

Table 1
SUPPLY SYSTEM WNP-1 PROJECTED NET DEBT SERVICE STREAM
BPA FY 1994 - 2017

Payment Date (Fiscal Year)	Principal	Interest	Total Gross Debt Service	Investment Income 1/	R&C Funding Requirements	Reserve Freeups	Construction Free-ups	BPA Net Debt Service
1994 2/	46,094,000	144,070,000	190,164,000	12,330,000	862,000	5,042,000		187,562,000
1995 3/	56,941,000	146,344,000	203,285,000	7,365,000	382,000	2,393,000		174,425,000
1996	47,616,250	144,775,845	192,392,095	6,788,572	-1,220,045	0		184,383,478
1997	51,332,500	142,056,096	193,388,596	6,594,540	99,650	0	72,000,000	114,893,706
1998	56,583,750	139,017,461	195,601,211	6,535,453	221,262	0		189,287,019
1999	68,287,500	135,575,273	203,862,773	6,561,923	826,156	0		198,127,007
2000	72,520,000	131,248,383	203,768,383	6,511,611	-9,439	0		197,247,334
2001	76,005,000	126,575,318	202,580,318	6,416,457	-118,806	0		196,045,055
2002	73,372,500	121,556,323	194,928,823	6,241,433	-765,150	0		187,922,240
2003	69,297,500	116,741,911	186,039,411	6,254,677	-888,941	0		178,895,792
2004	76,135,000	112,313,954	188,448,954	6,372,428	240,954	0		182,317,481
2005	74,701,250	107,394,849	182,096,099	6,439,159	-635,286	0		175,021,655
2006	89,235,000	102,508,041	191,743,041	6,621,424	964,694	0		186,086,311
2007	95,256,250	96,541,829	191,798,079	6,607,186	5,504	0		185,196,397
2008	101,118,750	89,942,384	191,061,134	6,483,587	-73,695	0		184,503,852
2009	105,873,750	82,938,042	188,811,792	6,387,627	-224,934	0		182,199,231
2010	117,302,500	75,882,958	193,185,458	6,435,468	437,367	0		187,187,356
2011	137,657,500	68,167,805	205,825,305	6,539,286	1,263,985	0		200,550,004
2012	147,476,250	59,336,088	206,812,338	6,546,287	98,703	0		200,364,754
2013	158,541,250	50,537,204	209,078,454	6,547,644	226,612	0		202,757,422
2014	168,033,750	41,118,192	209,151,942	6,562,827	7,349	0		202,596,464
2015	178,378,750	31,146,904	209,525,654	6,624,814	37,371	0		202,938,212
2016	189,856,250	20,621,377	210,477,627	6,614,962	95,197	20,023,386		183,934,477
2017	148,987,500	8,926,095	157,913,595	4,887,582	7,383	60,070,157		92,963,239
2018	0	0	0	0	0	0		0
Total	2,406,603,750	2,295,336,332	4,701,940,082	161,269,945	1,839,892	87,528,543	72,000,000	4,377,405,487

1/ Interest rate assumptions based on WEFA 1995 Fourth Quarter Long Term Economic Outlook, Volume 1, Trend Growth Scenario. Reflects decrease in minimum reserve balances resulting from 1993-D refunding. Other refunding issues include: 1993A, 1993B, 1993C, 1993-1A.

2/ Reflects actual net debt service. Columns may not add because of other detailed budget adjustments.

3/ Reflects Supply System March 27, 1995 budget. Columns may not add because of other detailed budget adjustments.

Table 2
SUPPLY SYSTEM WNP-2 PROJECTED NET DEBT SERVICE STREAM
(Excludes Debt Service for Capital Additions)
BPA FY 1994 - 2012

