

REPAYMENT STUDY INPUT PARAMETERS

07/11/96

ACCURACY: .000050
LOW INITIAL VALUE: 1.000
HIGH INITIAL VALUE: 1.500
YEAR RUN: 2001
CYCLE: TI6
CB REPL: DUM
BPA REPL: I96

FINAL REPORTS REQUESTED:

CODE NAME
2 SIX PAGE MASTER SUMMARY TABLES
7 PRINCIPAL X RATE = INTEREST
8 LIST INTEREST BY YEAR AND PROJECT
9 APPLICATION OF AMORTIZATION
A LIST AMORTIZATION BY YEAR AND BY PROJECT

COMMENT: TRN REVISED 2001 RATE CASE 1996

INPUT CARDS ONLY

N1 REVISED REPAYMENT STUDY FOR 1996 FINAL RATE FILING
N2 OCTOBER 1,2000 - SEPTEMBER 30,2001 COST EVALUATION PERIOD
N3 REPAY 01 TS6 - TRANSMISSION - FINAL - 1996 INCLUDES DEBT BUYOUT
N0 TRANSMISSION

11996 0 0 0 200220462046
OHISTORICAL YEAR: 1996
HISTORICAL CUMULATIVE REVENUES: 0
HISTORICAL CUMULATIVE PURCHASE & EXCHANGE: 0
HISTORICAL CUMULATIVE IRRIGATION INVESTMENT: 0
YEAR OF THE RATE CHANGE: 2002
LAST YEAR OF REPAYMENT PERIOD: 2046

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

21997 321327 341931 346912 349368 340429 335220 335220 2370407
22003 335220 335220 335220 335220 335220 335220 335220 2346540
22010 335220 335220 335220 335220 335220 335220 335220 2346540
22017 335220 335220 335220 335220 335220 335220 335220 2346540
22024 335220 335220 335220 335220 335220 335220 335220 2346540

22031	335220	335220	335220	335220	335220	335220	335220	2346540
22038	335220	335220	335220	335220	335220	335220	335220	2346540
22045	335220	335220	335220	335220	335220	335220	335220	2346540
22052	335220	335220					670440	
	3003087	3023691	2693452	2695908	2686969	2681760	2681760	19466627 = TOTAL

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	0	0	0
32011	0	0	0	0
32014	0	0	0	0
32017	0	0	0	0
32020	0	0	0	0
32023	0	0	0	0
32026	0	0	0	0
32029	0	0	0	0
32032	0	0	0	0
32035	0	0	0	0
32038	0	0	0	0
32041	0	0	0	0
32044	0	0	0	0
32047	0	0	0	0
32050	0	0	0	0
	0	0	0	0 = TOTAL FOR 3

CAPITALIZED CONTRACTUAL OBLIGATIONS

41997	0	0	0	0	0	-1087	-1117	-2204
42004	-1148	-1178	-1207	-1236	-1264	-1292	-1319	-8644
42011	-1346	-1372	-1397	-1422	-1447	-1470	-1493	-9947
42018	-1517	-1538	-1559	-1580	-1600	-1618	-1636	-11048
42025	-1655	-1671	-1686	-1701	-1715	-1726	-1737	-11891
42032	-1747	-1755	-1761	-1766	-1771	-1771	-1766	-12337
42039	-1760	-1754	-1751	-1748	-1745	-1746	-1763	-12267
42046	-1782						-1782	
	-10955	-9268	-9361	-9453	-9542	-10710	-10831	-70120 = TOTAL 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 POWER 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	ICEH	ICE HARBOR
5	JOHN	JOHN DAY
5	LIBB	LIBBY
5	LITT	LITTLE GOOSE
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	MINI	MINIDOKA
5	STRU	STRUBE
5	THED	THE DALLES
5	YAKC	YAKIMA-CHANDLER
5	YAKR	YAKIMA-ROZA
5	ZABF	BPA PROGRAM
5	ZADB	BUREAU DIRECT FUND
5	ZAFW	FISH, WILDLIFE & ENVIRONMENTAL
5	ZBPA	BONNEVILLE POWER ADMINISTRATION

HISTORICAL

	O & M	INTEREST	
5	ALBEX	0 0	0
5	BOISX	0 0	0
5	BONNX	0 0	0
5	CHIEX	0 0	0
5	COLUX	0 0	0
5	COUGX	0 0	0
5	DETRX	0 0	0
5	DWORX	0 0	0
5	GREEX	0 0	0
5	HILLX	0 0	0
5	HUNGX	0 0	0
5	ICEHX	0 0	0
5	JOHNX	0 0	0
5	LIBBX	0 0	0
5	LITTX	0 0	0
5	LOOKX	0 0	0
5	LOSTX	0 0	0
5	LOWGX	0 0	0
5	LOWMX	0 0	0
5	MCNAX	0 0	0
5	MINIX	0 0	0
5	THEDX	0 0	0
5	YAKCX	0 0	0
5	YAKRX	0 0	0
5	ZBPAX	0 0	0
5	ZACOX	0 0	0
	0	0	0 = TOTAL FOR 5

PROJECTED O & M

61996ALBE	0
61996BONN	81
61997BONN	81
61998BONN	85
61999BONN	85
62000BONN	87
62001BONN	93
61996CHIE	0
61996COUG	0
61996DETR	0
61996DWOR	32
61997DWOR	32
61998DWOR	35
61999DWOR	36
62000DWOR	38
62001DWOR	40
61996GREE	0
61996HILL	0
61996ICEH	43
61997ICEH	43
61998ICEH	47
61999ICEH	48
62000ICEH	50
62001ICEH	53
61996JOHN	0
61996LIBB	0
61996LITT	0
61996LOOK	0
61996LOST	0
61996LOWG	0
61996LOWM	0
61996MCNA	0
61996THED	0
61996BOIS	174
61997BOIS	173
61998BOIS	188
61999BOIS	154
62000BOIS	131
62001BOIS	58
61996COLU	3915
61997COLU	3847
61998COLU	4184
61999COLU	4344
62000COLU	4469
62001COLU	4607
61996HUNG	20
61997HUNG	19
61998HUNG	20
61999HUNG	20
62000HUNG	21
62001HUNG	22
61996MINI	271
61997MINI	107
61998MINI	74
61999MINI	77

62000MINI	79	
62001MINI	82	
61996YAKC	98	
61997YAKC	98	
61998YAKC	109	
61999YAKC	114	
62000YAKC	116	
62001YAKC	118	
61996YAKR	97	
61997YAKR	98	
61998YAKR	109	
61999YAKR	113	
62000YAKR	116	
62001YAKR	118	
61996LSFW	0	
29369		29369 = TOTAL FOR 6

61994ZABF	0	
0		0 = TOTAL FOR 6

HISTORICAL FEDERAL INVESTMENTS

ORIGINAL CURRENT INTEREST DUE INSERVICE CALENDAR
PROJECT PRINCIPAL PRINCIPAL RATE DATE DATE MONTH

6 1996 BOIS X	285	0 .03000	1962	1912
6 1996 BOIS X	190	0 .03000	1976	1926
6 1996 BOIS X	95	0 .03000	2000	1950
6 1996 BOIS X	428	0 .03000	2001	1951
6 1996 BOIS X	3	0 .03000	2001 R	1952
6 1996 BOIS X	3	0 .03000	2001 R	1953
6 1996 BOIS X	3	0 .03000	2001 R	1954
6 1996 BOIS X	3	0 .03000	2001 R	1955
6 1996 BOIS X	3	0 .03000	2001 R	1956
6 1996 BOIS X	3	0 .03000	2001 R	1957
6 1996 BOIS X	3	0 .03000	2001 R	1958
6 1996 BOIS X	3	0 .03000	2001 R	1959
6 1996 BOIS X	3	0 .03000	2001 R	1960
6 1996 BOIS X	3	0 .03000	2001 R	1961
6 1996 BOIS X	3	0 .03000	2001 R	1962
6 1996 BOIS X	3	0 .03000	2001 R	1963
6 1996 BOIS X	3	0 .03000	2001 R	1964
6 1996 BOIS X	3	0 .03000	2001 R	1965
6 1996 BOIS X	3	0 .03000	2001 R	1966
6 1996 BOIS X	3	0 .03000	2001 R	1967
6 1996 BOIS X	3	0 .03000	2001 R	1968
6 1996 BOIS X	3	0 .03000	2001 R	1969
6 1996 BOIS X	3	0 .03000	2001 R	1970
6 1996 BOIS X	3	0 .03000	2001 R	1971
6 1996 BOIS X	3	0 .03000	2001 R	1972
6 1996 BOIS X	3	0 .03000	2001 R	1973
6 1996 BOIS X	3	0 .03000	2001 R	1974
6 1996 BOIS X	3	0 .03000	2001 R	1975

6	1996	BOIS X	3	0	.03000	2001 R	1976
6	1996	BOIS X	3	0	.03000	2001 R	1977
6	1996	BOIS X	3	0	.03000	2001 R	1978
6	1996	BOIS X	3	0	.03000	2001 R	1979
6	1996	BOIS X	4	0	.03000	2001 R	1980
6	1996	BOIS X	2	0	.03000	2001 R	1981
6	1996	BOIS X	1	0	.03000	2001 R	1982
6	1996	BOIS X	2	0	.03000	2001 R	1983
6	1996	BOIS X	303	0	.10750	2001 R	1984
6	1996	BON2 X	502	502	.06490	2031 A	1981
6	1996	BON2 X	2495	2495	.06490	2032 A	1982
6	1996	BON2 X	765	765	.06490	2033 A	1983
6	1996	BONN X	130	0	.02500	1988	1938
6	1996	BONN X	196	0	.02500	1991	1941
6	1996	BONN X	65	0	.02500	1992	1942
6	1996	BONN X	196	0	.02500	1993	1943
6	1996	BONN X	65	0	.02500	1994	1944
6	1996	BONN X	1	0	.02500	1994 R	1945
6	1996	BONN X	1	0	.02500	1994 R	1946
6	1996	BONN X	1	0	.02500	1994 R	1947
6	1996	BONN X	1	0	.02500	1994 R	1948
6	1996	BONN X	1	0	.02500	1994 R	1949
6	1996	BONN X	1	0	.02500	1994 R	1950
6	1996	BONN X	1	0	.02500	1994 R	1951
6	1996	BONN X	1	0	.02500	1994 R	1952
6	1996	BONN X	1	0	.02500	1994 R	1953
6	1996	BONN X	1	0	.02500	1994 R	1954
6	1996	BONN X	1	0	.02500	1994 R	1955
6	1996	BONN X	1	0	.02500	1994 R	1956
6	1996	BONN X	1	0	.02500	1994 R	1957
6	1996	BONN X	1	0	.02500	1994 R	1958
6	1996	BONN X	1	0	.02500	1994 R	1959
6	1996	BONN X	1	0	.02500	1994 R	1960
6	1996	BONN X	1	0	.02500	1994 R	1961
6	1996	BONN X	1	0	.02500	1994 R	1962
6	1996	BONN X	1	0	.02500	1994 R	1963
6	1996	BONN X	1	0	.02500	1994 R	1964
6	1996	BONN X	1	0	.02500	1994 R	1965
6	1996	BONN X	1	0	.02500	1994 R	1966
6	1996	BONN X	1	0	.02500	1994 R	1967
6	1996	BONN X	1	0	.02500	1994 R	1968
6	1996	BONN X	1	0	.02500	1994 R	1969
6	1996	BONN X	1	0	.02500	1994 R	1970
6	1996	BONN X	1	0	.02500	1994 R	1971
6	1996	BONN X	1	0	.02500	1994 R	1972
6	1996	BONN X	1	0	.02500	1994 R	1973
6	1996	BONN X	1	0	.02500	1994 R	1974
6	1996	BONN X	1	0	.02500	1994 R	1975
6	1996	BONN X	1	0	.02500	1994 R	1976
6	1996	BONN X	1	0	.02500	1994 R	1977
6	1996	BONN X	1	0	.02500	1994 R	1978
6	1996	BONN X	1	0	.02500	1994 R	1979
6	1996	BONN X	1	0	.02500	1994 R	1980
6	1996	BONN X	1	0	.02500	1994 R	1981
6	1996	BONN X	1	0	.02500	1994 R	1982
6	1996	BONN X	1	0	.02500	1994 R	1983

6	1996	BONN X	10	0	.10750	1994 R	1984
6	1996	COL3 X	9469	8202	.06470	2025 A	1975
6	1996	COL3 X	8834	8834	.06490	2026 A	1976
6	1996	COL3 X	8761	8761	.06490	2027 A	1977
6	1996	COL3 X	8692	8692	.06490	2028 A	1978
6	1996	COL3 X	17254	17254	.06490	2029 A	1979
6	1996	COL3 X	3486	3486	.06490	2033 A	1984
6	1996	COL3 X	2273	2273	.06490	2033 A	1985
6	1996	COL3 X	2041	2041	.06490	2033 A	1986
6	1996	COL3 X	1908	1908	.06490	2033 A	1987
6	1996	COL3 X	2531	2531	.06490	2033 A	1988
6	1996	COLU X	1505	0	.03000	1991	1941
6	1996	COLU X	3011	0	.03000	1992	1942
6	1996	COLU X	1505	0	.03000	1993	1943
6	1996	COLU X	3011	0	.03000	1994	1944
6	1996	COLU X	4516	0	.03000	1998	1948
6	1996	COLU X	4516	0	.03000	1999	1949
6	1996	COLU X	3011	0	.03000	2000	1950
6	1996	COLU X	5847	1494	.05810	2001	1951
6	1996	COLU X	50	50	.05810	2001 R	1952
6	1996	COLU X	50	50	.05810	2001 R	1953
6	1996	COLU X	50	50	.05810	2001 R	1954
6	1996	COLU X	50	50	.05810	2001 R	1955
6	1996	COLU X	50	50	.05810	2001 R	1956
6	1996	COLU X	50	50	.05810	2001 R	1957
6	1996	COLU X	50	50	.05810	2001 R	1958
6	1996	COLU X	50	50	.05810	2001 R	1959
6	1996	COLU X	50	50	.05810	2001 R	1960
6	1996	COLU X	50	50	.05810	2001 R	1961
6	1996	COLU X	50	50	.05810	2001 R	1962
6	1996	COLU X	50	50	.05810	2001 R	1963
6	1996	COLU X	50	50	.05810	2001 R	1964
6	1996	COLU X	50	50	.05810	2001 R	1965
6	1996	COLU X	50	50	.05810	2001 R	1966
6	1996	COLU X	50	50	.05810	2001 R	1967
6	1996	COLU X	50	50	.05810	2001 R	1968
6	1996	COLU X	50	50	.05810	2001 R	1969
6	1996	COLU X	50	50	.05810	2001 R	1970
6	1996	COLU X	50	50	.05810	2001 R	1971
6	1996	COLU X	50	50	.05810	2001 R	1972
6	1996	COLU X	50	50	.05810	2001 R	1973
6	1996	COLU X	50	50	.05810	2001 R	1974
6	1996	COLU X	50	50	.05810	2001 R	1975
6	1996	COLU X	50	50	.05810	2001 R	1976
6	1996	COLU X	50	50	.05810	2001 R	1977
6	1996	COLU X	50	50	.05810	2001 R	1978
6	1996	COLU X	50	50	.05810	2001 R	1979
6	1996	COLU X	50	50	.05810	2001 R	1980
6	1996	COLU X	50	50	.05810	2001 R	1981
6	1996	COLU X	50	50	.05810	2001 R	1982
6	1996	COLU X	50	50	.05810	2001 R	1983
6	1996	COLU X	1455	0	.10750	2001 R	1984
6	1996	COLU X	362	0	.12375	2001 R	1985
6	1996	COLU X	12	12	.05810	2001	1985
6	1996	COLU X	2	0	.08500	2001 R	1988
6	1996	COLU X	652	0	.08500	2001	1992

