

**2007 Supplemental Wholesale Power Rate Case
Final Proposal**

**FY 2002-2008 LOOKBACK
STUDY DOCUMENTATION**

Volume 3

September 2008

WP-07-FS-BPA-08C

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FY 2002-2008 LOOKBACK STUDY DOCUMENTATION

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Section 8. Introduction – No Documentation

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Section 9. Wholesale Power Rate Development Study

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**Section 9.1: Revised 2004 Base Year ASC Determination Average System Cost Cookbook
and Forecast Models**

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**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		Avista					Total Production & Transmission
		2004					
Account Description	(1)	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	
Intangible Plant:							
Intangible Plant - Organization		PTD	-	-	-	-	-
Intangible Plant - Franchises and Consents		PTD	15,259,132	6,717,439	2,626,575	5,915,118	9,344,014
Intangible Plant - Miscellaneous		PTD	11,778,529	5,185,193	2,027,454	4,565,881	7,212,648
Total Intangible Plant			27,037,661	11,902,632	4,654,029	10,480,999	16,556,662
Production Plant:							
Steam Production		DIR-P	371,440,441	371,440,441	-	-	371,440,441
Nuclear Production		DIR-P	-	-	-	-	-
Hydraulic Production		DIR-P	328,440,833	328,440,833	-	-	328,440,833
Other Production		DIR-P	163,658,692	163,658,692	-	-	163,658,692
Total Production Plant			863,539,966	863,539,966	-	-	863,539,966
Transmission Plant:							
Transmission Plant		DIR-T	337,651,373	-	337,651,373	-	337,651,373
Total Transmission Plant			337,651,373	-	337,651,373	-	337,651,373
Distribution Plant:							
Distribution Plant		DIR-D	760,400,014	-	-	760,400,014	-
Total Distribution Plant			760,400,014	-	-	760,400,014	-
General Plant:							
Land and Land Rights		PTD	124,681	54,888	21,462	48,332	76,349
Structures and Improvements		PTD	1,973,263	868,678	339,660	764,924	1,208,339
Furniture and Equipment		LABOR	144,364	58,086	16,695	69,583	74,781
Transportation Equipment		TD	7,106,569	-	2,185,274	4,921,295	2,185,274
Stores Equipment		PTD	100,196	44,109	17,247	38,840	61,356

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Avista
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Tools and Garage Equipment	PTD	2,768,829	1,218,906	476,602	1,073,321	1,695,508
Laboratory Equipment	PTD	2,946,295	1,297,030	507,150	1,142,115	1,804,180
Power Operated Equipment	TD	17,356,998	-	5,337,286	12,019,712	5,337,286
Communication Equipment	PTD	21,243,080	9,351,718	3,656,600	8,234,762	13,008,318
Miscellaneous Equipment	PTD	1,730	762	298	671	1,059
Total General Plant		53,766,005	12,894,175	12,558,274	28,313,556	25,452,449
Total Electric Plant In-Service		2,042,395,019	888,336,774	354,863,676	799,194,569	1,243,200,450
<i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>						
LESS:						
Depreciation Reserve						
Steam (Production) Plant	DIR-P	202,093,155	202,093,155	-	-	202,093,155
Nuclear (Production) Plant	DIR-P	-	-	-	-	-
Hydraulic (Production) Plant - Conventional	DIR-P	69,726,715	69,726,715	-	-	69,726,715
Hydraulic (Production) Plant - Pumped Storage	DIR-P	-	-	-	-	-
Other (Production) Plant	DIR-P	21,901,274	21,901,274	-	-	21,901,274
Transmission Plant	DIR-T	120,927,355	-	120,927,355	-	120,927,355
Distribution Plant	DIR-D	234,722,215	-	-	234,722,215	-
General Plant	PTD	32,117,563	14,138,928	5,528,440	12,450,195	19,667,368
Intangible Plant						-
Accum Prov for Depr, Amort, & Depl (In-Service Deprc: Cmmn Plt)	DIR-D	23,509,449	-	-	23,509,449	-
Accum Prov for Depr, Amort, & Depl (Amort of Other Util Plt: Electric)	DIR-D	10,665,607	-	-	10,665,607	-
Amort of Plant Acquisition Adjustments (Electric)	LABOR	-	-	-	-	-
Amortization Reserve						
Total Depreciation and Amortization		715,663,333	307,860,072	126,455,795	281,347,466	434,315,867
Total Net Plant		1,326,731,686	580,476,702	228,407,881	517,847,103	808,884,583

Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

Avista
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Account Description	(1)	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
<i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>							
Assets and Other Debits (Comparative Balance Sheet)							
Cash Working Capital		Input TBF Only	32,935,455	21,015,159	2,731,239	9,189,058	23,746,398
UTILITY PLANT							
(Utility Plant) Held For Future Use		PTD	-	-	-	-	-
(Utility Plant) Completed Construction - Not Classified		PTD	-	-	-	-	-
(Utility Plant) In Service (Classified) COMMON		DIR-D	90,777,674	-	-	90,777,674	-
Nuclear Fuel		0	N/A				-
Construction Work in Progress (CWIP) - ELECTRIC		DIR-D	38,456,293	-	-	38,456,293	-
Acquisition Adjustments (Electric)		LABOR	-	-	-	-	-
Total			129,233,967	-	-	129,233,967	-
OTHER PROPERTY AND INVESTMENTS							
Other Investment		DIR-D	37,182,363	-	-	37,182,363	-
Long-Term Portion of Derivative Assets (175)		DIR-D	-	-	-	-	-
Long-Term Portion of Derivative Assets – Hedges (176)		DIR-D	55,824,772	-	-	55,824,772	-
Total			93,007,135	-	-	93,007,135	-
CURRENT AND ACCRUED ASSETS							
Fuel Stock		DIR-P	4,049,604	4,049,604	-	-	4,049,604
Fuel Stock Expenses Undistributed (152)		DIR-P	-	-	-	-	-
Plant Materials and Operating Supplies		PTD	9,867,767	4,344,030	1,698,552	3,825,185	6,042,582
Other Materials and Supplies		PTD	-	-	-	-	-
Stores Expense Undistributed		PTD	(62,610)	(27,562)	(10,777)	(24,270)	(38,340)
Prepayments (165)		DIR-D	3,899,276	-	-	3,899,276	-
Derivative Instrument Assets (175)		DIR-D	-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Assets (175)		DIR-D	-	-	-	-	-
Derivative Instrument Assets - Hedges (176)		DIR-D	66,023,684	-	-	66,023,684	-
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges (176)		DIR-D	(55,824,772)	-	-	(55,824,772)	-
Total			27,952,949	8,366,071	1,687,775	17,899,103	10,053,846
DEFERRED DEBITS							
Unamortized Debt Expenses (181)		PTDG	16,858,709	7,332,671	2,929,180	6,596,857	10,261,852

Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

		Avista					
CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS							2004
Account Description	(1)	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Extraordinary Property Losses (182.1)		PTD	-	-	-	-	-
Unrecovered Plant and Regulatory Study Costs (182.2)		DIR-P	-	-	-	-	-
Other Regulatory Assets (182.3)		DIRECT	231,982,032	104,777,698	730,159	126,474,174	105,507,858
Prelim. Survey and Investigation Charges (Electric) (183)		DIR-D	12,084,058	-	-	12,084,058	-
Preliminary Natural Gas Survey and Investigation Charges 183.1)		DIR-D	-	-	-	-	-
Other Preliminary Survey and Investigation Charges (183.2)		DIR-D	-	-	-	-	-
Clearing Accounts (184)		LABOR	728,989	293,314	84,306	351,369	377,620
Temporary Facilities (185)		PTDG	-	-	-	-	-
Miscellaneous Deferred Debits (186)		DIRECT	51,242,169	40,646,369	1,138,208	9,457,592	41,784,577
Deferred Losses from Disposition of Utility Plt. (187)		PTD	-	-	-	-	-
Research, Development, and Demonstration Expenditures (188)		DIR-D	-	-	-	-	-
Unamortized Loss on Reacquired Debt (189)		PTD	36,554,021	16,091,964	6,292,093	14,169,964	22,384,057
Accumulated Deferred Income Taxes (190)		DIR-D	50,892,673	-	-	50,892,673	-
Unrecovered Purchased Gas Costs (191)		DIR-D	28,639,755	-	-	28,639,755	-
Total			428,982,406	169,142,017	11,173,947	248,666,442	180,315,964
			712,111,912	198,523,248	15,592,960	497,995,704	214,116,208
LESS:							
Liabilities and Other Credits (Comparative Balance Sheet)							
OTHER NONCURRENT LIABILITIES							
Long-Term Portion of Derivative Instrument Liabilities		Dir-D	-	-	-	-	-
Long-Term Portion of Derivative Instrument Liabilities - Hedges		Dir-D	39,971,987	-	-	39,971,987	-
Total			39,971,987	-	-	39,971,987	-
CURRENT AND ACCRUED LIABILITIES							
Derivative Instrument Liabilities (244)		Dir-D	-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Liabilities		Dir-D	-	-	-	-	-
Derivative Instrument Liabilities - Hedges (245)		Dir-D	45,684,937	-	-	45,684,937	-
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges		Dir-D	(39,971,987)	-	-	(39,971,987)	-
Total			5,712,950	-	-	5,712,950	-
DEFERRED CREDITS							

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Avista
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Customer Advances for Construction (252)	DIR-D	937,286	-	-	937,286	-
Accumulated Deferred Investment Tax Credits (255)	DIR-D	570,960	-	-	570,960	-
Deferred Gains from Disposition of Utility Plant (256)	PTD	-	-	-	-	-
Other Deferred Credits (253)	Dir-D	33,121,416	13,335,694	3,506,346	16,279,376	16,842,040
Other Regulatory Liabilities (254)	PTD	34,700,436	15,275,971	5,973,033	13,451,432	21,249,004
Unamortized Gain on Reacquired Debt (257)	PTD	4,225,371	1,860,111	727,319	1,637,942	2,587,429
Accum. Deferred Income Taxes-Accel. Amort.(281)	DIR-D	-	-	-	-	-
Accum. Deferred Income Taxes-Property (282)	DIR-D	293,535,925	-	-	293,535,925	-
Accum. Deferred Income Taxes-Other (283)	DIR-D	234,380,299	-	-	234,380,299	-
Total		601,471,693	30,471,776	10,206,698	560,793,219	40,678,474
Total Liabilities and Other Credits		647,156,630	30,471,776	10,206,698	606,478,156	40,678,474
Total Rate Base		1,391,686,968	748,528,174	233,794,144	409,364,651	982,322,318

(Total Net Plant + Debits - Credits)

Schedule 2: Long Term Debt

Long Term Debt

Interest for Year

1,133,530,068
79,197,611
6.99%

Rate of Return

(Interest for Year / Long Term Debt)

Schedule 3: Expenses

Power Production Expenses:

Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

Avista
2004

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS

Account Description	(1)	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Steam Power Generation							
Steam - Fuel		DIR-P	19,452,596	19,452,596	-	-	19,452,596
Steam - Operation (less fuel)		DIR-P	4,752,171	4,752,171	-	-	4,752,171
Steam - Maintenance		DIR-P	6,460,219	6,460,219	-	-	6,460,219
Nuclear Power Generation							
Nuclear - Fuel		DIR-P	-	-	-	-	-
Nuclear - Operation (less fuel)		DIR-P	-	-	-	-	-
Nuclear - Maintenance		DIR-P	-	-	-	-	-
Hydraulic Power Generation							
Hydraulic - Operation		DIR-P	9,697,216	9,697,216	-	-	9,697,216
Hydraulic - Maintenance		DIR-P	4,333,449	4,333,449	-	-	4,333,449
Other Power Generation							
Other Power - Fuel		DIR-P	20,226,327	20,226,327	-	-	20,226,327
Other Power - Operations (less fuel)		DIR-P	6,200,749	6,200,749	-	-	6,200,749
Other Power - Maintenance		DIR-P	2,507,926	2,507,926	-	-	2,507,926
Other Power Supply Expenses							
Purchased Power		DIR-P	172,891,720	172,891,720	-	-	172,891,720
System Control and Load Dispatching		DIR-P	1,174,128	1,174,128	-	-	1,174,128
Other Expenses		DIR-P	116,339,551	116,339,551	-	-	116,339,551
BPA REP Reversal		DIR-P	-	-	-	-	-
Oregon Public Purpose Charge		DIR-C	-	-	-	-	-
Total Production Expense			364,036,052	364,036,052	-	-	364,036,052
Transmission Expenses:							
Transmission of Electricity to Others (Wheeling)		DIR-T	9,455,394	-	9,455,394	-	9,455,394
Total Operations less Wheeling		DIR-T	3,976,605	-	3,976,605	-	3,976,605
Total Maintenance		DIR-T	2,683,329	-	2,683,329	-	2,683,329
Total Transmission Expense			16,115,328	-	16,115,328	-	16,115,328
Distribution Expense:							
Total Operations		DIR-D	10,114,406	-	-	10,114,406	-

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

		Avista					
CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		2004					
Account Description	(1)	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Total Maintenance		DIR-D	8,993,627	-	-	8,993,627	-
Total Distribution Expense			19,108,033	-	-	19,108,033	-
Customer and Sales Expenses:							
Total Customer Accounts		DIR-D	12,875,717	-	-	12,875,717	-
Total Customer Service and Information		DIR-D	11,602,540	-	-	11,602,540	-
Total Sales		DIR-D	1,151,070	-	-	1,151,070	-
Total Customer and Sales Expenses			25,629,327	-	-	25,629,327	-
Administration and General Expense:							
Operation							
Administration and General Salaries		PTD	16,049,712	7,065,471	2,762,659	6,221,582	9,828,130
Office Supplies & Expenses		LABOR	5,827,150	2,344,598	673,897	2,808,656	3,018,494
(Less) Administration Expenses Transferred - Credit		LABOR	(22,032)	(8,865)	(2,548)	(10,619)	(11,413)
Outside Services Employed		LABOR	8,226,786	3,310,109	951,409	3,965,267	4,261,519
Property Insurance		PTDG	1,167,710	507,894	202,888	456,928	710,782
Injuries and Damages		LABOR	3,711,299	1,493,269	429,203	1,788,827	1,922,472
Employee Pensions & Benefits		LABOR	1,005,484	404,564	116,282	484,638	520,846
Franchise Requirements		DIR-D	5,900	-	-	5,900	-
Regulatory Commission Expenses		DIR-D	4,041,923	-	-	4,041,923	-
(Less) Duplicate Charges - Credit		LABOR	-	-	-	-	-
General Advertising Expenses		DIR-D	65,289	-	-	65,289	-
Miscellaneous General Expenses		DIR-D	3,085,801	-	-	3,085,801	-
Rents		DIR-D	4,503,122	-	-	4,503,122	-
Maintenance							
Maintenance of General Plant		GPM	3,497,401	1,538,822	600,792	1,357,787	2,139,614
Total Administration and General Expenses			51,165,545	16,655,863	5,734,582	28,775,100	22,390,445
Total Operations and Maintenance			476,054,285	380,691,915	21,849,910	73,512,460	402,541,825

(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration and General Expenses)

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Avista
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Account Description	(1)	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Depreciation and Amortization:							
Intangible Plant		PTD	2,601,454	1,145,223	447,792	1,008,439	1,593,015
Steam Production Plant		DIR-P	11,437,770	11,437,770	-	-	11,437,770
Nuclear Production Plant		DIR-P	-	-	-	-	-
Hydraulic Production Plant - Conventional		DIR-P	5,516,388	5,516,388	-	-	5,516,388
Hydraulic Production Plant - Pumped Storage		DIR-P	-	-	-	-	-
Other Production Plant		DIR-P	8,916,715	8,916,715	-	-	8,916,715
Transmission Plant		DIR-T	7,962,419	-	7,962,419	-	7,962,419
Distribution Plant		DIR-D	16,171,827	-	-	16,171,827	-
General Plant		GP	2,609,764	625,874	609,570	1,374,320	1,235,444
Common Plant - Electric		DIR-D	2,212,305	-	-	2,212,305	-
Total Depreciation and Amortization			57,428,642	27,641,970	9,019,781	20,766,891	36,661,751

Schedule 3A Items: Taxes

Taxes Accrued, Prepaid, and Charged During Year

FEDERAL							
Total Federal		DIRECT	13,919,572	3,143,646	903,563	9,872,363	4,047,209
STATE							
Washington			26,703,545	3,918,455	1,565,304	21,219,786	5,483,759
Idaho			8,168,182	2,352,481	939,745	4,875,955	3,292,227
Montana			7,812,055	2,826,040	1,128,917	3,857,098	3,954,957
Oregon			3,717,363	555,448	221,885	2,940,030	777,333
California			509,930	48,742	19,471	441,717	68,213
Arizona			(650)	-	-	(650)	-
Total State		DIRECT	46,910,425	9,701,166	3,875,323	33,333,936	13,576,489
County & Municipal							
Total County and Municipal		DIRECT	16,051,765	6,458,245	1,856,263	7,737,257	8,314,508

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

		Avista					
CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS							2004
Account Description	(1)	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Total Taxes			76,881,762	19,303,057	6,635,149	50,943,556	25,938,206
<i>(Total Federal, State and County/Municipal Taxes)</i>							
<u>Schedule 3B Items: Other Included Items</u>							
Other Included Items:							
(Less) Gain from Disp. of Plant		PTDG	-	-	-	-	-
Loss from Disposition of Plant		PTDG	-	-	-	-	-
Total Disposition of Plant			-	-	-	-	-
Sale from Resale:							
Sales for Resale		DIR-P	71,994,600	71,994,600	-	-	71,994,600
Total Sales from Resale			71,994,600	71,994,600	-	-	71,994,600
Other Revenues:							
(450) Forfeited Discounts		Dir-P	-	-	-	-	-
(451) Miscellaneous Service Revenues		Dir-P	483,332	483,332	-	-	483,332
(453) Sales of Water and Water Power		DIR-P	360,216	360,216	-	-	360,216
(454) Rent from Electric Property		DIR-P	2,344,525	2,344,525	-	-	2,344,525
(455) Interdepartmental Rents		DIR-P	-	-	-	-	-
(456) Other Electric Revenues		Dir-T	65,312,159	-	65,312,159	-	65,312,159
(456.1) Revenues from Transmission of Electricity of Others		Dir-T	13,889,067	-	13,889,067	-	13,889,067
(457.1) Regional Control Service Revenues		DIR-T	-	-	-	-	-
(457.2) Miscellaneous Revenues		DIR-T	-	-	-	-	-
Total Other Revenues			82,389,299	3,188,073	79,201,226	-	82,389,299

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

		Avista					
CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		2004					
Account Description	(1)	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>							
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>			154,383,899	75,182,673	79,201,226	-	154,383,899
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>			455,980,790	352,454,270	(41,696,387)	145,222,908	310,757,882
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>			97,234,547	52,298,254	16,334,757	28,601,537	68,633,010
			553,215,337	404,752,523	(25,361,631)	173,824,445	379,390,893

Schedule 4: Average System Cost

	Revised Forecast 2004 Base Year
Total Production and Transmission Costs	8,376,616
Total Retail Load (MWH)	418,831
Distribution Losses	8,795,447
Total Retail Load plus Distribution Losses	43
Average System Cost before NLSL Adjustment	\$ 43.13
NLSL Loads MWh	17,835
Cost of Serving NLSL	\$ 816,232.05
ASC after NLSL Adjustments	\$ 43.13
Contract System Cost	\$ 378,621,663
Contract System Load	8,777,612
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.	
Average System Cost	\$ 43.13

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
<u>Schedule 1: Plant Investment / Rate Base / Rate of Return</u>				
Intangible Plant:				
Intangible Plant - Organization	-	-	-	
Intangible Plant - Franchises and Consents	9,344,014	9,343,995	(19)	
Intangible Plant - Miscellaneous	7,212,648	7,212,633	(14)	
Total Intangible Plant	16,556,662	16,556,629	(33)	
Production Plant:				
Steam Production	371,440,441	371,434,282	(6,159)	
Nuclear Production	-	-	-	
Hydraulic Production	328,440,833	328,440,833	-	
Other Production	163,658,692	163,658,692	-	
Total Production Plant	863,539,966	863,533,807	(6,159)	
Transmission Plant:				
Transmission Plant	337,651,373	337,651,373	-	
Total Transmission Plant	337,651,373	337,651,373	-	
Distribution Plant:				
Distribution Plant	-	-	-	
Total Distribution Plant	-	-	-	
General Plant:				
Land and Land Rights	76,349	76,349	(0)	
Structures and Improvements	1,208,339	1,208,336	(2)	
Furniture and Equipment	74,781	88,402	13,621	Functionalization Error in 07 Rate Case
Transportation Equipment	2,185,274	2,185,274	-	

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004	2004		
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
Stores Equipment	61,356	61,355	(0)	
Tools and Garage Equipment	1,695,508	1,696,117	609	
Laboratory Equipment	1,804,180	1,804,176	(4)	
Power Operated Equipment	5,337,286	5,337,286	-	
Communication Equipment	13,008,318	13,008,292	(26)	
Miscellaneous Equipment	1,059	-	(1,059)	Functionalization Error in 07 Rate Case
Total General Plant	25,452,449	25,465,587	13,138	
Total Electric Plant In-Service	1,243,200,450	1,243,207,396	6,946	
<i>(Total Intangibe + Total Production + Total Transmission + Total Distribution + Total General)</i>				
LESS:				
Depreciation Reserve				
Steam (Production) Plant	202,093,155	202,093,155	-	
Nuclear (Production) Plant	-	-	-	
Hydraulic (Production) Plant - Conventional	69,726,715	69,726,715	-	
Hydraulic (Production) Plant - Pumped Storage	-	-	-	
Other (Production) Plant	21,901,274	21,901,274	-	
Transmission Plant	120,927,355	120,927,355	-	
Distribution Plant	-	-	-	
General Plant	19,667,368	15,240,212	(4,427,156)	Functionalization Error in 07 Rate Case
Intangible Plant	-	774,452	774,452	Data Error in 07 Ratecase
Accum Prov for Depr, Amort, & Depl (In-Service Deprc: Cmmn Plt)	-	-	-	Account was not included in 07 Rate Case
Accum Prov for Depr, Amort, & Depl (Amort of Other Util Plt: Electric	-	-	-	Account was not included in 07 Rate Case
Amort of Plant Acquisition Adjustments (Electric)	-	-	-	
Amrotization Reserve	-			