Payment Date	Principal	Interest	Total Gross Debt Service	Investment Income 1/	R&C Funding Requirements	Reserve Freeups	BPA Net Debt Service 2/
1994 2/	3,933,000	154,337,000	158,270,000	15,247,000	-534	1,214,000	138,472,000
1995 3/	19,540,000	155,929,000	175,469,000	18,466,000	1,213,000	0	158,900,000
1996	56,558,750	155,115,854	211,674,604	11,160,927	3,620,914	0	204,134,591
1997	69,305,000	152,293,474	221,598,474	10,878,281	992,387	0	211,712,580
1998	84,131,250	148,207,618	232,338,868	10,814,305	1,074,039	0	222,598,603
1999	123,128,750	142,980,316	266,109,066	10,983,608	3,377,020	0	258,502,477
2000	140,601,250	134,720,235	275,321,485	10,955,339	921,242	0	265,287,388
2001	149,385,000	125,051,062	274,436,062	10,807,317	-88,542	0	263,540,203
2002	122,673,750	114,895,486	237,569,236	10,403,525	-3,686,683	0	223,479,028
2003	198,704,763	109,748,285	308,453,048	10,906,015	7,088,381	0	304,635,414
2004	147,535,515	108,445,392	255,980,906	10,816,378	-5,247,214	0	239,917,314
2005	119,520,178	106,676,699	226,196,878	10,843,151	-2,978,403	0	212,375,323
2006	140,289,628	91,817,597	232,107,225	11,111,424	591,035	0	221,586,836
2007	172,297,856	80,687,437	252,985,293	11,198,285	2,087,807	0	243,874,815
2008	191,856,413	62,916,755	254,773,168	11,001,119	178,787	0	243,950,836
2009	192,471,396	57,703,537	250,174,933	10,826,183	-459,823	0	238,888,927
2010	193,659,032	49,957,571	243,616,603	10,818,594	-655,833	0	232,142,176
2011	215,903,920	36,731,374	252,635,293	10,918,544	901,869	33,145,713	209,472,905
2012	272,523,750	16,428,060	288,951,810	8,753,117	13,263,379	99,437,139	194,024,932
2013	0	0	0	0	0	0	0
Total	2,614,019,201	2,004,642,750	4,618,661,951	216,909,113	22,192,827	133,796,852	4,287,496,347

1/ Interest rate assumptions based on WEFA 1995 Fourth Quarter Long Term Economic Outlook, Volume 1, Trend Growth Scenario. Reflects debt refunding issues: 1993A, 1993B, 1993C, 1993-1A.

2/ Reflects actual net debt service. Columns may not add because of other detailed budget adjustments.

3/ Reflects Supply System April 7, 1995 budget. Columns may not add because of other detailed budget adjustments.

Table 3
SUPPLY SYSTEM WNP-2 PROJECTED NET DEBT SERVICE STREAM
(Includes Debt Service for Capital Additions)
BPA FY 1994 - 2012

Payment Date	Principal	Interest	Total Gross Debt Service	Investment Income 1/	R&C Funding Requirement	Reserve Freeups	BPA Net Debt Service 2/
1994 2/	3,933,000	154,337,000	158,270,000	15,247,000	-534	1,214,000	138,472,000
1995 3/	19,540,000	155,929,000	175,469,000	18,466,000	1,213,000	0	158,900,000
1996	56,613,458	155,280,546	211,894,004	11,160,927	3,621,000	0	204,343,845
1997	69,600,623	153,113,873	222,714,497	10,878,281	992,387	0	212,828,603
1998	84,733,353	149,814,311	234,547,663	10,814,305	1,074,039	0	224,807,398
1999	124,028,482	145,265,898	269,294,381	10,983,608	3,377,020	0	261,687,792
2000	141,789,140	137,577,928	279,367,067	10,955,339	921,242	0	269,332,970
2001	150,899,539	128,512,125	279,411,664	10,807,317	-88,542	0	268,515,804
2002	124,550,057	118,971,300	243,521,357	10,403,525	-3,686,683	0	229,431,149
2003	200,998,662	114,499,280	315,497,942	10,906,015	7,088,381	0	311,680,308
2004	150,191,257	113,601,809	263,793,066	10,816,378	-5,247,214	0	247,729,473
2005	122,362,602	111,646,435	234,009,037	10,843,151	-2,978,403	0	220,187,483
2006	143,331,857	96,587,528	239,919,385	11,111,424	591,035	0	229,398,995
2007	175,553,934	85,243,518	260,797,453	11,198,285	2,087,807	0	251,686,975
2008	195,341,372	67,243,955	262,585,327	11,001,119	178,787	0	251,762,996
2009	196,201,327	61,785,766	257,987,093	10,826,183	-459,823	0	246,701,087
2010	197,651,153	53,777,609	251,428,762	10,818,594	-655,833	0	239,954,336
2011	220,176,662	40,270,791	260,447,453	10,918,544	901,869	33,145,713	217,285,065
2012	277,096,839	19,667,130	296,763,970	8,753,117	13,263,379	99,437,139	201,837,092
2013	4,894,548	2,917,611	7,812,160	0	0	0	7,812,160
2014	5,238,604	2,573,555	7,812,160	0	0	0	7,812,160
2015	5,606,845	2,205,314	7,812,160	0	0	0	7,812,160
2016	5,788,102	1,814,803	7,602,905	0	0	0	7,602,905
2017	5,272,536	1,423,601	6,696,137	0	0	0	6,696,137
2018	4,531,512	1,071,852	5,603,364	0	0	0	5,603,364
2019	3,856,660	770,185	4,626,845	0	0	0	4,626,845
2020	3,252,630	513,947	3,766,577	0	0	0	3,766,577
2021	2,535,184	301,374	2,836,558	0	0	0	2,836,558
2022	1,720,003	140,035	1,860,038	0	0	0	1,860,038
2023	729,258	38,008	767,266	0	0	0	767,266
2024	0	0	0	0	0	0	0
Total	2,698,019,201	2,076,896,087	4,774,915,288	216,909,113	22,192,914	133,796,852	4,443,739,538