6	1996	DWOR X	929	896	.06430	2023	1973
6	1996	DWOR X	4	4	.06430	2023 R	1974
6	1996	DWOR X	4	4	.06430	2023 R	1975
6	1996	DWOR X	4	4	.06430	2023 R	1976
6	1996	DWOR X	4	4	.06430	2023 R	1977
6	1996	DWOR X	4	4	.06430	2023 R	1978
6	1996	DWOR X	4	4	.06430	2023 R	1979
6	1996	DWOR X	4	4	.06430	2023 R	1980
6	1996	DWOR X	4	4	.06430	2023 R	1981
6	1996	DWOR X	4	4	.06430	2023 R	1982
6	1996	DWOR X	4	4	.06430	2023 R	1983
6	1996	DWOR X	15	0	.10750	2023 R	1984
6	1996	HUNG X	2152	516	.05950	2003	1953
6	1996	HUNG X	1	1	.05950	2003 R	1954
6	1996	HUNG X	1	1	.05950	2003 R	1955
6	1996	HUNG X	1	1	.05950	2003 R	1956
6	1996	HUNG X	1	1	.05950	2003 R	1957
6	1996	HUNG X	1	1	.05950	2003 R	1958
6	1996	HUNG X	1	1	.05950	2003 R	1959
6	1996	HUNG X	1	1	.05950	2003 R	1960
6	1996	HUNG X	1	1	.05950	2003 R	1961
6	1996	HUNG X	1	1	.05950	2003 R	1962
6	1996	HUNG X	1	1	.05950	2003 R	1963
6	1996	HUNG X	1	1	.05950	2003 R	1964
6	1996	HUNG X	1	1	.05950	2003 R	1965
6	1996	HUNG X	1	1	.05950	2003 R	1966
6	1996	HUNG X	1	1	.05950	2003 R	1967
6	1996	HUNG X	1	1	.05950	2003 R	1968
6	1996	HUNG X	1	1	.05950	2003 R	1969
6	1996	HUNG X	1	1	.05950	2003 R	1970
6	1996	HUNG X	1	1	.05950	2003 R	1971
6	1996	HUNG X	1	1	.05950	2003 R	1972
6	1996	HUNG X	1	1	.05950	2003 R	1973
6	1996	HUNG X	1	1	.05950	2003 R	1974
6	1996	HUNG X	1	1	.05950	2003 R	1975
6	1996	HUNG X	1	1	.05950	2003 R	1976
6	1996	HUNG X	1	1	.05950	2003 R	1977
6	1996	HUNG X	1	1	.05950	2003 R	1978
6	1996	HUNG X	1	1	.05950	2003 R	1979
6	1996	HUNG X	1	1	.05950	2003 R	1980
6	1996	HUNG X	1	1	.05950	2003 R	1981
6	1996	HUNG X	1	1	.05950	2003 R	1982
6	1996	HUNG X	1	1	.05950	2003 R	1983
6	1996	HUNG X	1	0	.10750	2003 R	1984
6	1996	HUNG X	37	0	.12375	2003 R	1985
6	1996	HUNG X	9	0	.08500	2003	1992
6	1996	ICEH X	719	548	.06220	2012	1962
6	1996	ICEH X	1	1	.06220	2012 R	1963
6	1996	ICEH X	1	1	.06220	2012 R	1964
6	1996	ICEH X	1	1	.06220	2012 R	1965
6	1996	ICEH X	1	1	.06220	2012 R	1966
6	1996	ICEH X	1	1	.06220	2012 R	1967
6	1996	ICEH X	1	1	.06220	2012 R	1968
6	1996	ICEH X	1	1	.06220	2012 R	1969
6	1996	ICEH X	1	1	.06220	2012 R	1970
6	1996	ICEH X	1	1	.06220	2012 R	1971

6	1996	ICEH X	1	1	.06220	2012 R	1972
6	1996	ICEH X	1	1	.06220	2012 R	1973
6	1996	ICEH X	1	1	.06220	2012 R	1974
6	1996	ICEH X	1	1	.06220	2012 R	1975
6	1996	ICEH X	250	250	.06490	2026 A	1976
6	1996	ICEH X	1	1	.06220	2012 R	1976
6	1996	ICEH X	1	1	.06220	2012 R	1977
6	1996	ICEH X	1	1	.06220	2012 R	1978
6	1996	ICEH X	1	1	.06220	2012 R	1979
6	1996	ICEH X	1	1	.06220	2012 R	1980
6	1996	ICEH X	1	1	.06220	2012 R	1981
6	1996	ICEH X	1	1	.06220	2012 R	1982
6	1996	ICEH X	1	1	.06220	2012 R	1983
6	1996	ICEH X	1	0	.08875	2012 R	1987
6	1996	MINI X	226	0	.03000	1959	1909
6	1996	MINI X	451	0	.03000	1960	1910
6	1996	MINI X	451	0	.03000	1961	1911
6	1996	MINI X	226	0	.03000	1977	1927
6	1996	MINI X	226	0	.03000	1992	1942
6	1996	MINI X	677	0	.03000	2007	1957
6	1996	MINI X	226	0	.03000	2008	1958
6	1996	MINI X	28	0	.03000	2008 R	1959
6	1996	MINI X	29	0	.03000	2008 R	1960
6	1996	MINI X	29	0	.03000	2008 R	1961
6	1996	MINI X	28	0	.03000	2008 R	1962
6	1996	MINI X	29	0	.03000	2008 R	1963
6	1996	MINI X	28	0	.03000	2008 R	1964
6	1996	MINI X	29	0	.03000	2008 R	1965
6	1996	MINI X	29	0	.03000	2008 R	1966
6	1996	MINI X	28	0	.03000	2008 R	1967
6	1996	MINI X	29	0	.03000	2008 R	1968
6	1996	MINI X	28	0	.03000	2008 R	1969
6	1996	MINI X	29	0	.03000	2008 R	1970
6	1996	MINI X	29	0	.03000	2008 R	1971
6	1996	MINI X	28	0	.03000	2008 R	1972
6	1996	MINI X	29	0	.03000	2008 R	1973
6	1996	MINI X	28	0	.03000	2008 R	1974
6	1996	MINI X	29	0	.03000	2008 R	1975
6	1996	MINI X	29	0	.03000	2008 R	1976
6	1996	MINI X	28	0	.03000	2008 R	1977
6	1996	MINI X	22	22	.06150	2008 R	1978
6	1996	MINI X	21	21	.06150	2008 R	1979
6	1996	MINI X	22	22	.06150	2008 R	1980
6	1996	MINI X	22	22	.06150	2008 R	1981
6	1996	MINI X	21	21	.06150	2008 R	1982
6	1996	MINI X	22	22	.06150	2008 R	1983
6	1996	MINI X	11	0	.10750	2008 R	1984
6	1996	YAKC X	507	242	.06410	2022	1956
6	1996	YAKC X	1	1	.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	1	1	.06410	2022 R	1967
6	1996	YAKC X	1	1	.06410	2022 R	1968
6	1996	YAKC X	1	1	.06410	2022 R	1969
6	1996	YAKC X	1	1	.06410	2022 R	1970
6	1996	YAKC X	1	1	.06410	2022 R	1971
6	1996	YAKC X	1	1	.06410	2022 R	1972
6	1996	YAKC X	1	1	.06410	2022 R	1973
6	1996	YAKC X	1	1	.06410	2022 R	1974
6	1996	YAKC X	1	1	.06410	2022 R	1975
6	1996	YAKC X	1	1	.06410	2022 R	1976
6	1996	YAKC X	1	1	.06410	2022 R	1977
6	1996	YAKC X	10	0	.10750	2022 R	1984
6	1996	YAKR X	306	175	.06150	2008	1958
6	1996	YAKR X	5	0	.10750	2008 R	1984

110329 73717

131.37750 523310

533321

36612 = TOTAL FOR 6

6	1996	ZBPA X	6812	0	.02500	1985	1940
6	1996	ZBPA X	18906	0	.02500	1986	1941
6	1996	ZBPA X	461	0	.02500	1986 R	1941
6	1996	ZBPA X	8446	0	.02500	1987	1942
6	1996	ZBPA X	1052	0	.02500	1987 R	1942
6	1996	ZBPA X	16083	0	.02500	1988	1943
6	1996	ZBPA X	4538	0	.02500	1988 R	1943
6	1996	ZBPA X	583	0	.02500	1989	1944
6	1996	ZBPA X	249	0	.02500	1989 R	1944
6	1996	ZBPA X	1306	0	.02500	1990	1945
6	1996	ZBPA X	3366	0	.02500	1990 R	1945
6	1996	ZBPA X	2488	0	.02500	1991	1946
6	1996	ZBPA X	732	0	.02500	1991 R	1946
6	1996	ZBPA X	1330	0	.02500	1992	1947
6	1996	ZBPA X	1773	0	.02500	1992 R	1947
6	1996	ZBPA X	7468	0	.02500	1993	1948
6	1996	ZBPA X	2290	0	.02500	1993 R	1948
6	1996	ZBPA X	6809	0	.02500	1994	1949
6	1996	ZBPA X	2719	0	.02500	1994 R	1949
6	1996	ZBPA X	24111	0	.02500	1995	1950
6	1996	ZBPA X	6124	0	.02500	1995 R	1950
6	1996	ZBPA X	7040	0	.02500	1996	1951
6	1996	ZBPA X	13266	0	.02500	1996 R	1951
6	1996	ZBPA X	18610	0	.02500	1997	1952
6	1996	ZBPA X	8979	0	.02500	1997 R	1952
6	1996	ZBPA X	32639	23927	.05450	1998	1953
6	1996	ZBPA X	16085	11791	.05450	1998 R	1953
6	1996	ZBPA X	24211	24211	.05580	1999	1954
6	1996	ZBPA X	17809	17809	.05580	1999 R	1954
6	1996	ZBPA X	12222	12222	.05690	2000	1955
6	1996	ZBPA X	10626	10626	.05690	2000 R	1955
6	1996	ZBPA X	15154	15154	.05810	2001	1956
6	1996	ZBPA X	33508	33508	.05810	2001 R	1956
6	1996	ZBPA X	8313	8313	.05880	2002	1957
6	1996	ZBPA X	16745	16745	.05880	2002 R	1957
6	1996	ZBPA X	16434	16434	.05950	2003	1958
6	1996	ZBPA X	11228	11228	.05950	2003 R	1958

6	1996	ZBPA X	8647	8647	.06000	2004	1959
6	1996	ZBPA X	9395	9395	.06000	2004 R	1959
6	1996	ZBPA X	3832	3832	.06050	2005	1960
6	1996	ZBPA X	4492	4492	.06050	2005 R	1960
6	1996	ZBPA X	4778	4778	.06110	2006	1961
6	1996	ZBPA X	12053	12053	.06110	2006 R	1961
6	1996	ZBPA X	21088	21088	.06130	2007	1962
6	1996	ZBPA X	5248	5248	.06130	2007 R	1962
6	1996	ZBPA X	5283	5283	.06150	2008	1963
6	1996	ZBPA X	4692	4692	.06150	2008 R	1963
6	1996	ZBPA X	978	978	.06150	2008	1963
6	1996	ZBPA X	869	869	.06150	2008 R	1963
6	1996	ZBPA X	4996	4996	.05160	2009	1964
6	1996	ZBPA X	6907	6907	.05160	2009 R	1964
6	1996	ZBPA X	4064	4064	.06180	2010	1965
6	1996	ZBPA X	7948	7948	.06180	2010 R	1965
6	1996	ZBPA X	5701	5701	.06180	2010	1965
6	1996	ZBPA X	11146	11146	.06180	2010 R	1965
6	1996	ZBPA X	13047	13047	.06200	2011	1966
6	1996	ZBPA X	3363	3363	.06200	2011 R	1966
6	1996	ZBPA X	7326	7326	.06200	2011	1966
6	1996	ZBPA X	1889	1889	.06200	2011 R	1966
6	1996	ZBPA X	21053	21053	.06220	2012	1967
6	1996	ZBPA X	5059	5059	.06220	2012 R	1967
6	1996	ZBPA X	15843	15843	.06220	2012	1967
6	1996	ZBPA X	3807	3807	.06220	2012 R	1967
6	1996	ZBPA X	45776	45776	.06240	2013	1968
6	1996	ZBPA X	9001	9001	.06240	2013 R	1968
6	1996	ZBPA X	25861	25861	.06240	2013	1968
6	1996	ZBPA X	5085	5085	.06240	2013 R	1968
6	1996	ZBPA X	47301	47301	.06260	2014	1969
6	1996	ZBPA X	25239	25239	.06260	2014 R	1969
6	1996	ZBPA X	430	430	.06260	2014	1969
6	1996	ZBPA X	229	229	.06260	2014 R	1969
6	1996	ZBPA X	73118	73118	.06280	2015	1970
6	1996	ZBPA X	8997	8997	.06280	2015 R	1970
6	1996	ZBPA X	27471	27471	.06280	2015	1970
6	1996	ZBPA X	3380	3380	.06280	2015 R	1970
6	1996	ZBPA X	13574	13574	.06300	2016	1971
6	1996	ZBPA X	20054	20054	.06300	2016 R	1971
6	1996	ZBPA X	13574	13476	.06300	2016	1971
6	1996	ZBPA X	20054	19910	.06300	2016 R	1971
6	1996	ZBPA X	32799	32799	.06320	2017	1972
6	1996	ZBPA X	23677	23677	.06320	2017 R	1972
6	1996	ZBPA X	4442	4442	.06320	2017	1972
6	1996	ZBPA X	3206	3206	.06320	2017 R	1972
6	1996	ZBPA X	44083	37664	.06340	2018	1973
6	1996	ZBPA X	28255	24141	.06340	2018 R	1973
6	1996	ZBPA X	26670	18212	.06340	2018	1973
6	1996	ZBPA X	17094	11673	.06340	2018 R	1973
6	1996	ZBPA X	13421	13421	.06360	2019	1974
6	1996	ZBPA X	23314	23314	.06360	2019 R	1974
6	1996	ZBPA X	13977	13977	.06360	2019	1974
6	1996	ZBPA X	24283	24283	.06360	2019 R	1974
6	1996	ZBPA X	35527	35527	.06380	2020	1975
6	1996	ZBPA X	24312	24312	.06380	2020 R	1975

6	1996	ZBPA X	19025	19025	.06380	2020	1975
6	1996	ZBPA X	13020	13020	.06380	2020 R	1975
6	1996	ZBPA X	67534	67534	.06390	2021	1976
6	1996	ZBPA X	2447	2447	.06390	2021 R	1976
6	1996	ZBPA X	4354	4354	.06410	2022	1977
6	1996	ZBPA X	5934	5934	.06410	2022 R	1977
6	1996	ZBPA X	37113	37113	.06410	2022	1977
6	1996	ZBPA X	51465	9613	.06410	2022 R	1977