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
Total Depreciation and Amortization	434,315,867	430,663,163	(3,652,704)	
Total Net Plant <i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>	808,884,583	812,544,233	3,659,650	
Assets and Other Debits (Comparative Balance Sheet)				
Cash Working Capital	23,746,398	23,951,860	205,462	Value changes with changes in production costs
UTILITY PLANT		-		
(Utility Plant) Held For Future Use	-	-	-	Account was not included in 07 Rate Case
(Utility Plant) Completed Construction - Not Classified	-	-	-	
(Utility Plant) In Service (Classified) COMMON	-	-	-	
Nuclear Fuel	-	-	-	
Construction Work in Progress (CWIP) - ELECTRIC	-	-	-	
Acquisition Adjustments (Electric)	-	-	-	
Total	-	-	-	
OTHER PROPERTY AND INVESTMENTS				
Other Investment	-	-	-	07 Rate Case Other Invest included accounts in error.
Long-Term Portion of Derivative Assets (175)	-	-	-	07 Rate Case net Of Deriv Assets - LT Portion of Dirv
Long-Term Portion of Derivative Assets – Hedges (176)	-	-	-	Data Error in 07 Ratecase
Total	-	-	-	
CURRENT AND ACCRUED ASSETS				
Fuel Stock	4,049,604	4,049,604	-	
Fuel Stock Expenses Undistributed (152)	-	-	-	
Plant Materials and Operating Supplies	6,042,582	2,311,190	(3,731,392)	
Other Materials and Supplies	-	1,105,213	1,105,213	
Stores Expense Undistributed	(38,340)	-	38,340	
Prepayments (165)	-	-	-	

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
Derivative Instrument Assets (175)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Assets (175)	-	-	-	
Derivative Instrument Assets - Hedges (176)	-	-	-	Shown as the net of Derivative Assets - LT Portion
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges	-	-	-	Shown as the net of Derivative Assets - LT Portion
Total	10,053,846	7,466,007	(2,587,839)	
DEFERRED DEBITS				
Unamortized Debt Expenses (181)	10,261,852	17,698,054	7,436,202	07 Rate case Data Error
Extraordinary Property Losses (182.1)	-	-	-	
Unrecovered Plant and Regulatory Study Costs (182.2)	-	-	-	
Other Regulatory Assets (182.3)	105,507,858	104,436,138	(1,071,720)	Functionalization Error in 07 Rate Case
Prelim. Survey and Investigation Charges (Electric) (183)	-	-	-	
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-	
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-	
Clearing Accounts (184)	377,620	443,737	66,117	Functionalization Error in 07 Rate Case
Temporary Facilities (185)	-	-	-	Data Error and Incorrect Functionalization
Miscellaneous Deferred Debits (186)	41,784,577	43,246,529	1,461,951	Functionalization Error in 07 Rate Case
Deferred Losses from Disposition of Utility Plt. (187)	-	-	-	
Research, Development, and Demonstration Expenditures (188)	-	-	-	
Unamortized Loss on Required Debt (189)	22,384,057	22,250,516	(133,541)	Functionalization Error in 07 Rate Case
Accumulated Deferred Income Taxes (190)	-	-	-	
Unrecovered Purchased Gas Costs (191)	-	-	-	
Total	180,315,964	188,074,974	7,759,010	
Total Assets and Other Debits	214,116,208	219,492,842	5,376,633	
LESS:				
Liabilities and Other Credits (Comparative Balance Sheet)				
OTHER NONCURRENT LIABILITIES		-	-	

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	
Long-Term Portion of Derivative Instrument Liabilities - Hedges	-	-	-	Account was not included in 07 Rate Case
Total	-	-	-	
CURRENT AND ACCRUED LIABILITIES				
Derivative Instrument Liabilities (244)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Liabilities	-	-	-	
Derivative Instrument Liabilities - Hedges (245)	-	-	-	Account was not included in 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedge	-	-	-	Account was not included in 07 Rate Case
Total	-	-	-	
DEFERRED CREDITS				
Customer Advances for Construction (252)	-	-	-	
Accumulated Deferred Investment Tax Credits (255)	-	-	-	
Deferred Gains from Disposition of Utility Plant (256)	-	-	-	
Other Deferred Credits (253)	16,842,040	19,288,286	2,446,247	Retire and Def Comp functionalized using PTDG not Labor
Other Regulatory Liabilities (254)	21,249,004	33,053,298	11,804,293	Data Error and incorrect Functionalization
Unamortized Gain on Reaquired Debt (257)	2,587,429	1,052,127	(1,535,303)	Data Error and incorrect Functionalization
Accum. Deferred Income Taxes-Accel. Amort.(281)	-	-	-	Account is combined in 07 Rate Case
Accum. Deferred Income Taxes-Property (282)	-	-	-	
Accum. Deferred Income Taxes-Other (283)	-	-	-	
Total	40,678,474	53,393,711	12,715,237	
Total Liabilities and Other Credits	40,678,474	53,393,711	12,715,237	
Total Rate Base	982,322,318	978,643,364	(3,678,954)	
<i>(Total Net Plant + Debits - Credits)</i>				
Schedule 2: Long Term Debt				
Long Term Debt	1,133,530,068			

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
Interest for Year	79,197,611			
Rate of Return	6.99%			
<u>Schedule 3: Expenses</u>				
Power Production Expenses:				
 Steam Power Generation				
Steam - Fuel	19,452,596	19,452,596	-	
Steam - Operation (less fuel)	4,752,171	4,752,171	-	
Steam - Maintenance	6,460,219	6,460,219	-	
 Nuclear Power Generation				
Nuclear - Fuel	-	-	-	
Nuclear - Operation (less fuel)	-	-	-	
Nuclear - Maintenance	-	-	-	
 Hydraulic Power Generation				
Hydraulic - Operation	9,697,216	9,697,217	1	
Hydraulic - Maintenance	4,333,449	4,333,449	-	
 Other Power Generation				
Other Power - Fuel	20,226,327	20,226,327	-	
Other Power - Operations (less fuel)	6,200,749	6,200,749	-	
Other Power - Maintenance	2,507,926	2,507,926	-	
 Other Power Supply Expenses				
Purchased Power	172,891,720	172,891,720	-	
System Control and Load Dispatching	1,174,128	1,174,128	-	
Other Expenses	116,339,551	116,339,551	-	
BPA REP Reversal	-	-	-	

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
Oregon Public Purpose Charge	-	-	-	
Total Production Expense	364,036,052	364,036,053	1	
Transmission Expenses:				
Transmission of Electricity to Others (Wheeling)	9,455,394	9,455,394	-	
Total Operations less Wheeling	3,976,605	3,976,605	-	
Total Maintenance	2,683,329	2,683,329	-	
Total Transmission Expense	16,115,328	16,115,328	-	
Distribution Expense:				
Total Operations	-	-	-	
Total Maintenance	-	-	-	
Total Distribution Expense	-	-	-	
Customer and Sales Expenses:				
Total Customer Accounts	-	-	-	
Total Customer Service and Information	-	-	-	
Total Sales	-	-	-	
Total Customer and Sales Expenses	-	-	-	
Administration and General Expense:				
Operation				
Administration and General Salaries	9,828,130	9,769,497	(58,634)	Functionalization Error in 07 Rate Case
Office Supplies & Expenses	3,018,494	3,547,000	528,505	Functionalization Error in 07 Rate Case
(Less) Administration Expenses Transferred - Credit	(11,413)	(13,411)	(1,998)	Functionalization Error in 07 Rate Case
Outside Services Employed	4,261,519	5,007,664	746,145	Functionalization Error in 07 Rate Case
Property Insurance	710,782	710,788	6	
Injuries and Damages	1,922,472	2,259,076	336,604	Functionalization Error in 07 Rate Case

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
Employee Pensions & Benefits	520,846	612,040	91,194	Functionalization Error in 07 Rate Case
Franchise Requirements	-	-	-	
Regulatory Commission Expenses	-	-	-	
(Less) Duplicate Charges - Credit	-	-	-	Functionalization Error in 07 Rate Case
General Advertising Expenses	-	-	-	
Miscellaneous General Expenses	-	-	-	
Rents	-	-	-	
Maintenance				
Maintenance of General Plant	2,139,614	2,141,490	1,876	
Total Administration and General Expenses	22,390,445	24,034,143	1,643,698	
Total Operations and Maintenance	402,541,825	404,185,524	1,643,699	
<i>(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration and General Expenses)</i>				
Error in assumption. Reg Asset Depr. Is not noted in FF!				
Depreciation and Amortization:				
Intangible Plant	1,593,015	1,593,012	(3)	
Steam Production Plant	11,437,770	11,437,770	-	
Nuclear Production Plant	-	-	-	
Hydraulic Production Plant - Conventional	5,516,388	5,516,388	-	
Hydraulic Production Plant - Pumped Storage	-	-	-	
Other Production Plant	8,916,715	8,916,715	-	
Transmission Plant	7,962,419	7,962,419	-	
Distribution Plant	-	-	-	
General Plant	1,235,444	1,236,059	615	
Common Plant - Electric	-	1,354,715	1,354,715	Functionalization Error in Rate Case
Total Depreciation and Amortization	36,661,751	43,810,976	7,149,225	

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
<u>Schedule 3A Items: Taxes</u>				
Taxes Accrued, Prepaid, and Charged During Year				
FEDERAL				
Total Federal	4,047,209	4,784,365	737,155	Functionalization Error in Rate Case
STATE				
Washington	5,483,759	5,515,919	32,160	Functionalization Errors. Revenue (Transportation Tax)
Idaho	3,292,227	3,312,006	19,779	Property Taxes functionaled on PTD ration, not PTDG
Montana	3,954,957	3,978,718	23,761	Property Taxes functionaled on PTD ration, not PTDG
Oregon	777,333	850,626	73,293	Data Error in 07 Rate Case
California	68,213	-	(68,213)	Data not included in 07 Rate Case
Arizona	-	-	-	
Total State	13,576,489	13,657,269	80,780	
County & Municipal				
Total County and Municipal	8,314,508	-	(8,314,508)	Data not included in 07 Rate Case
Total Taxes	25,938,206	18,441,633	(7,496,573)	
<i>(Total Federal, State and County/Municipal Taxes)</i>				
<u>Schedule 3B Items: Other Included Items</u>				
Other Included Items:				
(Less) Gain from Disp. of Plant	-	-	-	
Loss from Disposition of Plant	-	-	-	
Total Disposition of Plant	-	-	-	
Sale from Resale:				
Sales for Resale	71,994,600	71,994,600	-	

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
Total Sales from Resale	71,994,600	71,994,600	-	
Other Revenues:				
(450) Forfeited Discounts	-	-	-	Functionalization Error in Rate Case
(451) Miscellaneous Service Revenues	483,332	-	(483,332)	Functionalization Error in Rate Case
(453) Sales of Water and Water Power	360,216	360,216	-	