1/ Interest rate assumptions based on WEFA 1995 Fourth Quarter Long Term Economic Outlook, Volume 1, Trend Growth Scenario. Reflects debt refunding issues: 1993A, 1993B, 1993C, 1993-1A.

2/ Reflects actual net debt service. Columns may not add because of other detailed budget adjustments.

3/ Reflects Supply System April 7, 1995 budget. Columns may not add because of other detailed budget adjustments.

Table 4
Total Annual Debt Service for
Supply System WNP-2 Capital Improvement Projects
BPA Fiscal Year

Fiscal Year	Principal	Interest	Total
1995	0	0	0
1996	0	0	0
1997	54,708	154,546	209,254
1998	295,623	820,399	1,116,023
1999	602,103	1,606,692	2,208,795
2000	899,732	2,285,583	3,185,315
2001	1,187,890	2,857,693	4,045,583
2002	1,514,539	3,461,063	4,975,602
2003	1,876,307	4,075,815	5,952,122
2004	2,293,898	4,750,996	7,044,894
2005	2,655,742	5,156,417	7,812,160
2006	2,842,424	4,969,735	7,812,160
2007	3,042,229	4,769,931	7,812,160
2008	3,256,078	4,556,081	7,812,160
2009	3,484,960	4,327,200	7,812,160
2010	3,729,931	4,082,229	7,812,160
2011	3,992,121	3,820,038	7,812,160
2012	4,272,742	3,539,417	7,812,160
2013	4,573,089	3,239,070	7,812,160
2014	4,894,548	2,917,611	7,812,160
2015	5,238,604	2,573,555	7,812,160
2016	5,606,845	2,205,314	7,812,160
2017	5,788,102	1,814,803	7,602,905
2018	5,272,536	1,423,601	6,696,137
2019	4,531,512	1,071,852	5,603,364
2020	3,856,660	770,185	4,626,845
2021	3,252,630	513,947	3,766,577
2022	2,535,184	301,374	2,836,558
2023	1,720,003	140,035	1,860,038
2024	729,258	38,008	767,266
2025			
Total	84,000,000	72,243,191	156,243,191

