945	8
19	203	2						
	MCNARY	1,429	1,430	1,395	1,297	1,297	1,297	1
65	165	1,782						
	MCNARY FISH BYPASS							

STRUBE							
THE DALLES	6,766	6,816	6,802	5,595	3,504	3,505	1,7
41 508							
TOTAL CORPS	173,370	154,415	139,926	115,015	87,818	63,665	36,2
04 11,114 2,682							
197							
LOWER SNAKE F AND W	16,794	16,842	1,728	906	906	723	9
13 534 15							
BONNEVILLE POWER ADM							
TOTAL APPROPRIATIONS	226,167	209,845	174,272	144,059	114,035	90,146	56,9
96 18,836 2,697							
212							
BPA BORROWING							
BPA PROGRAM	2,660	2,660	2,660	2,660	1,729		
BPA CONSERVATION	12,969	9,151	6,382	3,908	1,940		
FISH, WILDLIFE & ENV							
BUREAU DIRECT FUND	9,342	9,342	9,342	9,342	6,956		
IRRIGATION ASSISTANC							
PREMIUMS				1,769	4,730		
OLESS							
0 AFUDC							

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0 INTEREST INCOME	32,951	39,227	32,903	32,983	33,217	33,391	33,3	
83 33,872	33,904							
33,925								
0TOTAL BPA BORROWING	-7,980	-18,074	-14,519	-15,304	-17,862	-33,391	-33,3	
83 -33,872	-33,904							
-33,925								
-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTALS	218,187	191,771	159,753	128,755	96,173	56,755	23,6	
13 -15,036	-31,207							
-33,713								
1								

SUMMARY OF INTEREST EXPENSE GENERATION FY 2001 REPAYMENT STUDY FOR 199
6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
BUREAU OF RECLAMATION										
BOISE	305					26				
COLUMBIA BASIN	1,322	4,589								
COLUMBIA BASIN - 3RD										
HUNGRY HORSE		298								1
84 MINIDOKA	20									66

YAKIMA-CHANDLER					26		
17							
YAKIMA-ROZA			2				
3							
TOTAL BUREAU	1,647	4,889			26	92	1
87							
17							
CORPS OF ENGINEERS							
ALBENI FALLS		3		67			
72							
BONNEVILLE		68			105	493	
2							
BONNEVILLE - 2ND POW							
CHIEF JOSEPH	1,499	330				145	
COUGAR							
70							
COLUMBIA RIVER FISH							
DETROIT-BIG CLIFF				33			
180							
DWORSHAK				1			1
82							
GREEN PETER-FOSTER	31	23					
HILLS CREEK						66	
ICE HARBOR FISH BYPA							
ICE HARBOR						475	
1							
5							

JOHN DAY					93			
	1							
LIBBY					5			2
	142							
67								
LITTLE GOOSE FISH BY								
LITTLE GOOSE		2	78			62		
	1							
LOWER GRANITE FISH B								
LOWER MONUMENTAL FIS								
LOOKOUT POINT-DEXTER		1			29			
	234							
LOST CREEK		20						
LOWER GRANITE			49			2		
	142							
LOWER MONUMENTAL				120				1
1								
MCNARY		5			39			1
	952							
MCNARY FISH BYPASS								
STRUBE								
THE DALLES				1,940		2		1
03	105							
1								
TOTAL CORPS		1,629	480	2,094	233	171	1,183	2
86	357	1,544						
75								
LOWER SNAKE F AND W			62			17	15	5
28								

BONNEVILLE POWER ADM

TOTAL APPROPRIATIONS			3,276	5,431	2,094	233	214	1,290	1,0
01	357	1,544							
92									

BPA BORROWING

BPA PROGRAM

BPA CONSERVATION

FISH, WILDLIFE & ENV

BUREAU DIRECT FUND

IRRIGATION ASSISTANC

PREMIUMS

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0 INTEREST INCOME			33,925	33,925	33,925	33,961	33,961	33,961	33,9
61	33,961	33,961							
	33,961								
0TOTAL BPA BORROWING			-33,925	-33,925	-33,925	-33,961	-33,961	-33,961	-33,9
61	-33,961	-33,961							
	-33,961								

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TOTALS			-30,649	-28,494	-31,831	-33,728	-33,747	-32,671	-32,9
60	-33,604	-32,417							
	-33,869								
1									

SUMMARY OF INTEREST EXPENSE
6 FINAL RATE PROPOSAL

GENERATION FY 2001

REPAYMENT STUDY FOR 199

(ALL AMOUNTS IN \$1000)

			2037	2038	2039	2040	2041	2042	20
43	2044	2045							
2046									

BUREAU OF RECLAMATION

BOISE

COLUMBIA BASIN 1,332 240

COLUMBIA BASIN - 3RD

HUNGRY HORSE 2

06	MINIDOKA	227						52	
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YAKIMA-CHANDLER

26	YAKIMA-ROZA		3						
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	TOTAL BUREAU	1,559	243					52	2
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26

CORPS OF ENGINEERS

ALBENI FALLS 3

	32					
BONNEVILLE		4			684	30
2,088						
BONNEVILLE - 2ND POW						
CHIEF JOSEPH		777	23			
COUGAR				5		
46						
COLUMBIA RIVER FISH						
DETROIT-BIG CLIFF						1
11						
DWORSHAK		1				3
54	2					
GREEN PETER-FOSTER		107	52			38
25						
HILLS CREEK		17				45
ICE HARBOR FISH BYPA						
ICE HARBOR		67				369
182						
JOHN DAY					1,278	4
LIBBY	152			2		
5						
277						
LITTLE GOOSE FISH BY						
LITTLE GOOSE			34		354	
1						
70						
LOWER GRANITE FISH B						
LOWER MONUMENTAL FIS						

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LOOKOUT POINT-DEXTER	17							1
LOST CREEK		3						
LOWER GRANITE			19					1
LOWER MONUMENTAL	263							1
80								
1								
MCNARY								4
2	17							
1								
MCNARY FISH BYPASS								
STRUBE								
THE DALLES								5
35	1							
TOTAL CORPS		976	128	1,576	1,278	1,039	487	9
17	138	488						
2,619								
LOWER SNAKE F AND W			1	18				2
81								
15								
BONNEVILLE POWER ADM								
TOTAL APPROPRIATIONS		2,535	372	1,594	1,278	1,039	539	1,4
04	138	488						
2,660								
BPA BORROWING								
BPA PROGRAM								

BPA CONSERVATION
 FISH, WILDLIFE & ENV
 BUREAU DIRECT FUND
 IRRIGATION ASSISTANC
 PREMIUMS

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0 INTEREST INCOME	33,961	33,961	33,961	33,961	33,961	33,961	33,9
61 33,961 33,961							
33,961							
0TOTAL BPA BORROWING	-33,961	-33,961	-33,961	-33,961	-33,961	-33,961	-33,9
61 -33,961 -33,961							
-33,961							
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TOTALS	-31,426	-33,589	-32,367	-32,683	-32,922	-33,422	-32,5
57 -33,823 -33,473							
-31,301							
1							

SUMMARY OF INTEREST EXPENSE GENERATION FY 2001 REPAYMENT STUDY FOR 199
 6 FINAL RATE PROPOSAL

(ALL AMOUNTS IN \$1000)

2047 2048 2049 2050 2051

BUREAU OF RECLAMATION

BOISE	28	
COLUMBIA BASIN	5,401	1,472
COLUMBIA BASIN - 3RD		
HUNGRY HORSE		
MINIDOKA	113	
YAKIMA-CHANDLER		
YAKIMA-ROZA		6
TOTAL BUREAU	5,542	1,478

CORPS OF ENGINEERS

ALBENI FALLS				3
BONNEVILLE	1		4	5
BONNEVILLE - 2ND POW				
CHIEF JOSEPH	37	1,816		
COUGAR				
COLUMBIA RIVER FISH				
DETROIT-BIG CLIFF				1
DWORSHAK		287		
GREEN PETER-FOSTER	60	49		
HILLS CREEK				
ICE HARBOR FISH BYPA				
ICE HARBOR				1
JOHN DAY			816	
LIBBY				116
LITTLE GOOSE FISH BY				
LITTLE GOOSE		306		310
LOWER GRANITE FISH B				
LOWER MONUMENTAL FIS				
LOOKOUT POINT-DEXTER				1
LOST CREEK	43			
LOWER GRANITE	2	280		76
LOWER MONUMENTAL			573	
MCNARY				5
MCNARY FISH BYPASS				

Prtg.txt

STRUBE					
THE DALLES	2	56	35	1	
TOTAL CORPS	145	2,794	612	895	441
LOWER SNAKE F AND W	3	1			
BONNEVILLE POWER ADM					
TOTAL APPROPRIATIONS	5,690	4,273	612	895	441
BPA BORROWING					
BPA PROGRAM					
BPA CONSERVATION					
FISH, WILDLIFE & ENV					
BUREAU DIRECT FUND					
IRRIGATION ASSISTANC					
PREMIUMS					
0 LESS					
0 AFUDC					
0 INTEREST INCOME	33,961	33,961	33,961	33,961	33,961
0 TOTAL BPA BORROWING	-33,961	-33,961	-33,961	-33,961	-33,961
TOTALS	-28,271	-29,688	-33,349	-33,066	-33,520

SUMMARY OF INTEREST EXPENSE GENERATION FY 2001 REPAYMENT STUDY FOR 199

6 FINAL RATE PROPOSAL

TOTALS

BUREAU OF RECLAMATION

BOISE	9,682
COLUMBIA BASIN	242,528
COLUMBIA BASIN - 3RD	601,955
HUNGRY HORSE	85,445
MINIDOKA	94,548
YAKIMA-CHANDLER	6,134
YAKIMA-ROZA	1,728

TOTAL BUREAU	1,042,020
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CORPS OF ENGINEERS

ALBENI FALLS	22,116
BONNEVILLE	289,687
BONNEVILLE - 2ND POW	547,768
CHIEF JOSEPH	435,859
COUGAR	14,251
COLUMBIA RIVER FISH	1,029,532
DETROIT-BIG CLIFF	17,017
DWORSHAK	268,252
GREEN PETER-FOSTER	50,238
HILLS CREEK	13,768
ICE HARBOR FISH BYPA	
ICE HARBOR	109,388
JOHN DAY	441,334
LIBBY	353,797
LITTLE GOOSE FISH BY	
LITTLE GOOSE	224,159
LOWER GRANITE FISH B	
LOWER MONUMENTAL FIS	
LOOKOUT POINT-DEXTER	29,846
LOST CREEK	20,471
LOWER GRANITE	298,230
LOWER MONUMENTAL	225,861
MCNARY	129,671
MCNARY FISH BYPASS	
STRUBE	
THE DALLES	239,717

TOTAL CORPS	4,760,962
LOWER SNAKE F AND W	369,211
 TOTAL APPROPRIATIONS	 6,172,193
 BONNEVILLE POWER ADM	
 BPA BORROWING	
BPA PROGRAM	140,303
BPA CONSERVATION	825,443
FISH, WILDLIFE & ENV	202,857
BUREAU DIRECT FUND	319,875
IRRIGATION ASSISTANC	
PREMIUMS	20,405
0 LESS	
0 AFUDC	
0 INTEREST INCOME	1,602,502
0 TOTAL BPA BORROWING	-93,619

TOTALS	6,078,574

1
1

APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT						
+	_____	_____	_____	_____	_____	_____

		Prtg.txt				
1997	BPA CONSERVATION	1992	1997	80,200	80,200	.05800
	80,200					
	BPA PROGRAM	1992	2032	2,479	2,479	.08800
	2,479					
	BPA CONSERVATION	1994	1998	32,699	32,699	.07100
	12,164					

	TOTAL					
	94,843					
1998	BPA CONSERVATION	1994	1998	32,699	20,535	.07100
	20,535					
	BPA PROGRAM	1993	2033	11,016	11,016	.08350
	11,016					
	BPA CONSERVATION	1993	2013	50,000	50,000	.08050
	3,650					
	BPA CONSERVATION	1992	2007	100,000	100,000	.07140
	62,763					

	TOTAL					
	97,964					
1999	BPA PROGRAM	1989	1999	424	424	.08950
	424					
	BPA PROGRAM	1989	1999	1,410	1,410	.08950
	1,410					
R	FISH, WILDLIFE & ENVIRONMENTAL	1989	1999	25,000	25,000	.08950
	25,000					
	BPA CONSERVATION	1993	2013	50,000	46,350	.08050
	48					
	BPA CONSERVATION	1992	2007	100,000	37,237	.07140
	772					

	TOTAL					
	27,654					

		Prtg.txt				
2000	BPA PROGRAM	1990	2030	29	29	.09250
	29					
	BPA PROGRAM	1990	2030	96	96	.09250
R	16					
	BPA CONSERVATION	1992	2007	100,000	36,465	.07140
	24,034					
	HUNGRY HORSE	1956	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1955	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1954	2003	18	18	.05950
R	18					
	HUNGRY HORSE	1953	2003	17,228	17,228	.05950
	403					

	TOTAL					
	24,536					
2001	COLUMBIA BASIN	1958	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1959	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1960	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1961	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1962	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1963	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1964	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1965	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1966	2001	270	270	.05810
R	270					
	COLUMBIA BASIN	1967	2001	269	269	.05810
R	269					

		Prtg.txt				
	COLUMBIA BASIN	1968	2001	269	269	.05810
R	269					
	COLUMBIA BASIN	1969	2001	269	269	.05810
R	269					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	COLUMBIA BASIN		1970	2001	269	269	.05810
R	269						
	COLUMBIA BASIN		1971	2001	270	270	.05810
R	270						
	COLUMBIA BASIN		1972	2001	269	269	.05810
R	269						
	COLUMBIA BASIN		1973	2001	269	269	.05810
R	269						
	COLUMBIA BASIN		1974	2001	269	269	.05810
R	269						
	COLUMBIA BASIN		1975	2001	269	269	.05810
R	269						
	COLUMBIA BASIN		1976	2001	270	270	.05810
R	270						
	COLUMBIA BASIN		1977	2001	269	269	.05810
R	269						
	COLUMBIA BASIN		1978	2001	269	269	.05810
R	269						
	COLUMBIA BASIN		1979	2001	269	269	.05810

		Prtg.txt				
R	269 COLUMBIA BASIN	1980	2001	269	269	.05810
R	269 COLUMBIA BASIN	1981	2001	270	270	.05810
R	270 COLUMBIA BASIN	1982	2001	269	269	.05810
R	269 COLUMBIA BASIN	1983	2001	269	269	.05810
R	269 COLUMBIA BASIN	1985	2001	245	245	.05810
	245 BOISE	1986	2001	93	93	.05810
	93 COLUMBIA BASIN	1986	2001	132	132	.05810
	132 COLUMBIA BASIN	1987	2001	13	13	.05810
	13 COLUMBIA BASIN	1951	2001	8,025	8,025	.05810
	8,025 COLUMBIA BASIN	1952	2001	269	269	.05810
R	269 COLUMBIA BASIN	1953	2001	269	269	.05810
R	269 COLUMBIA BASIN	1954	2001	269	269	.05810
R	269 COLUMBIA BASIN	1955	2001	269	269	.05810
R	269 COLUMBIA BASIN	1957	2001	269	269	.05810
R	269 COLUMBIA BASIN	1956	2001	270	270	.05810
R	270 BOISE	1996	2001	1	1	.05810
	1 GREEN PETER-FOSTER	1996	2001	8	8	.05810
	8 MINIDOKA	1996	2001	10	10	.05810
	10 BPA PROGRAM	1990	2030	96	80	.09250
R	62					

HUNGRY HORSE	Prtg.txt	2003	17,228	16,825	.05950
12,135	1953				

TOTAL					
29,338					

1

APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT						
+						
2002	BPA CONSERVATION	1989	2002	66,000	66,000	.08650
	66,000					
	HUNGRY HORSE	1997	2002	6	6	.05810
	6					
	BPA PROGRAM	1990	2030	96	18	.09250
R	18					
	BPA PROGRAM	1990	2030	3,008	3,008	.09250
	27					
	HUNGRY HORSE	1953	2003	17,228	4,690	.05950
	4,690					
	DETROIT-BIG CLIFF	1953	2003	3,244	3,244	.05950
	3,244					
	HUNGRY HORSE	1983	2003	13	13	.05950
R	13					
	HUNGRY HORSE	1981	2003	19	19	.05950
R	19					

			Prtg.txt			
R	HUNGRY HORSE	19	1980	2003	19	19 .05950
R	HUNGRY HORSE	19	1979	2003	19	19 .05950
R	HUNGRY HORSE	19	1978	2003	19	19 .05950
R	HUNGRY HORSE	19	1977	2003	19	19 .05950
R	HUNGRY HORSE	18	1976	2003	18	18 .05950
R	HUNGRY HORSE	18	1975	2003	18	18 .05950
R	HUNGRY HORSE	18	1974	2003	18	18 .05950
R	HUNGRY HORSE	19	1973	2003	19	19 .05950
R	HUNGRY HORSE	19	1972	2003	19	19 .05950
R	HUNGRY HORSE	19	1971	2003	19	19 .05950
R	HUNGRY HORSE	19	1970	2003	19	19 .05950
R	HUNGRY HORSE	19	1969	2003	19	19 .05950
R	HUNGRY HORSE	19	1968	2003	19	19 .05950
R	HUNGRY HORSE	19	1967	2003	19	19 .05950
R	HUNGRY HORSE	18	1966	2003	18	18 .05950
R	HUNGRY HORSE	18	1965	2003	18	18 .05950
R	HUNGRY HORSE	18	1964	2003	18	18 .05950
R	HUNGRY HORSE	19	1963	2003	19	19 .05950
R	HUNGRY HORSE	19	1962	2003	19	19 .05950
R	HUNGRY HORSE	19	1961	2003	19	19 .05950