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
(454) Rent from Electric Property	2,344,525	-	(2,344,525)	Functionalization Error in Rate Case
(455) Interdepartmental Rents		-	-	
(456) Other Electric Revenues	65,312,159	79,201,226	13,889,067	07 Rate Case consolidated Other Rev with Wheeling Rev.
(456.1) Revenues from Transmission of Electricity of Others	13,889,067	-	(13,889,067)	Wheeling Rev included in Other Rev for 07 Rate Case.
(457.1) Regional Control Service Revenues	-	-	-	
(457.2) Miscellaneous Revenues	-	-	-	
Total Other Revenues	82,389,299	79,561,442	(2,827,857)	
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>	154,383,899	151,556,042	(2,827,857)	
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>	310,757,882	314,882,091	4,124,209	
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>	68,633,010	63,423,005	(5,210,006)	
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>	379,390,893	378,305,096	(1,085,797)	
Schedule 4: Average System Cost	Revised Forecast 2004 Base Year	2007 Final Proposal 2004 Base Year	Differential	
Total Production and Transmission Costs	379,390,893	378,305,096		
Total Retail Load (MWH)	8,376,616	8,376,616		
Distribution Losses	418,831	418,831		

**Table 9.1.5.1
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	Avista		Differential Exchange Cost	Notes
	2004			
	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission		
Total Retail Load plus Distribution Losses	8,795,447	8,795,447		
Average System Cost before NLSL Adjustment	\$ 43.13	\$ 43.01	\$ (0.12)	
NLSL Loads MWh	17,835			
Cost of Serving NLSL	\$ 816,232.05			
ASC after NLSL Adjustments	\$ 43.13			
Contract System Cost	\$ 378,621,663			
Contract System Load	8,777,612			
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.				
Average System Cost	\$ 43.13			

**Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Idaho Power
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
<u>Schedule 1: Plant Investment / Rate Base / Rate of Return</u>						
Intangible Plant:						
Intangible Plant - Organization		5,703	2,786	1,053	1,864	3,839
Intangible Plant - Franchises and Consents		10,169,022	4,967,186	1,877,300	3,324,536	6,844,486
Intangible Plant - Miscellaneous		66,579,839	32,521,754	12,291,285	21,766,799	44,813,040
Total Intangible Plant		76,754,564	37,491,726	14,169,638	25,093,200	51,661,364
Production Plant:						
Steam Production		800,962,763	800,962,763	-	-	800,962,763
Nuclear Production		-	-	-	-	-
Hydraulic Production		629,100,975	629,100,975	-	-	629,100,975
Other Production		52,453,360	52,453,360	-	-	52,453,360
Total Production Plant		1,482,517,098	1,482,517,098	-	-	1,482,517,098
Transmission Plant:						
Transmission Plant		560,303,124	-	560,303,124	-	560,303,124
Total Transmission Plant		560,303,124	-	560,303,124	-	560,303,124
Distribution Plant:						
Distribution Plant		992,248,198	-	-	992,248,198	-
Total Distribution Plant		992,248,198	-	-	992,248,198	-
General Plant:						
Land and Land Rights		8,562,258	4,182,342	1,580,676	2,799,240	5,763,018
Structures and Improvements		60,206,722	29,408,726	11,114,746	19,683,250	40,523,472
Furniture and Equipment		52,007,354	18,043,186	8,110,780	25,853,388	26,153,966
Transportation Equipment		43,831,168	-	15,818,311	28,012,857	15,818,311

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

Idaho Power
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Stores Equipment		1,006,913	491,839	185,886	329,188	677,725
Tools and Garage Equipment		3,832,596	1,872,079	707,534	1,252,982	2,579,614
Laboratory Equipment		9,230,030	4,508,523	1,703,953	3,017,553	6,212,477
Power Operated Equipment		6,324,623	-	2,282,505	4,042,118	2,282,505
Communication Equipment		26,100,725	12,749,225	4,818,447	8,533,052	17,567,673
Miscellaneous Equipment		2,344,860	1,145,376	432,884	766,600	1,578,260
						-
Total General Plant		213,447,249	72,401,297	46,755,724	94,290,228	119,157,021
Total Electric Plant In-Service		3,325,270,233	1,592,410,121	621,228,486	1,111,631,626	2,213,638,607
<i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>						
LESS:						
Depreciation Reserve						
Steam (Production) Plant		385,155,364	385,155,364	-	-	385,155,364
Nuclear (Production) Plant		-	-	-	-	-
Hydraulic (Production) Plant - Conventional		217,545,265	217,545,265	-	-	217,545,265
Hydraulic (Production) Plant - Pumped Storage		-	-	-	-	-
Other (Production) Plant		5,664,338	5,664,338	-	-	5,664,338
Transmission Plant		196,980,645	-	196,980,645	-	196,980,645
Distribution Plant		385,008,939	-	-	385,008,939	-
General Plant		81,732,949	39,923,480	15,088,697	26,720,772	55,012,177
Intangible Plant						-
Accum Prov for Depr, Amort, & Depl (In-Service Deprc: Cmmn Plt)		-	-	-	-	-
Accum Prov for Depr, Amort, & Depl (Amort of Other Util Plt: Electric)		44,319,189	-	-	44,319,189	-
Amort of Plant Acquisition Adjustments (Electric)		(282,135)	(97,883)	(44,000)	(140,252)	(141,883)
Amortization Reserve						
Total Depreciation and Amortization		1,316,124,554	648,190,565	212,025,341	455,908,648	860,215,906

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

Idaho Power
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Total Net Plant		2,009,145,679	944,219,557	409,203,145	655,722,978	1,353,422,701
<i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>						
Assets and Other Debits (Comparative Balance Sheet)						
Cash Working Capital		35,353,677	17,894,200	4,700,650	12,758,826	22,594,850
UTILITY PLANT						
(Utility Plant) Held For Future Use		2,635,710	1,287,445	486,578	861,687	1,774,023
(Utility Plant) Completed Construction - Not Classified		-	-	-	-	-
(Utility Plant) In Service (Classified) COMMON		-	-	-	-	-
Nuclear Fuel		N/A				-
Construction Work in Progress (CWIP) - ELECTRIC		151,651,719	-	-	151,651,719	-
Acquisition Adjustments (Electric)		(454,449)	(157,664)	(70,873)	(225,911)	(228,538)
Total		153,832,980	1,129,781	415,704	152,287,495	1,545,485
OTHER PROPERTY AND INVESTMENTS						
Other Investment		32,458,340	-	-	32,458,340	
Long-Term Portion of Derivative Assets (175)		-	-	-	-	
Long-Term Portion of Derivative Assets – Hedges (176)		-	-	-	-	
Total		32,458,340	-	-	32,458,340	-
CURRENT AND ACCRUED ASSETS						
Fuel Stock		6,450,733	6,450,733	-	-	6,450,733
Fuel Stock Expenses Undistributed (152)		-	-	-	-	-
Plant Materials and Operating Supplies		25,378,777	12,396,581	4,685,169	8,297,027	17,081,750
Other Materials and Supplies		-	-	-	-	-
Stores Expense Undistributed		685,830	335,002	126,611	224,217	461,613
Prepayments (165)		28,448,966	-	-	28,448,966	-
Derivative Instrument Assets (175)		87,506	-	-	87,506	-
(Less) Long-Term Portion of Derivative Instrument Assets (175)		-	-	-	-	-
Derivative Instrument Assets - Hedges (176)		-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges (176)		-	-	-	-	-

Table 9.1.5.2
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Idaho Power

2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Total		61,051,812	19,182,316	4,811,780	37,057,716	23,994,096
DEFERRED DEBITS						
Unamortized Debt Expenses (181)		7,741,547	3,707,283	1,446,279	2,587,985	5,153,562
Extraordinary Property Losses (182.1)		-	-	-	-	-
Unrecovered Plant and Regulatory Study Costs (182.2)		-	-	-	-	-
Other Regulatory Assets (182.3)		438,780,828	77,810,422	175,400	360,795,006	77,985,822
Prelim. Survey and Investigation Charges (Electric) (183)		91,953	-	-	91,953	-
Preliminary Natural Gas Survey and Investigation Charges 183.1)		-	-	-	-	-
Other Preliminary Survey and Investigation Charges (183.2)		-	-	-	-	-
Clearing Accounts (184)		12,057	4,183	1,880	5,994	6,063
Temporary Facilities (185)		-	-	-	-	-
Miscellaneous Deferred Debits (186)		83,272,850	53,390,937	15,511,732	14,370,180	68,902,670
Deferred Losses from Disposition of Utility Plt. (187)		-	-	-	-	-
Research, Development, and Demonstration Expenditures (188)		-	-	-	-	-
Unamortized Loss on Reaquired Debt (189)		15,193,036	7,421,228	2,804,782	4,967,026	10,226,010
Accumulated Deferred Income Taxes (190)		72,712,115	-	-	72,712,115	-
Unrecovered Purchased Gas Costs (191)		-	-	-	-	-
Total		617,804,386	142,334,054	19,940,074	455,530,258	162,274,128
Total Assets and Other Debits		900,501,195	180,540,351	29,868,208	690,092,635	210,408,559
LESS:						
Liabilities and Other Credits (Comparative Balance Sheet)						
OTHER NONCURRENT LIABILITIES						
Long-Term Portion of Derivative Instrument Liabilities		-	-	-	-	-
Long-Term Portion of Derivative Instrument Liabilities - Hedges		-	-	-	-	-
Total		-	-	-	-	-
CURRENT AND ACCRUED LIABILITIES						
Derivative Instrument Liabilities (244)		445	-	-	445	-
(Less) Long-Term Portion of Derivative Instrument Liabilities		-	-	-	-	-

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
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Idaho Power
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Derivative Instrument Liabilities - Hedges (245)		-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges		-	-	-	-	-
Total		445	-	-	445	-
DEFERRED CREDITS						
Customer Advances for Construction (252)		15,073,749	-	-	15,073,749	-
Accumulated Deferred Investment Tax Credits (255)		66,836,156	-	-	66,836,156	-
Deferred Gains from Disposition of Utility Plant (256)		-	-	-	-	-
Other Deferred Credits (253)		56,257,710	23,410,048	7,917,763	24,929,899	31,327,811
Other Regulatory Liabilities (254)		209,105,349	91,188,197	27,296,596	90,620,556	118,484,793
Unamortized Gain on Reaquired Debt (257)		-	-	-	-	-
Accum. Deferred Income Taxes-Accel. Amort.(281)		-	-	-	-	-
Accum. Deferred Income Taxes-Property (282)		585,543,346	-	-	585,543,346	-
Accum. Deferred Income Taxes-Other (283)		28,210,452	-	-	28,210,452	-
Total		961,026,762	114,598,245	35,214,359	811,214,158	149,812,604
Total Liabilities and Other Credits		961,027,207	114,598,245	35,214,359	811,214,603	149,812,604
Total Rate Base		1,948,619,667	1,010,161,663	403,856,994	534,601,010	1,414,018,657
<i>(Total Net Plant + Debits - Credits)</i>						
Schedule 2: Long Term Debt						
Long Term Debt		987,045,000				
Interest for Year		50,317,585				
Rate of Return		5.10%				
<i>(Interest for Year / Long Term Debt)</i>						

**Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Idaho Power
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
<u>Schedule 3: Expenses</u>						
Power Production Expenses:						
Steam Power Generation						
Steam - Fuel		98,387,370	98,387,370	-	-	98,387,370
Steam - Operation (less fuel)		14,658,306	14,658,306	-	-	14,658,306
Steam - Maintenance		24,142,243	24,142,243	-	-	24,142,243
Nuclear Power Generation						
Nuclear - Fuel		-	-	-	-	-
Nuclear - Operation (less fuel)		-	-	-	-	-
Nuclear - Maintenance		-	-	-	-	-
Hydraulic Power Generation						
Hydraulic - Operation		19,384,520	19,384,520	-	-	19,384,520
Hydraulic - Maintenance		8,005,488	8,005,488	-	-	8,005,488
Other Power Generation						
Other Power - Fuel		4,874,063	4,874,063	-	-	4,874,063
Other Power - Operations (less fuel)		861,623	861,623	-	-	861,623
Other Power - Maintenance		434,357	434,357	-	-	434,357
Other Power Supply Expenses						
Purchased Power		195,642,193	195,642,193	-	-	195,642,193
System Control and Load Dispatching		106,362	106,362	-	-	106,362
Other Expenses		41,082,749	41,082,749	-	-	41,082,749
BPA REP Reversal		-	-	-	-	-
Oregon Public Purpose Charge		-	-	-	-	-
Total Production Expense		407,579,274	407,579,274	-	-	407,579,274
Transmission Expenses:						
Transmission of Electricity to Others (Wheeling)		8,441,863	-	8,441,863	-	8,441,863
Total Operations less Wheeling		9,365,726	-	9,365,726	-	9,365,726

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

Idaho Power
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Total Maintenance		6,027,500	-	6,027,500	-	6,027,500
Total Transmission Expense		23,835,089	-	23,835,089	-	23,835,089
Distribution Expense:						
Total Operations		22,080,049	-	-	22,080,049	-
Total Maintenance		17,269,236	-	-	17,269,236	-
Total Distribution Expense		39,349,285	-	-	39,349,285	-
Customer and Sales Expenses:						
Total Customer Accounts		17,445,057	-	-	17,445,057	-
Total Customer Service and Information		8,397,962	-	-	8,397,962	-
Total Sales		-	-	-	-	-
Total Customer and Sales Expenses		25,843,019	-	-	25,843,019	-
Administration and General Expense:						
Operation						
Administration and General Salaries		45,232,476	22,094,368	8,350,355	14,787,753	30,444,723
Office Supplies & Expenses		14,719,947	5,106,869	2,295,642	7,317,436	7,402,511
(Less) Administration Expenses Transferred - Credit		(26,358,321)	(9,144,632)	(4,110,698)	(13,102,991)	(13,255,330)
Outside Services Employed		7,056,785	2,448,248	1,100,537	3,508,000	3,548,785
Property Insurance		3,207,907	1,536,207	599,303	1,072,397	2,135,510
Injuries and Damages		5,996,017	2,080,230	935,106	2,980,681	3,015,336
Employee Pensions & Benefits		26,676,544	9,255,034	4,160,327	13,261,183	13,415,361
Franchise Requirements		2,075	-	-	2,075	-
Regulatory Commission Expenses		3,976,930	-	-	3,976,930	-
(Less) Duplicate Charges - Credit		-	-	-	-	-
General Advertising Expenses		118,315	-	-	118,315	-
Miscellaneous General Expenses		1,959,515	-	-	1,959,515	-
Rents		12,291	-	-	12,291	-

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

Idaho Power
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Maintenance						
Maintenance of General Plant		2,525,892	1,101,628	439,542	984,721	1,541,171
Total Administration and General Expenses		85,126,373	34,477,953	13,770,113	36,878,307	48,248,066
Total Operations and Maintenance		581,733,040	442,057,227	37,605,202	102,070,611	479,662,429
<i>(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration and General Expenses)</i>						
Depreciation and Amortization:						
Intangible Plant		10,050,419	4,909,253	1,855,405	3,285,761	6,764,658
Steam Production Plant		22,416,607	22,416,607	-	-	22,416,607
Nuclear Production Plant		-	-	-	-	-
Hydraulic Production Plant - Conventional		12,507,178	12,507,178	-	-	12,507,178
Hydraulic Production Plant - Pumped Storage		-	-	-	-	-
Other Production Plant		1,481,062	1,481,062	-	-	1,481,062
Transmission Plant		11,795,378	-	11,795,378	-	11,795,378
Distribution Plant		25,115,076	-	-	25,115,076	-
General Plant		17,671,901	5,994,308	3,871,039	7,806,554	9,865,347
Common Plant - Electric		-	-	-	-	-
Total Depreciation and Amortization		101,037,621	47,308,408	17,521,822	36,207,392	64,830,229
Schedule 3A Items: Taxes						
Taxes Accrued, Prepaid, and Charged During Year						
FEDERAL						
Total Federal		41,150,426	2,818,967	1,267,183	37,064,275	4,086,151
STATE						
Idaho		17,859,186	5,923,127	2,312,722	9,623,337	8,235,849
Washington		3,147,762	992,506	387,683	1,767,573	1,380,189

**Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Idaho Power
2004

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission
Montana		78,953	37,809	14,750	26,394	52,559
Oregon		902,991	432,112	168,575	302,304	600,687
California		930,203	444,155	173,273	312,775	617,428
Arizona		51,551	-	-	51,551	-
Total State		22,970,646	7,829,709	3,057,003	12,083,934	10,886,712
County & Municipal						
Total County and Municipal		-	-	-	-	-
Total Taxes <i>(Total Federal, State and County/Municipal Taxes)</i>		64,121,072	10,648,677	4,324,186	49,148,209	14,972,863
Schedule 3B Items: Other Included Items						
Other Included Items:						
(Less) Gain from Disp. of Plant		-	-	-	-	-
Loss from Disposition of Plant		(2,071)	(992)	(387)	(692)	(1,379)
Total Disposition of Plant						
Sale from Resale:						
Sales for Resale		96,918,117	96,918,117	-	-	96,918,117
Total Sales from Resale		96,918,117	96,918,117	-	-	96,918,117
Other Revenues:						
(450) Forfeited Discounts		-	-	-	-	-
(451) Miscellaneous Service Revenues		4,214,833	4,214,833	-	-	4,214,833
(453) Sales of Water and Water Power		-	-	-	-	-
(454) Rent from Electric Property		18,085,801	18,085,801	-	-	18,085,801
(455) Interdepartmental Rents		-	-	-	-	-
(456) Other Electric Revenues		4,215,146	-	4,215,146	-	4,215,146
(456.1) Revenues from Transmission of Electricity of Others		16,208,798	-	16,208,798	-	16,208,798
(457.1) Regional Control Service Revenues		-	-	-	-	-

**Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		Idaho Power					
		2004					
(1) Account Description	(3) Funct. Method	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other	Total Production & Transmission	
(457.2) Miscellaneous Revenues		-	-	-	-	-	
Total Other Revenues		42,724,578	22,300,634	20,423,944	-	42,724,578	
Total Other Included Items		139,640,624	119,217,759	20,423,557	(692)	139,641,316	
Total Operating Expenses		607,251,109	380,796,552	39,027,652	187,426,905	419,824,205	
Return from Rate Base		99,336,743	51,496,026	20,587,824	27,252,893	72,083,850	
Total Cost		706,587,852	432,292,579	59,615,476	214,679,798	491,908,055	

Schedule 4: Average System Cost		Revised Forecast 2004 Base Year
Total Production and Transmission Costs		491,908,055
Total Retail Load (MWh)		13,239,589
Distribution Losses		661,979
Total Retail Load plus Distribution Losses		13,901,568
Average System Cost before NLSL Adjustment		\$ 35.39
NLSL Loads MWh		367,920
Cost of Serving NLSL		\$ 13,020,689
ASC after NLSL Adjustments		\$ 35.38
Contract System Cost		\$ 478,887,366
Contract System Load		13,533,648
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.		
Average System Cost		\$ 35.38

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Idaho Power

2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
<u>Schedule 1: Plant Investment / Rate Base / Rate of Return</u>				
Intangible Plant:				
Intangible Plant - Organization	3,839	3,839	-	
Intangible Plant - Franchises and Consents	6,844,486	6,844,486	-	
Intangible Plant - Miscellaneous	44,813,040	44,813,040	-	
Total Intangible Plant	51,661,364	51,661,364	-	
Production Plant:				
Steam Production	800,962,763	800,962,763	-	
Nuclear Production	-	-	-	
Hydraulic Production	629,100,975	629,100,975	-	
Other Production	52,453,360	52,453,360	-	
Total Production Plant	1,482,517,098	1,482,517,098	-	
Transmission Plant:				
Transmission Plant	560,303,124	560,303,124	-	
Total Transmission Plant	560,303,124	560,303,124	-	
Distribution Plant:				
Distribution Plant	-	-	-	
Total Distribution Plant	-	-	-	
General Plant:				
Land and Land Rights	5,763,018	5,763,018	-	
Structures and Improvements	40,523,472	40,523,472	-	
Furniture and Equipment	26,153,966	26,153,966	-	

**Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Idaho Power
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Transportation Equipment	15,818,311	15,818,311	-	
Stores Equipment	677,725	677,725	-	
Tools and Garage Equipment	2,579,614	2,579,614	-	
Laboratory Equipment	6,212,477	6,212,477	-	
Power Operated Equipment	2,282,505	2,282,505	-	
Communication Equipment	17,567,673	17,567,673	-	
Miscellaneous Equipment	1,578,260	-	(1,578,260)	Functionalization Error in Rate Case
Total General Plant	119,157,021	117,578,761	(1,578,260)	
Total Electric Plant In-Service <i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>	2,213,638,607	2,212,060,347	(1,578,260)	
LESS:				
Depreciation Reserve				
Steam (Production) Plant	385,155,364	385,155,364	-	
Nuclear (Production) Plant	-	-	-	
Hydraulic (Production) Plant - Conventional	217,545,265	217,545,265	-	
Hydraulic (Production) Plant - Pumped Storage	-	-	-	
Other (Production) Plant	5,664,338	5,664,338	-	
Transmission Plant	196,980,645	196,980,645	-	
Distribution Plant	-	-	-	
General Plant	55,012,177	45,023,110	(9,989,067)	Functionalization Error in Rate Case
Intangible Plant	-	-	-	
Accum Prov for Depr, Amort, & Depl (In-Service Deprc: Cmmn Plt)	-	-	-	
Accum Prov for Depr, Amort, & Depl (Amort of Other Util Plt: Electric)	-	-	-	Account was not included in 07 Rate Case
Amort of Plant Acquisition Adjustments (Electric)	(141,883)	-	141,883	Account was not included in 07 Rate Case
Amortization Reserve	-	-	-	

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Idaho Power
2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Total Depreciation and Amortization	860,215,906	850,368,722	(9,847,185)	
Total Net Plant <i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>	1,353,422,701	1,361,691,626	8,268,925	
Assets and Other Debits (Comparative Balance Sheet)				
Cash Working Capital	22,594,850	23,116,788	521,937	
UTILITY PLANT				
(Utility Plant) Held For Future Use	1,774,023	-	(1,774,023)	Functionalization Error in Rate Case
(Utility Plant) Completed Construction - Not Classified	-	-	-	
(Utility Plant) In Service (Classified) COMMON	-	-	-	
Nuclear Fuel	-	-	-	
Construction Work in Progress (CWIP) - ELECTRIC	-	-	-	
Acquisition Adjustments (Electric)	(228,538)	-	228,538	Functionalization Error & Data Error in 07 Rate Case
Total	1,545,485	-	(1,545,485)	
OTHER PROPERTY AND INVESTMENTS				
Other Investment	-	-	-	Data Error in Rate Case
Long-Term Portion of Derivative Assets (175)	-	-	-	
Long-Term Portion of Derivative Assets – Hedges (176)	-	-	-	
Total	-	-	-	
CURRENT AND ACCRUED ASSETS				
Fuel Stock	6,450,733	6,450,733	-	
Fuel Stock Expenses Undistributed (152)	-	-	-	
Plant Materials and Operating Supplies	17,081,750	17,543,363	461,613	Account includes "Stores Exp. Undistrib. "
Other Materials and Supplies	-	-	-	
Stores Expense Undistributed	461,613	-	(461,613)	Account included in "Plt Mat. & Oper Supply
Prepayments (165)	-	-	-	
Derivative Instrument Assets (175)	-	-	-	