Table 5
SUPPLY SYSTEM WNP-3 PROJECTED NET DEBT SERVICE STREAM
BPA FY 1994 - 2018

Payment Date (Fiscal Year)	Principal	Interest	Total Gross Debt Service	Investment Income 1/	R&C Funding Requirements	Reserve Freeups	BPA Net Debt Service
1994 2/	40,991,000	94,044,000	135,035,000	9,468,000	-1,263,000	6,457,000	125,293,000
1995 3/	43,188,750	100,324,000	143,512,750	6,528,000	131,000	3,530,000	130,774,000
1996	44,728,750	99,602,271	144,331,021	5,678,459	-91,196	0	138,561,365
1997	36,006,250	96,998,120	133,004,370	5,272,452	-1,132,665	0	126,599,253
1998	42,953,750	94,968,595	137,922,345	4,900,545	491,798	0	133,513,598
1999	69,368,750	92,421,339	161,790,089	5,555,021	2,386,774	0	158,621,843
2000	72,664,940	89,585,082	162,250,022	5,527,002	45,993	0	156,769,013
2001	72,752,910	89,985,176	162,738,086	5,453,718	48,806	0	157,333,175
2002	76,823,503	86,636,006	163,459,509	5,348,330	72,142	0	158,183,321
2003	74,490,423	88,265,831	162,756,253	5,402,687	-70,326	0	157,283,240
2004	62,702,243	96,502,657	159,204,899	5,479,808	-355,135	0	153,369,956
2005	63,830,208	94,657,251	158,487,459	5,572,769	-71,744	0	152,842,946
2006	63,187,948	93,394,009	156,581,956	5,681,867	-190,550	0	150,709,539
2007	59,834,609	93,123,398	152,958,008	5,644,623	-362,395	0	146,950,989
2008	61,809,143	91,203,572	153,012,715	5,542,969	5,471	0	147,475,217
2009	64,265,128	88,804,494	153,069,622	5,466,424	5,691	0	147,608,889
2010	70,703,794	84,232,777	154,936,572	5,486,186	186,695	0	149,637,080
2011	87,863,590	74,993,751	162,857,341	5,550,080	792,077	0	158,099,337
2012	97,398,821	72,872,193	170,271,014	5,594,238	741,367	0	165,418,143
2013	96,146,252	74,300,103	170,446,355	5,588,915	17,534	0	164,874,974
2014	106,071,119	64,456,518	170,527,638	5,602,643	8,128	0	164,933,123
2015	130,373,706	40,253,975	170,627,680	5,654,435	10,004	0	164,983,249
2016	135,882,118	34,852,111	170,734,228	5,642,410	10,655	0	165,102,473
2017	143,969,055	26,870,595	170,839,650	5,530,799	10,542	17,760,784	147,558,609
2018	112,347,081	15,840,864	128,187,945	4,095,907	7,761	53,282,352	70,817,447
2019	0	0	0	0	0	0	0
Total	1,930,353,840	1,979,188,687	3,909,542,527	141,268,288	1,435,428	81,030,136	3,693,313,780

1/ Interest rate assumptions based on WEFA 1995 Fourth Quarter Long Term Economic Outlook, Volume 1, Trend Growth Scenario
 Reflects decrease in minimum reserve balances resulting from 1993-D refunding. Other refunding issues include:
 1993B, 1993C, 1993-1A.

2/ Reflects actual net debt service. Columns may not add because of other detailed budget adjustments.

3/ Reflects Supply System March 27, 1995 budget. Columns may not add because of other detailed budget adjustments.

Table 6
SUPPLY SYSTEM TOTAL WNP NET DEBT SERVICE STREAM
BPA FY 1994 - 2018

Payment Date (Fiscal Year)	Principal	Interest	Total Gross Debt Service	Investment Income 1/	R&C Funding Requirements	Reserve Freeups	BPA Net Debt Service
1994 2/	91,018,000	392,451,000	483,469,000	37,045,000	-401,534	12,713,000	451,327,000
1995 3/	119,669,750	402,597,000	522,266,750	32,359,000	1,726,000	5,923,000	464,099,000
1996	148,958,458	399,658,662	548,617,120	23,627,959	2,309,759	0	527,288,688
1997	156,939,373	392,168,089	549,107,462	22,745,272	-40,628	0	454,321,562
1998	184,270,853	383,800,366	568,071,219	22,250,303	1,787,098	0	547,608,015
1999	261,684,732	373,262,511	634,947,243	23,100,552	6,589,950	0	618,436,642
2000	286,974,080	358,411,393	645,385,472	22,993,952	957,796	0	623,349,317
2001	299,657,449	345,072,619	644,730,068	22,677,491	-158,542	0	621,894,035
2002	274,746,059	327,163,630	601,909,689	21,993,288	-4,379,690	0	575,536,711
2003	344,786,584	319,507,022	664,293,606	22,563,380	6,129,114	0	647,859,340
2004	289,028,500	322,418,420	611,446,920	22,668,615	-5,361,395	0	583,416,910
2005	260,894,061	313,698,535	574,592,596	22,855,079	-3,685,432	0	548,052,084
2006	295,754,805	292,489,577	588,244,381	23,414,715	1,365,179	0	566,194,845
2007	330,644,794	274,908,746	605,553,540	23,450,094	1,730,916	0	583,834,361
2008	358,269,266	248,389,910	606,659,176	23,027,675	110,564	0	583,742,064
2009	366,340,205	233,528,302	599,868,506	22,680,234	-679,067	0	576,509,206
2010	385,657,448	213,893,345	599,550,792	22,740,248	-31,771	0	576,778,772
2011	445,697,752	183,432,346	629,130,098	23,007,910	2,957,931	33,145,713	575,934,406
2012	521,971,910	151,875,411	673,847,321	20,893,642	14,103,449	99,437,139	567,619,990
2013	259,582,050	127,754,918	387,336,969	12,136,559	244,146	0	375,444,555
2014	279,343,474	108,148,265	387,491,739	12,165,469	15,477	0	375,341,747
2015	314,359,301	73,606,193	387,965,494	12,279,249	47,375	0	375,733,620
2016	331,526,470	57,288,291	388,814,761	12,257,371	105,852	20,023,386	356,639,856
2017	298,229,091	37,220,290	335,449,382	10,418,381	17,925	77,830,941	247,217,985
2018	116,878,593	16,912,716	133,791,309	4,095,907	7,761	53,282,352	76,420,811
2019	3,856,660	770,185	4,626,845	0	0	0	0
Total	7,022,883,057	6,349,657,557	13,372,540,614	519,447,346	25,468,233	302,355,531	12,500,601,522