1429115	1184062		
	52.94600	198126	
	202671		

245053 = TOTAL FOR 6

6	1995	ZABF X	17770	0	.08950	2013	1978	09
6	1995	ZABF X	24222	0	.08950	2013 R	1978	09
6	1995	ZABF X	7010	0	.09450	2014	1979	06
6	1995	ZABF X	9804	0	.09450	2014 R	1979	06
6	1995	ZABF X	26690	0	.09450	2014	1979	06
6	1995	ZABF X	21977	0	.09450	2014 R	1979	06
6	1995	ZABF X	6026	0	.09450	2014 R	1979	06
6	1995	ZABF X	21228	0	.09900	2014	1979	09
6	1995	ZABF X	14340	0	.09900	2014 R	1979	09
6	1995	ZABF X	10610	0	.09900	2014	1979	09
6	1995	ZABF X	2888	0	.09900	2014 R	1979	09
6	1995	ZABF X	39696	0	.13000	2015	1980	09
6	1995	ZABF X	10806	0	.13000	2015 R	1980	09
6	1995	ZABF X	44811	0	.13000	2015	1980	09
6	1995	ZABF X	1469	0	.13000	2015 R	1980	09
6	1995	ZABF X	9292	0	.13000	2015	1980	09
6	1995	ZABF X	4253	0	.13000	2015 R	1980	09
6	1995	ZABF X	119775	0	.16600	2016	1981	09
6	1995	ZABF X	54821	0	.16600	2016 R	1981	09
6	1995	ZABF X	34221	0	.14400	2017	1982	12
6	1995	ZABF X	15663	0	.14400	2017 R	1982	12
6	1995	ZABF X	9975	0	.14400	2017	1982	04
6	1995	ZABF X	4566	0	.14400	2017 R	1982	04
6	1995	ZABF X	46980	0	.14400	2017	1982	04
6	1995	ZABF X	37455	0	.14400	2017 R	1982	04
6	1995	ZABF X	3677	0	.14150	2017	1982	07
6	1995	ZABF X	-3677	0	.14150	2017	1987	07
6	1995	ZABF X	2932	0	.14150	2017 R	1982	07
6	1995	ZABF X	-2932	0	.14150	2017 R	1987	07
6	1995	ZABF X	77807	0	.14150	2017	1982	07
6	1995	ZABF X	-77807	0	.14150	2017	1987	07
6	1995	ZABF X	39741	0	.10850	2018	1983	11
6	1995	ZABF X	-39741	0	.10850	2018	1988	02
6	1995	ZABF X	29806	0	.11700	2018	1983	06
6	1995	ZABF X	814	0	.12250	2018	1983	09
6	1995	ZABF X	37235	0	.12250	2018	1983	09
6	1995	ZABF X	6708	0	.12250	2018 R	1983	09
6	1995	ZABF X	25283	0	.12300	2019	1984	11
6	1995	ZABF X	4555	0	.12300	2019 R	1984	11
6	1995	ZABF X	50567	0	.13050	2019	1984	09
6	1995	ZABF X	9109	0	.13050	2019 R	1984	09
6	1995	ZABF X	84278	0	.11250	2029	1985	06
6	1995	ZABF X	15182	0	.11250	2029 R	1985	06

6	1995	ZABF X	870	0	.08150	1996	1986	03	T
6	1995	ZABF X	157	0	.08150	1996 R	1986	03	T
6	1995	ZABF X	30161	0	.08150	1996	1986	03	T
6	1995	ZABF X	68194	0	.08150	1996 R	1986	03	T
6	1995	ZABF X	5161	0	.08950	2030	1986	06	
6	1995	ZABF X	-5161	0	.08950	2030	1992	08	
6	1995	ZABF X	11668	0	.08950	2030 R	1986	06	
6	1995	ZABF X	-11668	0	.08950	2030 R	1992	08	
6	1995	ZABF X	180054	0	.08950	2030	1986	06	
6	1995	ZABF X	-180054	0	.08950	2030	1992	08	
6	1995	ZABF X	3117	0	.08950	2030 R	1986	06	
6	1995	ZABF X	-3117	0	.08950	2030 R	1992	08	
6	1995	ZABF X	40000	0	.08950	2030 R	1986	06	
6	1995	ZABF X	-40000	0	.08950	2030 R	1994	05	
6	1995	ZABF X	57354	0	.08950	2030 R	1986	06	
6	1995	ZABF X	43236	0	.09300	2031	1987	04	
6	1995	ZABF X	-43236	0	.09300	2031	1992	04	
6	1995	ZABF X	54409	0	.09300	2031 R	1987	04	
6	1995	ZABF X	-54409	0	.09300	2031 R	1992	04	
6	1995	ZABF X	96519	0	.08350	1992	1987	06	T
6	1995	ZABF X	4113	0	.09550	2017	1987	07	
6	1995	ZABF X	3274	0	.09550	2017 R	1987	07	
6	1995	ZABF X	86958	0	.09550	2017	1987	07	
6	1995	ZABF X	7903	0	.09550	2032	1987	07	
6	1995	ZABF X	3109	0	.09550	2032 R	1987	07	
6	1995	ZABF X	37342	0	.09550	2032	1987	07	
6	1995	ZABF X	43417	0	.09500	2018	1988	02	
6	1995	ZABF X	28513	0	.09500	2033	1988	02	
6	1995	ZABF X	-28513	0	.09500	2033	1994	10	
6	1995	ZABF X	27887	0	.09500	2033 R	1988	02	
6	1995	ZABF X	-27887	0	.09500	2033 R	1994	10	
6	1995	ZABF X	20677	0	.09500	2033	1988	02	
6	1995	ZABF X	-20677	0	.09500	2033	1994	10	
6	1995	ZABF X	22923	0	.09500	2033 R	1988	02	
6	1995	ZABF X	-22923	0	.09500	2033 R	1994	10	
6	1995	ZABF X	45870	0	.09500	2033 R	1988	02	
6	1995	ZABF X	-45870	0	.09500	2033 R	1994	05	
6	1995	ZABF X	9018	0	.09900	2033	1988	06	
6	1995	ZABF X	30004	0	.09900	2033 R	1988	06	
6	1995	ZABF X	16909	16909	.08950	1999	1989	05	T
6	1995	ZABF X	56257	56257	.08950	1999 R	1989	05	T
6	1995	ZABF X	1149	1149	.09250	2030	1990	01	10
6	1995	ZABF X	3824	3824	.09250	2030 R	1990	01	10
6	1995	ZABF X	41894	41894	.09250	2030	1990	01	10
6	1995	ZABF X	54145	0	.07550	1995	1991	02	T
6	1995	ZABF X	147521	147521	.08800	2032	1992	04	
6	1995	ZABF X	50000	50000	.07000	1997	1992	04	T
6	1995	ZABF X	80000	0	.06200	1995	1992	04	T
6	1995	ZABF X	28300	28300	.07000	1997	1992	04	T
6	1995	ZABF X	150000	150000	.08130	2032	1992	07	
6	1995	ZABF X	107800	107800	.06600	2000	1992	08	T
6	1995	ZABF X	107700	107700	.07250	2007	1992	08	
6	1995	ZABF X	50000	50000	.06050	1998	1993	10	T
6	1995	ZABF X	88984	88984	.08350	2033	1993	10	
6	1995	ZABF X	130000	130000	.07800	2033	1993	02	
6	1995	ZABF X	100000	100000	.07500	2033	1993	04	

6	1995	ZABF X	110000	110000	.06950	2033	1993	08	
6	1995	ZABF X	108400	108400	.06850	2033	1994	10	
6	1995	ZABF X	43155	0	.07100	1998	1994	05	01 P
6	1995	ZABF X	49489	0	.07100	1998	1994	05	01 P
6	1995	ZABF X	35722	35722	.06850	2034	1994	10	
6	1995	ZABF X	50000	50000	.07050	2034	1994	01	
6	1995	ZABF X	50000	50000	.08200	2034	1994	05	
6	1995	ZABF X	55000	0	.07650	1999	1994	09	01 P
6	1995	ZABF X	55000	5010	.08350	2001	1995	01	01 P
6	1995	ZABF X	41491	41491	.07700	2025	1995	07	05
6	1995	ZABF X	65000	65000	.07700	2025	1995	08	05
6	1995	ZAFW X	12100	12100	.07200	2010	1995	08	05
6	1996	ZABF X	148702	148702	.07240	2041	1996	03	
6	1996	ZAFW X	15000	15000	.06950	2011	1996	03	
6	1997	ZABF X	124330	124330	.06930	2042	1997	03	
6	1997	ZAFW X	12200	12200	.06600	2012	1997	03	
6	1998	ZABF X	121417	121417	.06720	2043	1998	03	
6	1998	ZAFW X	11200	11200	.06400	2013	1998	03	
6	1999	ZABF X	133721	133721	.06610	2044	1999	03	
6	1999	ZAFW X	11500	11500	.06380	2014	1999	03	
6	2000	ZABF X	155426	155426	.06460	2045	2000	03	
6	2000	ZAFW X	11900	11900	.06360	2015	2000	03	
6	2001	ZABF X	191695	191695	.06400	2046	2001	03	
6	2001	ZAFW X	12400	12400	.06310	2016	2001	03	
			4177609	2507552					1670057 = TOTAL FOR 6
				119.07400		244548			
						248517			

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CORPS-BUREAU REPLACEMENTS

INSERVICE	ORIGINAL	CURRENT	DATE	INTEREST	
DATE	PROJECT	PRINCIPAL	PRINCIPAL	DUE	RATE

1

BPA REPLACEMENTS

INSERVICE	ORIGINAL	CURRENT	DATE	INTEREST	
DATE	PROJECT	PRINCIPAL	PRINCIPAL	DUE	RATE

6	2002	ZABF X	124277	124277	2047 R	.06400
6	2003	ZABF X	127801	127801	2048 R	.06400
6	2004	ZABF X	131115	131115	2049 R	.06400
6	2005	ZABF X	134397	134397	2050 R	.06400
6	2006	ZABF X	137588	137588	2051 R	.06400
6	2007	ZABF X	140614	140614	2052 R	.06400
6	2008	ZABF X	143336	143336	2053 R	.06400
6	2009	ZABF X	145740	145740	2054 R	.06400
6	2010	ZABF X	147731	147731	2055 R	.06400
6	2011	ZABF X	149583	149583	2056 R	.06400
6	2012	ZABF X	151467	151467	2057 R	.06400
6	2013	ZABF X	153397	153397	2058 R	.06400
6	2014	ZABF X	155363	155363	2059 R	.06400

6	2015	ZABF X	157464	157464	2060 R	.06400
6	2016	ZABF X	159646	159646	2061 R	.06400
6	2017	ZABF X	161851	161851	2062 R	.06400
6	2018	ZABF X	164120	164120	2063 R	.06400
6	2019	ZABF X	166359	166359	2064 R	.06400
6	2020	ZABF X	168554	168554	2065 R	.06400
6	2021	ZABF X	170642	170642	2066 R	.06400
6	2022	ZABF X	172568	172568	2067 R	.06400
6	2023	ZABF X	174373	174373	2068 R	.06400
6	2024	ZABF X	176057	176057	2069 R	.06400
6	2025	ZABF X	177571	177571	2070 R	.06400
6	2026	ZABF X	179035	179035	2071 R	.06400
6	2027	ZABF X	180527	180527	2072 R	.06400
6	2028	ZABF X	182005	182005	2073 R	.06400
6	2029	ZABF X	183508	183508	2074 R	.06400
6	2030	ZABF X	185095	185095	2075 R	.06400
6	2031	ZABF X	186711	186711	2076 R	.06400
6	2032	ZABF X	188334	188334	2077 R	.06400
6	2033	ZABF X	189967	189967	2078 R	.06400
6	2034	ZABF X	191626	191626	2079 R	.06400
6	2035	ZABF X	193223	193223	2080 R	.06400
6	2036	ZABF X	194710	194710	2081 R	.06400
6	2037	ZABF X	196073	196073	2082 R	.06400
6	2038	ZABF X	197313	197313	2083 R	.06400
6	2039	ZABF X	198385	198385	2084 R	.06400
6	2040	ZABF X	199344	199344	2085 R	.06400
6	2041	ZABF X	200239	200239	2086 R	.06400
6	2042	ZABF X	201075	201075	2087 R	.06400
6	2043	ZABF X	202003	202003	2088 R	.06400
6	2044	ZABF X	202959	202959	2089 R	.06400
6	2045	ZABF X	204012	204012	2090 R	.06400
6	2046	ZABF X	205125	205125	2091 R	.06400

NUMBER OF INVESTMENTS FOR THIS STUDY IS 535

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REVISED REPAYMENT STUDY FOR 1996 FINAL RATE FILING
OCTOBER 1,2000 - SEPTEMBER 30,2001 COST EVALUATION PERIOD
REPAY 01 TS6 - TRANSMISSION - FINAL - 1996 INCLUDES DEBT BUYOUT
TRANSMISSION

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 2031
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	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
6	1.030000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2039
7	1.045000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2045
8	1.052000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
9	1.048000	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2046
10	1.050000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
11	1.049000	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
12	1.048500	2	ANNUAL REVENUES INSUFFICIENT IN YEAR 2046
13	1.048750	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
14	1.048620	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
15	1.048560	1	CONVERGED TO A VALID REPAYMENT SCHEDULE
16	1.048530	1	CONVERGED TO MINIMUM REPAYMENT SCHEDULE

1

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PAGE 1 OF 2

FEDERAL COLUMBIA RIVER POWER SYSTEM
REVISED REPAYMENT STUDY FOR 1996 FINAL RATE FILING
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				PURCHASE				
YEAR				AND				REVENUE
ENDING	REVENUE		ANNUAL	EXCHANGE	GROSS			IRRIGATION
SURPLUS OR								
SEPT 30	REQUIREMENT =	OBLIGATIONS +	POWER +	INTEREST +	AMORTIZATION +			
AMORTIZATION +	(-) DEFICIT							
OCUMULATIVE								
1996						1,951,722		
1997	321,327	4,498		206,536	110,293			
1998	341,931	4,851		207,461	129,619			
1999	346,912	4,991		205,984	135,937			
2000	349,368	5,107		204,674	139,587			
2001	340,429	5,191		211,708	123,530			
2002	351,488	5,191	-1,087	214,920	132,464			
2003	351,488	5,191	-1,117	212,008	135,406			
2004	351,488	5,191	-1,148	210,068	137,377			
2005	351,488	5,191	-1,178	208,125	139,350			

2006	351,488	5,191	-1,207	205,220	142,284
2007	351,488	5,191	-1,236	198,062	149,471
2008	351,488	5,191	-1,264	202,609	144,952
2009	351,488	5,191	-1,292	200,890	146,699
2010	351,488	5,191	-1,319	198,340	149,276
2011	351,488	5,191	-1,346	198,240	149,403
2012	351,488	5,191	-1,372	196,072	151,597
2013	351,488	5,191	-1,397	194,487	153,207
2014	351,488	5,191	-1,422	195,365	152,354
2015	351,488	5,191	-1,447	193,880	153,864
2016	351,488	5,191	-1,470	193,533	154,234
2017	351,488	5,191	-1,493	197,043	150,747
2018	351,488	5,191	-1,517	196,361	151,453
2019	351,488	5,191	-1,538	195,422	152,413
2020	351,488	5,191	-1,559	197,251	150,605
2021	351,488	5,191	-1,580	203,008	144,869
2022	351,488	5,191	-1,600	204,558	143,339
2023	351,488	5,191	-1,618	206,399	141,516
2024	351,488	5,191	-1,636	208,546	139,387
2025	351,488	5,191	-1,655	210,920	137,032
2026	351,488	5,191	-1,671	213,529	134,439
2027	351,488	5,191	-1,686	216,386	131,597
2028	351,488	5,191	-1,701	219,506	128,492
2029	351,488	5,191	-1,715	222,909	125,103
2030	351,488	5,191	-1,726	226,613	121,410
2031	351,488	5,191	-1,737	230,644	117,390
2032	351,488	5,191	-1,747	235,022	113,022
2033	351,488	5,191	-1,755	239,802	108,250
2034	351,488	5,191	-1,761	244,974	103,084
2035	351,488	5,191	-1,766	250,545	97,518
2036	351,488	5,191	-1,771	256,607	91,461
2037	351,488	5,191	-1,771	263,118	84,950
2038	351,488	5,191	-1,766	270,126	77,937
2039	351,488	5,191	-1,760	277,670	70,387
2040	351,488	5,191	-1,754	285,755	62,296
2041	351,488	5,191	-1,751	294,393	53,655
2042	351,488	5,191	-1,748	303,716	44,329
2043	351,488	5,191	-1,745	313,646	34,396
2044	351,488	5,191	-1,746	324,292	23,751
2045	351,488	5,191	-1,763	335,709	12,351
2046	351,488	5,191	-1,782	347,955	124

0 TOTALS 17,516,927 258,233 -70,120 11,450,607 5,878,207

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FEDERAL COLUMBIA RIVER POWER SYSTEM