		Prtg.txt				
R		19				
	HUNGRY HORSE		1960	2003	19	.05950
R		19				
	HUNGRY HORSE		1959	2003	19	.05950
R		19				
	HUNGRY HORSE		1958	2003	19	.05950
R		19				
	HUNGRY HORSE		1957	2003	19	.05950
R		19				
	BOISE		1998	2003	193	.05440
R		155				

TOTAL
74,622

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	2003	BOISE	1998	2003	193	38	.05440
	R						
		BPA PROGRAM	1990	2030	3,008	2,981	.09250
		72					

TOTAL

110

2004		DETROIT-BIG CLIFF	1957	2004	19	19	.06000
	R	19					
		DETROIT-BIG CLIFF	1958	2004	20	20	.06000
	R	20					
		DETROIT-BIG CLIFF	1959	2004	19	19	.06000
	R	19					
		DETROIT-BIG CLIFF	1960	2004	20	20	.06000
	R	20					
		DETROIT-BIG CLIFF	1961	2004	19	19	.06000
	R	19					
		DETROIT-BIG CLIFF	1962	2004	20	20	.06000
	R	20					
		DETROIT-BIG CLIFF	1963	2004	19	19	.06000
	R	19					
		DETROIT-BIG CLIFF	1964	2004	20	20	.06000
	R	20					
		DETROIT-BIG CLIFF	1965	2004	19	19	.06000
	R	19					
		DETROIT-BIG CLIFF	1966	2004	20	20	.06000
	R	20					
		DETROIT-BIG CLIFF	1967	2004	19	19	.06000
	R	19					
		DETROIT-BIG CLIFF	1968	2004	20	20	.06000
	R	20					
		DETROIT-BIG CLIFF	1969	2004	19	19	.06000
	R	19					
		DETROIT-BIG CLIFF	1970	2004	20	20	.06000
	R	20					
		DETROIT-BIG CLIFF	1971	2004	19	19	.06000
	R	19					
		DETROIT-BIG CLIFF	1972	2004	20	20	.06000
	R	20					
		DETROIT-BIG CLIFF	1973	2004	19	19	.06000
	R	19					
		DETROIT-BIG CLIFF	1974	2004	20	20	.06000
	R	20					
		DETROIT-BIG CLIFF	1975	2004	19	19	.06000

		Prtg.txt					
R	19						
	DETROIT-BIG CLIFF	1976	2004	20	20	.06000	
R	20						
	HUNGRY HORSE	1999	2004	7	7	.05360	
	7						
	DETROIT-BIG CLIFF	1977	2004	19	19	.06000	
R	19						
	DETROIT-BIG CLIFF	1978	2004	20	20	.06000	
R	20						
	DETROIT-BIG CLIFF	1979	2004	19	19	.06000	
R	19						
	DETROIT-BIG CLIFF	1980	2004	20	20	.06000	
R	20						
	DETROIT-BIG CLIFF	1981	2004	19	19	.06000	
R	19						
	DETROIT-BIG CLIFF	1982	2004	20	20	.06000	
R	20						
	DETROIT-BIG CLIFF	1983	2004	19	19	.06000	
R	19						
	DETROIT-BIG CLIFF	1985	2004	6	6	.06000	
	6						
	DETROIT-BIG CLIFF	1987	2004	3	3	.06000	
	3						
	DETROIT-BIG CLIFF	1954	2004	21,373	21,373	.06000	
	21,373						
	MCNARY	1954	2004	37,904	37,904	.06000	
	37,904						
	DETROIT-BIG CLIFF	1955	2004	19	19	.06000	
R	19						
	DETROIT-BIG CLIFF	1956	2004	20	20	.06000	
R	20						
	BPA PROGRAM	1990	2030	3,008	2,909	.09250	
	77						

1

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	BPA CONSERVATION	2,946	1992	2007	100,000	12,431	.07140
	ALBENI FALLS	11	1957	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER	56	1956	2005	56	56	.06050
R	ALBENI FALLS	12	1956	2005	12	12	.06050
R	M McNARY	3,796	1955	2005	56,972	56,972	.06050
	TOTAL	66,756					
2005	LOOKOUT POINT-DEXTER	54	1957	2005	54	54	.06050
R	ALBENI FALLS	12	1958	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER	54	1958	2005	54	54	.06050
R	ALBENI FALLS	12	1959	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER	54	1959	2005	54	54	.06050
R	ALBENI FALLS	11	1960	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER	54	1960	2005	54	54	.06050

		Prtg.txt				
R	ALBENI FALLS	1961	2005	12	12	.06050
	12					
R	LOOKOUT POINT-DEXTER	1961	2005	55	55	.06050
	55					
R	ALBENI FALLS	1962	2005	12	12	.06050
	12					
R	LOOKOUT POINT-DEXTER	1962	2005	54	54	.06050
	54					
R	ALBENI FALLS	1963	2005	11	11	.06050
	11					
R	LOOKOUT POINT-DEXTER	1963	2005	54	54	.06050
	54					
R	ALBENI FALLS	1964	2005	12	12	.06050
	12					
R	LOOKOUT POINT-DEXTER	1964	2005	54	54	.06050
	54					
R	ALBENI FALLS	1965	2005	12	12	.06050
	12					
R	LOOKOUT POINT-DEXTER	1965	2005	54	54	.06050
	54					
R	ALBENI FALLS	1966	2005	11	11	.06050
	11					
R	LOOKOUT POINT-DEXTER	1966	2005	54	54	.06050
	54					
R	ALBENI FALLS	1967	2005	12	12	.06050
	12					
R	LOOKOUT POINT-DEXTER	1967	2005	55	55	.06050
	55					
R	ALBENI FALLS	1968	2005	12	12	.06050
	12					
R	LOOKOUT POINT-DEXTER	1968	2005	54	54	.06050
	54					
R	ALBENI FALLS	1969	2005	11	11	.06050
	11					
R	LOOKOUT POINT-DEXTER	1969	2005	54	54	.06050
	54					
R	ALBENI FALLS	1970	2005	12	12	.06050
	12					
R	LOOKOUT POINT-DEXTER	1970	2005	54	54	.06050

		Prtg.txt					
R	ALBENI FALLS	54	1971	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER	12	1971	2005	54	54	.06050
R	ALBENI FALLS	54	1972	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER	11	1972	2005	54	54	.06050
R	ALBENI FALLS	54	1973	2005	12	12	.06050
R		12					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
R	LOOKOUT POINT-DEXTER	1973	2005	55	55	.06050
R	ALBENI FALLS	1974	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER	1974	2005	54	54	.06050
R	ALBENI FALLS	1975	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER	1975	2005	54	54	.06050
R	ALBENI FALLS	1976	2005	12	12	.06050
R						

		Prtg.txt				
R	LOOKOUT POINT-DEXTER 54	1976	2005	54	54	.06050
R	ALBENI FALLS 12	1977	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1977	2005	54	54	.06050
R	ALBENI FALLS 11	1978	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54	1978	2005	54	54	.06050
R	ALBENI FALLS 12	1979	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 55	1979	2005	55	55	.06050
R	ALBENI FALLS 12	1980	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1980	2005	54	54	.06050
R	ALBENI FALLS 11	1981	2005	11	11	.06050
R	LOOKOUT POINT-DEXTER 54	1981	2005	54	54	.06050
R	ALBENI FALLS 12	1982	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1982	2005	54	54	.06050
R	ALBENI FALLS 12	1983	2005	12	12	.06050
R	LOOKOUT POINT-DEXTER 54	1983	2005	54	54	.06050
R	ALBENI FALLS 7	1985	2005	7	7	.06050
	LOOKOUT POINT-DEXTER 56	1985	2005	56	56	.06050
	ALBENI FALLS 312	1986	2005	312	312	.06050
	LOOKOUT POINT-DEXTER 45	1986	2005	45	45	.06050
	ALBENI FALLS	1987	2005	12	12	.06050

	Prtg.txt				
12					
LOOKOUT POINT-DEXTER	1987	2005	9	9	.06050
9					
ALBENI FALLS	1955	2005	17,950	17,950	.06050
17,950					
CHIEF JOSEPH	1955	2005	2,409	2,409	.06050
2,409					
LOOKOUT POINT-DEXTER	1955	2005	30,265	30,265	.06050
30,265					
MCNARY	1955	2005	56,972	53,176	.06050
53,176					
BPA PROGRAM	1990	2030	3,008	2,832	.09250
82					

TOTAL					
106,089					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	_____	_____					
2006	MCNARY	41,438	1956	2006	41,438	41,438	.06110
	CHIEF JOSEPH	14,590	1956	2006	14,590	14,590	.06110
	BPA PROGRAM		1990	2030	3,008	2,750	.09250

			Prtg.txt			
	73					
	BPA CONSERVATION	1992	2007	100,000	9,485	.07140
	9,485					
	FISH, WILDLIFE & ENVIRONMENTAL	1993	2008	20,000	20,000	.06950
	20,000					
	YAKIMA-ROZA	1987	2008	2	2	.06150
	2					
	MINIDOKA	1987	2008	17	17	.06150
	17					
	YAKIMA-ROZA	1986	2008	7	7	.06150
	7					
	MINIDOKA	1986	2008	23	23	.06150
	23					
	YAKIMA-ROZA	1985	2008	80	80	.06150
	80					
	MINIDOKA	1985	2008	23	23	.06150
	23					
	CHIEF JOSEPH	1985	2008	50	50	.06150
	50					
	MINIDOKA	1983	2008	71	71	.06150
R	71					
	CHIEF JOSEPH	1983	2008	243	243	.06150
R	243					
	MINIDOKA	1982	2008	81	81	.06150
R	81					
	CHIEF JOSEPH	1982	2008	242	242	.06150
R	213					
	MCNARY	1987	2007	26	26	.06130
	26					
	MCNARY	1986	2007	489	489	.06130
	489					
	MCNARY	1985	2007	599	599	.06130
	599					
	MCNARY	1983	2007	503	503	.06130
R	503					
	MCNARY	1982	2007	502	502	.06130
R	502					
	MCNARY	1981	2007	503	503	.06130
R	503					

		Prtg.txt				
R	MCNARY	503	1980	2007	503	.06130
R	MCNARY	503	1979	2007	503	.06130
R	MCNARY	503	1978	2007	503	.06130
R	MCNARY	502	1977	2007	502	.06130
R	MCNARY	489	1976	2007	503	.06130

TOTAL
91,518

2007	MCNARY	26,886	1957	2007	26,886	26,886	.06130
R	MCNARY	503	1958	2007	503	503	.06130
R	MCNARY	503	1959	2007	503	503	.06130
R	MCNARY	503	1960	2007	503	503	.06130
R	MCNARY	503	1961	2007	503	503	.06130
R	MCNARY	502	1962	2007	502	502	.06130
R	MCNARY	503	1963	2007	503	503	.06130
R	MCNARY	503	1964	2007	503	503	.06130
R	MCNARY	503	1965	2007	503	503	.06130
R	MCNARY	503	1966	2007	503	503	.06130

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
R	MCNARY	502	1967	2007	502	502	.06130
R	MCNARY	503	1968	2007	503	503	.06130
R	MCNARY	503	1969	2007	503	503	.06130
R	MCNARY	503	1970	2007	503	503	.06130
	CHIEF JOSEPH	42,597	1957	2007	42,597	42,597	.06130
R	MCNARY	503	1971	2007	503	503	.06130
R	MCNARY	503	1972	2007	503	503	.06130
R	MCNARY	502	1973	2007	502	502	.06130
R	MCNARY	503	1974	2007	503	503	.06130
R	MCNARY	503	1975	2007	503	503	.06130
R	MCNARY	14	1976	2007	503	14	.06130
	BPA PROGRAM	96	1990	2030	3,008	2,677	.09250
R	CHIEF JOSEPH	29	1982	2008	242	29	.06150
	MINIDOKA		1981	2008	81	81	.06150

R 59

TOTAL

78,732

2008	CHIEF JOSEPH	1958	2008	34,568	34,568	.06150
	34,568					
	THE DALLES	1958	2008	36,829	36,829	.06150
	36,829					
	YAKIMA-ROZA	1958	2008	577	577	.06150
	577					
R	CHIEF JOSEPH	1959	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1960	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1961	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1962	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1963	2008	243	243	.06150
	243					
R	CHIEF JOSEPH	1964	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1965	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1966	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1967	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1968	2008	243	243	.06150
	243					
R	CHIEF JOSEPH	1969	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1970	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1971	2008	242	242	.06150
	242					
R	CHIEF JOSEPH	1972	2008	242	242	.06150
	242					

		Prtg.txt				
R	242					
	CHIEF JOSEPH	1973	2008	243	243	.06150
R	243					
	CHIEF JOSEPH	1974	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1975	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1976	2008	242	242	.06150
R	242					
	CHIEF JOSEPH	1977	2008	242	242	.06150
R	242					
	MINIDOKA	1977	2008	61	61	.06150
R	61					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
REPLACEMENT						
CHIEF JOSEPH	243	1978	2008	243	243	.06150
R						
MINIDOKA	81	1978	2008	81	81	.06150
R						
CHIEF JOSEPH	242	1979	2008	242	242	.06150
R						
MINIDOKA	81	1979	2008	81	81	.06150
R						
CHIEF JOSEPH	242	1980	2008	242	242	.06150
R						

		Prtg.txt				
	MINIDOKA	1980	2008	81	81	.06150
R	81					
	CHIEF JOSEPH	1981	2008	242	242	.06150
R	242					
	LOWER SNAKE F AND W	2003	2008	47	47	.05425
R	47					
	MINIDOKA	1981	2008	81	22	.06150
R	22					
	BPA PROGRAM	1990	2030	3,008	2,581	.09250
	131					

	TOTAL					
	78,048					
2009	BPA CONSERVATION	1989	2009	40,000	40,000	.08550
	40,000					
	THE DALLES	2004	2009	42	42	.05425
R	42					
	THE DALLES	1959	2009	48,820	48,820	.05160
	48,820					
	DETROIT-BIG CLIFF	2004	2009	2	2	.05425
R	2					
	GREEN PETER-FOSTER	2002	2009	17	17	.05490
R	17					
	BPA PROGRAM	1990	2030	3,008	2,450	.09250
	2,450					
	BPA CONSERVATION	1993	2013	50,000	46,302	.08050
	3,041					

	TOTAL					
	94,372					
2010	FISH, WILDLIFE & ENVIRONMENTAL	1995	2010	22,900	22,900	.07200
	22,900					
	THE DALLES	1960	2010	43,044	43,044	.06180
	43,044					
	JOHN DAY	2005	2010	27	27	.05425

		Prtg.txt				
R	27					
	DETROIT-BIG CLIFF	2002	2010	30	30	.05517
R	30					
	ICE HARBOR	2002	2010	26	26	.05517
R	26					
	DETROIT-BIG CLIFF	2003	2010	5	5	.05490
R	5					
	LOWER GRANITE	2003	2010	24	24	.05490
R	24					
	ALBENI FALLS	1995	2010	57	57	.06180
	57					
	ALBENI FALLS	1995	2010	18	18	.06180
	18					
	BONNEVILLE	1995	2010	26	26	.06180
	26					
	CHIEF JOSEPH	1995	2010	16	16	.06180
	16					
	MINIDOKA	1995	2010	85	85	.06180
	85					
	THE DALLES	1995	2010	12	12	.06180
	12					
	BPA CONSERVATION	1993	2013	50,000	43,261	.08050
	39,557					

	TOTAL					
	105,827					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	Prtg.txt IN-SERVICE	DUE	GROSS	NET	RATE
2011	MCNARY		2004	2011	28	28	.05490
R		28					
	FISH, WILDLIFE & ENVIRONMENTAL	24,000	1996	2011	24,000	24,000	.06950
	LOWER SNAKE F AND W	561	2004	2011	561	561	.05490
R		561					
	THE DALLES	10,499	1961	2011	10,499	10,499	.06200
	LOWER MONUMENTAL	23	2004	2011	23	23	.05490
R		23					
	THE DALLES	62	1962	2011	62	62	.06200
R		62					
	THE DALLES	63	1963	2011	63	63	.06200
R		63					
	LOOKOUT POINT-DEXTER	15	2004	2011	15	15	.05490
R		15					
	THE DALLES	63	1964	2011	63	63	.06200
R		63					
	LIBBY	62	2004	2011	62	62	.05490
R		62					
	THE DALLES	62	1965	2011	62	62	.06200
R		62					
	ICE HARBOR	15	2004	2011	15	15	.05490
R		15					
	THE DALLES	63	1966	2011	63	63	.06200
R		63					
	THE DALLES	63	1967	2011	63	63	.06200
R		63					
	THE DALLES	62	1968	2011	62	62	.06200
R		62					
	THE DALLES	63	1969	2011	63	63	.06200
R		63					
	THE DALLES	63	1970	2011	63	63	.06200
R		63					