1/ Interest rate assumptions based on WEFA 1995 Fourth Quarter Long Term Economic Outlook, Volume 1, Trend Growth Scenario. Reflects decrease in minimum reserve balances resulting from 1993-D refunding. Other refunding issues include: 1993B, 1993C, 1993-1A.

2/ Reflects actual net debt service. Columns may not add because of other detailed budget adjustments.

3/ Reflects Supply System March 27, and April 7, 1995 budgets. Columns may not add because of other detailed budget adjustments.

Table 7
EWEB's SHARE OF TROJAN PROJECTED NET DEBT SERVICE STREAM
BPA FY 1994 - 2009

Payment Date	Principal	Interest	Total Gross Debt Service	Investment Income 1/	Reserve Account Freeups	Total Net Debt Service
1994	4,220,000	6,346,000	10,566,000	451,000	0	10,115,000
1995	4,444,000	6,115,000	10,559,000	647,325	0	9,911,675
1996	4,691,250	5,866,885	10,558,135	676,463	0	9,881,673
1997	4,961,250	5,600,609	10,561,859	638,400	0	9,923,459
1998	5,240,000	5,315,931	10,555,931	618,713	0	9,937,219
1999	5,542,500	5,014,631	10,557,131	628,950	0	9,928,181
2000	5,871,250	4,689,615	10,560,865	638,663	0	9,922,203
2001	6,213,750	4,343,211	10,556,961	620,813	0	9,936,149
2002	6,581,250	3,976,600	10,557,850	610,313	0	9,947,538
2003	6,967,500	3,588,306	10,555,806	601,913	0	9,953,894
2004	7,380,000	3,177,224	10,557,224	593,250	0	9,963,974
2005	7,818,750	2,741,804	10,560,554	571,463	0	9,989,092
2006	8,278,750	2,280,498	10,559,248	549,938	0	10,009,311
2007	8,766,250	1,792,051	10,558,301	544,950	0	10,013,351
2008	9,283,750	1,274,843	10,558,593	549,675	0	10,008,918
2009	9,831,250	727,101	10,558,351	557,550	10,500,000	-499,199
2010	0	0	0	0	0	0
Total	106,091,500	62,850,309	168,941,809	9,499,375	10,500,000	148,942,434

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Reflects earnings on Debt Service Reserve Funds. Interest rate assumptions based on WEFA 1995 Third Quarter Long Term Economic Outlook, Volume 1, Trend Growth Scenario.

Table 8
EWEB CONSERVATION PROJECTED NET DEBT SERVICE STREAM
BPA FY 1994 - 2000

Payment Date (Fiscal Year)	Principal	Interest	Total Gross Debt Service	Investment Income	Reserve Account Freeups	Total Net Debt Service
1994	1,230,000	672,166	1,902,166	0	0	1,902,166
1995	1,305,000	597,136	1,902,136	0	0	1,902,136
1996	1,390,000	516,226	1,906,226	0	0	1,906,226
1997	1,485,000	428,656	1,913,656	0	0	1,913,656
1998	1,575,000	333,616	1,908,616	0	0	1,908,616
1999	1,690,000	231,240	1,921,240	0	0	1,921,240
2000	1,800,000	119,700	1,919,700	0	0	1,919,700
Total	10,475,000	2,898,740	13,373,740	0	0	13,373,740