PAGE 2 OF 2

REVISED REPAYMENT STUDY FOR 1996 FINAL RATE FILING
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
INVESTMENT PLACED IN SERVICE										IRRIGATION
ASSISTANCE										
FISCAL										
--										
YEAR	INITIAL	REPLACE-	CUMULATIVE	AMORTI-	TERM					
CUMULATIVE	PROJECT	+ MENTS	= AMOUNT IN	- ZATION	= UNAMORTIZED					
ENDING	AMOUNT IN	- AMORTI-	= UNAMORTIZED							
INVESTMENT	THRU 9-30	THRU 9-30	SERVICE	9-30	INVESTMENT	SCHEDULE				
SEPT 30	THRU 9-30	THRU 9-30	SERVICE	9-30	INVESTMENT	SCHEDULE				
SERVICE	ZATION	AMOUNT								
CUMULATIVE										
1996	3,923,056	1,008,208	4,931,264	1,951,722	2,979,542	4,451,478				
1997	136,530		5,067,794	110,293	3,005,779	4,482,119				
1998	132,617		5,200,411	129,619	3,008,777	4,418,852				
1999	145,221		5,345,632	135,937	3,018,061	4,389,371				
2000	167,326		5,512,958	139,587	3,045,800	4,422,943				
2001	204,095		5,717,053	123,530	3,126,365	4,512,622				
2002		124,277	5,841,330	132,464	3,118,178	4,611,841				
2003		127,801	5,969,131	135,406	3,110,573	4,709,751				
2004		131,115	6,100,246	137,377	3,104,311	4,822,824				
2005		134,397	6,234,643	139,350	3,099,358	4,948,897				
2006		137,588	6,372,231	142,284	3,094,662	5,069,654				
2007		140,614	6,512,845	149,471	3,085,805	5,075,555				
2008		143,336	6,656,181	144,952	3,084,189	5,205,848				
2009		145,740	6,801,921	146,699	3,083,230	5,339,685				
2010		147,731	6,949,652	149,276	3,081,685	5,446,457				
2011		149,583	7,099,235	149,403	3,081,865	5,555,415				
2012		151,467	7,250,702	151,597	3,081,735	5,648,179				
2013		153,397	7,404,099	153,207	3,081,925	5,662,661				
2014		155,363	7,559,462	152,354	3,084,934	5,612,752				
2015		157,464	7,716,926	153,864	3,088,534	5,535,023				
2016		159,646	7,876,572	154,234	3,093,946	5,440,417				
2017		161,851	8,038,423	150,747	3,105,050	5,294,939				
2018		164,120	8,202,543	151,453	3,117,717	5,224,977				
2019		166,359	8,368,902	152,413	3,131,663	5,226,827				
2020		168,554	8,537,456	150,605	3,149,612	5,303,497				
2021		170,642	8,708,098	144,869	3,175,385	5,404,158				
2022		172,568	8,880,666	143,339	3,204,614	5,477,324				
2023		174,373	9,055,039	141,516	3,237,471	5,650,713				
2024		176,057	9,231,096	139,387	3,274,141	5,826,770				
2025		177,571	9,408,667	137,032	3,314,680	5,888,381				
2026		179,035	9,587,702	134,439	3,359,276	6,058,332				
2027		180,527	9,768,229	131,597	3,408,206	6,230,098				
2028		182,005	9,950,234	128,492	3,461,719	6,403,411				
2029		183,508	10,133,742	125,103	3,520,124	6,470,205				
2030		185,095	10,318,837	121,410	3,583,809	6,551,079				

2031	186,711	10,505,548	117,390	3,653,130	6,737,288
2032	188,334	10,693,882	113,022	3,728,442	6,577,252
2033	189,967	10,883,849	108,250	3,810,159	6,177,809
2034	191,626	11,075,475	103,084	3,898,701	6,233,713
2035	193,223	11,268,698	97,518	3,994,406	6,426,936
2036	194,710	11,463,408	91,461	4,097,655	6,621,646
2037	196,073	11,659,481	84,950	4,208,778	6,817,719
2038	197,313	11,856,794	77,937	4,328,154	7,015,032
2039	198,385	12,055,179	70,387	4,456,152	7,213,417
2040	199,344	12,254,523	62,296	4,593,200	7,412,761
2041	200,239	12,454,762	53,655	4,739,784	7,464,298
2042	201,075	12,655,837	44,329	4,896,530	7,541,043
2043	202,003	12,857,840	34,396	5,064,137	7,621,629
2044	202,959	13,060,799	23,751	5,243,345	7,690,867
2045	204,012	13,264,811	12,351	5,435,006	7,739,453
2046	205,125	13,469,936	124	5,640,007	7,752,883
0 TOTALS	4,708,845	8,761,091	7,829,929		

1 LINES MAY NOT ADD ACROSS BECAUSE OF ROUND OFF ERRORS

INTEREST CALCULATION FOR FY 1997 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	= 245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	= 4,151	
				4,151	
COLUMBIA BASIN	HISTORICAL	3,106	X .05810	= 184	
				184	
DWORSHAK	HISTORICAL	936	X .06430	= 58	
				58	
HUNGRY HORSE	HISTORICAL	546	X .05950	= 31	
				31	
ICE HARBOR	HISTORICAL	819	X .06302	= 50	
				50	
MINIDOKA	HISTORICAL	130	X .06150	= 6	
				6	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	= 16	
				16	
YAKIMA-ROZA	HISTORICAL	175	X .06150	= 11	
				11	
BPA PROGRAM	HISTORICAL	1,694,663	X .07617	= 129,085	2,463

	NEW 2/	124,330	X	.03465	=	4,308	
						135,856	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	27,100	X	.07062	=	1,913	
	NEW 2/	12,200	X	.03300	=	403	
						2,316	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	1,184,062	X	.06182	=	73,199	
						73,199	

						216,123	
AFUDC						0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5							
-9,587							
	(321,327 -	0 -	0 -	65,498)	X	.03748	-----
NET							206,536

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
P.P. = PURCHASE POWER
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
2/ INTEREST RATE REFLECTS PARTIAL YEAR
1

INTEREST CALCULATION FOR FY 1998 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____					
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X	.06490	= 245
					245
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X	.06487	= 4,151
					4,151
COLUMBIA BASIN	HISTORICAL	3,106	X	.05810	= 184
					184
DWORSHAK	HISTORICAL	936	X	.06430	= 58
					58
HUNGRY HORSE	HISTORICAL	546	X	.05950	= 31
					31
ICE HARBOR	HISTORICAL	819	X	.06302	= 50
					50
MINIDOKA	HISTORICAL	130	X	.06150	= 6
					6
YAKIMA-CHANDLER	HISTORICAL	261	X	.06410	= 16
					16
YAKIMA-ROZA	HISTORICAL	175	X	.06150	= 11
					11
BPA PROGRAM	HISTORICAL	1,708,700	X	.07573	= 129,404
					3,284
	NEW 2/	121,417	X	.03360	= 4,080
					136,768
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	39,300	X	.06918	= 2,718
	NEW 2/	11,200	X	.03200	= 358

BONNEVILLE POWER ADMINISTRATION	HISTORICAL	3,076			
		1,184,062	X	.06182	= 73,199
		73,199			

		217,795			

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-10,334

(341,931 - 0 - 0 - 66,061) X .03746 -----

NET 207,461

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 1999 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+					
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	=	245
					245
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	=	4,151
					4,151
COLUMBIA BASIN	HISTORICAL	3,106	X .05810	=	184
					184
DWORSHAK	HISTORICAL	936	X .06430	=	58
					58
HUNGRY HORSE	HISTORICAL	546	X .05950	=	31
					31
ICE HARBOR	HISTORICAL	819	X .06302	=	50
					50
MINIDOKA	HISTORICAL	130	X .06150	=	6
					6
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	=	16
					16
YAKIMA-ROZA	HISTORICAL	175	X .06150	=	11
					11
BPA PROGRAM	HISTORICAL	1,736,216	X .07527	=	130,675
					1,507
	NEW 2/	133,721	X .03305	=	4,419
					136,601
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	50,500	X .06803	=	3,435
	NEW 2/	11,500	X .03190	=	367
					3,802
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	1,148,344	X .06205	=	71,252
					71,252

216,407

AFUDC

0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-10,423

(346,912 - 0 - 0 - 67,056) X .03725 -----

NET

205,984

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2000 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	= 245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	= 4,151	
				4,151	
COLUMBIA BASIN	HISTORICAL	3,106	X .05810	= 184	
				184	
DWORSHAK	HISTORICAL	936	X .06430	= 58	
				58	
HUNGRY HORSE	HISTORICAL	546	X .05950	= 31	
				31	
ICE HARBOR	HISTORICAL	819	X .06302	= 50	
				50	
MINIDOKA	HISTORICAL	130	X .06150	= 6	
				6	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	= 16	
				16	
YAKIMA-ROZA	HISTORICAL	175	X .06150	= 11	
				11	
BPA PROGRAM	HISTORICAL	1,776,020	X .07384	= 131,140	620
	NEW 2/	155,426	X .03230	= 5,020	
				136,780	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	62,000	X .06725	= 4,169	
	NEW 2/	11,900	X .03180	= 378	
				4,547	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	1,106,324	X .06228	= 68,907	
				68,907	

				214,986	

AFUDC

0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -10,312

(349,368 - 0 - 0 - 67,654) X .03661 -----

NET 204,674

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2001 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	= 245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	= 4,151	
				4,151	
COLUMBIA BASIN	HISTORICAL	3,106	X .05810	= 184	
				184	
DWORSHAK	HISTORICAL	936	X .06430	= 58	
				58	
HUNGRY HORSE	HISTORICAL	546	X .05950	= 31	
				31	
ICE HARBOR	HISTORICAL	819	X .06302	= 50	
				50	
MINIDOKA	HISTORICAL	130	X .06150	= 6	
				6	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	= 16	
				16	
YAKIMA-ROZA	HISTORICAL	175	X .06150	= 11	
				11	
BPA PROGRAM	HISTORICAL	1,814,707	X .07342	= 133,239	4,510
	NEW 2/	191,695	X .03200	= 6,134	
				143,883	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	73,900	X .06666	= 4,926	
	NEW 2/	12,400	X .03155	= 391	
				5,317	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	1,083,476	X .06240	= 67,607	
				67,607	

				221,559	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -9,851

(340,429 - 0 - 0 - 69,081) X .03630 -----

NET 211,708

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
P.P. = PURCHASE POWER
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
2/ INTEREST RATE REFLECTS PARTIAL YEAR
1

INTEREST CALCULATION FOR FY 2002 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____					
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL		3,762 X .06490	= 245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL		63,982 X .06487	= 4,151	
				4,151	
DWORSHAK	HISTORICAL	936	X .06430	= 58	
				58	
HUNGRY HORSE	HISTORICAL	546	X .05950	= 31	
				31	
ICE HARBOR	HISTORICAL	819	X .06302	= 50	
				50	
MINIDOKA	HISTORICAL	130	X .06150	= 6	
				6	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	= 16	
				16	
YAKIMA-ROZA	HISTORICAL	175	X .06150	= 11	
				11	
BPA PROGRAM	HISTORICAL	1,934,640	X .07187	= 139,045	6,979
	NEW 2/	124,277	X .03200	= 3,977	
				150,001	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL		86,300 X .06615	= 5,708	
				5,708	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL		1,034,814 X .06260	= 64,780	
				64,780	

				225,057	
AFUDC					0
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-10,137					
(351,488 - 0 - -1,087 - 73,368) X .03630					-----
NET					214,920

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
P.P. = PURCHASE POWER
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
2/ INTEREST RATE REFLECTS PARTIAL YEAR
1

INTEREST CALCULATION FOR FY 2003 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL		3,762 X .06490 =	245	245
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL		63,982 X .06487 =	4,151	4,151
DWORSHAK	HISTORICAL	936	X .06430 =	58	58
HUNGRY HORSE	HISTORICAL	546	X .05950 =	31	31
ICE HARBOR	HISTORICAL	819	X .06302 =	50	50
MINIDOKA	HISTORICAL	130	X .06150 =	6	6
YAKIMA-CHANDLER	HISTORICAL	261	X .06410 =	16	16
YAKIMA-ROZA	HISTORICAL	175	X .06150 =	11	11
BPA PROGRAM	HISTORICAL	1,951,511	X .07068 =	137,931	6,562
	NEW 2/	127,801	X .03200 =	4,090	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL		86,300 X .06615 =	5,708	5,708
BONNEVILLE POWER ADMINISTRATION	HISTORICAL		1,009,756 X .06269 =	63,306	63,306
			-----	222,165	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-10,157					
(351,488 - 0 - -1,117 - 72,840) X .03630					-----
NET					212,008

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2004 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	= 245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	= 4,151	
				4,151	
DWORSHAK	HISTORICAL	936	X .06430	= 58	
				58	
ICE HARBOR	HISTORICAL	819	X .06302	= 50	
				50	
MINIDOKA	HISTORICAL	130	X .06150	= 6	
				6	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	= 16	
				16	
YAKIMA-ROZA	HISTORICAL	175	X .06150	= 11	
				11	
BPA PROGRAM	HISTORICAL	1,972,114	X .06965	= 137,352	6,783
	NEW 2/	131,115	X .03200	= 4,196	
				148,331	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	86,300	X .06615	= 5,708	
				5,708	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	982,094	X .06278	= 61,660	
				61,660	

				220,236	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-10,168

(351,488 - 0 - -1,148 - 72,578) X .03630 -----

NET 210,068

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2005 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	= 245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	= 4,151	
				4,151	
DWORSHAK	HISTORICAL	936	X .06430	= 58	

ICE HARBOR	HISTORICAL	819	X	.06302	=	50	
						50	
MINIDOKA	HISTORICAL	130	X	.06150	=	6	
						6	
YAKIMA-CHANDLER	HISTORICAL	261	X	.06410	=	16	
						16	
YAKIMA-ROZA	HISTORICAL	175	X	.06150	=	11	
						11	
BPA PROGRAM	HISTORICAL	1,983,894	X	.06861	=	136,117	7,075
	NEW 2/	134,397	X	.03200	=	4,301	
						147,493	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	86,300	X	.06615	=	5,708	
						5,708	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	964,052	X	.06284	=	60,577	
						60,577	

						218,315	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-10,190

(351,488 - 0 - -1,178 - 71,987) X .03630 -----

NET 208,125

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2006 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+					
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X	.06490	= 245
					245
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X	.06487	= 4,151
					4,151
DWORSHAK	HISTORICAL	936	X	.06430	= 58
					58
ICE HARBOR	HISTORICAL	819	X	.06302	= 50
					50
MINIDOKA	HISTORICAL	130	X	.06150	= 6
					6
YAKIMA-CHANDLER	HISTORICAL	261	X	.06410	= 16
					16
YAKIMA-ROZA	HISTORICAL	175	X	.06150	= 11
					11

BPA PROGRAM	HISTORICAL	1,987,265	X	.06769	=	134,521	6,197
	NEW 2/	137,588	X	.03200	=	4,403	
						145,121	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	86,300	X	.06615	=	5,708	
						5,708	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	955,728	X	.06286	=	60,073	
						60,073	

						215,439	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-10,219
(351,488 - 0 - -1,207 - 71,216) X .03630 -----
NET 205,220

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2007 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+					
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	=	245
					245
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	=	4,151
					4,151
DWORSHAK	HISTORICAL	936	X .06430	=	58
					58
ICE HARBOR	HISTORICAL	819	X .06302	=	50
					50
MINIDOKA	HISTORICAL	130	X .06150	=	6
					6
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	=	16
					16
YAKIMA-ROZA	HISTORICAL	175	X .06150	=	11
					11
BPA PROGRAM	HISTORICAL	1,999,400	X .06690	=	133,753
	NEW 2/	140,614	X .03200	=	4,500
					139,005
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	86,300	X .06615	=	5,708
					5,708
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	938,897	X .06289	=	59,045
					59,045

					208,295

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -10,233

(351,488 - 0 - -1,236 - 70,857) X .03630 -----

NET 198,062

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2008 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	= 245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	= 4,151	
				4,151	
DWORSHAK	HISTORICAL	936	X .06430	= 58	
				58	
ICE HARBOR	HISTORICAL	819	X .06302	= 50	
				50	
MINIDOKA	HISTORICAL	130	X .06150	= 6	
				6	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	= 16	
				16	
YAKIMA-ROZA	HISTORICAL	175	X .06150	= 11	
				11	
BPA PROGRAM	HISTORICAL	2,016,879	X .06633	= 133,787	6,793
	NEW 2/	143,336	X .03200	= 4,587	
				145,167	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	86,300	X .06615	= 5,708	
				5,708	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	912,561	X .06293	= 57,430	
				57,430	