			Prtg.txt				
R	THE DALLES	62	1971	2011	62	62	.06200
R	THE DALLES	63	1972	2011	63	63	.06200
R	THE DALLES	63	1973	2011	63	63	.06200
R	THE DALLES	62	1974	2011	62	62	.06200
R	THE DALLES	63	1975	2011	63	63	.06200
R	BONNEVILLE	6	2004	2011	6	6	.05490
R	THE DALLES	63	1976	2011	63	63	.06200
R	THE DALLES	62	1977	2011	62	62	.06200
R	THE DALLES	63	1978	2011	63	63	.06200
R	MCNARY	59	2003	2011	59	59	.05517
R	THE DALLES	63	1979	2011	63	63	.06200
R	BOISE	13	1996	2011	13	13	.06200
R	THE DALLES	62	1980	2011	62	62	.06200
R	THE DALLES	63	1981	2011	63	63	.06200
R	THE DALLES	63	1982	2011	63	63	.06200
R	COLUMBIA BASIN	47	1996	2011	47	47	.06200
R	THE DALLES	62	1983	2011	62	62	.06200
R	HUNGRY HORSE	65	1996	2011	65	65	.06200
R	BONNEVILLE	80	2006	2011	80	80	.05425
R	THE DALLES	80	1985	2011	106	106	.06200

		Prtg.txt				
	106					
HUNGRY HORSE		1996	2011	64	64	.06200
	64					
THE DALLES		1986	2011	105	105	.06200
	105					

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
LOOKOUT POINT-DEXTER		2003	2011	6	6	.05517
R	6					
THE DALLES		1987	2011	1,567	1,567	.06200
	1,567					
LITTLE GOOSE		2003	2011	40	40	.05517
R	40					
BPA CONSERVATION		1993	2013	50,000	3,704	.08050
	3,704					
BPA PROGRAM		1995	2025	8,509	8,509	.07700
	8,509					
BUREAU DIRECT FUND		1995	2015	35,000	35,000	.07500
	35,000					
BPA CONSERVATION		1995	2015	85,000	85,000	.07500
	23,767					

TOTAL						
	109,719					

2012	FISH, WILDLIFE & ENVIRONMENTAL	1997	2012	27,000	27,000	.06600
	27,000					
	GREEN PETER-FOSTER	1997	2012	75	75	.06200
	75					
	LOST CREEK	2005	2012	1	1	.05490
R	1					
	HILLS CREEK	1962	2012	10,304	10,304	.06220
	10,304					
	ICE HARBOR	1962	2012	49,280	49,280	.06220
	49,280					
	JOHN DAY	2005	2012	5	5	.05490
R	5					
	HILLS CREEK	1963	2012	14	14	.06220
R	14					
	ICE HARBOR	1963	2012	51	51	.06220
R	51					
	HILLS CREEK	1964	2012	14	14	.06220
R	14					
	ICE HARBOR	1964	2012	51	51	.06220
R	51					
	HILLS CREEK	1965	2012	14	14	.06220
R	14					
	ICE HARBOR	1965	2012	52	52	.06220
R	52					
	HILLS CREEK	1966	2012	14	14	.06220
R	14					
	ICE HARBOR	1966	2012	51	51	.06220
R	51					
	HILLS CREEK	1967	2012	14	14	.06220
R	14					
	ICE HARBOR	1967	2012	51	51	.06220
R	51					
	HILLS CREEK	1968	2012	14	14	.06220
R	14					
	ICE HARBOR	1968	2012	52	52	.06220
R	52					
	HILLS CREEK	1969	2012	14	14	.06220
R	14					

		Prtg.txt				
R	ICE HARBOR	51	1969	2012	51	.06220
R	HILLS CREEK	14	1970	2012	14	.06220
R	ICE HARBOR	51	1970	2012	51	.06220
R	BOISE	89	1997	2012	89	.06200
R	HILLS CREEK	14	1971	2012	14	.06220
R	ICE HARBOR	52	1971	2012	52	.06220
R	HILLS CREEK	14	1972	2012	14	.06220
R	ICE HARBOR	51	1972	2012	51	.06220
R	COUGAR	3	2004	2012	3	.05517
R	HILLS CREEK	14	1973	2012	14	.06220
R	ICE HARBOR	51	1973	2012	51	.06220

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
HILLS CREEK		1974	2012	14	14	.06220

			Prtg.txt			
R		14				
	ICE HARBOR		1974	2012	52	52 .06220
R		52				
	HILLS CREEK		1975	2012	14	14 .06220
R		14				
	ICE HARBOR		1975	2012	51	51 .06220
R		51				
	HILLS CREEK		1976	2012	14	14 .06220
R		14				
	ICE HARBOR		1976	2012	51	51 .06220
R		51				
	HILLS CREEK		1977	2012	14	14 .06220
R		14				
	ICE HARBOR		1977	2012	52	52 .06220
R		52				
	HILLS CREEK		1978	2012	14	14 .06220
R		14				
	ICE HARBOR		1978	2012	51	51 .06220
R		51				
	HILLS CREEK		1979	2012	14	14 .06220
R		14				
	ICE HARBOR		1979	2012	51	51 .06220
R		51				
	HILLS CREEK		1980	2012	14	14 .06220
R		14				
	ICE HARBOR		1980	2012	52	52 .06220
R		52				
	HILLS CREEK		1981	2012	14	14 .06220
R		14				
	ICE HARBOR		1981	2012	51	51 .06220
R		51				
	HILLS CREEK		1982	2012	14	14 .06220
R		14				
	ICE HARBOR		1982	2012	51	51 .06220
R		51				
	HILLS CREEK		1983	2012	14	14 .06220
R		14				
	ICE HARBOR		1983	2012	52	52 .06220
R		52				

		Prtg.txt				
	HILLS CREEK	1985	2012	7	7	.06220
	7					
	ICE HARBOR	1985	2012	46	46	.06220
	46					
	ICE HARBOR	1986	2012	152	152	.06220
	152					
	ICE HARBOR	1987	2012	4	4	.06220
	4					
	ICE HARBOR	2002	2012	79	79	.05570
R	79					
	BPA CONSERVATION	1995	2015	85,000	61,233	.07500
	32,656					

	TOTAL					
	121,073					
2013	FISH, WILDLIFE & ENVIRONMENTAL	1998	2013	27,000	27,000	.06400
	27,000					
	BPA CONSERVATION	1993	2013	50,000	50,000	.07400
	50,000					
	LOWER SNAKE F AND W	2008	2013	47	47	.05425
R	47					
	DWORSHAK	2005	2013	37	37	.05517
R	37					
	DWORSHAK	2003	2013	181	181	.05570
R	181					
	LOWER SNAKE F AND W	2003	2013	1,022	1,022	.05570
R	1,022					
	BPA CONSERVATION	1993	2013	40,000	40,000	.06750
	40,000					
	COUGAR	2006	2013	2	2	.05490
R	2					
	LITTLE GOOSE	2006	2013	23	23	.05490
R	23					
	BOISE	1998	2013	90	90	.05850
	90					
	BPA CONSERVATION	1995	2015	85,000	28,577	.07500
	28,577					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
BPA PROGRAM	15,798	1996	2041	15,798	15,798	.07240
BUREAU DIRECT FUND	39,700	1996	2041	39,700	39,700	.07240
BUREAU DIRECT FUND	17,300	1997	2042	17,300	17,300	.06930
BPA PROGRAM	12,670	1997	2042	12,670	12,670	.06930
BPA CONSERVATION	46,523	1996	2016	99,700	99,700	.07050

TOTAL	278,970					
2014 R THE DALLES	42	2009	2014	42	42	.05425
FISH, WILDLIFE & ENVIRONMENTAL	27,000	1999	2014	27,000	27,000	.06380
COUGAR	10,173	1964	2014	10,173	10,173	.06260
COUGAR	22	1965	2014	22	22	.06260

			Prtg.txt				
R	COUGAR	22	1966	2014	22	22	.06260
R	COUGAR	22	1967	2014	22	22	.06260
R	COUGAR	22	1968	2014	22	22	.06260
R	COUGAR	22	1969	2014	22	22	.06260
R	DETROIT-BIG CLIFF	23	2004	2014	23	23	.05570
R	COUGAR	22	1970	2014	22	22	.06260
R	COUGAR	22	1971	2014	22	22	.06260
R	COUGAR	22	1972	2014	22	22	.06260
R	BPA CONSERVATION	50,000	1994	2014	50,000	50,000	.06750
R	COUGAR	22	1973	2014	22	22	.06260
R	COUGAR	22	1974	2014	22	22	.06260
R	COUGAR	22	1975	2014	22	22	.06260
R	COUGAR	22	1976	2014	22	22	.06260
R	DETROIT-BIG CLIFF	2	2009	2014	2	2	.05425
R	DETROIT-BIG CLIFF	17	2002	2014	17	17	.05584
R	COUGAR	22	1977	2014	22	22	.06260
R	COUGAR	22	1978	2014	22	22	.06260
R	COUGAR	22	1979	2014	22	22	.06260
R	COUGAR	22	1980	2014	22	22	.06260
R	COUGAR	22	1981	2014	22	22	.06260

		Prtg.txt					
R	COUGAR	22	1982	2014	22	22	.06260
R	BOISE	22	1999	2014	69	69	.05650
		69					
	COUGAR		1983	2014	22	22	.06260
R	COUGAR	22	1985	2014	1	1	.06260
		1					
	COUGAR		1986	2014	117	117	.06260
		117					
	COUGAR		1987	2014	51	51	.06260
		51					
	BPA CONSERVATION		1996	2016	99,700	53,177	.07050
		53,177					
	BPA PROGRAM		1994	2034	14,278	14,278	.06850
		14,278					

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
BUREAU DIRECT FUND	13,200	1998	2043	13,200	13,200	.06720
BPA PROGRAM	14,883	1998	2043	14,883	14,883	.06720
LIBBY	1	1989	2026	1	1	.06490

			Prtg.txt			
	LIBBY		1987	2026	2	.06490
		2				
	LIBBY		1986	2026	311	.06490
		311				
	LIBBY		1985	2026	570	.06490
		570				
	ICE HARBOR		1985	2026	23	.06490
		23				
	LIBBY		1983	2026	1,610	.06490
R		1,610				
	LIBBY		1982	2026	1,610	.06490
R		1,610				
	LIBBY		1981	2026	1,610	.06490
R		1,610				
	LIBBY		1980	2026	1,610	.06490
R		1,610				
	LIBBY		1979	2026	1,610	.06490
R		1,610				
	LIBBY		1978	2026	1,610	.06490
R		1,610				
	LIBBY		1977	2026	1,610	.06490
R		1,610				
	LIBBY		1976	2026	168,661	.06490
		98,955				

	TOTAL					
		294,583				
2015	FISH, WILDLIFE & ENVIRONMENTAL		2000	2015	27,000	.06360
		27,000				
	MCNARY		2005	2015	160	.05570
R		160				
	THE DALLES		2007	2015	69	.05517
R		69				
	THE DALLES		2008	2015	46	.05490
R		46				
	LOWER GRANITE		2005	2015	877	.05570
R		877				

		Prtg.txt				
R	LOOKOUT POINT-DEXTER 104	2005	2015	104	104	.05570
R	LOWER SNAKE F AND W 107	2007	2015	107	107	.05517
R	ALBENI FALLS 1,101	2005	2015	1,101	1,101	.05570
R	DWORSHAK 17	2008	2015	17	17	.05490
R	ALBENI FALLS 120	2003	2015	120	120	.05584
R	LOWER GRANITE 32	2007	2015	32	32	.05517
R	BOISE 25	2000	2015	25	25	.05630
R	GREEN PETER-FOSTER 14	2007	2015	14	14	.05517
R	MCNARY 99	2003	2015	99	99	.05584
R	JOHN DAY 27	2010	2015	27	27	.05425
R	LOOKOUT POINT-DEXTER 38	2003	2015	38	38	.05584
	LIBBY 69,706	1976	2026	168,661	69,706	.06490
	ICE HARBOR 22,486	1976	2026	22,486	22,486	.06490
	COLUMBIA BASIN - 3RD PWR HOUSE 45,432	1976	2026	45,432	45,432	.06490
	LOST CREEK 5	1987	2027	5	5	.06490
	LOST CREEK 7	1986	2027	7	7	.06490
	LOST CREEK 14	1985	2027	14	14	.06490

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	R	LOST CREEK	1983	2027	66	66	.06490
	R	LOST CREEK	1982	2027	66	66	.06490
	R	LOST CREEK	1981	2027	66	66	.06490
	R	LOST CREEK	1980	2027	66	66	.06490
	R	LOST CREEK	1979	2027	66	66	.06490
	R	LOST CREEK	1978	2027	64	64	.06490
	R	LOST CREEK	1977	2027	14,755	14,755	.06490
		14,755					
		COLUMBIA BASIN - 3RD PWR HOUSE	1977	2027	47,042	47,042	.06490
		47,042					
		CHIEF JOSEPH	1977	2027	33,539	33,539	.06490
		33,539					
		BONNEVILLE	1977	2027	17,225	17,225	.06490
		17,225					
		LITTLE GOOSE	1985	2028	51	51	.06490
		51					
		LOWER GRANITE	1978	2028	44,276	44,276	.06490
		31,733					

		TOTAL					
		312,225					

2016	FISH, WILDLIFE & ENVIRONMENTAL 27,000	2001	2016	27,000	27,000	.06310
R	BONNEVILLE 80	2011	2016	80	80	.05425
R	YAKIMA-CHANDLER 56	2006	2016	56	56	.05570
R	GREEN PETER-FOSTER 17	2009	2016	17	17	.05490
R	LIBBY 62	2006	2016	62	62	.05570
	LOWER GRANITE 12,543	1978	2028	44,276	12,543	.06490
	LITTLE GOOSE 54,052	1978	2028	54,052	54,052	.06490
	COLUMBIA BASIN - 3RD PWR HOUSE 46,671	1978	2028	46,671	46,671	.06490
	CHIEF JOSEPH 83,229	1978	2028	83,229	83,229	.06490
	LOWER GRANITE 1,687	1994	2029	1,687	1,687	.06490
	LIBBY 312	1994	2029	312	312	.06490
R	LIBBY 237	1994	2029	237	237	.06490
	CHIEF JOSEPH 4,958	1990	2029	4,958	4,958	.06490
	CHIEF JOSEPH 2,451	1989	2029	2,451	2,451	.06490
	CHIEF JOSEPH 2,996	1988	2029	2,996	2,996	.06490
	CHIEF JOSEPH 3,341	1987	2029	3,341	3,341	.06490
	CHIEF JOSEPH 5,902	1986	2029	5,902	5,902	.06490
	LOWER MONUMENTAL 279	1985	2029	279	279	.06490
	CHIEF JOSEPH 18,018	1985	2029	18,018	18,018	.06490

LOWER MONUMENTAL	Prtg.txt					
44,355	1979	2029	44,355	44,355	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE	1979	2029	92,643	92,643	.06490	
35,242						

TOTAL						
343,488						

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
2017	BPA CONSERVATION	56,900	1997	2017	56,900	56,900	.06710
	LOWER GRANITE	24	2010	2017	24	24	.05490
R	MINIDOKA	120	2002	2017	120	120	.05606
R	MINIDOKA	16	2007	2017	16	16	.05570
R	COLUMBIA BASIN	858	1967	2017	858	858	.06320
	GREEN PETER-FOSTER	13,547	1967	2017	13,547	13,547	.06320
	LOST CREEK	5	2007	2017	5	5	.05570
R							

		Prtg.txt					
R	BOISE	12	2002	2017	12	12	.05606
R	CHIEF JOSEPH	1,302	2002	2017	1,302	1,302	.05606
R	CHIEF JOSEPH	37	2007	2017	37	37	.05570
R	LOWER GRANITE	404	1995	2017	404	404	.06320
R	GREEN PETER-FOSTER	20	2007	2017	20	20	.05570
R	LOWER GRANITE	475	1995	2017	475	475	.06320
	LOWER GRANITE	79	1995	2017	79	79	.06320
R	DETROIT-BIG CLIFF	5	2010	2017	5	5	.05490
R	LOWER MONUMENTAL	44	2009	2017	44	44	.05517
R	COLUMBIA BASIN - 3RD PWR HOUSE	57,401	1979	2029	92,643	57,401	.06490
	CHIEF JOSEPH	66,118	1979	2029	66,118	66,118	.06490
R	LIBBY	42	1995	2030	42	42	.06490
	LIBBY	16	1995	2030	16	16	.06490
	BONNEVILLE	60	1995	2030	60	60	.06490
R	COLUMBIA BASIN	367	1995	2030	367	367	.06490
	DWORSHAK	227	1995	2030	227	227	.06490
R	HUNGRY HORSE	553	1995	2030	553	553	.06490
R	HUNGRY HORSE	1,275	1995	2030	1,275	1,275	.06490
R	HUNGRY HORSE	513	1995	2030	513	513	.06490
R	LIBBY	3,291	1995	2030	3,291	3,291	.06490

		Prtg.txt				
	3,291					
LIBBY		1995	2030	97	97	.06490
	97					
COLUMBIA BASIN		1996	2031	118	118	.06490
R	118					
HILLS CREEK		1996	2031	137	137	.06490
	137					
BONNEVILLE - 2ND POWER HOUSE		1981	2031	45,122	45,122	.06490
	45,122					
BOISE		1996	2031	238	238	.06490
	238					
LOWER GRANITE		1996	2031	330	330	.06490
	330					
BONNEVILLE - 2ND POWER HOUSE		1982	2032	224,281	224,281	.06490
	222,497					