Table 9
IDAHO FALLS PROJECTED NET DEBT SERVICE STREAM
BPA FY 1994 - 2013

Payment Date (Fiscal Year)	Principal	Interest 1/	Total 1/ Gross Debt Service	Investment Income 2/	Reserve Account Freeups	Total Net Debt Service
1994	685,000	3,406,601	4,091,601	195,657	0	3,895,944
1995	755,000	2,887,323	3,642,323	249,221	0	3,393,102
1996	815,000	3,274,816	4,089,816	260,439	0	3,829,377
1997	890,000	3,198,499	4,088,499	245,784	0	3,842,715
1998	985,000	3,113,139	4,098,139	238,205	0	3,859,934
1999	1,080,000	3,017,069	4,097,069	242,146	0	3,854,923
2000	1,185,000	2,910,021	4,095,021	245,885	0	3,849,136
2001	1,300,000	2,738,908	4,038,908	239,013	0	3,799,895
2002	1,420,000	2,554,835	3,974,835	234,971	0	3,739,864
2003	1,560,000	2,408,965	3,968,965	231,737	0	3,737,228
2004	1,725,000	2,247,900	3,972,900	228,402	0	3,744,498
2005	1,905,000	2,069,280	3,974,280	220,013	0	3,754,267
2006	2,095,000	1,875,797	3,970,797	211,726	0	3,759,071
2007	2,310,000	1,666,416	3,976,416	209,806	0	3,766,610
2008	2,525,000	1,437,120	3,962,120	211,625	0	3,750,495
2009	2,775,000	1,185,413	3,960,413	214,657	0	3,745,756
2010	2,795,000	933,766	3,728,766	217,588	0	3,511,178
2011	3,055,000	670,597	3,725,597	218,295	0	3,507,302
2012	3,335,000	383,236	3,718,236	217,386	0	3,500,850
2013	3,650,000	68,894	3,718,894	214,354	4,042,507	-537,967
2014	0	0	0	0	0	0
Total	36,845,000	42,048,595	78,893,595	4,546,911	4,042,507	70,304,177

1/

Reflects July 23, 1991, Memorandum of Understanding between Bonneville and the City of Idaho Falls to reduce BPA's debt service obligation.

2/

Reflects projected earnings from the Debt Service Reserve Fund, and Repair and Replacement Reserve Fund investments. Interest rates based on WEFA 1995 Third Quarter Long Term Economic Outlook, Volume 1, Trend Growth Scenario.

Table 10
COWLITZ FALLS PROJECTED NET DEBT SERVICE STREAM 1/
BPA FY 1994 - 2024

Payment Date (Fiscal Year)	Principal	Interest	Total 1/ Gross Debt Service	Investment Income	Reserve Account Freeups	Total Net Debt Service
1994	600,000	11,439,218	12,039,218	875,326	0	11,163,892
1995	2,645,000	10,407,279	13,052,279	875,326	0	12,176,953
1996	2,775,000	10,274,229	13,049,229	875,326	0	12,173,903
1997	2,925,000	10,127,004	13,052,004	875,326	0	12,176,678
1998	3,085,000	9,966,924	13,051,924	875,326	0	12,176,598
1999	3,260,000	9,794,064	13,054,064	875,326	0	12,178,738
2000	3,445,000	9,606,774	13,051,774	875,326	0	12,176,448
2001	3,650,000	9,405,031	13,055,031	875,326	0	12,179,705
2002	3,865,000	9,187,693	13,052,693	875,326	0	12,177,367
2003	4,050,000	9,004,105	13,054,105	875,326	0	12,178,779
2004	4,245,000	8,806,668	13,051,668	875,326	0	12,176,342
2005	4,460,000	8,594,418	13,054,418	875,326	0	12,179,092
2006	4,690,000	8,365,843	13,055,843	875,326	0	12,180,517
2007	4,930,000	8,121,963	13,051,963	875,326	0	12,176,637
2008	5,190,000	7,863,138	13,053,138	875,326	0	12,177,812
2009	5,465,000	7,584,175	13,049,175	875,326	0	12,173,849
2010	5,765,000	7,283,600	13,048,600	875,326	0	12,173,274
2010	5,765,000	1,481,100	7,246,100	875,326	0	6,370,774
2011	6,085,000	6,966,525	13,051,525	875,326	0	12,176,199
2012	6,425,000	6,631,850	13,056,850	875,326	0	12,181,524
2013	6,775,000	6,278,475	13,053,475	875,326	0	12,178,149
2014	7,150,000	5,905,850	13,055,850	875,326	0	12,180,524
2015	7,540,000	5,512,600	13,052,600	875,326	0	12,177,274
2016	7,950,000	5,097,900	13,047,900	875,326	0	12,172,574
2017	8,395,000	4,660,650	13,055,650	875,326	0	12,180,324
2018	8,855,000	4,198,925	13,053,925	875,326	0	12,178,599
2019	9,340,000	3,711,900	13,051,900	875,326	0	12,176,574
2020	9,855,000	3,198,200	13,053,200	875,326	0	12,177,874
2021	10,395,000	2,656,175	13,051,175	875,326	0	12,175,849
2022	10,970,000	2,084,450	13,054,450	875,326	0	12,179,124
2023	11,985,000	1,481,100	13,466,100	875,326	0	12,590,774
2024	12,700,000	762,000	13,462,000	875,326	13,466,550	-879,876
2025	0	0	0	0	0	0
Total	195,230,000	216,459,826	411,689,826	28,010,432	13,466,550	370,212,844