				212,842	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -10,233

(351,488 - 0 - -1,264 - 70,896) X .03630 -----

NET 202,609

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2009 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____					
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	= 245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	= 4,151	
DWORSHAK	HISTORICAL	936	X .06430	= 58	
ICE HARBOR	HISTORICAL	819	X .06302	= 50	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	= 16	
BPA PROGRAM	HISTORICAL	2,027,390	X .06572	= 133,236	6,302
	NEW 2/	145,740	X .03200	= 4,664	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	86,300	X .06615	= 5,708	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	900,739	X .06295	= 56,703	

				211,133	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-10,243					
(351,488 - 0 - -1,292 - 70,639) X .03630				-----	
NET				200,890	

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2010 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					

+ _____						
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X	.06490	=	245
						245
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X	.06487	=	4,151
						4,151
DWORSHAK	HISTORICAL	936	X	.06430	=	58
						58
ICE HARBOR	HISTORICAL	819	X	.06302	=	50
						50
YAKIMA-CHANDLER	HISTORICAL	261	X	.06410	=	16
						16
BPA PROGRAM	HISTORICAL	2,038,334	X	.06524	=	132,977
						4,567
NEW 2/		147,731	X	.03200	=	4,727
						142,271
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	86,300	X	.06615	=	5,708
						5,708
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	888,836	X	.06311	=	56,089
						56,089

						208,588
AFUDC						0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-10,248

(351,488 - 0 - -1,319 - 70,527) X .03630 -----

NET 198,340

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2011 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM	TOTAL
+ _____						
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X	.06490	=	245
						245
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X	.06487	=	4,151
						4,151
DWORSHAK	HISTORICAL	936	X	.06430	=	58
						58
ICE HARBOR	HISTORICAL	819	X	.06302	=	50
						50
YAKIMA-CHANDLER	HISTORICAL	261	X	.06410	=	16
						16
BPA PROGRAM	HISTORICAL	2,077,748	X	.06493	=	134,910
						5,109

	NEW 2/	149,583	X	.03200	=	4,787	
						144,806	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	74,200	X	.06520	=	4,837	
						4,837	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	859,977	X	.06315	=	54,306	
						54,306	

						208,469	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-10,229

(351,488 - 0 - -1,346 - 71,071) X .03630 -----

NET 198,240

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2012 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	=	245
					245
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	=	4,151
					4,151
DWORSHAK	HISTORICAL	936	X .06430	=	58
					58
ICE HARBOR	HISTORICAL	819	X .06302	=	50
					50
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	=	16
					16
BPA PROGRAM	HISTORICAL	2,118,553	X .06464	=	136,952
					3,453
	NEW 2/	151,467	X .03200	=	4,847
					145,252
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	59,200	X .06410	=	3,795
					3,795
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	834,352	X .06318	=	52,717
					52,717

					206,284

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-10,212

(351,488 - 0 - -1,372 - 71,588) X .03630 -----

NET 196,072

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
P.P. = PURCHASE POWER
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
2/ INTEREST RATE REFLECTS PARTIAL YEAR
1

INTEREST CALCULATION FOR FY 2013 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____					
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL		3,762 X .06490 =	245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL		63,982 X .06487 =	4,151	4,151
				4,151	
DWORSHAK	HISTORICAL	936	X .06430 =	58	
				58	
ICE HARBOR	HISTORICAL	250	X .06490 =	16	
				16	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410 =	16	
				16	
BPA PROGRAM	HISTORICAL	2,176,954	X .06444 =	140,272	2,125
	NEW 2/	153,397	X .03200 =	4,909	
				147,306	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL		47,000 X .06361 =	2,990	2,990
				2,990	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL		788,590 X .06324 =	49,871	49,871
				49,871	

				204,653	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-10,166

(351,488 - 0 - -1,397 - 72,859) X .03630 -----

NET 194,487

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
P.P. = PURCHASE POWER
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
2/ INTEREST RATE REFLECTS PARTIAL YEAR
1

INTEREST CALCULATION FOR FY 2014 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL		3,762 X .06490 =	245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL		63,982 X .06487 =	4,151	4,151
DWORSHAK	HISTORICAL	936	X .06430 =	58	
				58	
ICE HARBOR	HISTORICAL	250	X .06490 =	16	
				16	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410 =	16	16
BPA PROGRAM	HISTORICAL	2,274,067	X .06431 =	146,253	2,930
	NEW 2/	155,363	X .03200 =	4,972	
				154,155	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL		35,800 X .06349 =	2,273	2,273
BONNEVILLE POWER ADMINISTRATION	HISTORICAL		702,867 X .06334 =	44,522	44,522
				44,522	

				205,436	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -10,071
 (351,488 - 0 - -1,422 - 75,508) X .03630 -----
 NET 195,365

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
 P.P. = PURCHASE POWER
 1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
 2/ INTEREST RATE REFLECTS PARTIAL YEAR
 1

INTEREST CALCULATION FOR FY 2015 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL		3,762 X .06490 =	245	
				245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL		63,982 X .06487 =	4,151	4,151
DWORSHAK	HISTORICAL	936	X .06430 =	58	
				58	
ICE HARBOR	HISTORICAL	250	X .06490 =	16	

YAKIMA-CHANDLER	HISTORICAL	261	X	.06410	=	16	
						16	
BPA PROGRAM	HISTORICAL	2,361,775	X	.06421	=	151,650	1,213
	NEW 2/	157,464	X	.03200	=	5,039	
						157,902	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	24,300	X	.06334	=	1,539	
						1,539	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	629,668	X	.06343	=	39,940	
						39,940	

						203,867	
AFUDC						0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.)			X	RATE	X	0.5	
-9,987							
	(351,488 -	0 -	-1,447 -	77,856)	X	.03630

NET						193,880	

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
P.P. = PURCHASE POWER
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
2/ INTEREST RATE REFLECTS PARTIAL YEAR
1

INTEREST CALCULATION FOR FY 2016 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM	TOTAL
+ _____	_____	_____	_____	_____	_____	_____
BONNEVILLE - 2ND POWER HOUSE	HISTORICAL	3,762	X .06490	=	245	
					245	
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	63,982	X .06487	=	4,151	
					4,151	
DWORSHAK	HISTORICAL	936	X .06430	=	58	
					58	
ICE HARBOR	HISTORICAL	250	X .06490	=	16	
					16	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	=	16	
					16	
BPA PROGRAM	HISTORICAL	2,490,241	X .06416	=	159,779	384
	NEW 2/	159,646	X .03200	=	5,109	
					165,272	
FISH, WILDLIFE & ENVIRONMENTAL	HISTORICAL	12,400	X .06310	=	782	
					782	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL	516,702	X .06357	=	32,846	
					32,846	

					203,386	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -9,853
 (351,488 - 0 - -1,470 - 81,560) X .03630 -----
 NET 193,533

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
 P.P. = PURCHASE POWER
 1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
 2/ INTEREST RATE REFLECTS PARTIAL YEAR
 1

INTEREST CALCULATION FOR FY 2017 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
COLUMBIA BASIN- 3RD POWER HOUSE	HISTORICAL	2,700	X .06470	= 175	
DWORSHAK	HISTORICAL	936	X .06430	= 58	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410	= 16	
BPA PROGRAM	HISTORICAL	2,640,361	X .06414	= 169,356	3,328
	NEW 2/	161,851	X .03200	= 5,179	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL			177,863	
				449,688	X .06365 = 28,625
				28,625	

				206,737	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -9,694
 (351,488 - 0 - -1,493 - 85,976) X .03630 -----
 NET 197,043

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
 P.P. = PURCHASE POWER
 1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
 2/ INTEREST RATE REFLECTS PARTIAL YEAR
 1

INTEREST CALCULATION FOR FY 2018 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____	_____	_____	_____	_____	_____
DWORSHAK	HISTORICAL	936	X .06430 =	58	
YAKIMA-CHANDLER	HISTORICAL	261	X .06410 =	16	
BPA PROGRAM	HISTORICAL	2,718,289	X .06407 =	174,167	1,902
	NEW 2/	164,120	X .03200 =	5,252	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL			385,564	X .06373 = 24,572
				24,572	

				205,967	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-9,606
(351,488 - 0 - -1,517 - 88,400) X .03630 -----
NET 196,361

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2019 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____	_____	_____	_____	_____	_____
YAKIMA-CHANDLER	HISTORICAL	1	X .06410 =	0	
BPA PROGRAM	HISTORICAL	2,832,611	X .06403 =	181,379	
	NEW 2/	166,359	X .03200 =	5,323	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL			186,702	
				285,105	X .06382 = 18,196
				18,196	

				204,898	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-9,476
(351,488 - 0 - -1,538 - 92,024) X .03630 -----
NET 195,422

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2020 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	2,998,970	X .06403	= 192,026	643
	NEW 2/	168,554	X .03200	= 5,394	
				198,063	
BONNEVILLE POWER ADMINISTRATION	HISTORICAL		132,693	X .06383	= 8,471
			8,471		

			206,534		

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-9,283

(351,488 - 0 - -1,559 - 97,364) X .03630 -----

NET 197,251

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2021 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	3,149,612	X .06403	= 201,655	5,000
	NEW 2/	170,642	X .03200	= 5,461	
				212,116	

			212,116		

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -9,108

(351,488 - 0 - -1,580 - 102,197) X .03630 -----

NET 203,008

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2022 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	3,175,385	X .06400	= 203,223	4,893
	NEW 2/	172,568	X .03200	= 5,522	
				213,638	

				213,638	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -9,080

(351,488 - 0 - -1,600 - 102,997) X .03630 -----

NET 204,558

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2023 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	3,204,614	X .06400	= 205,093	4,772
	NEW 2/	174,373	X .03200	= 5,580	
				215,445	

				215,445	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-9,046

(351,488 - 0 - -1,618 - 103,946) X .03630 -----

NET 206,399

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2024 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	3,237,471	X .06400	= 207,196	4,724
	NEW 2/	176,057	X .03200	= 5,634	
				217,554	

				217,554	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-9,008

(351,488 - 0 - -1,636 - 105,010) X .03630 -----

NET 208,546

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2025 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	3,274,141	X .06400	= 209,543	4,660
	NEW 2/	177,571	X .03200	= 5,682	
				219,885	

219,885

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-8,965

(351,488 - 0 - -1,655 - 106,197) X .03630 -----

NET 210,920

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2026 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	3,314,680	X .06400	= 212,139	4,580
	NEW 2/	179,035	X .03200	= 5,729	
				222,448	

				222,448	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-8,919

(351,488 - 0 - -1,671 - 107,504) X .03630 -----

NET 213,529

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2027 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	3,359,276	X .06400	= 214,993	4,483
	NEW 2/	180,527	X .03200	= 5,777	

225,253

225,253

AFUDC

0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-8,867

(351,488 - 0 - -1,686 - 108,943) X .03630

NET

216,386

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2028 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+					
BPA PROGRAM	HISTORICAL	3,408,206	X .06400	= 218,124	4,368
	NEW 2/	182,005	X .03200	= 5,824	
				228,316	

				228,316	

AFUDC

0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-8,810

(351,488 - 0 - -1,701 - 110,521) X .03630

NET

219,506

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2029 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+					

BPA PROGRAM	HISTORICAL	3,461,719	X	.06400	=	221,549	4,236
	NEW 2/	183,508	X	.03200	=	5,872	
						231,657	

						231,657	
AFUDC							0
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5							
-8,748	(351,488 -	0 -	-1,715 -	112,245) X .03630		-----	
NET							222,909

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
P.P. = PURCHASE POWER
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
2/ INTEREST RATE REFLECTS PARTIAL YEAR
1

INTEREST CALCULATION FOR FY 2030 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+	-----	-----	-----	-----	-----
BPA PROGRAM	HISTORICAL	3,520,124	X .06400	= 225,287	4,083
	NEW 2/	185,095	X .03200	= 5,923	
				235,293	

				235,293	
AFUDC					0
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-8,680	(351,488 -	0 -	-1,726 -	114,126) X .03630	-----
NET					226,613

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
P.P. = PURCHASE POWER
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
2/ INTEREST RATE REFLECTS PARTIAL YEAR
1

INTEREST CALCULATION FOR FY 2031 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					

+ _____							
BPA PROGRAM		HISTORICAL	3,583,809	X	.06400	= 229,363	3,912
	NEW 2/		186,711	X	.03200	= 5,975	
						239,250	

						239,250	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-8,606

(351,488 - 0 - -1,737 - 116,177) X .03630 -----

NET 230,644

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2032 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM	
TOTAL						
+ _____						
BPA PROGRAM		HISTORICAL	3,653,130	X	.06400 = 233,800	3,720
	NEW 2/		188,334	X	.03200 = 6,027	
					243,547	

					243,547	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-8,525

(351,488 - 0 - -1,747 - 118,408) X .03630 -----

NET 235,022

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2033 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____					
BPA PROGRAM	HISTORICAL	3,728,442	X .06400	= 238,620	3,541
	NEW 2/	189,967	X .03200	= 6,079	
				248,240	

				248,240	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-8,438
(351,488 - 0 - -1,755 - 120,831) X .03630 -----
NET 239,802

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2034 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+ _____					
BPA PROGRAM	HISTORICAL	3,810,159	X .06400	= 243,850	3,335
	NEW 2/	191,626	X .03200	= 6,132	
				253,317	

				253,317	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-8,343
(351,488 - 0 - -1,761 - 123,459) X .03630 -----
NET 244,974

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2035 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+					
BPA PROGRAM	HISTORICAL	3,898,701	X .06400	= 249,516	3,085
	NEW 2/	193,223	X .03200	= 6,183	
				258,784	

				258,784	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-8,239	(351,488 -	0 -	-1,766 -	126,306) X .03630	-----
NET				250,545	
0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M					
P.P. = PURCHASE POWER					
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT					
2/ INTEREST RATE REFLECTS PARTIAL YEAR					
1					

INTEREST CALCULATION FOR FY 2036 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+					
BPA PROGRAM	HISTORICAL	3,994,406	X .06400	= 255,642	2,862
	NEW 2/	194,710	X .03200	= 6,231	
				264,735	

				264,735	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-8,128	(351,488 -	0 -	-1,771 -	129,380) X .03630	-----
NET				256,607	
0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M					
P.P. = PURCHASE POWER					
1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT					
2/ INTEREST RATE REFLECTS PARTIAL YEAR					
1					

INTEREST CALCULATION FOR FY 2037 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	4,097,655	X .06400	= 262,249	2,603
	NEW 2/	196,073	X .03200	= 6,274	
				271,126	

				271,126	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-8,008

(351,488 - 0 - -1,771 - 132,695) X .03630 -----

NET 263,118

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2038 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	4,208,778	X .06400	= 269,362	2,328
	NEW 2/	197,313	X .03200	= 6,314	
				278,004	

				278,004	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
-7,878

(351,488 - 0 - -1,766 - 136,260) X .03630 -----

NET 270,126

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2039 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	4,328,154	X .06400	= 277,002	2,059
	NEW 2/	198,385	X .03200	= 6,348	
				285,409	

				285,409	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -7,739

(351,488 - 0 - -1,760 - 140,088) X .03630 -----

NET 277,670

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2040 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	4,456,152	X .06400	= 285,194	1,772
	NEW 2/	199,344	X .03200	= 6,379	
				293,345	

				293,345	

AFUDC 0

INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5
 -7,590

(351,488 - 0 - -1,754 - 144,192) X .03630 -----

NET 285,755

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2041 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	4,593,200	X .06400	= 293,965	1,450
	NEW 2/	200,239	X .03200	= 6,408	
				301,823	

				301,823	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-7,430	(351,488 - 0 - -1,751 - 148,584) X .03630			-----	
NET				294,393	