TOTAL	472,250					

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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
2018	BPA CONSERVATION 42,600	1998	2018	42,600	42,600	.06500
	LOWER SNAKE F AND W	2013	2018	47	47	.05425

			Prtg.txt			
R	47					
	MCNARY	2011	2018	28	28	.05490
R	28					
	LOWER SNAKE F AND W	2011	2018	561	561	.05490
R	561					
	LOWER MONUMENTAL	2011	2018	23	23	.05490
R	23					
	LITTLE GOOSE	2008	2018	1,024	1,024	.05570
R	1,024					
	LOOKOUT POINT-DEXTER	2011	2018	15	15	.05490
R	15					
	LIBBY	2011	2018	62	62	.05490
R	62					
	GREEN PETER-FOSTER	1968	2018	13,828	13,828	.06340
	13,828					
	JOHN DAY	1968	2018	24,619	24,619	.06340
	24,619					
	ICE HARBOR	2011	2018	15	15	.05490
R	15					
	GREEN PETER-FOSTER	1969	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1970	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1971	2018	45	45	.06340
R	45					
	BONNEVILLE	2011	2018	6	6	.05490
R	6					
	DWORSHAK	2003	2018	2,881	2,881	.05606
R	2,881					
	GREEN PETER-FOSTER	1972	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1973	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1974	2018	45	45	.06340
R	45					
	GREEN PETER-FOSTER	1975	2018	45	45	.06340
R	45					
	ICE HARBOR	2010	2018	26	26	.05517
R	26					

		Prtg.txt				
R	GREEN PETER-FOSTER 45	1976	2018	45	45	.06340
R	YAKIMA-ROZA 2	2003	2018	2	2	.05606
R	THE DALLES 1,784	2003	2018	1,784	1,784	.05606
R	GREEN PETER-FOSTER 45	1977	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1978	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1979	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1980	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1981	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1982	2018	45	45	.06340
R	GREEN PETER-FOSTER 45	1983	2018	45	45	.06340
R	DETROIT-BIG CLIFF 30	2010	2018	30	30	.05517
R	GREEN PETER-FOSTER 19	1985	2018	19	19	.06340
	GREEN PETER-FOSTER 3	1986	2018	3	3	.06340
R	JOHN DAY 154	2006	2018	154	154	.05584
	GREEN PETER-FOSTER 2	1987	2018	2	2	.06340
	BONNEVILLE - 2ND POWER HOUSE 1,784	1982	2032	224,281	1,784	.06490
	THE DALLES 513	1997	2032	513	513	.06490
	MINIDOKA 188	1997	2032	188	188	.06490

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Prtg.txt
GENERATION FY 2001

REPAYMENT STUDY FOR 19

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
CHIEF JOSEPH	361	1997	2032	361	361	.06490
R COLUMBIA BASIN	416	1997	2032	416	416	.06490
LOWER MONUMENTAL	188	1997	2032	188	188	.06490
DWORSHAK	128	1997	2032	128	128	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	7,041	1990	2033	7,041	7,041	.06490
BONNEVILLE - 2ND POWER HOUSE	1,750	1990	2033	1,750	1,750	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	12,026	1989	2033	12,026	12,026	.06490
BONNEVILLE - 2ND POWER HOUSE	1,357	1989	2033	1,357	1,357	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	4,800	1988	2033	4,800	4,800	.06490
BONNEVILLE - 2ND POWER HOUSE	1,402	1988	2033	1,402	1,402	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	15,928	1987	2033	15,928	15,928	.06490
BONNEVILLE - 2ND POWER HOUSE	3,088	1987	2033	3,088	3,088	.06490
COLUMBIA BASIN - 3RD PWR HOUSE	17,139	1986	2033	17,139	17,139	.06490

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BONNEVILLE - 2ND POWER HOUSE 33,705	1986	2033	33,705	33,705	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 118	1985	2033	118	118	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 46,077	1985	2033	46,077	46,077	.06490	
BONNEVILLE - 2ND POWER HOUSE 10,072	1985	2033	10,072	10,072	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 14,552	1984	2033	14,552	14,552	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 18,714	1984	2033	18,714	18,714	.06490	
LOWER SNAKE F AND W 10,870	1983	2033	10,870	10,870	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 14,343	1983	2033	14,343	14,343	.06490	
COLUMBIA BASIN - 3RD PWR HOUSE 786	1983	2033	786	786	.06490	
BONNEVILLE - 2ND POWER HOUSE 68,791	1983	2033	68,791	68,791	.06490	
LOOKOUT POINT-DEXTER 146	1995	2035	146	146	.06490	
LOOKOUT POINT-DEXTER 17	1995	2035	17	17	.06490	
LOWER SNAKE F AND W 52,317	1985	2035	52,317	52,317	.06490	
BONNEVILLE 113	1995	2035	113	113	.06490	
JOHN DAY 124	1995	2035	124	124	.06490	
JOHN DAY 54	1995	2035	54	54	.06490	
JOHN DAY 23	1995	2035	23	23	.06490	
R ICE HARBOR 356	1996	2036	356	356	.06490	
ICE HARBOR 189	1996	2036	189	189	.06490	
LOWER SNAKE F AND W	1987	2037	79,262	79,262	.06490	

		Prtg.txt				
	79,262					
	LOWER SNAKE F AND W	1988	2038	880	880	.06490
	880					
	LIBBY	1988	2038	19,842	19,842	.06490
	19,842					
	LITTLE GOOSE	1995	2040	353	353	.06490
R	353					
	LITTLE GOOSE	1995	2040	766	766	.06490
	766					
	LOWER SNAKE F AND W	1990	2040	1,703	1,703	.06490
	1,703					
	LITTLE GOOSE	1995	2040	17	17	.06490
	17					

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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
LOWER SNAKE F AND W		1991	2041	4,827	4,827	.06490
	4,827					
LOWER SNAKE F AND W		1993	2043	78,440	78,440	.06490
	78,440					
BONNEVILLE - 2ND POWER HOUSE		1994	2044	6,242	6,242	.06490
	6,242					
CHIEF JOSEPH		1994	2044	4,399	4,399	.06490
	4,399					
COLUMBIA BASIN - 3RD PWR HOUSE		1994	2044	13,832	13,832	.06490
	13,832					

		Prtg.txt				
	LOWER SNAKE F AND W	1994	2044	5,059	5,059	.06490
	5,059					
	ALBENI FALLS	1995	2045	461	461	.06490
	461					
	BONNEVILLE	1995	2045	3,953	3,953	.06490
	3,953					
	LOOKOUT POINT-DEXTER	1995	2045	10	10	.06490
	10					
	LOOKOUT POINT-DEXTER	1995	2045	87	87	.06490
R	87					
	BONNEVILLE	1995	2045	425	425	.06490
	425					
	LOOKOUT POINT-DEXTER	1995	2045	36	36	.06490
	36					
	LOST CREEK	1995	2045	97	97	.06490
R	97					
	BONNEVILLE	1995	2045	345	345	.06490
R	345					
	BONNEVILLE	1995	2045	432	432	.06490
R	432					
	LOOKOUT POINT-DEXTER	1995	2045	180	180	.06490
	180					
	BONNEVILLE	1995	2045	496	496	.06490
	496					
	LOWER MONUMENTAL	1995	2045	1,162	1,162	.06490
	1,162					
	CHIEF JOSEPH	1995	2045	822	822	.06490
	822					
	LOWER MONUMENTAL	1995	2045	43	43	.06490
	43					
	LOWER MONUMENTAL	1995	2045	101	101	.06490
	101					
	CHIEF JOSEPH	1995	2045	739	739	.06490
	739					
	CHIEF JOSEPH	1995	2045	151	151	.06490
	151					
	LOWER MONUMENTAL	1995	2045	625	625	.06490
	625					
	MCNARY	1995	2045	16	16	.06490

		Prtg.txt				
	16					
R	CHIEF JOSEPH	1995	2045	584	584	.06490
	584					
	MCNARY	1995	2045	542	542	.06490
	542					
	COLUMBIA BASIN	1995	2045	908	908	.06490
	908					
	COLUMBIA BASIN	1995	2045	519	519	.06490
	519					
R	COLUMBIA BASIN	1995	2045	384	384	.06490
	384					
	ALBENI FALLS	1995	2045	1,158	1,158	.06490
	1,158					
	COLUMBIA RIVER FISH MITIGATION	1995	2045	45,036	45,036	.06490
	45,036					
	DWORSHAK	1995	2045	1,202	1,202	.06490
	1,202					
	HUNGRY HORSE	1995	2045	6,433	6,433	.06490
	5,617					

	TOTAL					
	709,633					

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(ALL AMOUNT IN \$1000)

PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
REPLACEMENT						
+						

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2019	THE DALLES	2014	2019	42	42	.05425
R	42					
	BPA CONSERVATION	1999	2019	38,300	38,300	.06460
	38,300					
	LOWER MONUMENTAL	2009	2019	11	11	.05570
R	11					
	THE DALLES	2004	2019	1,227	1,227	.05606
R	1,227					
	THE DALLES	2007	2019	9	9	.05584
R	9					
	MCNARY	2011	2019	59	59	.05517
R	59					
	LOST CREEK	2012	2019	1	1	.05490
R	1					
	JOHN DAY	2012	2019	5	5	.05490
R	5					
	LOOKOUT POINT-DEXTER	2011	2019	6	6	.05517
R	6					
	LITTLE GOOSE	2011	2019	40	40	.05517
R	40					
	LOWER SNAKE F AND W	2007	2019	513	513	.05584
R	513					
	THE DALLES	2009	2019	1	1	.05570
R	1					
	DETROIT-BIG CLIFF	2014	2019	2	2	.05425
R	2					
	JOHN DAY	1969	2019	108,929	108,929	.06360
	108,929					
	LOWER MONUMENTAL	1969	2019	28,431	28,431	.06360
	28,431					
	ICE HARBOR	1995	2019	883	883	.06360
	883					
	ICE HARBOR	1995	2019	87	87	.06360
	87					
	ICE HARBOR	1995	2019	178	178	.06360
	178					
	HUNGRY HORSE	1995	2045	6,433	816	.06490
	816					

	ALBENI FALLS	Prtg.txt	2045	550	550	.06490
	550	1995				
	JOHN DAY	1995	2045	7,943	7,943	.06490
	7,943					
R	JOHN DAY	1995	2045	631	631	.06490
	631					
R	COLUMBIA BASIN	1996	2046	5,428	5,428	.06490
	5,428					
	COLUMBIA BASIN	1996	2046	435	435	.06490
	435					
	CHIEF JOSEPH	1996	2046	526	526	.06490
	526					
	HUNGRY HORSE	1996	2046	1,758	1,758	.06490
	1,758					
	COLUMBIA BASIN	1996	2046	1,733	1,733	.06490
	1,733					
	COLUMBIA BASIN	1996	2046	1,188	1,188	.06490
R	1,188					
	BONNEVILLE	1996	2046	2,241	2,241	.06490
	2,241					
	JOHN DAY	1996	2046	11,249	11,249	.06490
	11,249					
	BONNEVILLE	1996	2046	2,144	2,144	.06490
R	2,144					
	JOHN DAY	1996	2046	3,148	3,148	.06490
	3,148					
	COLUMBIA BASIN	1996	2046	368	368	.06490
	368					
	ALBENI FALLS	1996	2046	781	781	.06490
	781					
	LIBBY	1996	2046	2,050	2,050	.06490
	2,050					
	BONNEVILLE	1996	2046	2,144	2,144	.06490
	2,144					
	LIBBY	1996	2046	531	531	.06490
	531					
	LITTLE GOOSE	1996	2046	4,463	4,463	.06490
	4,463					
	BONNEVILLE	1996	2046	43,359	43,359	.06490

43,359

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
LOOKOUT POINT-DEXTER	2,560	1996	2046	2,560	2,560	.06490
LOOKOUT POINT-DEXTER	1,140	1996	2046	1,140	1,140	.06490
R BOISE	1,258	1996	2046	1,258	1,258	.06490
BOISE	714	1996	2046	714	714	.06490
CHIEF JOSEPH	647	1996	2046	647	647	.06490
LOWER GRANITE	3,956	1996	2046	3,956	3,956	.06490
BOISE	480	1996	2046	480	480	.06490
LOWER MONUMENTAL	894	1996	2046	894	894	.06490
LOWER SNAKE F AND W	8,555	1996	2046	8,555	8,555	.06490
MCNARY	1,475	1996	2046	1,475	1,475	.06490
MINIDOKA	2,255	1996	2046	2,255	2,255	.06490

		Prtg.txt				
	THE DALLES	1996	2046	15,810	15,810	.06490
	15,810					
	THE DALLES	1996	2046	2,780	2,780	.06490
	2,780					
	COLUMBIA BASIN	1996	2046	251	251	.06490
	251					
	COLUMBIA RIVER FISH MITIGATION	1996	2046	55,608	55,608	.06490
	55,608					
	DWORSHAK	1996	2046	1,065	1,065	.06490
	1,065					
	DWORSHAK	1996	2046	535	535	.06490
	535					
	ALBENI FALLS	1997	2047	341	341	.06490
	341					
	BOISE	1997	2047	129	129	.06490
R	129					
	BONNEVILLE	1997	2047	12,429	12,429	.06490
	12,429					
	MINIDOKA	1997	2047	46,867	46,867	.06490
	46,867					
	BONNEVILLE	1997	2047	802	802	.06490
	802					
	BONNEVILLE	1997	2047	802	802	.06490
R	802					
	LOWER SNAKE F AND W	1997	2047	3,901	3,901	.06490
	3,901					
	LIBBY	1997	2047	1,335	1,335	.06490
	1,335					
	ICE HARBOR	1997	2047	1,335	1,335	.06490
	1,335					
	HUNGRY HORSE	1997	2047	462	462	.06490
R	462					
	COLUMBIA RIVER FISH MITIGATION	1997	2047	73,757	73,757	.06490
	73,757					
	COLUMBIA BASIN	1997	2047	4,915	4,915	.06490
	4,915					
	LOWER GRANITE	1982	2025	566	566	.06470
R	566					
	LOWER GRANITE	1981	2025	565	565	.06470

		Prtg.txt				
R	565					
	LOWER GRANITE	1980	2025	565	565	.06470
R	565					
	LOWER GRANITE	1986	2025	238	238	.06470
	238					
	LOWER GRANITE	1979	2025	566	566	.06470
R	566					
	LOWER GRANITE	1978	2025	565	565	.06470
R	565					
	LOWER GRANITE	1977	2025	565	565	.06470
R	565					
	LOWER GRANITE	1976	2025	565	565	.06470
R	251					

	TOTAL					
	523,149					

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YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	2020	BPA CONSERVATION 30,800	2000	2020	30,800	30,800	.06390
		LOWER GRANITE	2005	2020	2,498	2,498	.05606
R		2,498					
		COUGAR	2012	2020	3	3	.05517

		Prtg.txt				
R	3					
	JOHN DAY	1995	2020	82	82	.06380
	82					
	JOHN DAY	1970	2020	26,724	26,724	.06380
	26,724					
	LITTLE GOOSE	1970	2020	24,063	24,063	.06380
	24,063					
	LOWER MONUMENTAL	1970	2020	57,858	57,858	.06380
	57,858					
	HUNGRY HORSE	1995	2020	176	176	.06380
R	176					
	LOWER MONUMENTAL	1971	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1972	2020	242	242	.06380
R	242					
	COUGAR	2013	2020	2	2	.05490
R	2					
	LOWER MONUMENTAL	1985	2020	9	9	.06380
	9					
	GREEN PETER-FOSTER	1995	2020	11	11	.06380
	11					
	GREEN PETER-FOSTER	1995	2020	25	25	.06380
R	25					
	LOWER MONUMENTAL	1973	2020	242	242	.06380
R	242					
	LITTLE GOOSE	2013	2020	23	23	.05490
R	23					
	LOWER MONUMENTAL	1974	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1975	2020	242	242	.06380
R	242					
	JOHN DAY	2015	2020	27	27	.05425
R	27					
	LOWER MONUMENTAL	1976	2020	242	242	.06380
R	242					
	LOWER MONUMENTAL	1983	2020	242	242	.06380
R	242					
	JOHN DAY	2010	2020	40	40	.05570
R	40					

		Prtg.txt				
	COLUMBIA BASIN	1995	2020	221	221	.06380
	221					
R	LOWER MONUMENTAL	1981	2020	242	242	.06380
	242					
R	LOWER MONUMENTAL	1982	2020	242	242	.06380
	242					
R	LOWER MONUMENTAL	1977	2020	242	242	.06380
	242					
R	LOWER MONUMENTAL	1978	2020	242	242	.06380
	242					
	LOWER MONUMENTAL	1987	2020	4	4	.06380
	4					
R	LOWER MONUMENTAL	1979	2020	242	242	.06380
	242					
R	BONNEVILLE	1995	2020	23	23	.06380
	23					
R	BONNEVILLE	1995	2020	22	22	.06380
	22					
R	LOWER MONUMENTAL	1980	2020	242	242	.06380
	242					
R	LOWER MONUMENTAL	1986	2020	149	149	.06380
	149					
R	LOWER GRANITE	1976	2025	565	314	.06470
	314					
R	LOWER GRANITE	1983	2025	565	565	.06470
	565					
R	LOWER GRANITE	1975	2025	130,405	130,405	.06470
	130,405					
	LIBBY	1975	2025	53,102	53,102	.06470
	53,102					
	COLUMBIA BASIN - 3RD PWR HOUSE	1975	2025	43,303	43,303	.06470
	43,303					
	LOWER GRANITE	1985	2025	364	364	.06470
	364					