s

1/ Reflects 1993 refunding of 1991 Cowlitz Falls Hydroelectric Project Revenue Bonds.

Table 11
Northern Wasco Projected Net Debt Service Stream
BPA FY 1994 - 2024

Payment Date (Fiscal Year)	Principal	Interest	Total Gross Debt Service	Investment Income	Reserve Account Freeups	Total 1/ Net Debt Service
1994	0	1,228,043	1,228,043	0	0	1,228,043
1995	0	1,637,390	1,637,390	0	0	1,637,390
1996	0	1,637,390	1,637,390	0	0	1,637,390
1997	442,500	1,637,390	2,079,890	0	0	2,079,890
1998	605,000	1,620,796	2,225,796	0	0	2,225,796
1999	628,750	1,596,965	2,225,715	0	0	2,225,715
2000	653,750	1,571,815	2,225,565	0	0	2,225,565
2001	682,500	1,544,428	2,226,928	0	0	2,226,928
2002	708,750	1,515,421	2,224,171	0	0	2,224,171
2003	741,250	1,483,959	2,225,209	0	0	2,225,209
2004	776,250	1,450,603	2,226,853	0	0	2,226,853
2005	811,250	1,414,494	2,225,744	0	0	2,225,744
2006	850,000	1,376,058	2,226,058	0	0	2,226,058
2007	890,000	1,335,683	2,225,683	0	0	2,225,683
2008	933,750	1,291,720	2,225,470	0	0	2,225,470
2009	982,500	1,244,324	2,226,824	0	0	2,226,824
2010	1,032,500	1,194,216	2,226,716	0	0	2,226,716
2011	1,082,500	1,141,559	2,224,059	0	0	2,224,059
2012	1,136,250	1,086,351	2,222,601	0	0	2,222,601
2013	1,195,000	1,028,403	2,223,403	0	0	2,223,403
2014	1,258,750	966,550	2,225,300	0	0	2,225,300
2015	1,323,750	901,095	2,224,845	0	0	2,224,845
2016	1,392,500	832,260	2,224,760	0	0	2,224,760
2017	1,466,250	759,850	2,226,100	0	0	2,226,100
2018	1,541,250	683,605	2,224,855	0	0	2,224,855
2019	1,620,000	603,460	2,223,460	0	0	2,223,460
2020	1,703,750	519,220	2,222,970	0	0	2,222,970
2021	1,792,500	430,625	2,223,125	0	0	2,223,125
2022	1,886,250	337,415	2,223,665	0	0	2,223,665
2023	1,985,000	239,330	2,224,330	0	0	2,224,330
2024	528,750	27,495	556,245	0	0	556,245
2025	0	0	0	0	0	0
Total	30,651,250	34,337,910	64,989,160	0	0	64,989,160

1/ Construction funds will be used to satisfy debt service obligation through BPA fiscal year 2011.

Table 12
EMERALD PROJECTED NET DET SERVICE STREAM
 BPA FY 1994 - 2010

Pay Date	Principal	Interest	Gross Debt		Reserve Account Freeups	Total Net Debt Service
			Service	Investment Income		
1994	3,380	5,167	8,547	0	0	8,547
1995	87,561	140,649	228,210	0	0	228,210
1996	102,952	150,387	253,340	0	0	253,340
1997	109,985	143,355	253,340	0	0	253,340
1998	117,499	135,841	253,340	0	0	253,340
1999	125,528	127,812	253,340	0	0	253,340
2000	134,084	119,256	253,340	0	0	253,340
2001	143,275	110,064	253,340	0	0	253,340
2002	153,072	100,267	253,340	0	0	253,340
2003	163,541	89,799	253,340	0	0	253,340
2004	174,728	78,611	253,340	0	0	253,340
2005	186,683	66,656	253,340	0	0	253,340
2006	199,459	53,880	253,340	0	0	253,340
2007	213,112	40,228	253,340	0	0	253,340
2008	227,702	25,637	253,340	0	0	253,340
2009	234,748	10,044	244,793	0	0	244,793
2010	24,913	217	25,129	0	0	25,129
Total	2,402,223	1,397,870	3,800,093	0	0	3,800,093