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
 P.P. = PURCHASE POWER
 1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT
 2/ INTEREST RATE REFLECTS PARTIAL YEAR
 1

INTEREST CALCULATION FOR FY 2042 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+ _____	_____	_____	_____	_____	_____
BPA PROGRAM	HISTORICAL	4,739,784	X .06400	= 303,346	1,195
	NEW 2/	201,075	X .03200	= 6,434	
				310,975	

				310,975	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-7,259	(351,488 - 0 - -1,748 - 153,282) X .03630			-----	
NET				303,716	

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M
 P.P. = PURCHASE POWER
 1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2043 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+					
BPA PROGRAM	HISTORICAL	4,896,530	X .06400	= 313,378	881
	NEW 2/	202,003	X .03200	= 6,464	
				320,723	

				320,723	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-7,077	(351,488 - 0 - -1,745 - 158,304) X .03630			-----	
NET				313,646	

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2044 TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT TOTAL	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
+					
BPA PROGRAM	HISTORICAL	5,064,137	X .06400	= 324,105	574
	NEW 2/	202,959	X .03200	= 6,495	
				331,174	

				331,174	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-6,882	(351,488 - 0 - -1,746 - 163,676) X .03630			-----	
NET				324,292	

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2045 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+					
BPA PROGRAM	HISTORICAL	5,243,345	X .06400	= 335,574	281
	NEW 2/	204,012	X .03200	= 6,528	
				342,383	

				342,383	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-6,674	(351,488 -	0 -	-1,763 -	169,419) X .03630	-----
NET				335,709	

0A.O. = ANNUAL OBLIGATIONS - CORPS/BUREAU O & M

P.P. = PURCHASE POWER

1/ WEIGHTED AVERAGE RATE OF INTEREST BY INVESTMENT

2/ INTEREST RATE REFLECTS PARTIAL YEAR

1

INTEREST CALCULATION FOR FY 2046 TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

PROJECT	TYPE	PRINCIPAL	RATE 1/	INTEREST	PREMIUM
TOTAL					
+					
BPA PROGRAM	HISTORICAL	5,435,006	X .06400	= 347,840	3
	NEW 2/	205,125	X .03200	= 6,564	
				354,407	

				354,407	
AFUDC				0	
INTEREST INCOME (REVENUE - A.O. - P.P. - BOND INT.) X RATE X 0.5					
-6,452	(351,488 -	0 -	-1,782 -	175,561) X .03630	-----

THE DALLES

TOTAL CORPS 353 353 353 353 353 353 353 353 353
353

LOWER SNAKE F AND W

BONNEVILLE POWER ADM 73,199 73,199 71,252 68,907 67,607 64,780 63,306
61,660 60,577 60,073

TOTAL APPROPRIATIONS 77,951 77,951 76,004 73,659 72,359 69,348 67,874
66,197 65,114 64,610

BPA BORROWING

BPA PROGRAM 133,393 133,484 135,094 136,160 139,373 143,022 142,021
141,548 140,418 138,924
BUREAU DIRECT FUND
FISH, WILDLIFE & ENV 2,316 3,076 3,802 4,547 5,317 5,708 5,708 5,708
5,708 5,708
PREMIUMS 2,463 3,284 1,507 620 4,510 6,979 6,562 6,783 7,075
6,197
0LESS
0 AFUDC
0 INTEREST INCOME 9,587 10,334 10,423 10,312 9,851 10,137 10,157 10,168
10,190 10,219
0TOTAL BPA BORROWING 128,585 129,510 129,980 131,015 139,349 145,572 144,134
143,871 143,011 140,610

TOTALS 206,536 207,461 205,984 204,674 211,708 214,920 212,008 210,068
208,125 205,220

1

SUMMARY OF INTEREST EXPENSE TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

BUREAU OF RECLAMATION

BOISE
COLUMBIA BASIN
COLUMBIA BASIN- 3RD 4,151 4,151 4,151 4,151 4,151 4,151 4,151 4,151
4,151 4,151
HUNGRY HORSE
MINIDOKA 6 6
YAKIMA-CHANDLER 16 16 16 16 16 16 16 16
16
YAKIMA-ROZA 11 11

TOTAL BUREAU	4,184	4,184	4,167	4,167	4,167	4,167	4,167	4,167	4,167
4,167	4,167								

CORPS OF ENGINEERS

ALBENI FALLS									
BONNEVILLE									
BONNEVILLE - 2ND POW	245	245	245	245	245	245	245	245	245
245	245								
CHIEF JOSEPH									
COUGAR									
COLUMBIA RIVER FISH									
DETROIT-BIG CLIFF									
DWORSHAK	58	58	58	58	58	58	58	58	58
GREEN PETER-FOSTER									
HILLS CREEK									
ICE HARBOR	50	50	50	50	50	50	16	16	16
JOHN DAY									
LIBBY									
LITTLE GOOSE									
LOOKOUT POINT-DEXTER									
LOST CREEK									
LOWER GRANITE									
LOWER MONUMENTAL									
MCNARY									
STRUBE									
THE DALLES									
TOTAL CORPS	353	353	353	353	353	353	319	319	319
319									

LOWER SNAKE F AND W

BONNEVILLE POWER ADM	59,045	57,430	56,703	56,089	54,306	52,717	49,871
44,522	39,940	32,846					
TOTAL APPROPRIATIONS	63,582	61,967	61,223	60,609	58,826	57,237	54,357
49,008	44,426	37,332					

BPA BORROWING

BPA PROGRAM	138,253	138,374	137,900	137,704	139,697	141,799	145,181
151,225	156,689	164,888					
BUREAU DIRECT FUND							
FISH, WILDLIFE & ENV	5,708	5,708	5,708	5,708	4,837	3,795	2,990
1,539	782						
PREMIUMS	752	6,793	6,302	4,567	5,109	3,453	2,125
384							
0 LESS							
0 AFUDC							
0 INTEREST INCOME	10,233	10,233	10,243	10,248	10,229	10,212	10,166
9,987	9,853						

0TOTAL BPA BORROWING	134,480	140,642	139,667	137,731	139,414	138,835	140,130
146,357	149,454	156,201					

TOTALS	198,062	202,609	200,890	198,340	198,240	196,072	194,487	195,365
193,880	193,533							

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SUMMARY OF INTEREST EXPENSE TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
BUREAU OF RECLAMATION										
BOISE										
COLUMBIA BASIN										
COLUMBIA BASIN- 3RD			175							
HUNGRY HORSE										
MINIDOKA										
YAKIMA-CHANDLER			16	16						
YAKIMA-ROZA										
TOTAL BUREAU		191	16							
CORPS OF ENGINEERS										
ALBENI FALLS										
BONNEVILLE										
BONNEVILLE - 2ND POW										
CHIEF JOSEPH										
COUGAR										
COLUMBIA RIVER FISH										
DETROIT-BIG CLIFF										
DWORSHAK		58	58							
GREEN PETER-FOSTER										
HILLS CREEK										
ICE HARBOR										
JOHN DAY										
LIBBY										
LITTLE GOOSE										
LOOKOUT POINT-DEXTER										
LOST CREEK										
LOWER GRANITE										
LOWER MONUMENTAL										
MCNARY										
STRUBE										
THE DALLES										
TOTAL CORPS		58	58							

LOWER SNAKE F AND W

BONNEVILLE POWER ADM	28,625	24,572	18,196	8,471					
TOTAL APPROPRIATIONS	28,874	24,646	18,196	8,471					

BPA BORROWING

BPA PROGRAM	174,535	179,419	186,702	197,420	207,116	208,745	210,673		
212,830	215,225	217,868							
BUREAU DIRECT FUND									
FISH, WILDLIFE & ENV									
PREMIUMS	3,328	1,902	643	5,000	4,893	4,772	4,724	4,660	
4,580									
0 LESS									
0 AFUDC									
0 INTEREST INCOME	9,694	9,606	9,476	9,283	9,108	9,080	9,046	9,008	
8,965	8,919								
0 TOTAL BPA BORROWING	168,169	171,715	177,226	188,780	203,008	204,558	206,399	206,399	
208,546	210,920	213,529							

TOTALS	197,043	196,361	195,422	197,251	203,008	204,558	206,399	208,546	
210,920	213,529								

SUMMARY OF INTEREST EXPENSE TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
------	------	------	------	------	------	------	------	------	------

BUREAU OF RECLAMATION

BOISE
 COLUMBIA BASIN
 COLUMBIA BASIN- 3RD
 HUNGRY HORSE
 MINIDOKA
 YAKIMA-CHANDLER
 YAKIMA-ROZA

TOTAL BUREAU

CORPS OF ENGINEERS

ALBENI FALLS
 BONNEVILLE
 BONNEVILLE - 2ND POW
 CHIEF JOSEPH
 COUGAR
 COLUMBIA RIVER FISH

DETROIT-BIG CLIFF
 DWORSHAK
 GREEN PETER-FOSTER
 HILLS CREEK
 ICE HARBOR
 JOHN DAY
 LIBBY
 LITTLE GOOSE
 LOOKOUT POINT-DEXTER
 LOST CREEK
 LOWER GRANITE
 LOWER MONUMENTAL
 MCNARY
 STRUBE
 THE DALLES

TOTAL CORPS

LOWER SNAKE F AND W

BONNEVILLE POWER ADM

TOTAL APPROPRIATIONS

BPA BORROWING

BPA PROGRAM	220,770	223,948	227,421	231,210	235,338	239,827	244,699		
249,982	255,699	261,873							
BUREAU DIRECT FUND									
FISH, WILDLIFE & ENV									
PREMIUMS	4,483	4,368	4,236	4,083	3,912	3,720	3,541	3,335	3,085
2,862									
0LESS									
0 AFUDC									
0 INTEREST INCOME	8,867	8,810	8,748	8,680	8,606	8,525	8,438	8,343	
8,239	8,128								
0TOTAL BPA BORROWING	216,386	219,506	222,909	226,613	230,644	235,022	239,802	239,802	
244,974	250,545	256,607							
TOTALS	216,386	219,506	222,909	226,613	230,644	235,022	239,802	244,974	
250,545	256,607								

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SUMMARY OF INTEREST EXPENSE TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

2037 2038 2039 2040 2041 2042 2043 2044 2045 2046

BUREAU OF RECLAMATION

0 INTEREST INCOME	8,008	7,878	7,739	7,590	7,430	7,259	7,077	6,882
6,674	6,452							
0TOTAL BPA BORROWING	263,118	270,126	277,670	285,755	294,393	303,716	313,646	313,646
324,292	335,709	347,955						
TOTALS	263,118	270,126	277,670	285,755	294,393	303,716	313,646	324,292
335,709	347,955							

1

SUMMARY OF INTEREST EXPENSE TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

TOTALS

BUREAU OF RECLAMATION

BOISE

COLUMBIA BASIN	920
COLUMBIA BASIN- 3RD	83,195
HUNGRY HORSE	217
MINIDOKA	72
YAKIMA-CHANDLER	352
YAKIMA-ROZA	132

TOTAL BUREAU 84,888

CORPS OF ENGINEERS

ALBENI FALLS

BONNEVILLE

BONNEVILLE - 2ND POW 4,900

CHIEF JOSEPH

COUGAR

COLUMBIA RIVER FISH

DETROIT-BIG CLIFF

DWORSHAK 1,276

GREEN PETER-FOSTER

HILLS CREEK

ICE HARBOR 864

JOHN DAY

LIBBY

LITTLE GOOSE

LOOKOUT POINT-DEXTER

LOST CREEK

LOWER GRANITE

LOWER MONUMENTAL

MCNARY

STRUBE

THE DALLES

TOTAL CORPS 7,040

LOWER SNAKE F AND W

TOTAL APPROPRIATIONS 91,928

BONNEVILLE POWER ADM 1,247,893

BPA BORROWING

BPA PROGRAM 10,312,670
 BUREAU DIRECT FUND
 FISH, WILDLIFE & ENV 86,646
 PREMIUMS 164,881
 0 LESS
 0 AFUDC
 0 INTEREST INCOME 453,411
 0 TOTAL BPA BORROWING 10,110,786

TOTALS 11,450,607

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 1

APPLICATION OF AMORTIZATION TRANSMISSION FY 2002 REVISED
 REPAYMENT STUDY FOR 1996 FINAL RATE FILING

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

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	IN-SERVICE AMOUNT	DUE	GROSS	NET	RATE	
+						
1997 BPA PROGRAM	1992	1997	28,300	28,300	.07000	28,300
BPA PROGRAM	1992	1997	50,000	50,000	.07000	50,000
BPA PROGRAM	1992	2032	147,521	147,521	.08800	31,993
TOTAL						110,293
1998 BPA PROGRAM	1993	1998	50,000	50,000	.06050	50,000
BONNEVILLE POWER ADMINISTRATION	1953	1998	23,927	23,927	.05450	23,927
BONNEVILLE POWER ADMINISTRATION	1953	1998	11,791	11,791	.05450	11,791
R 11,791						
BPA PROGRAM	1992	2032	147,521	115,528	.08800	43,901
TOTAL						129,619
1999 BPA PROGRAM	1989	1999	56,257	56,257	.08950	56,257
BPA PROGRAM	1989	1999	16,909	16,909	.08950	16,909
BONNEVILLE POWER ADMINISTRATION	1954	1999	24,211	24,211	.05580	24,211
BONNEVILLE POWER ADMINISTRATION	1954	1999	17,809	17,809	.05580	17,809
R 17,809						
BPA PROGRAM	1992	2032	147,521	71,627	.08800	20,751

	TOTAL					-----		
								135,937
2000	BONNEVILLE POWER ADMINISTRATION	1955	2000	12,222	12,222			.05690
								12,222
R	BONNEVILLE POWER ADMINISTRATION	1955	2000	10,626	10,626			.05690
								10,626
	BPA PROGRAM	1992	2000	107,800	107,800	.06600		107,800
	BPA PROGRAM	1990	2030	1,149	1,149	.09250		1,149
	BPA PROGRAM	1990	2030	3,824	3,824	.09250	R	3,824
	BPA PROGRAM	1990	2030	41,894	41,894	.09250		3,966
	TOTAL					-----		139,587
2001	BPA PROGRAM	1995	2001	5,010	5,010	.08350		5,010
	COLUMBIA BASIN	1959	2001	50	50	.05810	R	50
	COLUMBIA BASIN	1960	2001	50	50	.05810	R	50
	COLUMBIA BASIN	1957	2001	50	50	.05810	R	50
R	BONNEVILLE POWER ADMINISTRATION	1956	2001	33,508	33,508			.05810
								33,508
15,154	BONNEVILLE POWER ADMINISTRATION	1956	2001	15,154	15,154			.05810
								15,154
	COLUMBIA BASIN	1961	2001	50	50	.05810	R	50
	COLUMBIA BASIN	1962	2001	50	50	.05810	R	50
	COLUMBIA BASIN	1956	2001	50	50	.05810	R	50
	COLUMBIA BASIN	1963	2001	50	50	.05810	R	50
	COLUMBIA BASIN	1964	2001	50	50	.05810	R	50
	COLUMBIA BASIN	1965	2001	50	50	.05810	R	50
	COLUMBIA BASIN	1955	2001	50	50	.05810	R	50

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APPLICATION OF AMORTIZATION TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

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

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	IN-SERVICE AMOUNT	DUE	GROSS	NET	RATE		
+							
-----	-----	-----	-----	-----	-----	-----	-----
COLUMBIA BASIN	1966	2001	50	50	.05810	R	50
COLUMBIA BASIN	1958	2001	50	50	.05810	R	50
COLUMBIA BASIN	1967	2001	50	50	.05810	R	50
COLUMBIA BASIN	1954	2001	50	50	.05810	R	50
COLUMBIA BASIN	1968	2001	50	50	.05810	R	50
COLUMBIA BASIN	1969	2001	50	50	.05810	R	50
COLUMBIA BASIN	1970	2001	50	50	.05810	R	50
COLUMBIA BASIN	1953	2001	50	50	.05810	R	50
COLUMBIA BASIN	1952	2001	50	50	.05810	R	50
COLUMBIA BASIN	1951	2001	1,494	1,494	.05810		1,494
COLUMBIA BASIN	1971	2001	50	50	.05810	R	50