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
LOWER GRANITE	9	1987	2025	9	9	.06470
BPA PROGRAM	14,079	1999	2044	14,079	14,079	.06610
BUREAU DIRECT FUND	36,100	1999	2044	36,100	36,100	.06610
THE DALLIES	8,044	1974	2024	8,044	8,044	.06450
DWORSHAK	578	1980	2023	578	578	.06430
R						
DWORSHAK	578	1979	2023	578	578	.06430
R						
DWORSHAK	578	1978	2023	578	578	.06430
R						
DWORSHAK	220	1986	2023	220	220	.06430
DWORSHAK	6	1987	2023	6	6	.06430
DWORSHAK	1,273	1985	2023	1,273	1,273	.06430
DWORSHAK	578	1977	2023	578	578	.06430
R						
DWORSHAK	578	1976	2023	578	578	.06430
R						
DWORSHAK	578	1975	2023	578	578	.06430
R						
DWORSHAK	578	1981	2023	578	578	.06430
R						

		Prtg.txt				
	DWORSHAK	1974	2023	575	575	.06430
R	575					
	THE DALLES	1973	2023	24,441	24,441	.06430
	24,441					
	DWORSHAK	1982	2023	578	578	.06430
R	578					
	DWORSHAK	1973	2023	148,459	148,459	.06430
	124,914					

	TOTAL					
	588,244					
2021	BPA CONSERVATION	2001	2021	30,600	30,600	.06340
	30,600					
	DWORSHAK	2013	2021	37	37	.05517
R	37					
	LITTLE GOOSE	1987	2021	6	6	.06390
	6					
	LITTLE GOOSE	2011	2021	11	11	.05570
R	11					
	BONNEVILLE	2011	2021	107	107	.05570
R	107					
	JOHN DAY	1971	2021	39,419	39,419	.06390
	39,419					
	LITTLE GOOSE	1971	2021	48,422	48,422	.06390
	48,422					
	LITTLE GOOSE	1972	2021	32	32	.06390
R	32					
	HUNGRY HORSE	1996	2021	140	140	.06390
R	140					
	LITTLE GOOSE	1973	2021	33	33	.06390
R	33					
	YAKIMA-ROZA	1996	2021	341	341	.06390
R	341					
	LITTLE GOOSE	1983	2021	33	33	.06390
R	33					
	LITTLE GOOSE	1974	2021	32	32	.06390
R	32					

		Prtg.txt				
R	BOISE	88	1996	2021	88	.06390
R	LITTLE GOOSE	33	1975	2021	33	.06390
R	MINIDOKA	146	1996	2021	146	.06390
R	BONNEVILLE	80	2016	2021	80	.05425
R	LIBBY	1,728	2006	2021	1,728	.05606
R	LITTLE GOOSE	32	1976	2021	32	.06390

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	DWORSHAK	53	2009	2021	53	53	.05584
R	LITTLE GOOSE	33	1979	2021	33	33	.06390
R	LITTLE GOOSE	270	1986	2021	270	270	.06390
R	LITTLE GOOSE	33	1977	2021	33	33	.06390
R	LITTLE GOOSE	33	1981	2021	33	33	.06390
R	LITTLE GOOSE	33	1985	2021	196	196	.06390

			Prtg.txt			
		196				
R	LITTLE GOOSE		1980	2021	32	.06390
		32				
R	LITTLE GOOSE		1978	2021	32	.06390
		32				
R	LITTLE GOOSE		1982	2021	32	.06390
		32				
	DWORSHAK		1973	2023	148,459	.06430
		23,545				
	DWORSHAK		1983	2023	584	.06430
R		584				
	JOHN DAY		1986	2022	3,622	.06410
		3,622				
	JOHN DAY		1990	2022	41	.06410
		41				
	YAKIMA-CHANDLER		1956	2022	796	.06410
		796				
	JOHN DAY		1972	2022	12,911	.06410
		12,911				
	JOHN DAY		1989	2022	34	.06410
		34				
	JOHN DAY		1987	2022	792	.06410
		792				
	YAKIMA-CHANDLER		1986	2022	506	.06410
		506				
	YAKIMA-CHANDLER		1966	2022	1	.06410
R		1				
	YAKIMA-CHANDLER		1965	2022	1	.06410
R		1				
	YAKIMA-CHANDLER		1964	2022	1	.06410
R		1				
	YAKIMA-CHANDLER		1963	2022	1	.06410
R		1				
	JOHN DAY		1985	2022	7,285	.06410
		7,285				
	YAKIMA-CHANDLER		1962	2022	1	.06410
R		1				
	YAKIMA-CHANDLER		1961	2022	1	.06410
R		1				

		Prtg.txt				
R	YAKIMA-CHANDLER	1960	2022	1	1	.06410
	1					
R	YAKIMA-CHANDLER	1959	2022	2	2	.06410
	2					
	JOHN DAY	1992	2022	21	21	.06410
	21					
	JOHN DAY	1997	2022	162	162	.06390
	162					
	BPA PROGRAM	2000	2045	14,374	14,374	.06460
	14,374					
	BUREAU DIRECT FUND	2000	2045	51,500	51,500	.06460
	51,500					
	BPA PROGRAM	2001	2046	12,505	12,505	.06400
	12,505					
	BUREAU DIRECT FUND	2001	2046	56,700	56,700	.06400
	56,700					
	MINIDOKA	1998	2033	277	277	.06180
	277					
	COLUMBIA BASIN	1998	2033	357	357	.06180
	357					
R	COLUMBIA BASIN	1998	2033	898	898	.06180
	898					
	HUNGRY HORSE	1998	2033	262	262	.06180
	262					
	MINIDOKA	1998	2033	128	128	.06180
	128					
R	HUNGRY HORSE	1998	2048	217	217	.06180
	217					

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	PROJECT REPLACEMENT	AMOUNT	Prtg.txt IN-SERVICE	DUE	GROSS	NET	RATE
+							
	BONNEVILLE	22,149	1998	2048	22,149	22,149	.06180
	LOWER SNAKE F AND W	2,768	1998	2048	2,768	2,768	.06180
	COLUMBIA RIVER FISH MITIGATION	137,104	1998	2048	137,104	137,104	.06180
R	YAKIMA-ROZA	43	1998	2023	43	43	.06070
R	HUNGRY HORSE	74	1999	2034	74	74	.05970
	LOWER SNAKE F AND W	205	1999	2034	205	205	.05970
	COLUMBIA BASIN	104	1999	2034	104	104	.05970
	BONNEVILLE	12,609	1999	2049	12,609	12,609	.05970
R	BOISE	165	1999	2049	165	165	.05970
R	COLUMBIA BASIN	2,581	1999	2049	2,581	2,581	.05970
	COLUMBIA RIVER FISH MITIGATION	37,360	1999	2049	37,360	37,360	.05970
	MINIDOKA	66	1999	2024	66	66	.05860
R	BOISE	188	2000	2050	188	188	.05860
	BONNEVILLE	12,889	2000	2050	12,889	12,889	.05860
	COLUMBIA BASIN	2,077	2000	2050	2,077	2,077	.05860
R	COLUMBIA BASIN	1,239	2000	2050	1,239	1,239	.05860
	COLUMBIA RIVER FISH MITIGATION	41,033	2000	2050	41,033	41,033	.05860

		Prtg.txt				
	HUNGRY HORSE	2000	2050	306	306	.05860
	306					
	HUNGRY HORSE	2000	2050	35	35	.05860
R	35					
	LOWER GRANITE	2005	2035	658	658	.05713
R	658					
	GREEN PETER-FOSTER	2002	2037	3,709	3,709	.05713
R	3,709					
	COLUMBIA BASIN	2007	2037	1,966	1,966	.05713
R	1,966					
	LOST CREEK	2007	2037	17	17	.05713
R	17					
	MINIDOKA	2007	2037	67	67	.05713
R	67					
	COLUMBIA BASIN	2008	2038	2,206	2,206	.05713
R	2,206					
	GREEN PETER-FOSTER	2003	2038	1,826	1,826	.05713
R	1,826					
	LOWER MONUMENTAL	2004	2039	10,138	10,138	.05713
R	10,138					
	JOHN DAY	2005	2040	44,679	44,679	.05713
R	37,391					

TOTAL
640,533

2022	THE DALLES	2015	2022	46	46	.05490
R	46					
	MINIDOKA	2007	2022	80	80	.05606
R	80					
	ICE HARBOR	2002	2022	1,429	1,429	.05641
R	1,429					
	ICE HARBOR	2012	2022	79	79	.05570
R	79					
	LOST CREEK	2007	2022	36	36	.05606
R	36					
	ICE HARBOR	2007	2022	822	822	.05606
R	822					

		Prtg.txt				
R	COLUMBIA BASIN	2007	2022	795	795	.05606
	795					
R	HILLS CREEK	2002	2022	49	49	.05641
	49					
R	HILLS CREEK	2007	2022	470	470	.05606
	470					

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
R	DWORSHAK	17	2015	2022	17	17	.05490
R	JOHN DAY	7,288	2005	2040	44,679	7,288	.05713
R	LITTLE GOOSE	12,372	2006	2041	12,372	12,372	.05713
R	ICE HARBOR	11,405	2002	2042	11,405	11,405	.05713
R	HILLS CREEK	1,555	2002	2042	1,555	1,555	.05713
R	LOWER SNAKE F AND W	2,180	2013	2043	2,180	2,180	.05713
R	HUNGRY HORSE	445	2013	2043	445	445	.05713
R	DWORSHAK	12,206	2008	2043	12,206	12,206	.05713
R	THE DALLES		2008	2043	18,677	18,677	.05713

		Prtg.txt				
R	18,677					
	COUGAR	2004	2044	1,525	1,525	.05713
R	1,525					
	LOWER GRANITE	2010	2045	8,333	8,333	.05713
R	8,333					
	BONNEVILLE	2011	2046	70,617	70,617	.05713
R	70,617					
	ICE HARBOR	2011	2046	6,359	6,359	.05713
R	6,359					
	LIBBY	2011	2046	9,558	9,558	.05713
R	9,558					
	YAKIMA-CHANDLER	2016	2046	56	56	.05713
R	56					
	BOISE	2017	2047	62	62	.05713
R	62					
	MINIDOKA	2017	2047	82	82	.05713
R	82					
	BONNEVILLE	2012	2047	51	51	.05713
R	51					
	GREEN PETER-FOSTER	2007	2047	1,917	1,917	.05713
R	1,917					
	MINIDOKA	2002	2047	3,771	3,771	.05713
R	3,771					
	LOST CREEK	2012	2047	1,498	1,498	.05713
R	1,498					
	BOISE	2007	2047	753	753	.05713
R	753					
	CHIEF JOSEPH	2013	2048	63,565	63,565	.05713
R	63,565					
	COLUMBIA BASIN	2013	2048	51,524	51,524	.05713
R	51,524					
	YAKIMA-ROZA	2003	2048	198	198	.05713
R	198					
	LITTLE GOOSE	2013	2048	9,654	9,654	.05713
R	9,654					
	GREEN PETER-FOSTER	2008	2048	1,648	1,648	.05713
R	1,648					
	LOWER GRANITE	2013	2048	9,814	9,814	.05713
R	9,814					

		Prtg.txt				
R	YAKIMA-ROZA	2018	2048	5	5	.05713
	5					
R	LOWER MONUMENTAL	2014	2049	9,326	9,326	.05713
	9,326					
R	LOWER MONUMENTAL	2009	2049	10,387	10,387	.05713
	10,387					
R	JOHN DAY	2010	2050	27,854	27,854	.05713
	27,854					
R	LITTLE GOOSE	2011	2051	10,382	10,382	.05713
	10,382					
R	HILLS CREEK	2007	2052	85	85	.05713
	85					
R	ICE HARBOR	2022	2052	581	581	.05713
	581					
R	ICE HARBOR	2007	2052	166	166	.05713
	166					
R	BONNEVILLE	2017	2052	67,875	67,875	.05713
	67,875					
R	COLUMBIA BASIN	2017	2052	37,215	37,215	.05713
	37,215					
R	MINIDOKA	2007	2052	5,757	5,757	.05713
	5,757					

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PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
HUNGRY HORSE		2003	2053	43,382	43,382	.05713

		Prtg.txt				
R	43,382					
	DWORSHAK	2013	2053	7,586	7,586	.05713
R	7,586					
	LOWER SNAKE F AND W	2018	2053	1,121	1,121	.05713
R	1,121					
	THE DALLES	2013	2053	15,122	15,122	.05713
R	15,122					
	DETROIT-BIG CLIFF	2004	2054	2,695	2,695	.05713
R	2,695					
	DETROIT-BIG CLIFF	2004	2054	545	545	.05713
R	545					
	LOWER GRANITE	2015	2055	6,950	6,950	.05713
R	6,950					
	ALBENI FALLS	2005	2055	2,178	2,178	.05713
R	2,178					
	LIBBY	2020	2055	6,921	6,921	.05713
R	6,921					
	LOOKOUT POINT-DEXTER	2005	2055	491	491	.05713
R	491					
	LOOKOUT POINT-DEXTER	2005	2055	3,930	3,930	.05713
R	3,930					
	MCNARY	2005	2055	19,817	19,817	.05713
R	19,817					
	YAKIMA-CHANDLER	2006	2056	3,101	3,101	.05713
R	3,101					
	LIBBY	2016	2056	14,277	14,277	.05713
R	14,277					
	ICE HARBOR	2016	2056	4,266	4,266	.05713
R	4,266					
	LOST CREEK	2017	2057	1,169	1,169	.05713
R	1,169					
	BONNEVILLE	2017	2057	262	262	.05713
R	262					
	CHIEF JOSEPH	2007	2057	10,648	10,648	.05713
R	10,648					
	MINIDOKA	2007	2057	6,690	6,690	.05713
R	6,690					
	MINIDOKA	2022	2057	2,925	2,925	.05713
R	2,925					

		Prtg.txt				
	LITTLE GOOSE	2018	2058	8,657	8,657	.05713
R	8,657					
	LOWER GRANITE	2018	2058	7,622	7,622	.05713
R	7,622					
	CHIEF JOSEPH	2018	2058	40,619	40,619	.05713
R	30,154					

	TOTAL					
	681,078					
2023	THE DALLES	2015	2023	69	69	.05517
R	69					
	DWORSHAK	2013	2023	181	181	.05570
R	181					
	LOWER GRANITE	2008	2023	308	308	.05606
R	308					
	LOWER GRANITE	2011	2023	20	20	.05584
R	20					
	LOWER SNAKE F AND W	2013	2023	1,022	1,022	.05570
R	1,022					
	LOWER SNAKE F AND W	2015	2023	107	107	.05517
R	107					
	GREEN PETER-FOSTER	2015	2023	14	14	.05517
R	14					
	LOWER SNAKE F AND W	2018	2023	47	47	.05425
R	47					
	LOWER GRANITE	2015	2023	32	32	.05517
R	32					
	LOWER SNAKE F AND W	2003	2023	5,134	5,134	.05641
R	5,134					
	COLUMBIA BASIN	2008	2023	1,073	1,073	.05606
R	1,073					
	CHIEF JOSEPH	2008	2023	184	184	.05606
R	184					
	GREEN PETER-FOSTER	2016	2023	17	17	.05490
R	17					
	HUNGRY HORSE	2023	2058	3,148	3,148	.05713
R	3,148					

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PROJECT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+						
R CHIEF JOSEPH	10,465	2018	2058	40,619	10,465	.05713
R YAKIMA-ROZA	347	2008	2058	347	347	.05713
R COLUMBIA BASIN	179,891	2018	2058	179,891	179,891	.05713
R LOWER MONUMENTAL	6,771	2019	2059	6,771	6,771	.05713
R THE DALLES	18,866	2009	2059	18,866	18,866	.05713
R BONNEVILLE	62,260	2021	2061	62,260	62,260	.05713
R BOISE	718	2017	2062	718	718	.05713
R BONNEVILLE	60,666	2022	2062	60,666	60,666	.05713
R HILLS CREEK	492	2012	2062	492	492	.05713
R ICE HARBOR	3,872	2012	2062	3,872	3,872	.05713
R LOWER SNAKE F AND W	7,070	2023	2063	7,070	7,070	.05713
R COUGAR		2014	2064	622	622	.05713

Prtg.txt

R	622					
	ICE HARBOR	2021	2066	27	27	.05713
R	27					
	GREEN PETER-FOSTER	2017	2067	1,534	1,534	.05713
R	1,534					
	LOST CREEK	2022	2067	506	506	.05713
R	506					
	MINIDOKA	2017	2067	4,460	4,460	.05713
R	4,460					
	GREEN PETER-FOSTER	2018	2068	270	270	.05713
R	270					
	LITTLE GOOSE	2023	2068	124	124	.05713
R	124					
	COLUMBIA BASIN	2023	2068	56,114	56,114	.05713
R	56,114					
	LOWER MONUMENTAL	2019	2069	4,054	4,054	.05713
R	4,054					
	JOHN DAY	2020	2070	9,034	9,034	.05713
R	9,034					
	LITTLE GOOSE	2021	2071	3,510	3,510	.05713
R	3,510					
	THE DALLES	2023	2073	5,618	5,618	.05713
R	5,618					
	DWORSHAK	2023	2073	1,719	1,719	.05713
R	1,719					
	BONNEVILLE	2001	2051	5,228	5,228	.05710
	5,228					
	COLUMBIA BASIN	2001	2051	6,562	6,562	.05710
	6,562					
	COLUMBIA RIVER FISH MITIGATION	2001	2051	363,869	363,869	.05710
	258,235					