Table 13
CONSERVATION AND RENEWABLE ENERGY SYSTEM
PROJECTED NET DEBT SERVICE STREAM
BPA FY 1994 - 2014

Payment Date (Fiscal Year)	Principal	Interest	Total Gross Debt Service	Investment Income	Reserve Account Freeups	Total Net Debt Service
1994	0	0	0	0	0	0
1995	0	0	0	0	0	0
1996	1,080,000	2,440,457	3,520,457	0	0	3,520,457
1997	1,145,000	2,209,530	3,354,530	0	0	3,354,530
1998	1,200,000	2,156,860	3,356,860	0	0	3,356,860
1999	1,255,000	2,098,660	3,353,660	0	0	3,353,660
2000	1,320,000	2,035,282	3,355,282	0	0	3,355,282
2001	1,390,000	1,965,982	3,355,982	0	0	3,355,982
2002	1,465,000	1,891,617	3,356,617	0	0	3,356,617
2003	1,545,000	1,811,775	3,356,775	0	0	3,356,775
2004	1,630,000	1,726,027	3,356,027	0	0	3,356,027
2005	1,720,000	1,633,932	3,353,932	0	0	3,353,932
2006	1,820,000	1,535,032	3,355,032	0	0	3,355,032
2007	1,925,000	1,428,562	3,353,562	0	0	3,353,562
2008	2,040,000	1,313,062	3,353,062	0	0	3,353,062
2009	2,165,000	1,190,662	3,355,662	0	0	3,355,662
2010	2,300,000	1,056,432	3,356,432	0	0	3,356,432
2011	2,445,000	911,532	3,356,532	0	0	3,356,532
2012	2,600,000	756,275	3,356,275	0	0	3,356,275
2013	2,775,000	577,525	3,352,525	0	0	3,352,525
2014	2,960,000	397,150	3,357,150	0	0	3,357,150
2015	3,150,000	204,750	3,354,750	0	0	3,354,750
Total	37,930,000	29,341,104	67,271,104	0	0	67,271,104

Table 14
TACOMA PROJECTED NET DEBT SERVICE STREAM
BPA FY 1995-2015

Payment Date (Fiscal Year)	Principal	Interest	Total Gross Debt Service	Investment Income	Reserve Account Freeups	Total Net Debt Service
1994	0	0	0	0	0	0
1995	0	601,808	601,808	0	0	601,808
1996	450,000	1,220,742	1,670,742	0	0	1,670,742
1997	626,250	1,336,451	1,962,701	0	0	1,962,701
1998	657,500	1,303,243	1,960,743	0	0	1,960,743
1999	695,000	1,267,179	1,962,179	0	0	1,962,179
2000	735,000	1,227,782	1,962,782	0	0	1,962,782
2001	775,000	1,185,295	1,960,295	0	0	1,960,295
2002	822,500	1,139,547	1,962,047	0	0	1,962,047
2003	872,500	1,090,159	1,962,659	0	0	1,962,659
2004	926,250	1,036,847	1,963,097	0	0	1,963,097
2005	981,250	979,359	1,960,609	0	0	1,960,609
2006	1,043,750	917,317	1,961,067	0	0	1,961,067
2007	1,112,500	850,174	1,962,674	0	0	1,962,674
2008	1,182,500	777,564	1,960,064	0	0	1,960,064
2009	1,260,000	699,065	1,959,065	0	0	1,959,065
2010	1,347,500	614,471	1,961,971	0	0	1,961,971
2011	1,437,500	523,959	1,961,459	0	0	1,961,459
2012	1,531,250	427,475	1,958,725	0	0	1,958,725
2013	1,637,500	323,866	1,961,366	0	0	1,961,366
2014	1,747,500	212,355	1,959,855	0	0	1,959,855
2015	1,868,750	93,019	1,961,769	0	0	1,961,769
Total	21,710,000	17,827,675	39,537,675	0	0	39,537,675