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Idaho Power

2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
(Less) Long-Term Portion of Derivative Instrument Assets (175)	-	-	-	
Derivative Instrument Assets - Hedges (176)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges	-	-	-	
Total	23,994,096	23,994,096	-	
DEFERRED DEBITS				
Unamortized Debt Expenses (181)	5,153,562	5,210,620	57,058	Functionalization Error in Rate Case
Extraordinary Property Losses (182.1)	-	-	-	
Unrecovered Plant and Regulatory Study Costs (182.2)	-	-	-	
Other Regulatory Assets (182.3)	77,985,822	84,482,504	6,496,682	Functionalization Errors sub accounts in 07 Rate Case
Prelim. Survey and Investigation Charges (Electric) (183)	-	-	-	
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-	
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-	
Clearing Accounts (184)	6,063	6,063	-	
Temporary Facilities (185)	-	-	-	
Miscellaneous Deferred Debits (186)	68,902,670	70,306,296	1,403,626	Data Error in Rate Case
Deferred Losses from Disposition of Utility Plt. (187)	-	-	-	
Research, Development, and Demonstration Expenditures (188)	-	-	-	
Unamortized Loss on Reacquired Debt (189)	10,226,010	10,226,010	-	
Accumulated Deferred Income Taxes (190)	-	-	-	
Unrecovered Purchased Gas Costs (191)	-	-	-	
Total	162,274,128	170,231,494	7,957,366	
Total Assets and Other Debits	210,408,559	217,342,377	6,933,818	
LESS:				
Liabilities and Other Credits (Comparative Balance Sheet)				
OTHER NONCURRENT LIABILITIES				
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	
Long-Term Portion of Derivative Instrument Liabilities - Hedges	-	-	-	

**Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Idaho Power
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Total	-	-	-	
CURRENT AND ACCRUED LIABILITIES				
Derivative Instrument Liabilities (244)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Liabilities	-	-	-	
Derivative Instrument Liabilities - Hedges (245)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedge	-	-	-	
Total	-	-	-	
DEFERRED CREDITS				
Customer Advances for Construction (252)	-	-	-	
Accumulated Deferred Investment Tax Credits (255)	-	-	-	
Deferred Gains from Disposition of Utility Plant (256)	-	-	-	
Other Deferred Credits (253)	31,327,811	86,882,296	55,554,485	Functionalization Error & Data Error in 07 Rate Case
Other Regulatory Liabilities (254)	118,484,793	118,313,604	(171,189)	Functionalization PTD in Rate Case, Supplemental DA.
Unamortized Gain on Reacquired Debt (257)	-	-	-	
Accum. Deferred Income Taxes-Accel. Amort.(281)	-	-	-	
Accum. Deferred Income Taxes-Property (282)	-	-	-	
Accum. Deferred Income Taxes-Other (283)	-	-	-	
Total	149,812,604	180,745,238	30,932,634	
Total Liabilities and Other Credits	149,812,604	180,745,238	30,932,634	
Total Rate Base	1,414,018,657	1,398,288,765	(15,729,892)	
<i>(Total Net Plant + Debits - Credits)</i>				
Schedule 2: Long Term Debt				
Long Term Debt				
Interest for Year				
Rate of Return				
<i>(Interest for Year / Long Term Debt)</i>				

**Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Idaho Power
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
<u>Schedule 3: Expenses</u>				
Power Production Expenses:				
 Steam Power Generation				
Steam - Fuel	98,387,370	98,387,370	-	
Steam - Operation (less fuel)	14,658,306	14,658,306	-	
Steam - Maintenance	24,142,243	24,142,243	-	
 Nuclear Power Generation				
Nuclear - Fuel	-	-	-	
Nuclear - Operation (less fuel)	-	-	-	
Nuclear - Maintenance	-	-	-	
 Hydraulic Power Generation				
Hydraulic - Operation	19,384,520	19,384,520	-	
Hydraulic - Maintenance	8,005,488	8,005,488	-	
 Other Power Generation				
Other Power - Fuel	4,874,063	4,874,069	-	
Other Power - Operations (less fuel)	861,623	861,617	-	
Other Power - Maintenance	434,357	434,357	-	
 Other Power Supply Expenses				
Purchased Power	195,642,193	195,642,193	-	
System Control and Load Dispatching	106,362	106,362	6	
Other Expenses	41,082,749	41,082,749	(6)	
BPA REP Reversal	-	-	-	
Oregon Public Purpose Charge	-	-	-	
Total Production Expense	407,579,274	407,579,274	-	

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Idaho Power

2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Transmission Expenses:				
Transmission of Electricity to Others (Wheeling)	8,441,863	8,441,863	-	
Total Operations less Wheeling	9,365,726	9,365,726	-	
Total Maintenance	6,027,500	6,027,500	-	
Total Transmission Expense	23,835,089	23,835,089	-	
Distribution Expense:				
Total Operations	-	-	-	
Total Maintenance	-	-	-	
Total Distribution Expense	-	-	-	
Customer and Sales Expenses:				
Total Customer Accounts	-	-	-	
Total Customer Service and Information	-	-	-	
Total Sales	-	-	-	
Total Customer and Sales Expenses	-	-	-	
Administration and General Expense:				
Operation				
Administration and General Salaries	30,444,723	30,089,875	(354,848)	Functionalization Error in 07 Rate Case
Office Supplies & Expenses	7,402,511	9,792,110	2,389,599	Functionalization Error in 07 Rate Case
(Less) Administration Expenses Transferred - Credit	(13,255,330)	(17,534,273)	(4,278,943)	Functionalization Error in 07 Rate Case
Outside Services Employed	3,548,785	4,694,366	1,145,581	Functionalization Error in 07 Rate Case
Property Insurance	2,135,510	2,133,987	(1,523)	
Injuries and Damages	3,015,336	3,988,714	973,378	Functionalization Error in 07 Rate Case
Employee Pensions & Benefits	13,415,361	17,745,964	4,330,603	Functionalization Error in 07 Rate Case
Franchise Requirements	-	-	-	
Regulatory Commission Expenses	-	-	-	
(Less) Duplicate Charges - Credit	-	-	-	

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Idaho Power

2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
General Advertising Expenses	-	-	-	
Miscellaneous General Expenses	-	-	-	
Rents	-	-	-	
Maintenance				
Maintenance of General Plant	1,541,171	1,512,829	(28,342)	GPM Functionalization ratio altered due to errors in General Plt.
Total Administration and General Expenses	48,248,066	52,423,572	4,175,506	
Total Operations and Maintenance	479,662,429			
<i>(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration and General Expenses)</i>				
Depreciation and Amortization:				Error in assumption. Reg Asset Depr. Is not noted in FF!
Intangible Plant	6,764,658	6,764,658	-	
Steam Production Plant	22,416,607	22,416,607	-	
Nuclear Production Plant	-	-	-	
Hydraulic Production Plant - Conventional	12,507,178	12,507,178	-	
Hydraulic Production Plant - Pumped Storage	-	-	-	
Other Production Plant	1,481,062	1,481,062	-	
Transmission Plant	11,795,378	11,795,378	-	
Distribution Plant	-	-	-	
General Plant	9,865,347	9,734,678	(130,669)	
Common Plant - Electric	-	-	-	
Total Depreciation and Amortization	64,830,229	81,596,061	16,765,832	
Schedule 3A Items: Taxes				
Taxes Accrued, Prepaid, and Charged During Year				
FEDERAL				

**Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Idaho Power
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Total Federal	4,086,151	5,468,941	1,382,790	
STATE				
Idaho	8,235,849	8,245,771	9,922	Error in Functionalization, Labor taxes used PTD in 07 Rate Case
Washington	1,380,189	2,684,158	1,303,970	Taxes for MT, OR and Cal included, Error in 07 Rate Case
Montana	52,559	-	(52,559)	
Oregon	600,687	-	(600,687)	
California	617,428	-	(617,428)	
Arizona	-	-	-	
Total State	10,886,712	10,929,929	43,218	
County & Municipal				
Total County and Municipal	-	-	-	
Total Taxes	14,972,863	16,398,870	1,426,008	

Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Idaho Power
2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
<i>(Total Federal, State and County/Municipal Taxes)</i>				
<u>Schedule 3B Items: Other Included Items</u>				
Other Included Items:				
(Less) Gain from Disp. of Plant	-	-	-	
Loss from Disposition of Plant	(1,379)	-	1,379	Data not included in 07 Rate Case
Total Disposition of Plant	-	-	1,379	
Sale from Resale:				
Sales for Resale				
Total Sales from Resale	96,918,117	96,918,117	-	
Other Revenues:				
(450) Forfeited Discounts	-	-	-	Functionalization Error in 07 Rate Case
(451) Miscellaneous Service Revenues	4,214,833	-	(4,214,833)	Functionalization Error in 07 Rate Case
(453) Sales of Water and Water Power	-	-	-	
(454) Rent from Electric Property	18,085,801	-	(18,085,801)	Functionalization Error in 07 Rate Case
(455) Interdepartmental Rents	-	-	-	
(456) Other Electric Revenues	4,215,146	20,423,944	16,208,798	07 Rate Case consolidated Wheeling and Oth Rev. .
(456.1) Revenues from Transmission of Electricity of Others	16,208,798	-	(16,208,798)	07 Rate Case consolidated Wheeling and Oth Rev. .
(457.1) Regional Control Service Revenues	-	-	-	
(457.2) Miscellaneous Revenues	-	-	-	
Total Other Revenues	42,724,578	20,423,944	(22,300,634)	
Total Other Included Items	139,641,316	117,342,061	(22,299,255)	
Total Operating Expenses	419,824,205	464,490,806	44,666,601	

**Table 9.1.5.2
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Idaho Power
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
<u>Return from Rate Base</u>	72,083,850	73,099,919	1,016,069	
<u>Total Cost</u>	491,908,055	537,590,725	45,682,670	
<u>Schedule 4: Average System Cost</u>	Revised Forecast 2004 Base Year	2007 Final Proposal 2004 Base Year	Differential	
Total Production and Transmission Costs	491,908,055	537,590,725		
Total Retail Load (MWH)	13,239,589	13,239,589		
Distribution Losses	661,979	661,979		
Total Retail Load plus Distribution Losses	13,901,568	13,901,568		
Average System Cost before NLSL Adjustment	\$ 35.39	3867%	\$ 3.29	
NLSL Loads MWh	367,920			
Cost of Serving NLSL	\$13,020,689			
ASC after NLSL Adjustments	\$ 35.38			
Contract System Cost	\$ 478,887,366			
Contract System Load	13,533,648			
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.				
Average System Cost	\$ 35.38			