	TOTAL					
	720,391					
2024						
	THE DALLES	2019	2024	42	42	.05425
R	42					
	COUGAR	2009	2024	43	43	.05606

		Prtg.txt					
R	43						
	COUGAR	2004	2024	69	69	.05641	
R	69						
	LOWER GRANITE	2017	2024	24	24	.05490	
R	24						
	DETROIT-BIG CLIFF	2014	2024	23	23	.05570	
R	23						
	DETROIT-BIG CLIFF	2017	2024	5	5	.05490	
R	5						
	DETROIT-BIG CLIFF	2019	2024	2	2	.05425	
R	2						
	DETROIT-BIG CLIFF	2024	2059	2,418	2,418	.05713	
R	2,418						
	DETROIT-BIG CLIFF	2024	2059	12,378	12,378	.05713	
R	12,378						
	LOWER MONUMENTAL	2024	2069	111	111	.05713	
R	111						

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	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	COLUMBIA RIVER FISH MITIGATION	105,634	2001	2051	363,869	105,634	.05710
	BOISE	2,427	2002	2027	2,427	2,427	.05677
R							
	BONNEVILLE	14	2002	2027	14	14	.05677
R							

		Prtg.txt				
R	LOST CREEK	2002	2027	158	158	.05677
	158					
R	LITTLE GOOSE	2003	2028	37	37	.05677
	37					
R	LOWER GRANITE	2003	2028	115	115	.05677
	115					
R	CHIEF JOSEPH	2003	2028	312	312	.05677
	312					
R	HUNGRY HORSE	2003	2028	10,081	10,081	.05677
	10,081					
R	COLUMBIA BASIN	2003	2028	51,696	51,696	.05677
	51,696					
R	DETROIT-BIG CLIFF	2004	2029	201	201	.05677
	201					
R	DETROIT-BIG CLIFF	2004	2029	595	595	.05677
	595					
R	LOWER MONUMENTAL	2004	2029	40	40	.05677
	40					
R	ALBENI FALLS	2005	2030	2,321	2,321	.05677
	2,321					
R	LOOKOUT POINT-DEXTER	2005	2030	520	520	.05677
	520					
R	MCNARY	2005	2030	900	900	.05677
	900					
R	YAKIMA-CHANDLER	2006	2031	885	885	.05677
	885					
R	BONNEVILLE	2007	2032	4,120	4,120	.05677
	4,120					
R	CHIEF JOSEPH	2007	2032	3,823	3,823	.05677
	3,823					
R	MINIDOKA	2007	2032	2,205	2,205	.05677
	2,205					
R	LOWER SNAKE F AND W	2008	2033	992	992	.05677
	992					
R	YAKIMA-ROZA	2008	2033	99	99	.05677
	99					
R	THE DALLES	2009	2034	2,477	2,477	.05677
	2,477					
R	LIBBY	2010	2035	255	255	.05677

		Prtg.txt				
R	255					
	HILLS CREEK	2012	2037	149	149	.05677
R	149					
	ICE HARBOR	2012	2037	1,559	1,559	.05677
R	1,559					
	COUGAR	2014	2039	129	129	.05677
R	129					
	BONNEVILLE	2016	2041	2,492	2,492	.05677
R	2,492					
	GREEN PETER-FOSTER	2017	2042	430	430	.05677
R	430					
	MINIDOKA	2017	2042	1,846	1,846	.05677
R	1,846					
	GREEN PETER-FOSTER	2018	2043	156	156	.05677
R	156					
	LOWER MONUMENTAL	2019	2044	840	840	.05677
R	840					
	JOHN DAY	2020	2045	3,411	3,411	.05677
R	3,411					
	LITTLE GOOSE	2021	2046	962	962	.05677
R	962					
	COLUMBIA BASIN	2022	2047	43,959	43,959	.05677
R	43,959					
	DWORSHAK	2023	2048	7,259	7,259	.05677
R	7,259					
	THE DALLES	2023	2048	219	219	.05677
R	219					
	COLUMBIA BASIN	2007	2027	4,441	4,441	.05641
R	4,441					
	GREEN PETER-FOSTER	2007	2027	130	130	.05641
R	130					
	BOISE	2007	2027	133	133	.05641
R	133					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

+	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
R	GREEN PETER-FOSTER	67	2008	2028	67	67	.05641
R	LOWER MONUMENTAL	304	2009	2029	304	304	.05641
R	JOHN DAY	629	2010	2030	629	629	.05641
R	LITTLE GOOSE	438	2011	2031	438	438	.05641
R	HUNGRY HORSE	663	2013	2033	663	663	.05641
R	DWORSHAK	3,362	2013	2033	3,362	3,362	.05641
R	THE DALLES	1,892	2013	2033	1,892	1,892	.05641
R	DETROIT-BIG CLIFF	108	2014	2034	108	108	.05641
R	ALBENI FALLS	854	2015	2035	854	854	.05641
R	LOOKOUT POINT-DEXTER	427	2015	2035	427	427	.05641
R	LOWER GRANITE	1,005	2015	2035	1,005	1,005	.05641
R	LOOKOUT POINT-DEXTER	34	2015	2035	34	34	.05641
R	M McNARY	1,217	2015	2035	1,217	1,217	.05641
R	ICE HARBOR	192	2016	2036	192	192	.05641
R	YAKIMA-CHANDLER	85	2016	2036	85	85	.05641

		Prtg.txt				
R	LIBBY	85	2016	2036	607	607 .05641
R	MINIDOKA	607	2017	2037	88	88 .05641
R	MINIDOKA	88	2017	2037	261	261 .05641
R	LOST CREEK	261	2017	2037	72	72 .05641
R	CHIEF JOSEPH	72	2017	2037	1,989	1,989 .05641
R	LOWER GRANITE	1,989	2018	2038	308	308 .05641
R	LITTLE GOOSE	308	2018	2038	191	191 .05641
R	COLUMBIA BASIN	191	2018	2038	5,196	5,196 .05641
R	YAKIMA-ROZA	5,196	2018	2038	8	8 .05641
R	CHIEF JOSEPH	8	2018	2038	646	646 .05641
R	LOWER MONUMENTAL	646	2019	2039	305	305 .05641
R	THE DALLES	305	2019	2039	1,207	1,207 .05641
R	BONNEVILLE	1,207	2021	2041	597	597 .05641
R	HILLS CREEK	597	2022	2042	49	49 .05641
R	ICE HARBOR	49	2022	2042	1,429	1,429 .05641
R	LOWER SNAKE F AND W	1,429	2023	2043	5,134	5,134 .05641
R	COUGAR	5,134	2024	2044	69	69 .05641
R	BONNEVILLE	69	2012	2027	1,074	1,074 .05606
R	GREEN PETER-FOSTER	1,074	2012	2027	938	938 .05606
R		938				

		Prtg.txt				
R	LOWER SNAKE F AND W	2013	2028	1,104	1,104	.05606
	1,104					
R	GREEN PETER-FOSTER	2013	2028	767	767	.05606
	767					
R	HUNGRY HORSE	2013	2028	440	440	.05606
	440					
R	DETROIT-BIG CLIFF	2014	2029	89	89	.05606
	89					
R	DETROIT-BIG CLIFF	2014	2029	286	286	.05606
	286					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
R	LOWER MONUMENTAL	1,989	2014	2029	1,989	1,989	.05606
R	LIBBY	190	2015	2030	190	190	.05606
R	LOOKOUT POINT-DEXTER	73	2015	2030	73	73	.05606
R	JOHN DAY	1,924	2015	2030	1,924	1,924	.05606
R	MCNARY	450	2015	2030	450	450	.05606
R	LOOKOUT POINT-DEXTER	420	2015	2030	420	420	.05606
R	ALBENI FALLS		2015	2030	53	53	.05606

		Prtg.txt				
R	53					
	BONNEVILLE	2016	2031	2,476	2,476	.05606
R	2,476					
	YAKIMA-CHANDLER	2016	2031	24	24	.05606
R	24					
	LITTLE GOOSE	2016	2031	1,532	1,532	.05606
R	1,532					
	CHIEF JOSEPH	2017	2032	1,302	1,302	.05606
R	1,302					
	MINIDOKA	2017	2032	120	120	.05606
R	120					
	BOISE	2017	2032	12	12	.05606
R	12					
	DWORSHAK	2018	2033	2,881	2,881	.05606
R	2,881					
	THE DALLES	2018	2033	1,784	1,784	.05606
R	1,784					
	YAKIMA-ROZA	2018	2033	2	2	.05606
R	2					
	THE DALLES	2019	2034	1,227	1,227	.05606
R	1,227					
	LOWER GRANITE	2020	2035	2,498	2,498	.05606
R	2,498					
	LIBBY	2021	2036	1,728	1,728	.05606
R	1,728					
	ICE HARBOR	2022	2037	822	822	.05606
R	822					
	HILLS CREEK	2022	2037	470	470	.05606
R	470					
	LOST CREEK	2022	2037	36	36	.05606
R	36					
	MINIDOKA	2022	2037	80	80	.05606
R	80					
	COLUMBIA BASIN	2022	2037	795	795	.05606
R	795					
	LOWER GRANITE	2023	2038	308	308	.05606
R	308					
	CHIEF JOSEPH	2023	2038	184	184	.05606
R	184					

		Prtg.txt				
R	COLUMBIA BASIN	2023	2038	1,073	1,073	.05606
	1,073					
R	COUGAR	2024	2039	43	43	.05606
	43					
R	BONNEVILLE	2013	2025	140	140	.05584
	140					
R	DETROIT-BIG CLIFF	2014	2026	17	17	.05584
	17					
R	MCNARY	2015	2027	99	99	.05584
	99					
R	ALBENI FALLS	2015	2027	120	120	.05584
	120					
R	LOOKOUT POINT-DEXTER	2015	2027	38	38	.05584
	38					
R	JOHN DAY	2018	2030	154	154	.05584
	154					
R	LOWER SNAKE F AND W	2019	2031	513	513	.05584
	513					
R	THE DALLES	2019	2031	9	9	.05584
	9					
R	DWORSHAK	2021	2033	53	53	.05584
	53					
R	LOWER GRANITE	2023	2035	20	20	.05584
	20					
R	LOWER GRANITE	2015	2025	877	877	.05570
	877					

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YEAR ----- INVESTMENT
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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
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		Prtg.txt				
R	LOOKOUT POINT-DEXTER 104	2015	2025	104	104	.05570
R	MCNARY 160	2015	2025	160	160	.05570
R	ALBENI FALLS 1,101	2015	2025	1,101	1,101	.05570
R	LIBBY 62	2016	2026	62	62	.05570
R	YAKIMA-CHANDLER 56	2016	2026	56	56	.05570
R	LOST CREEK 5	2017	2027	5	5	.05570
R	CHIEF JOSEPH 37	2017	2027	37	37	.05570
R	GREEN PETER-FOSTER 20	2017	2027	20	20	.05570
R	MINIDOKA 16	2017	2027	16	16	.05570
R	LITTLE GOOSE 1,024	2018	2028	1,024	1,024	.05570
R	LOWER MONUMENTAL 11	2019	2029	11	11	.05570
R	THE DALLES 1	2019	2029	1	1	.05570
R	JOHN DAY 40	2020	2030	40	40	.05570
R	LITTLE GOOSE 11	2021	2031	11	11	.05570
R	BONNEVILLE 107	2021	2031	107	107	.05570
R	ICE HARBOR 79	2022	2032	79	79	.05570
R	DWORSHAK 181	2023	2033	181	181	.05570
R	LOWER SNAKE F AND W 1,022	2023	2033	1,022	1,022	.05570

		Prtg.txt				
R	DETROIT-BIG CLIFF	2024	2034	23	23	.05570
	23					
R	LOWER MONUMENTAL	2017	2025	44	44	.05517
	44					
R	DETROIT-BIG CLIFF	2018	2026	30	30	.05517
	30					
R	ICE HARBOR	2018	2026	26	26	.05517
	26					
R	MCNARY	2019	2027	59	59	.05517
	59					
R	LITTLE GOOSE	2019	2027	40	40	.05517
	40					
R	LOOKOUT POINT-DEXTER	2019	2027	6	6	.05517
	6					
R	COUGAR	2020	2028	3	3	.05517
	3					
R	DWORSHAK	2021	2029	37	37	.05517
	37					
R	LOWER SNAKE F AND W	2023	2031	107	107	.05517
	107					
R	LOWER GRANITE	2023	2031	32	32	.05517
	32					
R	GREEN PETER-FOSTER	2023	2031	14	14	.05517
	14					
R	THE DALLES	2023	2031	69	69	.05517
	69					
R	MCNARY	2018	2025	28	28	.05490
	28					
R	LIBBY	2018	2025	62	62	.05490
	62					
R	BONNEVILLE	2018	2025	6	6	.05490
	6					
R	LOOKOUT POINT-DEXTER	2018	2025	15	15	.05490
	15					
R	LOWER SNAKE F AND W	2018	2025	561	561	.05490
	561					
R	LOWER MONUMENTAL	2018	2025	23	23	.05490
	23					
R	ICE HARBOR	2018	2025	15	15	.05490

Prtg.txt

R	JOHN DAY	15	2019	2026	5	5	.05490
R		5					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	LOST CREEK		2019	2026	1	1	.05490
R		1					
	LITTLE GOOSE		2020	2027	23	23	.05490
R		23					
	COUGAR		2020	2027	2	2	.05490
R		2					
	THE DALLES		2022	2029	46	46	.05490
R		46					
	DWORSHAK		2022	2029	17	17	.05490
R		17					
	GREEN PETER-FOSTER		2023	2030	17	17	.05490
R		17					
	LOWER GRANITE		2024	2031	24	24	.05490
R		24					
	DETROIT-BIG CLIFF		2024	2031	5	5	.05490
R		5					
	JOHN DAY		2020	2025	27	27	.05425
R		27					
	BONNEVILLE		2021	2026	80	80	.05425
R		80					

		Prtg.txt				
R	LOWER SNAKE F AND W 47	2023	2028	47	47	.05425
R	THE DALLES 42	2024	2029	42	42	.05425
R	DETROIT-BIG CLIFF 2	2024	2029	2	2	.05425

	TOTAL					
	339,379					
2025	MCNARY	2025	2060	62,219	62,219	.05713
R	62,219					
R	LOOKOUT POINT-DEXTER 10,319	2025	2060	10,319	10,319	.05713
R	LOOKOUT POINT-DEXTER 2,068	2025	2060	2,068	2,068	.05713
R	ALBENI FALLS 7,823	2025	2060	7,823	7,823	.05713
R	LIBBY 7,180	2025	2065	7,180	7,180	.05713
R	LOWER GRANITE 1,558	2025	2075	1,558	1,558	.05713
R	LOWER GRANITE 204	2025	2050	204	204	.05677
R	BONNEVILLE 140	2025	2037	140	140	.05584
R	LOWER GRANITE 877	2025	2035	877	877	.05570
R	MCNARY 160	2025	2035	160	160	.05570
R	LOOKOUT POINT-DEXTER 104	2025	2035	104	104	.05570
R	ALBENI FALLS 1,101	2025	2035	1,101	1,101	.05570
R	LOWER MONUMENTAL 44	2025	2033	44	44	.05517
R	LIBBY 62	2025	2032	62	62	.05490

		Prtg.txt				
R	LOOKOUT POINT-DEXTER	2025	2032	15	15	.05490
	15					
R	ICE HARBOR	2025	2032	15	15	.05490
	15					
R	LOWER MONUMENTAL	2025	2032	23	23	.05490
	23					
R	BONNEVILLE	2025	2032	6	6	.05490
	6					
R	MCNARY	2025	2032	28	28	.05490
	28					
R	LOWER SNAKE F AND W	2025	2032	561	561	.05490
	561					
R	JOHN DAY	2025	2030	27	27	.05425
	27					

	TOTAL					
	94,534					

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
	2026	YAKIMA-CHANDLER	2026	2061	449	449	.05713
	R	449					
	R	LIBBY	2026	2076	3,046	3,046	.05713
		3,046					

		Prtg.txt				
	ICE HARBOR	2026	2076	1,225	1,225	.05713
R	1,225					
	LIBBY	2026	2051	2,397	2,397	.05677
R	2,397					
	ICE HARBOR	2026	2051	42	42	.05677
R	42					
	DETROIT-BIG CLIFF	2026	2038	17	17	.05584
R	17					
	YAKIMA-CHANDLER	2026	2036	56	56	.05570
R	56					
	LIBBY	2026	2036	62	62	.05570
R	62					
	ICE HARBOR	2026	2034	26	26	.05517
R	26					
	DETROIT-BIG CLIFF	2026	2034	30	30	.05517
R	30					
	LOST CREEK	2026	2033	1	1	.05490
R	1					
	JOHN DAY	2026	2033	5	5	.05490
R	5					
	BONNEVILLE	2026	2031	80	80	.05425
R	80					