COLUMBIA BASIN	1972	2001	50	50	.05810	R	50
COLUMBIA BASIN	1973	2001	50	50	.05810	R	50
COLUMBIA BASIN	1985	2001	12	12	.05810		12
COLUMBIA BASIN	1974	2001	50	50	.05810	R	50
COLUMBIA BASIN	1975	2001	50	50	.05810	R	50
COLUMBIA BASIN	1976	2001	50	50	.05810	R	50
COLUMBIA BASIN	1977	2001	50	50	.05810	R	50
COLUMBIA BASIN	1978	2001	50	50	.05810	R	50
COLUMBIA BASIN	1979	2001	50	50	.05810	R	50
COLUMBIA BASIN	1983	2001	50	50	.05810	R	50
COLUMBIA BASIN	1980	2001	50	50	.05810	R	50
COLUMBIA BASIN	1981	2001	50	50	.05810	R	50
COLUMBIA BASIN	1982	2001	50	50	.05810	R	50
BPA PROGRAM	1990	2030	41,894	37,928	.09250		37,928
BPA PROGRAM	1992	2032	147,521	50,876	.08800		28,824

TOTAL 123,530

2002 BONNEVILLE POWER ADMINISTRATION 1957 2002 8,313 8,313 .05880
8,313

BONNEVILLE POWER ADMINISTRATION 1957 2002 16,745 16,745 .05880
R 16,745

BPA PROGRAM 1992 2032 147,521 22,052 .08800 22,052
BPA PROGRAM 1993 2033 88,984 88,984 .08350 85,354

TOTAL 132,464

1

APPLICATION OF AMORTIZATION TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

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

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	IN-SERVICE AMOUNT	DUE	GROSS	NET	RATE	
+						

2003 HUNGRY HORSE	1957	2003	1	1	.05950	R 1
BONNEVILLE POWER ADMINISTRATION	1958	2003	16,434	16,434	.05950	
16,434						
BONNEVILLE POWER ADMINISTRATION	1958	2003	11,228	11,228	.05950	
R 11,228						
HUNGRY HORSE	1959	2003	1	1	.05950	R 1
HUNGRY HORSE	1981	2003	1	1	.05950	R 1
HUNGRY HORSE	1960	2003	1	1	.05950	R 1
HUNGRY HORSE	1956	2003	1	1	.05950	R 1
HUNGRY HORSE	1961	2003	1	1	.05950	R 1
HUNGRY HORSE	1962	2003	1	1	.05950	R 1
HUNGRY HORSE	1963	2003	1	1	.05950	R 1
HUNGRY HORSE	1980	2003	1	1	.05950	R 1

HUNGRY HORSE	1955	2003	1	1	.05950	R	1
HUNGRY HORSE	1964	2003	1	1	.05950	R	1
HUNGRY HORSE	1982	2003	1	1	.05950	R	1
HUNGRY HORSE	1965	2003	1	1	.05950	R	1
HUNGRY HORSE	1979	2003	1	1	.05950	R	1
HUNGRY HORSE	1954	2003	1	1	.05950	R	1
HUNGRY HORSE	1966	2003	1	1	.05950	R	1
HUNGRY HORSE	1958	2003	1	1	.05950	R	1
HUNGRY HORSE	1967	2003	1	1	.05950	R	1
HUNGRY HORSE	1968	2003	1	1	.05950	R	1
HUNGRY HORSE	1978	2003	1	1	.05950	R	1
HUNGRY HORSE	1953	2003	516	516	.05950		516
HUNGRY HORSE	1969	2003	1	1	.05950	R	1
HUNGRY HORSE	1970	2003	1	1	.05950	R	1
HUNGRY HORSE	1971	2003	1	1	.05950	R	1
HUNGRY HORSE	1972	2003	1	1	.05950	R	1
HUNGRY HORSE	1973	2003	1	1	.05950	R	1
HUNGRY HORSE	1974	2003	1	1	.05950	R	1
HUNGRY HORSE	1975	2003	1	1	.05950	R	1
HUNGRY HORSE	1976	2003	1	1	.05950	R	1
HUNGRY HORSE	1977	2003	1	1	.05950	R	1
HUNGRY HORSE	1983	2003	1	1	.05950	R	1
BPA PROGRAM	1993	2033	88,984	3,630	.08350		3,630
BPA PROGRAM	1994	2034	50,000	50,000	.08200		50,000
BPA PROGRAM	1992	2032	150,000	150,000	.08130		53,568

TOTAL						135,406	

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APPLICATION OF AMORTIZATION TRANSMISSION FY 2002 REVISED
REPAYMENT STUDY FOR 1996 FINAL RATE FILING

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

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	IN-SERVICE AMOUNT	DUE	GROSS	NET	RATE	
+	_____	_____	_____	_____	_____	_____
2004	BONNEVILLE POWER ADMINISTRATION	1959	2004	8,647	8,647	.06000
8,647						
	BONNEVILLE POWER ADMINISTRATION	1959	2004	9,395	9,395	.06000 R
9,395						
	BPA PROGRAM	1992	2032	150,000	96,432	.08130
	BPA PROGRAM	1993	2033	130,000	130,000	.07800
						96,432
						22,903
TOTAL				-----		137,377
2005	BONNEVILLE POWER ADMINISTRATION	1960	2005	3,832	3,832	.06050
3,832						

4,492	BONNEVILLE POWER ADMINISTRATION	1960	2005	4,492	4,492	.06050	R
	BPA PROGRAM	1993	2033	130,000	107,097	.07800	107,097
	BPA PROGRAM	1995	2025	41,491	41,491	.07700	23,929
	TOTAL				-----		139,350
2006 4,778	BONNEVILLE POWER ADMINISTRATION	1961	2006	4,778	4,778	.06110	
R	BONNEVILLE POWER ADMINISTRATION	1961	2006	12,053	12,053	.06110	
	BPA PROGRAM	1995	2025	41,491	17,562	.07700	17,562
	BPA PROGRAM	1995	2025	65,000	65,000	.07700	65,000
	BPA PROGRAM	1993	2033	100,000	100,000	.07500	42,891
	TOTAL				-----		142,284
2007 107,700	BPA PROGRAM	1992	2007	107,700	107,700	.07250	
21,088	BONNEVILLE POWER ADMINISTRATION	1962	2007	21,088	21,088	.06130	
5,248	BONNEVILLE POWER ADMINISTRATION	1962	2007	5,248	5,248	.06130	R
	BPA PROGRAM	1993	2033	100,000	57,109	.07500	15,435
	TOTAL				-----		149,471
2008	YAKIMA-ROZA	1958	2008	175	175	.06150	175
	MINIDOKA	1981	2008	22	22	.06150	R 22
	MINIDOKA	1980	2008	22	22	.06150	R 22
5,283	BONNEVILLE POWER ADMINISTRATION	1963	2008	5,283	5,283	.06150	
4,692	BONNEVILLE POWER ADMINISTRATION	1963	2008	4,692	4,692	.06150	R
978	BONNEVILLE POWER ADMINISTRATION	1963	2008	978	978	.06150	
869	BONNEVILLE POWER ADMINISTRATION	1963	2008	869	869	.06150	R
	MINIDOKA	1982	2008	21	21	.06150	R 21
	MINIDOKA	1979	2008	21	21	.06150	R 21
	MINIDOKA	1983	2008	22	22	.06150	R 22
	MINIDOKA	1978	2008	22	22	.06150	R 22
	BPA PROGRAM	1993	2033	100,000	41,674	.07500	41,674
	BPA PROGRAM	1996	2041	148,702	148,702	.07240	91,151
	TOTAL				-----		144,952

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT +	IN-SERVICE AMOUNT	DUE	GROSS	NET	RATE		
2009 4,996	BONNEVILLE POWER ADMINISTRATION	1964	2009	4,996	4,996	.05160	
6,907	BONNEVILLE POWER ADMINISTRATION	1964	2009	6,907	6,907	.05160	R
	BPA PROGRAM	1996	2041	148,702	57,551	.07240	57,551
	BPA PROGRAM	1994	2034	50,000	50,000	.07050	50,000
	BPA PROGRAM	1993	2033	110,000	110,000	.06950	27,245
	TOTAL				----- 146,699		
2010 12,100	FISH, WILDLIFE & ENVIRONMENTAL	1995	2010	12,100	12,100	.07200	
4,064	BONNEVILLE POWER ADMINISTRATION	1965	2010	4,064	4,064	.06180	
7,948	BONNEVILLE POWER ADMINISTRATION	1965	2010	7,948	7,948	.06180	R
5,701	BONNEVILLE POWER ADMINISTRATION	1965	2010	5,701	5,701	.06180	
R 11,146	BONNEVILLE POWER ADMINISTRATION	1965	2010	11,146	11,146	.06180	
	BPA PROGRAM	1993	2033	110,000	82,755	.06950	82,755
	BPA PROGRAM	1997	2042	124,330	124,330	.06930	25,562
	TOTAL				----- 149,276		
2011 15,000	FISH, WILDLIFE & ENVIRONMENTAL	1996	2011	15,000	15,000	.06950	
13,047	BONNEVILLE POWER ADMINISTRATION	1966	2011	13,047	13,047	.06200	
3,363	BONNEVILLE POWER ADMINISTRATION	1966	2011	3,363	3,363	.06200	R
7,326	BONNEVILLE POWER ADMINISTRATION	1966	2011	7,326	7,326	.06200	
1,889	BONNEVILLE POWER ADMINISTRATION	1966	2011	1,889	1,889	.06200	R
	BPA PROGRAM	1997	2042	124,330	98,768	.06930	98,768
	BPA PROGRAM	1994	2034	35,722	35,722	.06850	10,010
	TOTAL				----- 149,403		
2012	ICE HARBOR	1973	2012	1	1	.06220	R 1
	ICE HARBOR	1983	2012	1	1	.06220	R 1
	ICE HARBOR	1981	2012	1	1	.06220	R 1
	ICE HARBOR	1982	2012	1	1	.06220	R 1
	ICE HARBOR	1976	2012	1	1	.06220	R 1
12,200	FISH, WILDLIFE & ENVIRONMENTAL	1997	2012	12,200	12,200	.06600	
	ICE HARBOR	1980	2012	1	1	.06220	R 1
	ICE HARBOR	1962	2012	548	548	.06220	548

ICE HARBOR	1963	2012	1	1	.06220	R	1
ICE HARBOR	1975	2012	1	1	.06220	R	1
ICE HARBOR	1972	2012	1	1	.06220	R	1
ICE HARBOR	1977	2012	1	1	.06220	R	1
ICE HARBOR	1964	2012	1	1	.06220	R	1

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PROJECT REPLACEMENT +	IN-SERVICE AMOUNT	DUE	GROSS	NET	RATE		
ICE HARBOR	1979	2012	1	1	.06220	R	1
ICE HARBOR	1965	2012	1	1	.06220	R	1
ICE HARBOR	1974	2012	1	1	.06220	R	1
ICE HARBOR	1966	2012	1	1	.06220	R	1
ICE HARBOR	1978	2012	1	1	.06220	R	1
ICE HARBOR	1971	2012	1	1	.06220	R	1
ICE HARBOR	1967	2012	1	1	.06220	R	1
BONNEVILLE POWER ADMINISTRATION	1967	2012	21,053	21,053	.06220		
21,053							
BONNEVILLE POWER ADMINISTRATION	1967	2012	5,059	5,059	.06220	R	
5,059							
BONNEVILLE POWER ADMINISTRATION	1967	2012	15,843	15,843	.06220		
15,843							
BONNEVILLE POWER ADMINISTRATION	1967	2012	3,807	3,807	.06220	R	
3,807							
ICE HARBOR	1968	2012	1	1	.06220	R	1
ICE HARBOR	1969	2012	1	1	.06220	R	1
ICE HARBOR	1970	2012	1	1	.06220	R	1
BPA PROGRAM	1994	2034	35,722	25,712	.06850		25,712
BPA PROGRAM	1994	2033	108,400	108,400	.06850		67,354
TOTAL							151,597
2013 FISH, WILDLIFE & ENVIRONMENTAL	1998	2013	11,200	11,200	.06400		
11,200							
BONNEVILLE POWER ADMINISTRATION	1968	2013	45,776	45,776	.06240		
45,776							
BONNEVILLE POWER ADMINISTRATION	1968	2013	9,001	9,001	.06240	R	
9,001							
BONNEVILLE POWER ADMINISTRATION	1968	2013	25,861	25,861	.06240		
25,861							
BONNEVILLE POWER ADMINISTRATION	1968	2013	5,085	5,085	.06240	R	
5,085							
BPA PROGRAM	1994	2033	108,400	41,046	.06850		41,046
BPA PROGRAM	1998	2043	121,417	121,417	.06720		15,238

TOTAL				----- 153,207			
2014	FISH, WILDLIFE & ENVIRONMENTAL	1999	2014	11,500	11,500	.06380	
11,500							
	BONNEVILLE POWER ADMINISTRATION	1969	2014	229	229	.06260	R
229							
	BONNEVILLE POWER ADMINISTRATION	1969	2014	430	430	.06260	
430							
	BONNEVILLE POWER ADMINISTRATION	1969	2014	25,239	25,239	.06260	
R	25,239						
	BONNEVILLE POWER ADMINISTRATION	1969	2014	47,301	47,301	.06260	
47,301							
	BPA PROGRAM	1998	2043	121,417	106,179	.06720	67,655
TOTAL				----- 152,354			

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(ALL AMOUNT IN \$1000)

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

2015	FISH, WILDLIFE & ENVIRONMENTAL	2000	2015	11,900	11,900	.06360	
11,900							
	BONNEVILLE POWER ADMINISTRATION	1970	2015	3,380	3,380	.06280	R
3,380							
	BONNEVILLE POWER ADMINISTRATION	1970	2015	27,471	27,471	.06280	
27,471							
	BONNEVILLE POWER ADMINISTRATION	1970	2015	8,997	8,997	.06280	R
8,997							
	BONNEVILLE POWER ADMINISTRATION	1970	2015	73,118	73,118	.06280	
73,118							
	BPA PROGRAM	1998	2043	121,417	38,524	.06720	28,998
TOTAL				----- 153,864			
2016	FISH, WILDLIFE & ENVIRONMENTAL	2001	2016	12,400	12,400	.06310	
12,400							
	BONNEVILLE POWER ADMINISTRATION	1971	2016	19,910	19,910	.06300	
R	19,910						
	BONNEVILLE POWER ADMINISTRATION	1971	2016	13,476	13,476	.06300	
13,476							
	BONNEVILLE POWER ADMINISTRATION	1971	2016	20,054	20,054	.06300	
R	20,054						

	BONNEVILLE POWER ADMINISTRATION	1971	2016	13,574	13,574	.06300	
13,574							
	BPA PROGRAM	1998	2043	121,417	9,526	.06720	9,526
	COLUMBIA BASIN- 3RD POWER HOUSE	1976	2026	8,834	8,834	.06490	
8,834							
	ICE HARBOR	1976	2026	250	250	.06490	250
	COLUMBIA BASIN- 3RD POWER HOUSE	1977	2027	8,761	8,761	.06490	
8,761							
	COLUMBIA BASIN- 3RD POWER HOUSE	1978	2028	8,692	8,692	.06490	
8,692							
	COLUMBIA BASIN- 3RD POWER HOUSE	1979	2029	17,254	17,254	.06490	
17,254							
	BONNEVILLE - 2ND POWER HOUSE	1981	2031	502	502	.06490	
502							
	BONNEVILLE - 2ND POWER HOUSE	1982	2032	2,495	2,495	.06490	
2,495							
	BONNEVILLE - 2ND POWER HOUSE	1983	2033	765	765	.06490	
765							
	COLUMBIA BASIN- 3RD POWER HOUSE	1984	2033	3,486	3,486	.06490	
3,486							
	COLUMBIA BASIN- 3RD POWER HOUSE	1986	2033	2,041	2,041	.06490	
2,041							
	COLUMBIA BASIN- 3RD POWER HOUSE	1987	2033	1,908	1,908	.06490	
1,908							
	COLUMBIA BASIN- 3RD POWER HOUSE	1985	2033	2,273	2,273	.06490	
2,273							
	COLUMBIA BASIN- 3RD POWER HOUSE	1988	2033	2,531	2,531	.06490	
2,531							
	COLUMBIA BASIN- 3RD POWER HOUSE	1975	2025	8,202	8,202	.06470	
5,502							
	TOTAL				----- 154,234		
2017	BONNEVILLE POWER ADMINISTRATION	1972	2017	3,206	3,206	.06320	
R	3,206						
	BONNEVILLE POWER ADMINISTRATION	1972	2017	4,442	4,442	.06320	
4,442							
	BONNEVILLE POWER ADMINISTRATION	1972	2017	23,677	23,677	.06320	
R	23,677						
	BONNEVILLE POWER ADMINISTRATION	1972	2017	32,799	32,799	.06320	
32,799							
	COLUMBIA BASIN- 3RD POWER HOUSE	1975	2025	8,202	2,700	.06470	
2,700							
	BPA PROGRAM	1999	2044	133,721	133,721	.06610	83,923
	TOTAL				----- 150,747		