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
<u>Schedule 1: Plant Investment / Rate Base / Rate of Return</u>					
Intangible Plant:					
Intangible Plant - Organization	19,995	2,586	6,484	10,925	9,070
Intangible Plant - Franchises and Consents	2,004	259	650	1,095	909
Intangible Plant - Miscellaneous	1,947,264	251,891	631,442	1,063,932	883,332
Total Intangible Plant	1,969,263	254,736	638,575	1,075,951	893,312
Production Plant:					
Steam Production	175,238,929	175,238,929	-	-	175,238,929
Nuclear Production	-	-	-	-	-
Hydraulic Production	-	-	-	-	-
Other Production	26,393,938	26,393,938	-	-	26,393,938
Total Production Plant	201,632,867	201,632,867	-	-	201,632,867
Transmission Plant:					
Transmission Plant	505,455,120	-	505,455,120	-	505,455,120
Total Transmission Plant	505,455,120	-	505,455,120	-	505,455,120
Distribution Plant:					
Distribution Plant	851,654,070	-	-	851,654,070	-
Total Distribution Plant	851,654,070	-	-	851,654,070	-
General Plant:					
Land and Land Rights	566,863	73,327	183,817	309,718	257,145
Structures and Improvements	8,459,350	1,094,269	2,743,123	4,621,958	3,837,392
Furniture and Equipment	932,693	68,663	246,715	617,315	315,378
Transportation Equipment	26,849,999	-	10,000,278	16,849,721	10,000,278
Stores Equipment	675,488	87,379	219,041	369,068	306,420
Tools and Garage Equipment	4,799,781	620,881	1,556,431	2,622,469	2,177,312
Laboratory Equipment	4,261,694	551,276	1,381,945	2,328,473	1,933,221
Power Operated Equipment	2,728,403	-	1,016,193	1,712,210	1,016,193

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Account Description	Northwestern				Total Production & Transmission
	Total	Production	Transmission	Distribution/ Other	
Communication Equipment	18,549,244	2,399,459	6,014,985	10,134,800	8,414,444
Miscellaneous Equipment	215,471	27,872	69,871	117,727	97,744
Total General Plant	68,038,986	4,923,126	23,432,400	39,683,460	28,355,526
Total Electric Plant In-Service <i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>	1,628,750,306	206,810,729	529,526,095	892,413,481	736,336,825
LESS:					
Depreciation Reserve					
Steam (Production) Plant	111,266,091	111,266,091	-	-	111,266,091
Nuclear (Production) Plant	-	-	-	-	-
Hydraulic (Production) Plant - Conventional	-	-	-	-	-
Hydraulic (Production) Plant - Pumped Storage	-	-	-	-	-
Other (Production) Plant	17,079,412	17,079,412	-	-	17,079,412
Transmission Plant	194,401,353	-	194,401,353	-	194,401,353
Distribution Plant	350,665,940	-	-	350,665,940	-
General Plant	34,244,399	4,429,724	11,104,472	18,710,204	15,534,195
Accumulated Provision for Depreciation, Amortization, & Depletion (In-Service Depreciated)	23,511,048	-	-	23,511,048	-
Accumulated Provision for Depreciation, Amortization, & Depletion (Amortization of Other)	8,287,121	-	-	8,287,121	-
Amortization of Plant Acquisition Adjustments (Electric)	2,631,714	193,740	696,139	1,741,835	889,879
Total Depreciation and Amortization	742,087,078	132,968,967	206,201,964	402,916,147	339,170,931
Total Net Plant <i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>	886,663,228	73,841,762	323,324,132	489,497,334	397,165,894
Cash Working Capital	25,701,077	7,521,288	5,680,698	12,499,091	13,201,986

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
UTILITY PLANT					
(Utility Plant) Held For Future Use	136,201,843	17,618,546	44,166,332	74,416,966	61,784,877
(Utility Plant) Completed Construction - Not Classified	-	-	-	-	-
(Utility Plant) In Service (Classified) COMMON	-	-	-	-	-
Nuclear Fuel	N/A				-
Construction Work in Progress (CWIP) - ELECTRIC	11,284,008	-	-	11,284,008	-
Acquisition Adjustments (Electric)	3,106,285	228,677	821,672	2,055,936	1,050,349
Total	150,592,136	17,847,223	44,988,004	87,756,909	62,835,227
OTHER PROPERTY AND INVESTMENTS					
Other Investment	6,195,600	-	-	6,195,600	-
Long-Term Portion of Derivative Assets (175)	-	-	-	-	-
Long-Term Portion of Derivative Assets – Hedges (176)	-	-	-	-	-
Total	6,195,600	-	-	6,195,600	-
CURRENT AND ACCRUED ASSETS					
Fuel Stock	2,768,454	2,768,454	-	-	2,768,454
Fuel Stock Expenses Undistributed (152)	-	-	-	-	-
Plant Materials and Operating Supplies	13,037,903	1,686,533	4,227,816	7,123,554	5,914,349
Other Materials and Supplies	-	-	-	-	-
Stores Expense Undistributed	-	-	-	-	-
Prepayments (165)	31,154,708	-	-	31,154,708	-
Derivative Instrument Assets (175)	-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Assets (175)	-	-	-	-	-
Derivative Instrument Assets - Hedges (176)	-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges (176)	-	-	-	-	-
Total	46,961,065	4,454,987	4,227,816	38,278,262	8,682,803
DEFERRED DEBITS					
Unamortized Debt Expenses (181)	13,269,662	1,684,917	4,314,125	7,270,620	5,999,042
Extraordinary Property Losses (182.1)	-	-	-	-	-
Unrecovered Plant and Regulatory Study Costs (182.2)	-	-	-	-	-
Other Regulatory Assets (182.3)	191,936,748	13,410,014	47,697,252	130,829,482	61,107,266
Prelim. Survey and Investigation Charges (Electric) (183)	-	-	-	-	-
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-	-	-

Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Northwestern
2004

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-	-	-
Clearing Accounts (184)	29,084	2,141	7,693	19,250	9,834
Temporary Facilities (185)	78	10	25	43	35
Miscellaneous Deferred Debits (186)	929,735	726,227	(10,061)	213,570	716,165
Deferred Losses from Disposition of Utility Plant. (187)	-	-	-	-	-
Research, Development, and Demonstration Expenditures (188)	-	-	-	-	-
Unamortized Loss on Reacquired Debt (189)	2,207,780	285,590	715,919	1,206,271	1,001,509
Accumulated Deferred Income Taxes (190)	327,995,937	-	-	327,995,937	-
Unrecovered Purchased Gas Costs (191)	3,102,173	-	-	3,102,173	-
Total	539,471,197	16,108,898	52,724,954	470,637,345	68,833,852
Total Assets and Other Debits	768,921,075	45,932,396	107,621,472	615,367,207	153,553,868
LESS:					
Liabilities and Other Credits (Comparative Balance Sheet)					
OTHER NONCURRENT LIABILITIES					
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	-	-
Long-Term Portion of Derivative Instrument Liabilities - Hedges	-	-	-	-	-
Total	-	-	-	-	-
CURRENT AND ACCRUED LIABILITIES					
Derivative Instrument Liabilities (244)	-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Liabilities	-	-	-	-	-
Derivative Instrument Liabilities - Hedges (245)	-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges	-	-	-	-	-
Total	-	-	-	-	-
DEFERRED CREDITS					
Customer Advances for Construction (252)	25,269,519	-	-	25,269,519	-
Accumulated Deferred Investment Tax Credits (255)	5,099,450	-	-	5,099,450	-
Deferred Gains from Disposition of Utility Plant (256)	-	-	-	-	-
Other Deferred Credits (253)	147,144,511	10,503,860	36,750,832	99,889,819	47,254,692
Other Regulatory Liabilities (254)	33,488,677	15,969,486	-	17,519,191	15,969,486
Unamortized Gain on Reacquired Debt (257)	-	-	-	-	-

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Accumulated. Deferred Income Taxes-Accelerated. Amort.(281)	-	-	-	-	-
Accumulated. Deferred Income Taxes-Property (282)	123,072,557	-	-	123,072,557	-
Accumulated. Deferred Income Taxes-Other (283)	272,267,994	-	-	272,267,994	-
Total	606,342,708	26,473,346	36,750,832	543,118,530	63,224,178
Total Liabilities and Other Credits	606,342,708	26,473,346	36,750,832	543,118,530	63,224,178
Total Rate Base	1,049,241,595	93,300,813	394,194,772	561,746,011	487,495,584

(Total Net Plant + Debits - Credits)

Schedule 2: Long Term Debt

Long Term Debt	787,306,000
Interest for Year	58,111,950
Rate of Return	7.38%

(Interest for Year / Long Term Debt)

Schedule 3: Expenses

Power Production Expenses:

Steam Power Generation

Steam - Fuel	32,252,303	32,252,303	-	-	32,252,303
Steam - Operation (less fuel)	41,471,873	41,471,873	-	-	41,471,873
Steam - Maintenance	6,947,065	6,947,065	-	-	6,947,065

Nuclear Power Generation

Nuclear - Fuel	-	-	-	-	-
Nuclear - Operation (less fuel)	-	-	-	-	-
Nuclear - Maintenance	-	-	-	-	-

Hydraulic Power Generation

Hydraulic - Operation	-	-	-	-	-
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**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Hydraulic - Maintenance	-	-	-	-	-
Other Power Generation					
Other Power - Fuel	389,309	389,309	-	-	389,309
Other Power - Operations (less fuel)	396,612	396,612	-	-	396,612
Other Power - Maintenance	183,969	183,969	-	-	183,969
Other Power Supply Expenses					
Purchased Power	262,964,290	262,964,290	-	-	262,964,290
System Control and Load Dispatching	169,418	169,418	-	-	169,418
Other Expenses	4,309,979	4,309,979	-	-	4,309,979
BPA REP Reversal	-	-	-	-	-
Total Production Expense	349,084,818	349,084,818	-	-	349,084,818
Transmission Expenses:					
Transmission of Electricity to Others (Wheeling)	11,336,121	-	11,336,121	-	11,336,121
Total Operations less Wheeling	8,077,758	-	8,077,758	-	8,077,758
Total Maintenance	5,723,830	-	5,723,830	-	5,723,830
Total Transmission Expense	25,137,709	-	25,137,709	-	25,137,709
Distribution Expense:					
Total Operations	18,542,017	-	-	18,542,017	-
Total Maintenance	10,806,313	-	-	10,806,313	-
Total Distribution Expense	29,348,330	-	-	29,348,330	-
Customer and Sales Expenses:					
Total Customer Accounts	9,172,716	-	-	9,172,716	-
Total Customer Service and Information	4,936,756	-	-	4,936,756	-
Total Sales	895,262	-	-	895,262	-
Total Customer and Sales Expenses	15,004,734	-	-	15,004,734	-
Administration and General Expense:					
Operation					