	TOTAL					
	7,436					
2027	MINIDOKA	2027	2062	695	695	.05713
R	695					
	CHIEF JOSEPH	2027	2062	52,440	52,440	.05713
R	52,440					
	COLUMBIA BASIN	2027	2067	41,910	41,910	.05713
R	41,910					
	BONNEVILLE	2027	2072	929	929	.05713
R	929					
	LOST CREEK	2027	2077	571	571	.05713
R	571					
	BONNEVILLE	2027	2077	396	396	.05713
R	396					

		Prtg.txt				
R	BOISE	2027	2077	8,125	8,125	.05713
	8,125					
R	LOST CREEK	2027	2052	158	158	.05677
R	158					
R	BONNEVILLE	2027	2052	14	14	.05677
R	14					
R	BOISE	2027	2052	2,427	2,427	.05677
	2,427					
R	GREEN PETER-FOSTER	2027	2047	130	130	.05641
R	130					
R	COLUMBIA BASIN	2027	2047	4,441	4,441	.05641
R	4,441					
R	BOISE	2027	2047	133	133	.05641
R	133					
R	GREEN PETER-FOSTER	2027	2042	938	938	.05606
R	938					
R	BONNEVILLE	2027	2042	1,074	1,074	.05606
R	1,074					
R	LOOKOUT POINT-DEXTER	2027	2039	38	38	.05584
R	38					
R	MCNARY	2027	2039	99	99	.05584
R	99					
R	ALBENI FALLS	2027	2039	120	120	.05584
R	120					
R	CHIEF JOSEPH	2027	2037	37	37	.05570
R	37					
R	LOST CREEK	2027	2037	5	5	.05570
R	5					
R	GREEN PETER-FOSTER	2027	2037	20	20	.05570
R	20					
R	MINIDOKA	2027	2037	16	16	.05570
R	16					
R	MCNARY	2027	2035	59	59	.05517
R	59					
R	LITTLE GOOSE	2027	2035	40	40	.05517
R	40					

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GENERATION FY 2001

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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	_____	_____	_____	_____	_____	_____	_____
	LOOKOUT POINT-DEXTER		2027	2035	6	6	.05517
R		6					
	LITTLE GOOSE		2027	2034	23	23	.05490
R		23					
	COUGAR		2027	2034	2	2	.05490
R		2					
	TOTAL	114,846					
2028	YAKIMA-ROZA		2028	2063	61	61	.05713
R		61					
	LOWER SNAKE F AND W		2028	2073	1,056	1,056	.05713
R		1,056					
	LOWER GRANITE		2028	2078	1,627	1,627	.05713
R		1,627					
	LITTLE GOOSE		2028	2078	1,680	1,680	.05713
R		1,680					
	COLUMBIA BASIN		2028	2078	109,295	109,295	.05713
R		109,295					
	CHIEF JOSEPH		2028	2078	11,231	11,231	.05713
R		11,231					
	LITTLE GOOSE		2028	2053	37	37	.05677
R		37					
	HUNGRY HORSE		2028	2053	10,081	10,081	.05677

		Prtg.txt				
R	10,081 COLUMBIA BASIN	2028	2053	51,696	51,696	.05677
R	51,696 LOWER GRANITE	2028	2053	115	115	.05677
R	115 CHIEF JOSEPH	2028	2053	312	312	.05677
R	312 GREEN PETER-FOSTER	2028	2048	67	67	.05641
R	67 GREEN PETER-FOSTER	2028	2043	767	767	.05606
R	767 LOWER SNAKE F AND W	2028	2043	1,104	1,104	.05606
R	1,104 HUNGRY HORSE	2028	2043	440	440	.05606
R	440 LITTLE GOOSE	2028	2038	1,024	1,024	.05570
R	1,024 COUGAR	2028	2036	3	3	.05517
R	3 LOWER SNAKE F AND W	2028	2033	47	47	.05425
R	47					

TOTAL
190,643

2029	LOWER MONUMENTAL	2029	2059	243	243	.05713
R	243 THE DALLES	2029	2064	67,836	67,836	.05713
R	67,836 LOWER MONUMENTAL	2029	2079	1,646	1,646	.05713
R	1,646 LOWER MONUMENTAL	2029	2054	40	40	.05677
R	40 DETROIT-BIG CLIFF	2029	2054	201	201	.05677
R	201 DETROIT-BIG CLIFF	2029	2054	595	595	.05677
R	595 LOWER MONUMENTAL	2029	2049	304	304	.05641

		Prtg.txt				
R	304 LOWER MONUMENTAL	2029	2044	1,989	1,989	.05606
R	1,989 DETROIT-BIG CLIFF	2029	2044	89	89	.05606
R	89 DETROIT-BIG CLIFF	2029	2044	286	286	.05606
R	286 THE DALLES	2029	2039	1	1	.05570
R	1 LOWER MONUMENTAL	2029	2039	11	11	.05570
R	11 DWORSHAK	2029	2037	37	37	.05517
R	37 THE DALLES	2029	2036	46	46	.05490
R	46					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+ _____	_____	_____	_____	_____	_____	_____
R DWORSHAK	17	2029	2036	17	17	.05490
R THE DALLES	42	2029	2034	42	42	.05425
R DETROIT-BIG CLIFF	2	2029	2034	2	2	.05425
R _____	_____					

TOTAL
73,385

2030	JOHN DAY	2030	2060	522	522	.05713
R	522					
	LOOKOUT POINT-DEXTER	2030	2055	520	520	.05677
R	520					
	MCNARY	2030	2055	900	900	.05677
R	900					
	ALBENI FALLS	2030	2055	2,321	2,321	.05677
R	2,321					
	JOHN DAY	2030	2050	629	629	.05641
R	629					
	LIBBY	2030	2045	190	190	.05606
R	190					
	JOHN DAY	2030	2045	1,924	1,924	.05606
R	1,924					
	LOOKOUT POINT-DEXTER	2030	2045	73	73	.05606
R	73					
	MCNARY	2030	2045	450	450	.05606
R	450					
	LOOKOUT POINT-DEXTER	2030	2045	420	420	.05606
R	420					
	ALBENI FALLS	2030	2045	53	53	.05606
R	53					
	JOHN DAY	2030	2042	154	154	.05584
R	154					
	JOHN DAY	2030	2040	40	40	.05570
R	40					
	GREEN PETER-FOSTER	2030	2037	17	17	.05490
R	17					
	JOHN DAY	2030	2035	27	27	.05425
R	27					

TOTAL
8,240

2031	LITTLE GOOSE	2031	2061	238	238	.05713
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		Prtg.txt				
R	238					
	BONNEVILLE	2031	2076	1,073	1,073	.05713
R	1,073					
	YAKIMA-CHANDLER	2031	2056	885	885	.05677
R	885					
	LITTLE GOOSE	2031	2051	438	438	.05641
R	438					
	LITTLE GOOSE	2031	2046	1,532	1,532	.05606
R	1,532					
	BONNEVILLE	2031	2046	2,476	2,476	.05606
R	2,476					
	YAKIMA-CHANDLER	2031	2046	24	24	.05606
R	24					
	THE DALLES	2031	2043	9	9	.05584
R	9					
	LOWER SNAKE F AND W	2031	2043	513	513	.05584
R	513					
	LITTLE GOOSE	2031	2041	11	11	.05570
R	11					
	BONNEVILLE	2031	2041	107	107	.05570
R	107					
	GREEN PETER-FOSTER	2031	2039	14	14	.05517
R	14					
	LOWER SNAKE F AND W	2031	2039	107	107	.05517
R	107					
	THE DALLES	2031	2039	69	69	.05517
R	69					
	LOWER GRANITE	2031	2039	32	32	.05517
R	32					
	DETROIT-BIG CLIFF	2031	2038	5	5	.05490
R	5					
	LOWER GRANITE	2031	2038	24	24	.05490
R	24					

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YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

YEAR	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	BONNEVILLE	80	2031	2036	80	80	.05425
	TOTAL	7,637					
2032	ICE HARBOR	16,567	2032	2067	16,567	16,567	.05713
	HILLS CREEK	2,320	2032	2067	2,320	2,320	.05713
	BOISE	912	2032	2067	912	912	.05713
	BONNEVILLE	13,149	2032	2082	13,149	13,149	.05713
	MINIDOKA	2,205	2032	2057	2,205	2,205	.05677
	CHIEF JOSEPH	3,823	2032	2057	3,823	3,823	.05677
	BONNEVILLE	4,120	2032	2057	4,120	4,120	.05677
	MINIDOKA	120	2032	2047	120	120	.05606
	CHIEF JOSEPH	1,302	2032	2047	1,302	1,302	.05606
	BOISE	12	2032	2047	12	12	.05606
	ICE HARBOR	79	2032	2042	79	79	.05570

		Prtg.txt				
	LOOKOUT POINT-DEXTER	2032	2039	15	15	.05490
R	15					
	ICE HARBOR	2032	2039	15	15	.05490
R	15					
	LOWER SNAKE F AND W	2032	2039	561	561	.05490
R	561					
	BONNEVILLE	2032	2039	6	6	.05490
R	6					
	LIBBY	2032	2039	62	62	.05490
R	62					
	MCNARY	2032	2039	28	28	.05490
R	28					
	LOWER MONUMENTAL	2032	2039	23	23	.05490
R	23					

	TOTAL					
	45,319					
2033	HUNGRY HORSE	2033	2073	5,764	5,764	.05713
R	5,764					
	LOWER SNAKE F AND W	2033	2083	16,495	16,495	.05713
R	16,495					
	YAKIMA-ROZA	2033	2058	99	99	.05677
R	99					
	LOWER SNAKE F AND W	2033	2058	992	992	.05677
R	992					
	THE DALLES	2033	2053	1,892	1,892	.05641
R	1,892					
	HUNGRY HORSE	2033	2053	663	663	.05641
R	663					
	DWORSHAK	2033	2053	3,362	3,362	.05641
R	3,362					
	THE DALLES	2033	2048	1,784	1,784	.05606
R	1,784					
	YAKIMA-ROZA	2033	2048	2	2	.05606
R	2					
	DWORSHAK	2033	2048	2,881	2,881	.05606
R	2,881					

		Prtg.txt				
R	DWORSHAK	2033	2045	53	53	.05584
	53					
R	DWORSHAK	2033	2043	181	181	.05570
	181					
R	LOWER SNAKE F AND W	2033	2043	1,022	1,022	.05570
	1,022					
R	LOWER MONUMENTAL	2033	2041	44	44	.05517
	44					
R	JOHN DAY	2033	2040	5	5	.05490
	5					
R	LOST CREEK	2033	2040	1	1	.05490
	1					

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96 FINAL RATE PROPOSAL APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	LOWER SNAKE F AND W	47	2033	2038	47	47	.05425
	TOTAL	35,287					
2034	COUGAR	2,434	2034	2069	2,434	2,434	.05713
	DETROIT-BIG CLIFF	1,451	2034	2074	1,451	1,451	.05713

		Prtg.txt				
	DETROIT-BIG CLIFF	2034	2074	4,701	4,701	.05713
R	4,701					
	THE DALLES	2034	2059	2,477	2,477	.05677
R	2,477					
	DETROIT-BIG CLIFF	2034	2054	108	108	.05641
R	108					
	THE DALLES	2034	2049	1,227	1,227	.05606
R	1,227					
	DETROIT-BIG CLIFF	2034	2044	23	23	.05570
R	23					
	ICE HARBOR	2034	2042	26	26	.05517
R	26					
	DETROIT-BIG CLIFF	2034	2042	30	30	.05517
R	30					
	LITTLE GOOSE	2034	2041	23	23	.05490
R	23					
	COUGAR	2034	2041	2	2	.05490
R	2					
	DETROIT-BIG CLIFF	2034	2039	2	2	.05425
R	2					
	THE DALLES	2034	2039	42	42	.05425
R	42					

	TOTAL					
	12,546					
2035	LOWER GRANITE	2035	2065	658	658	.05713
R	658					
	MCNARY	2035	2075	31,925	31,925	.05713
R	31,925					
	LOOKOUT POINT-DEXTER	2035	2075	2,241	2,241	.05713
R	2,241					
	LOOKOUT POINT-DEXTER	2035	2075	5,390	5,390	.05713
R	5,390					
	ALBENI FALLS	2035	2075	586	586	.05713
R	586					
	LIBBY	2035	2085	4,742	4,742	.05713
R	4,742					

		Prtg.txt				
R	LIBBY	2035	2060	255	255	.05677
	255					
R	LOWER GRANITE	2035	2055	1,005	1,005	.05641
	1,005					
R	LOOKOUT POINT-DEXTER	2035	2055	427	427	.05641
	427					
R	LOOKOUT POINT-DEXTER	2035	2055	34	34	.05641
	34					
R	MCNARY	2035	2055	1,217	1,217	.05641
	1,217					
R	ALBENI FALLS	2035	2055	854	854	.05641
	854					
R	LOWER GRANITE	2035	2050	2,498	2,498	.05606
	2,498					
R	LOWER GRANITE	2035	2047	20	20	.05584
	20					
R	MCNARY	2035	2045	160	160	.05570
	160					
R	LOWER GRANITE	2035	2045	877	877	.05570
	877					
R	LOOKOUT POINT-DEXTER	2035	2045	104	104	.05570
	104					
R	ALBENI FALLS	2035	2045	1,101	1,101	.05570
	1,101					
R	LITTLE GOOSE	2035	2043	40	40	.05517
	40					
R	LOOKOUT POINT-DEXTER	2035	2043	6	6	.05517
	6					
R	MCNARY	2035	2043	59	59	.05517
	59					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
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Prtg.txt

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	R	JOHN DAY	2035	2040	27	27	.05425
		27					

		TOTAL					
		54,226					
2036	R	YAKIMA-CHANDLER	2036	2076	469	469	.05713
		469					
	R	YAKIMA-CHANDLER	2036	2056	85	85	.05641
		85					
	R	LIBBY	2036	2056	607	607	.05641
		607					
	R	ICE HARBOR	2036	2056	192	192	.05641
		192					
	R	LIBBY	2036	2051	1,728	1,728	.05606
		1,728					
	R	YAKIMA-CHANDLER	2036	2046	56	56	.05570
		56					
	R	LIBBY	2036	2046	62	62	.05570
		62					
	R	COUGAR	2036	2044	3	3	.05517
		3					
	R	DWORSHAK	2036	2043	17	17	.05490
		17					
	R	THE DALLES	2036	2043	46	46	.05490
		46					
	R	BONNEVILLE	2036	2041	80	80	.05425
		80					

		TOTAL					

3,345

2037	MINIDOKA	2037	2067	67	67	.05713
R	67					
	LOST CREEK	2037	2067	17	17	.05713
R	17					
	COLUMBIA BASIN	2037	2067	1,966	1,966	.05713
R	1,966					
	GREEN PETER-FOSTER	2037	2072	3,709	3,709	.05713
R	3,709					
	MINIDOKA	2037	2077	5,940	5,940	.05713
R	5,940					
	MINIDOKA	2037	2077	1,540	1,540	.05713
R	1,540					
	CHIEF JOSEPH	2037	2077	25,221	25,221	.05713
R	25,221					
	COLUMBIA BASIN	2037	2082	43,897	43,897	.05713
R	43,897					
	ICE HARBOR	2037	2062	1,559	1,559	.05677
R	1,559					
	HILLS CREEK	2037	2062	149	149	.05677
R	149					
	LOST CREEK	2037	2057	72	72	.05641
R	72					
	MINIDOKA	2037	2057	88	88	.05641
R	88					
	CHIEF JOSEPH	2037	2057	1,989	1,989	.05641
R	1,989					
	MINIDOKA	2037	2057	261	261	.05641
R	261					
	HILLS CREEK	2037	2052	470	470	.05606
R	470					
	MINIDOKA	2037	2052	80	80	.05606
R	80					
	COLUMBIA BASIN	2037	2052	795	795	.05606
R	795					
	ICE HARBOR	2037	2052	822	822	.05606
R	822					
	LOST CREEK	2037	2052	36	36	.05606

		Prtg.txt				
R	BONNEVILLE	36	2037	2049	140	.05584
R	GREEN PETER-FOSTER	140	2037	2047	20	.05570
R	CHIEF JOSEPH	20	2037	2047	37	.05570
R	MINIDOKA	37	2037	2047	16	.05570
R		16				

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96 FINAL RATE PROPOSAL APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
	LOST CREEK	5	2037	2047	5	5	.05570
R	DWORSHAK	37	2037	2045	37	37	.05517
R	GREEN PETER-FOSTER	17	2037	2044	17	17	.05490
	TOTAL	88,950					
2038	COLUMBIA BASIN	2,206	2038	2068	2,206	2,206	.05713
R	GREEN PETER-FOSTER		2038	2073	1,826	1,826	.05713