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PROJECT REPLACEMENT +	IN-SERVICE AMOUNT	DUE	GROSS	NET	RATE		
2018 37,664	BONNEVILLE POWER ADMINISTRATION	1973	2018	37,664	37,664	.06340	
R 24,141	BONNEVILLE POWER ADMINISTRATION	1973	2018	24,141	24,141	.06340	
18,212	BONNEVILLE POWER ADMINISTRATION	1973	2018	18,212	18,212	.06340	
R 11,673	BONNEVILLE POWER ADMINISTRATION	1973	2018	11,673	11,673	.06340	
	BPA PROGRAM	1999	2044	133,721	49,798	.06610	49,798
	DWORSHAK	1978	2023	4	4	.06430	R 4
	DWORSHAK	1975	2023	4	4	.06430	R 4
	DWORSHAK	1980	2023	4	4	.06430	R 4
	DWORSHAK	1976	2023	4	4	.06430	R 4
	DWORSHAK	1974	2023	4	4	.06430	R 4
	DWORSHAK	1977	2023	4	4	.06430	R 4
	DWORSHAK	1979	2023	4	4	.06430	R 4
	DWORSHAK	1981	2023	4	4	.06430	R 4
	DWORSHAK	1973	2023	896	896	.06430	896
	DWORSHAK	1983	2023	4	4	.06430	R 4
	DWORSHAK	1982	2023	4	4	.06430	R 4
	YAKIMA-CHANDLER	1963	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1972	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1964	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1966	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1962	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1970	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1968	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1977	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	1971	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1956	2022	242	242	.06410	242
	YAKIMA-CHANDLER	1959	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1965	2022	1	1	.06410	R 1
5,934	BONNEVILLE POWER ADMINISTRATION	1977	2022	5,934	5,934	.06410	R
	YAKIMA-CHANDLER	1973	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1976	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1967	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1975	2022	1	1	.06410	R 1
	YAKIMA-CHANDLER	1974	2022	1	1	.06410	R 1
2,835	BONNEVILLE POWER ADMINISTRATION	1977	2022	37,113	37,113	.06410	
	TOTAL				151,453		

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT +	IN-SERVICE AMOUNT	DUE	GROSS	NET	RATE		
2019 13,977	BONNEVILLE POWER ADMINISTRATION	1974	2019	13,977	13,977	.06360	
R 24,283	BONNEVILLE POWER ADMINISTRATION	1974	2019	24,283	24,283	.06360	
13,421	BONNEVILLE POWER ADMINISTRATION	1974	2019	13,421	13,421	.06360	
R 23,314	BONNEVILLE POWER ADMINISTRATION	1974	2019	23,314	23,314	.06360	
34,278	BONNEVILLE POWER ADMINISTRATION	1977	2022	37,113	34,278	.06410	
	YAKIMA-CHANDLER	1969	2022	1	1	.06410	R 1
9,613	BONNEVILLE POWER ADMINISTRATION	1977	2022	9,613	9,613	.06410	R
4,354	BONNEVILLE POWER ADMINISTRATION	1977	2022	4,354	4,354	.06410	
2,447	BONNEVILLE POWER ADMINISTRATION	1976	2021	2,447	2,447	.06390	R
26,725	BONNEVILLE POWER ADMINISTRATION	1976	2021	67,534	67,534	.06390	
	TOTAL				152,413		
2020 19,025	BONNEVILLE POWER ADMINISTRATION	1975	2020	19,025	19,025	.06380	
35,527	BONNEVILLE POWER ADMINISTRATION	1975	2020	35,527	35,527	.06380	
R 13,020	BONNEVILLE POWER ADMINISTRATION	1975	2020	13,020	13,020	.06380	
R 24,312	BONNEVILLE POWER ADMINISTRATION	1975	2020	24,312	24,312	.06380	
40,809	BONNEVILLE POWER ADMINISTRATION	1976	2021	67,534	40,809	.06390	
	BPA PROGRAM	2000	2045	155,426	155,426	.06460	17,912
	TOTAL				150,605		
2021 137,514	BPA PROGRAM	2000	2045	155,426	137,514	.06460	
	BPA PROGRAM	2001	2046	191,695	191,695	.06400	7,355
	TOTAL				144,869		

2022	BPA PROGRAM	2001	2046	191,695	184,340	.06400	
143,339							
	TOTAL				-----	143,339	
2023	BPA PROGRAM	2001	2046	191,695	41,001	.06400	
41,001							
	BPA PROGRAM	2002	2047	124,277	124,277	.06400	R
100,515							
	TOTAL				-----	141,516	
2024	BPA PROGRAM	2002	2047	124,277	23,762	.06400	R
23,762							
	BPA PROGRAM	2003	2048	127,801	127,801	.06400	R
115,625							
	TOTAL				-----	139,387	

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

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE	
+	-----	-----	-----	-----	-----	-----	
2025	BPA PROGRAM	2003	2048	127,801	12,176	.06400	R
12,176							
	BPA PROGRAM	2004	2049	131,115	131,115	.06400	R
124,856							
	TOTAL				-----	137,032	
2026	BPA PROGRAM	2004	2049	131,115	6,259	.06400	R
6,259							
	BPA PROGRAM	2005	2050	134,397	134,397	.06400	R
128,180							
	TOTAL				-----	134,439	
2027	BPA PROGRAM	2005	2050	134,397	6,217	.06400	R
6,217							
	BPA PROGRAM	2006	2051	137,588	137,588	.06400	R
125,380							
	TOTAL				-----	131,597	

2028	BPA PROGRAM	2006	2051	137,588	12,208	.06400	R	
12,208								
	BPA PROGRAM	2007	2052	140,614	140,614	.06400	R	
116,284								
	TOTAL				-----			128,492
2029	BPA PROGRAM	2007	2052	140,614	24,330	.06400	R	
24,330								
	BPA PROGRAM	2008	2053	143,336	143,336	.06400	R	
100,773								
	TOTAL				-----			125,103
2030	BPA PROGRAM	2008	2053	143,336	42,563	.06400	R	
42,563								
	BPA PROGRAM	2009	2054	145,740	145,740	.06400	R	78,847
	TOTAL				-----			121,410
2031	BPA PROGRAM	2009	2054	145,740	66,893	.06400	R	
66,893								
	BPA PROGRAM	2010	2055	147,731	147,731	.06400	R	50,497
	TOTAL				-----			117,390
2032	BPA PROGRAM	2010	2055	147,731	97,234	.06400	R	
97,234								
	BPA PROGRAM	2011	2056	149,583	149,583	.06400	R	15,788
	TOTAL				-----			113,022

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

(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT	IN-SERVICE AMOUNT	DUE	GROSS	NET	RATE			
+	-----	-----	-----	-----	-----	-----	-----	
2033 BPA PROGRAM	2011	2056	149,583	133,795	.06400	R		
108,250								
	TOTAL			-----			108,250	
2034 BPA PROGRAM	2011	2056	149,583	25,545	.06400	R		
25,545								
	BPA PROGRAM	2012	2057	151,467	151,467	.06400	R	77,539

	TOTAL				-----	103,084		
2035	BPA PROGRAM	2012	2057	151,467	73,928	.06400	R	
73,928								
	BPA PROGRAM	2013	2058	153,397	153,397	.06400	R	23,590
	TOTAL				-----	97,518		
2036	BPA PROGRAM	2013	2058	153,397	129,807	.06400	R	
91,461								
	TOTAL				-----	91,461		
2037	BPA PROGRAM	2013	2058	153,397	38,346	.06400	R	
38,346								
	BPA PROGRAM	2014	2059	155,363	155,363	.06400	R	46,604
	TOTAL				-----	84,950		
2038	BPA PROGRAM	2014	2059	155,363	108,759	.06400	R	
77,937								
	TOTAL				-----	77,937		
2039	BPA PROGRAM	2014	2059	155,363	30,822	.06400	R	
30,822								
	BPA PROGRAM	2015	2060	157,464	157,464	.06400	R	39,565
	TOTAL				-----	70,387		
2040	BPA PROGRAM	2015	2060	157,464	117,899	.06400	R	
62,296								
	TOTAL				-----	62,296		
2041	BPA PROGRAM	2015	2060	157,464	55,603	.06400	R	
53,655								
	TOTAL				-----	53,655		
2042	BPA PROGRAM	2015	2060	157,464	1,948	.06400	R	
1,948								
	BPA PROGRAM	2016	2061	159,646	159,646	.06400	R	42,381
	TOTAL				-----	44,329		

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(ALL AMOUNT IN \$1000)

PROJECT REPLACEMENT +	AMOUNT	IN-SERVICE	DUE	GROSS	NET	RATE	
2043 34,396	BPA PROGRAM	2016	2061	159,646	117,265	.06400	R

TOTAL						34,396	
2044 23,751	BPA PROGRAM	2016	2061	159,646	82,869	.06400	R

TOTAL						23,751	
2045 12,351	BPA PROGRAM	2016	2061	159,646	59,118	.06400	R

TOTAL						12,351	
2046 124	BPA PROGRAM	2016	2061	159,646	46,767	.06400	R

TOTAL						124	
0	GRAND TOTAL					5,878,207	
0	TOTAL DEFERRAL					0	

0	NET					5,878,207	
1							
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SUMMARY OF AMORTIZATION TRANSMISSION FY 2002 REVISED REPAYMENT
STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
BUREAU OF RECLAMATION										
BOISE										
COLUMBIA BASIN					3,106					
COLUMBIA BASIN- 3RD										
HUNGRY HORSE							546			
MINIDOKA										
YAKIMA-CHANDLER										
YAKIMA-ROZA										
TOTAL BUREAU					3,106		546			
CORPS OF ENGINEERS										

ALBENI FALLS
 BONNEVILLE
 BONNEVILLE - 2ND POW
 CHIEF JOSEPH
 COUGAR
 COLUMBIA RIVER FISH
 DETROIT-BIG CLIFF
 DWORSHAK
 GREEN PETER-FOSTER
 HILLS CREEK
 ICE HARBOR
 JOHN DAY
 LIBBY
 LITTLE GOOSE
 LOOKOUT POINT-DEXTER
 LOST CREEK
 LOWER GRANITE
 LOWER MONUMENTAL
 MCNARY
 STRUBE
 THE DALLES

TOTAL CORPS

LOWER SNAKE F AND W
 BONNEVILLE POWER ADM 35,718 42,020 22,848 48,662 25,058 27,662
 18,042 8,324 16,831

BPA BORROWING

BPA PROGRAM 110,293 93,901 93,917 116,739 71,762 107,406 107,198 119,335
 131,026 125,453

BUREAU DIRECT FUND
 FISH, WILDLIFE & ENV

TOTAL BPA BORROWING 110,293 93,901 93,917 116,739 71,762 107,406 107,198
 119,335 131,026 125,453

TOTALS 110,293 129,619 135,937 139,587 123,530 132,464 135,406 137,377
 139,350 142,284

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SUMMARY OF AMORTIZATION TRANSMISSION FY 2002 REVISED REPAYMENT
 STUDY FOR 1996 FINAL RATE FILING

(ALL AMOUNTS IN \$1000)

2007 2008 2009 2010 2011 2012 2013 2014 2015 2016
 BUREAU OF RECLAMATION

BOISE
 COLUMBIA BASIN

COLUMBIA BASIN- 3RD		61,282
HUNGRY HORSE		
MINIDOKA	130	
YAKIMA-CHANDLER		
YAKIMA-ROZA	175	
TOTAL BUREAU	305	61,282

CORPS OF ENGINEERS

ALBENI FALLS		
BONNEVILLE		
BONNEVILLE - 2ND POW		3,762
CHIEF JOSEPH		
COUGAR		
COLUMBIA RIVER FISH		
DETROIT-BIG CLIFF		
DWORSHAK		
GREEN PETER-FOSTER		
HILLS CREEK		
ICE HARBOR	569	250
JOHN DAY		
LIBBY		
LITTLE GOOSE		
LOOKOUT POINT-DEXTER		
LOST CREEK		
LOWER GRANITE		
LOWER MONUMENTAL		
MCNARY		
STRUBE		
THE DALLES		
TOTAL CORPS	569	4,012

LOWER SNAKE F AND W								
BONNEVILLE POWER ADM	26,336	11,822	11,903	28,859	25,625	45,762	85,723	
73,199	112,966	67,014						

BPA BORROWING

BPA PROGRAM	123,135	132,825	134,796	108,317	108,778	93,066	56,284	67,655
28,998	9,526							
BUREAU DIRECT FUND								
FISH, WILDLIFE & ENV			12,100	15,000	12,200	11,200	11,500	
11,900	12,400							
TOTAL BPA BORROWING	123,135	132,825	134,796	120,417	123,778	105,266	67,484	
79,155	40,898	21,926						

TOTALS	149,471	144,952	146,699	149,276	149,403	151,597	153,207	152,354
153,864	154,234							

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THE DALLES

TOTAL CORPS

LOWER SNAKE F AND W
BONNEVILLE POWER ADM

BPA BORROWING

BPA PROGRAM	84,950	77,937	70,387	62,296	53,655	44,329	34,396	23,751
12,351 124								

BUREAU DIRECT FUND
FISH, WILDLIFE & ENV

TOTAL BPA BORROWING	84,950	77,937	70,387	62,296	53,655	44,329	34,396	
23,751 12,351 124								

TOTALS	84,950	77,937	70,387	62,296	53,655	44,329	34,396	23,751
12,351 124								

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SUMMARY OF AMORTIZATION TRANSMISSION FY 2002 REVISED REPAYMENT
STUDY FOR 1996 FINAL RATE FILING

TOTALS

BUREAU OF RECLAMATION

BOISE

COLUMBIA BASIN	3,106
COLUMBIA BASIN- 3RD	63,982
HUNGRY HORSE	546
MINIDOKA	130
YAKIMA-CHANDLER	261
YAKIMA-ROZA	175

TOTAL BUREAU 68,200

CORPS OF ENGINEERS

ALBENI FALLS

BONNEVILLE

BONNEVILLE - 2ND POW 3,762

CHIEF JOSEPH

COUGAR

COLUMBIA RIVER FISH

DETROIT-BIG CLIFF

DWORSHAK 936

GREEN PETER-FOSTER

HILLS CREEK

ICE HARBOR 819

JOHN DAY

LIBBY

LITTLE GOOSE

LOOKOUT POINT-DEXTER
LOST CREEK
LOWER GRANITE
LOWER MONUMENTAL
MCNARY
STRUBE
THE DALLES

TOTAL CORPS 5,517

LOWER SNAKE F AND W
BONNEVILLE POWER ADM 1,184,062

BPA BORROWING

BPA PROGRAM 4,534,128
BUREAU DIRECT FUND
FISH, WILDLIFE & ENV 86,300

TOTAL BPA BORROWING 4,620,428

TOTALS -----
 5,878,207