		Prtg.txt				
R	1,826					
	YAKIMA-ROZA	2038	2078	119	119	.05713
R	119					
	LOWER GRANITE	2038	2058	308	308	.05641
R	308					
	LITTLE GOOSE	2038	2058	191	191	.05641
R	191					
	YAKIMA-ROZA	2038	2058	8	8	.05641
R	8					
	COLUMBIA BASIN	2038	2058	5,196	5,196	.05641
R	5,196					
	CHIEF JOSEPH	2038	2058	646	646	.05641
R	646					
	COLUMBIA BASIN	2038	2053	1,073	1,073	.05606
R	1,073					
	CHIEF JOSEPH	2038	2053	184	184	.05606
R	184					
	LOWER GRANITE	2038	2053	308	308	.05606
R	308					
	DETROIT-BIG CLIFF	2038	2050	17	17	.05584
R	17					
	LITTLE GOOSE	2038	2048	1,024	1,024	.05570
R	1,024					
	LOWER GRANITE	2038	2045	24	24	.05490
R	24					
	DETROIT-BIG CLIFF	2038	2045	5	5	.05490
R	5					
	LOWER SNAKE F AND W	2038	2043	47	47	.05425
R	47					

TOTAL
13,182

2039	LOWER MONUMENTAL	2039	2074	10,138	10,138	.05713
R	10,138					
	THE DALLES	2039	2079	42,831	42,831	.05713
R	42,831					
	COUGAR	2039	2064	129	129	.05677

		Prtg.txt				
R	129					
	THE DALLES	2039	2059	1,207	1,207	.05641
R	1,207					
	LOWER MONUMENTAL	2039	2059	305	305	.05641
R	305					
	COUGAR	2039	2054	43	43	.05606
R	43					
	LOOKOUT POINT-DEXTER	2039	2051	38	38	.05584
R	38					
	MCNARY	2039	2051	99	99	.05584
R	99					
	ALBENI FALLS	2039	2051	120	120	.05584
R	120					
	LOWER MONUMENTAL	2039	2049	11	11	.05570
R	11					
	THE DALLES	2039	2049	1	1	.05570
R	1					
	THE DALLES	2039	2047	69	69	.05517
R	69					
	LOWER GRANITE	2039	2047	32	32	.05517
R	32					
	GREEN PETER-FOSTER	2039	2047	14	14	.05517
R	14					
	LOWER SNAKE F AND W	2039	2047	107	107	.05517
R	107					
	LOOKOUT POINT-DEXTER	2039	2046	15	15	.05490
R	15					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

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 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT IN-SERVICE DUE GROSS NET RATE

REPLACEMENT		AMOUNT	Prtg.txt				
+							
	R	LIBBY	2039	2046	62	62	.05490
	R	ICE HARBOR	2039	2046	15	15	.05490
	R	LOWER MONUMENTAL	2039	2046	23	23	.05490
	R	LOWER SNAKE F AND W	2039	2046	561	561	.05490
	R	BONNEVILLE	2039	2046	6	6	.05490
	R	MCNARY	2039	2046	28	28	.05490
	R	THE DALLES	2039	2044	42	42	.05425
	R	DETROIT-BIG CLIFF	2039	2044	2	2	.05425

		TOTAL					
		55,898					
2040	R	JOHN DAY	2040	2075	44,679	44,679	.05713
	R	JOHN DAY	2040	2050	40	40	.05570
	R	JOHN DAY	2040	2047	5	5	.05490
	R	LOST CREEK	2040	2047	1	1	.05490
	R	JOHN DAY	2040	2045	27	27	.05425

		TOTAL					
		44,752					

Prtg.txt

2041	LITTLE GOOSE	2041	2076	12,372	12,372	.05713
R	12,372					
	BONNEVILLE	2041	2091	20,700	20,700	.05713
R	20,700					
	BONNEVILLE	2041	2066	2,492	2,492	.05677
R	2,492					
	BONNEVILLE	2041	2061	597	597	.05641
R	597					
	LITTLE GOOSE	2041	2051	11	11	.05570
R	11					
	BONNEVILLE	2041	2051	107	107	.05570
R	107					
	LOWER MONUMENTAL	2041	2049	44	44	.05517
R	44					
	COUGAR	2041	2048	2	2	.05490
R	2					
	LITTLE GOOSE	2041	2048	23	23	.05490
R	23					
	BONNEVILLE	2041	2046	80	80	.05425
R	80					

TOTAL

36,428

2042	ICE HARBOR	2042	2082	11,405	11,405	.05713
R	11,405					
	HILLS CREEK	2042	2082	1,555	1,555	.05713
R	1,555					
	MINIDOKA	2042	2067	1,846	1,846	.05677
R	1,846					
	GREEN PETER-FOSTER	2042	2067	430	430	.05677
R	430					
	HILLS CREEK	2042	2062	49	49	.05641
R	49					
	ICE HARBOR	2042	2062	1,429	1,429	.05641
R	1,429					
	GREEN PETER-FOSTER	2042	2057	938	938	.05606

		Prtg.txt				
R	938					
	BONNEVILLE	2042	2057	1,074	1,074	.05606
R	1,074					
	JOHN DAY	2042	2054	154	154	.05584
R	154					
	ICE HARBOR	2042	2052	79	79	.05570
R	79					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
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(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
	DETROIT-BIG CLIFF		2042	2050	30	30	.05517
R	30						
	ICE HARBOR		2042	2050	26	26	.05517
R	26						
	TOTAL	19,015					
2043	LOWER SNAKE F AND W		2043	2073	2,180	2,180	.05713
R	2,180						
	HUNGRY HORSE		2043	2073	445	445	.05713
R	445						
	THE DALLES		2043	2078	18,677	18,677	.05713
R	18,677						
	DWORSHAK		2043	2078	12,206	12,206	.05713

		Prtg.txt				
R	12,206					
	HUNGRY HORSE	2043	2088	6,328	6,328	.05713
R	6,328					
	GREEN PETER-FOSTER	2043	2068	156	156	.05677
R	156					
	LOWER SNAKE F AND W	2043	2063	5,134	5,134	.05641
R	5,134					
	HUNGRY HORSE	2043	2058	440	440	.05606
R	440					
	LOWER SNAKE F AND W	2043	2058	1,104	1,104	.05606
R	1,104					
	GREEN PETER-FOSTER	2043	2058	767	767	.05606
R	767					
	THE DALLES	2043	2055	9	9	.05584
R	9					
	LOWER SNAKE F AND W	2043	2055	513	513	.05584
R	513					
	LOWER SNAKE F AND W	2043	2053	1,022	1,022	.05570
R	1,022					
	DWORSHAK	2043	2053	181	181	.05570
R	181					
	LITTLE GOOSE	2043	2051	40	40	.05517
R	40					
	MCNARY	2043	2051	59	59	.05517
R	59					
	LOOKOUT POINT-DEXTER	2043	2051	6	6	.05517
R	6					
	THE DALLES	2043	2050	46	46	.05490
R	46					
	DWORSHAK	2043	2050	17	17	.05490
R	17					
	LOWER SNAKE F AND W	2043	2048	47	47	.05425
R	47					

TOTAL
49,377

2044 COUGAR 2044 2084 1,525 1,525 .05713

		Prtg.txt				
R	1,525					
	LOWER MONUMENTAL	2044	2069	840	840	.05677
R	840					
	COUGAR	2044	2064	69	69	.05641
R	69					
	DETROIT-BIG CLIFF	2044	2059	286	286	.05606
R	286					
	DETROIT-BIG CLIFF	2044	2059	89	89	.05606
R	89					
	LOWER MONUMENTAL	2044	2059	1,989	1,989	.05606
R	1,989					
	DETROIT-BIG CLIFF	2044	2054	23	23	.05570
R	23					
	COUGAR	2044	2052	3	3	.05517
R	3					
	GREEN PETER-FOSTER	2044	2051	17	17	.05490
R	17					
	DETROIT-BIG CLIFF	2044	2049	2	2	.05425
R	2					
	THE DALLES	2044	2049	42	42	.05425
R	42					

TOTAL						
4,885						

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
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		Prtg.txt				
2045	LOWER GRANITE	2045	2080	8,333	8,333	.05713
R	8,333					
	JOHN DAY	2045	2070	3,411	3,411	.05677
R	3,411					
	LOOKOUT POINT-DEXTER	2045	2060	73	73	.05606
R	73					
	LOOKOUT POINT-DEXTER	2045	2060	420	420	.05606
R	420					
	LIBBY	2045	2060	190	190	.05606
R	190					
	JOHN DAY	2045	2060	1,924	1,924	.05606
R	1,924					
	MCNARY	2045	2060	450	450	.05606
R	450					
	ALBENI FALLS	2045	2060	53	53	.05606
R	53					
	DWORSHAK	2045	2057	53	53	.05584
R	53					
	LOWER GRANITE	2045	2055	877	877	.05570
R	877					
	LOOKOUT POINT-DEXTER	2045	2055	104	104	.05570
R	104					
	MCNARY	2045	2055	160	160	.05570
R	160					
	ALBENI FALLS	2045	2055	1,101	1,101	.05570
R	1,101					
	DWORSHAK	2045	2053	37	37	.05517
R	37					
	DETROIT-BIG CLIFF	2045	2052	5	5	.05490
R	5					
	LOWER GRANITE	2045	2052	24	24	.05490
R	24					
	JOHN DAY	2045	2050	27	27	.05425
R	27					

TOTAL
17,242

2046	YAKIMA-CHANDLER	2046	2076	56	56	.05713
R	56					
	LIBBY	2046	2081	9,558	9,558	.05713
R	9,558					
	ICE HARBOR	2046	2081	6,359	6,359	.05713
R	6,359					
	BONNEVILLE	2046	2081	70,617	70,617	.05713
R	70,617					
	YAKIMA-CHANDLER	2046	2091	726	726	.05713
R	726					
	LITTLE GOOSE	2046	2071	962	962	.05677
R	962					
	LITTLE GOOSE	2046	2061	1,532	1,532	.05606
R	1,532					
	YAKIMA-CHANDLER	2046	2061	24	24	.05606
R	24					
	BONNEVILLE	2046	2061	2,476	2,476	.05606
R	2,476					
	LIBBY	2046	2056	62	62	.05570
R	62					
	YAKIMA-CHANDLER	2046	2056	56	56	.05570
R	56					
	LOWER MONUMENTAL	2046	2053	23	23	.05490
R	23					
	MCNARY	2046	2053	28	28	.05490
R	28					
	ICE HARBOR	2046	2053	15	15	.05490
R	15					
	LIBBY	2046	2053	62	62	.05490
R	62					
	LOOKOUT POINT-DEXTER	2046	2053	15	15	.05490
R	15					
	LOWER SNAKE F AND W	2046	2053	561	561	.05490
R	561					
	BONNEVILLE	2046	2053	6	6	.05490
R	6					

	BONNEVILLE		Prtg.txt				
R		80	2046	2051	80	80	.05425

TOTAL
93,218

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+	-----	-----	-----	-----	-----	-----	-----
2047	MINIDOKA		2047	2077	82	82	.05713
R		82					
	BOISE		2047	2077	62	62	.05713
R		62					
	LOST CREEK		2047	2082	1,498	1,498	.05713
R		1,498					
	BONNEVILLE		2047	2082	51	51	.05713
R		51					
	GREEN PETER-FOSTER		2047	2087	1,917	1,917	.05713
R		1,917					
	BOISE		2047	2087	753	753	.05713
R		753					
	MINIDOKA		2047	2092	3,771	3,771	.05713
R		3,771					
	COLUMBIA BASIN		2047	2097	141,024	141,024	.05713
R		141,024					

		Prtg.txt				
R	COLUMBIA BASIN	2047	2072	43,959	43,959	.05677
	43,959					
R	GREEN PETER-FOSTER	2047	2067	130	130	.05641
	130					
R	COLUMBIA BASIN	2047	2067	4,441	4,441	.05641
	4,441					
R	BOISE	2047	2067	133	133	.05641
	133					
R	CHIEF JOSEPH	2047	2062	1,302	1,302	.05606
	1,302					
R	BOISE	2047	2062	12	12	.05606
	12					
R	MINIDOKA	2047	2062	120	120	.05606
	120					
R	LOWER GRANITE	2047	2059	20	20	.05584
	20					
R	MINIDOKA	2047	2057	16	16	.05570
	16					
R	LOST CREEK	2047	2057	5	5	.05570
	5					
R	CHIEF JOSEPH	2047	2057	37	37	.05570
	37					
R	GREEN PETER-FOSTER	2047	2057	20	20	.05570
	20					
R	GREEN PETER-FOSTER	2047	2055	14	14	.05517
	14					
R	LOWER GRANITE	2047	2055	32	32	.05517
	32					
R	THE DALLES	2047	2055	69	69	.05517
	69					
R	LOWER SNAKE F AND W	2047	2055	107	107	.05517
	107					
R	JOHN DAY	2047	2054	5	5	.05490
	5					
R	LOST CREEK	2047	2054	1	1	.05490
	1					

TOTAL

Prtg.txt

199,581

2048	YAKIMA-ROZA	2048	2078	5	5	.05713
R	5					
	LOWER GRANITE	2048	2083	9,814	9,814	.05713
R	9,814					
	LITTLE GOOSE	2048	2083	9,654	9,654	.05713
R	9,654					
	COLUMBIA BASIN	2048	2083	51,524	51,524	.05713
R	51,524					
	CHIEF JOSEPH	2048	2083	63,565	63,565	.05713
R	63,565					
	GREEN PETER-FOSTER	2048	2088	1,648	1,648	.05713
R	1,648					
	YAKIMA-ROZA	2048	2093	198	198	.05713
R	198					
	DWORSHAK	2048	2073	7,259	7,259	.05677
R	7,259					
	THE DALLES	2048	2073	219	219	.05677
R	219					
	GREEN PETER-FOSTER	2048	2068	67	67	.05641
R	67					

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR PAID-----INVESTMENT

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
DWORSHAK		2048	2063	2,881	2,881	.05606

		Prtg.txt				
R	2,881					
	YAKIMA-ROZA	2048	2063	2	2	.05606
R	2					
	THE DALLES	2048	2063	1,784	1,784	.05606
R	1,784					
	LITTLE GOOSE	2048	2058	1,024	1,024	.05570
R	1,024					
	COUGAR	2048	2055	2	2	.05490
R	2					
	LITTLE GOOSE	2048	2055	23	23	.05490
R	23					
	LOWER SNAKE F AND W	2048	2053	47	47	.05425
R	47					

	TOTAL					
	149,716					
2049	LOWER MONUMENTAL	2049	2084	9,326	9,326	.05713
R	9,326					
	LOWER MONUMENTAL	2049	2089	10,387	10,387	.05713
R	10,387					
	LOWER MONUMENTAL	2049	2069	304	304	.05641
R	304					
	THE DALLES	2049	2064	1,227	1,227	.05606
R	1,227					
	BONNEVILLE	2049	2061	140	140	.05584
R	140					
	LOWER MONUMENTAL	2049	2059	11	11	.05570
R	11					
	THE DALLES	2049	2059	1	1	.05570
R	1					
	LOWER MONUMENTAL	2049	2057	44	44	.05517
R	44					
	DETROIT-BIG CLIFF	2049	2054	2	2	.05425
R	2					
	THE DALLES	2049	2054	42	42	.05425
R	42					

TOTAL						
		21,484				
2050	JOHN DAY	2050	2090	27,854	27,854	.05713
R		27,854				
	LOWER GRANITE	2050	2075	204	204	.05677
R		204				
	JOHN DAY	2050	2070	629	629	.05641
R		629				
	LOWER GRANITE	2050	2065	2,498	2,498	.05606
R		2,498				
	DETROIT-BIG CLIFF	2050	2062	17	17	.05584
R		17				
	JOHN DAY	2050	2060	40	40	.05570
R		40				
	ICE HARBOR	2050	2058	26	26	.05517
R		26				
	DETROIT-BIG CLIFF	2050	2058	30	30	.05517
R		30				
	DWORSHAK	2050	2057	17	17	.05490
R		17				
	THE DALLES	2050	2057	46	46	.05490
R		46				
	JOHN DAY	2050	2055	27	27	.05425
R		27				

TOTAL						
		31,388				

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APPLICATION OF AMORTIZATION GENERATION FY 2001 REPAYMENT STUDY FOR 19
 96 FINAL RATE PROPOSAL

YEAR ----- INVESTMENT
 PAID-----

(ALL AMOUNT IN \$1000)

	PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE
+							
2051	LITTLE GOOSE		2051	2091	10,382	10,382	.05713
R		10,382					
	LIBBY		2051	2076	2,397	2,397	.05677
R		2,397					
	ICE HARBOR		2051	2076	42	42	.05677
R		42					
	LITTLE GOOSE		2051	2071	438	438	.05641
R		438					
	LIBBY		2051	2066	1,728	1,728	.05606
R		1,728					
	MCNARY		2051	2063	99	99	.05584
R		99					
	LOOKOUT POINT-DEXTER		2051	2063	38	38	.05584
R		38					
	ALBENI FALLS		2051	2063	120	120	.05584
R		120					
	LITTLE GOOSE		2051	2061	11	11	.05570
R		11					
	BONNEVILLE		2051	2061	107	107	.05570
R		107					
	LOOKOUT POINT-DEXTER		2051	2059	6	6	.05517
R		6					
	MCNARY		2051	2059	59	59	.05517
R		59					
	LITTLE GOOSE		2051	2059	40	40	.05517
R		40					
	GREEN PETER-FOSTER		2051	2058	17	17	.05490
R		17					
	BONNEVILLE		2051	2056	80	80	.05425
R		80					

TOTAL
15,564

0 GRAND TOTAL
8,593,248
0 TOTAL DEFERRAL
0

0 NET
8,593,248
1