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Administration and General Salaries	22,756,889	2,943,743	7,379,403	12,433,742	10,323,147
Office Supplies & Expenses	7,034,754	517,882	1,860,828	4,656,045	2,378,709
(Less) Administration Expenses Transferred - Credit	(8,046,775)	(592,384)	(2,128,527)	(5,325,864)	(2,720,911)
Outside Services Employed	33,440,352	2,461,799	8,845,616	22,132,937	11,307,415
Property Insurance	1,016,244	129,038	330,393	556,813	459,431
Injuries and Damages	7,784,720	573,092	2,059,208	5,152,419	2,632,301
Employee Pensions & Benefits	3,789,211	278,953	1,002,319	2,507,939	1,281,272
Franchise Requirements	-	-	-	-	-
Regulatory Commission Expenses	521,043	-	-	521,043	-
(Less) Duplicate Charges - Credit	-	-	-	-	-
General Advertising Expenses	35,502	-	-	35,502	-
Miscellaneous General Expenses	9,892,797	-	-	9,892,797	-
Rents	1,439,765	-	-	1,439,765	-
Maintenance					
Maintenance of General Plant	2,974,427	379,269	958,634	1,636,525	1,337,902
Total Administration and General Expenses	82,638,929	6,691,391	20,307,874	55,639,664	26,999,265
Total Operations and Maintenance	501,214,520	355,776,209	45,445,583	99,992,728	401,221,792
<i>(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration and General Expenses)</i>					
Depreciation and Amortization:					
Intangible Plant	340,977	44,107	110,569	186,301	154,676
Steam Production Plant	4,904,077	4,904,077	-	-	4,904,077
Nuclear Production Plant	-	-	-	-	-
Hydraulic Production Plant - Conventional	-	-	-	-	-
Hydraulic Production Plant - Pumped Storage	-	-	-	-	-
Other Production Plant	870,011	870,011	-	-	870,011
Transmission Plant	14,625,851	-	14,625,851	-	14,625,851
Distribution Plant	30,779,117	-	-	30,779,117	-
General Plant	4,118,750	298,022	1,418,484	2,402,244	1,716,506
Common Plant - Electric	5,993,136	-	-	5,993,136	-

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Total Depreciation and Amortization	61,631,919	6,116,218	16,154,904	39,360,798	22,271,121
Schedule 3A Items: Taxes					
Taxes Accrued, Prepaid, and Charged During Year					
FEDERAL					
Total Federal	4,098,337	361,037	1,297,260	2,440,040	1,658,297
STATE					
Washington					
Idaho					
Montana	81,529,807	7,854,789	20,114,900	53,560,118	27,969,689
Oregon					-
California					-
Arizona					-
Total State	81,529,807	7,854,789	20,114,900	53,560,118	27,969,689
County & Municipal					
Total County and Municipal	-	-	-	-	-
Total Taxes	85,628,144	8,215,826	21,412,160	56,000,158	29,627,986
<i>(Total Federal, State and County/Municipal Taxes)</i>					
Schedule 3B Items: Other Included Items					
Other Included Items:					
(Less) Gain from Disposition. of Plant	-	-	-	-	-
Loss from Disposition of Plant	-	-	-	-	-
Total Disposition of Plant	-	-	-	-	-
Sale for Resale:					
Sales for Resale	91,686,499	91,686,499	-	-	91,686,499
Total Sales for Resale	91,686,499	91,686,499	-	-	91,686,499

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Other Revenues:					
(450) Forfeited Discounts	390,532	390,532	-	-	390,532
(451) Miscellaneous Service Revenues	120,127	120,127	-	-	120,127
(453) Sales of Water and Water Power	-	-	-	-	-
(454) Rent from Electric Property	7,484,775	7,484,775	-	-	7,484,775
(455) Interdepartmental Rents	-	-	-	-	-
(456) Other Electric Revenues	1,377,393	-	1,377,393	-	1,377,393
(456.1) Revenues from Transmission of Electricity of Others	1,693,720	-	34,321,570	-	34,321,570
(457.1) Regional Control Service Revenues	-	-	-	-	-
(457.2) Miscellaneous Revenues	-	-	-	-	-
Total Other Revenues	11,066,547	7,995,434	35,698,963	-	43,694,397
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>	102,753,046	99,681,933	3,071,113	-	102,753,046
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>	545,721,537	270,426,319	79,941,535	195,353,683	350,367,854
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>	623,167,251	277,312,958	109,037,499	236,816,794	386,350,457
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>	623,167,251	277,312,958	109,037,499	236,816,794	386,350,457

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
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Schedule 4: Average System Cost

**Revised Forecast
2004 Base Year**

Total Production and Transmission Costs	386,350,457
Total Retail Load (MWh)	6,535,574
Distribution Losses	326,779
Total Retail Load plus Distribution Losses	6,862,353
Average System Cost before NLSL Adjustment	\$ 56.30
NLSL Loads MWh	0
Cost of Serving NLSL	\$ -
ASC after NLSL Adjustments	\$ 56.30
Contract System Costs	\$ 386,350,457
Contract System Loads	6,862,353
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.	
Average System Cost	\$ 56.30

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Northwestern
2004

Account Description	Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
<u>Schedule 1: Plant Investment / Rate Base / Rate of Return</u>				
Intangible Plant:				
Intangible Plant - Organization	9,070	10,174	1,104	PTD Ratio error due to error in Other Production data
Intangible Plant - Franchises and Consents	909	1,020	111	PTD Ratio error due to error in Other Production data
Intangible Plant - Miscellaneous	883,332	990,855	107,523	PTD Ratio error due to error in Other Production data
Total Intangible Plant	893,312	1,002,049	108,737	PTD Ratio error due to error in Other Production data
Production Plant:				
Steam Production	175,238,929	175,238,929	-	
Nuclear Production	-	-	-	
Hydraulic Production	-	-	-	
Other Production	26,393,938	201,632,867	175,238,929	Data Error S/B be 26.3 Million
Total Production Plant	201,632,867	376,871,796	175,238,929	
Transmission Plant:				
Transmission Plant	505,455,120	505,455,120	-	
Total Transmission Plant	505,455,120	505,455,120	-	
Distribution Plant:				
Distribution Plant	-	-	-	
Total Distribution Plant	-	-	-	
General Plant:				
Land and Land Rights	257,145	288,445	31,301	PTD Ratio error due to error in Other Production data
Structures and Improvements	3,837,392	4,304,495	467,103	
Furniture and Equipment	315,378	474,596	159,218	PTD Ratio error due to error in Other Production data
Transportation Equipment	10,000,278	10,000,278	-	PTD Ratio error due to error in Other Production data
Stores Equipment	306,420	343,718	37,299	PTD Ratio error due to error in Other Production data
Tools and Garage Equipment	2,177,312	2,442,343	265,031	PTD Ratio error due to error in Other Production data
Laboratory Equipment	1,933,221	2,168,540	235,319	PTD Ratio error due to error in Other Production data

Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Northwestern

2004

Account Description	Total Production & Transmission	2007 - Final Proposal		Notes
		Total Production & Transmission	Differential Exchange Cost	
Power Operated Equipment	1,016,193	1,016,193	-	
Communication Equipment	8,414,444	9,438,683	1,024,239	PTD Ratio error due to error in Other Production data
Miscellaneous Equipment	97,744	-	(97,744)	PTD Ratio error due to error in Other Production data
		-		
Total General Plant	28,355,526	30,477,292	2,121,766	
Total Electric Plant In-Service	736,336,825	913,806,257	177,469,432	
<i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>				
LESS:				
Depreciation Reserve				
Steam (Production) Plant	111,266,091	111,266,091	-	
Nuclear (Production) Plant	-	-	-	
Hydraulic (Production) Plant - Conventional	-	-	-	
Hydraulic (Production) Plant - Pumped Storage	-	-	-	
Other (Production) Plant	17,079,412	17,079,412	-	
Transmission Plant	194,401,353	194,401,353	-	
Distribution Plant	-	-	-	
General Plant	15,534,195	15,339,390	(194,805)	GP Ratio error due to error in Other Production data
	-	-		
Accumulated Provision for Depreciation, Amortization, & Depletion (In-Servic	-	-	-	Account was not included In O7 Rate Case
Accumulated Provision for Depreciation, Amortization, & Depletion (Amortiza	-	-	-	Account was not included In O7 Rate Case
Amortization of Plant Acquisition Adjustments (Electric)	889,879	-	(889,879)	Account was not included In O7 Rate Case
Amortization Reserve				
Total Depreciation and Amortization	339,170,931	338,086,246	(1,084,684)	
Total Net Plant	397,165,894	575,720,011	178,554,117	
<i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>				

Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Northwestern

2004

Account Description	Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Cash Working Capital	13,201,986	-	(13,201,986)	Error in Calculation in 07 Rate Case
UTILITY PLANT				
(Utility Plant) Held For Future Use	61,784,877	95,125	(61,689,753)	PTDG Ratio error due to error in Other Production data
(Utility Plant) Completed Construction - Not Classified	-	-	-	
(Utility Plant) In Service (Classified) COMMON	-	-	-	
Nuclear Fuel	-	-	-	
Construction Work in Progress (CWIP) - ELECTRIC	-	-	-	
Acquisition Adjustments (Electric)	1,050,349	-	(1,050,349)	Data Not included in 07 Rate Case
Total	62,835,227	95,125	(62,740,102)	
OTHER PROPERTY AND INVESTMENTS				
Other Investment	-	-	-	
Long-Term Portion of Derivative Assets (175)	-	-	-	
Long-Term Portion of Derivative Assets – Hedges (176)	-	-	-	
Total	-	-	-	
CURRENT AND ACCRUED ASSETS				
Fuel Stock	2,768,454	2,768,454	-	
Fuel Stock Expenses Undistributed (152)	-	-	-	
Plant Materials and Operating Supplies	5,914,349	12,568,326	6,653,977	PTDG Ratio error due to error in Other Production data
Other Materials and Supplies	-	-	-	
Stores Expense Undistributed	-	-	-	
Prepayments (165)	-	-	-	
Derivative Instrument Assets (175)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Assets (175)	-	-	-	
Derivative Instrument Assets - Hedges (176)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges (176)	-	-	-	
Total	8,682,803	15,336,780	6,653,977	
DEFERRED DEBITS				
Unamortized Debt Expenses (181)	5,999,042	-	(5,999,042)	PTDG Ratio error due to error in Other Production data
Extraordinary Property Losses (182.1)	-	-	-	
Unrecovered Plant and Regulatory Study Costs (182.2)	-	-	-	

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	2007 - Final Proposal			Notes
	Total Production & Transmission	Total Production & Transmission	Differential Exchange Cost	
Other Regulatory Assets (182.3)	61,107,266	88,767,431	27,660,165	PTDG Ratio error due to error in Other Production data
Prelim. Survey and Investigation Charges (Electric) (183)	-	-	-	
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-	
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-	
Clearing Accounts (184)	9,834	-	(9,834)	PTDG Ratio error due to error in Other Production data
Temporary Facilities (185)	35	-	(35)	Data Error
Miscellaneous Deferred Debits (186)	716,165	473,091	(243,075)	PTDG Ratio error due to error in Other Production data
Deferred Losses from Disposition of Utility Plant. (187)	-	-	-	
Research, Development, and Demonstration Expenditures (188)	-	-	-	
Unamortized Loss on Reacquired Debt (189)	1,001,509	-	(1,001,509)	Data Error
Accumulated Deferred Income Taxes (190)	-	-	-	
Unrecovered Purchased Gas Costs (191)	-	-	-	
Total	68,833,852	89,240,521	20,406,669	
Total Assets and Other Debits	153,553,868	104,672,426	(48,881,442)	
LESS:				
Liabilities and Other Credits (Comparative Balance Sheet)				
OTHER NONCURRENT LIABILITIES				
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	
Long-Term Portion of Derivative Instrument Liabilities - Hedges	-	-	-	
Total	-	-	-	
CURRENT AND ACCRUED LIABILITIES				
Derivative Instrument Liabilities (244)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Liabilities	-	-	-	
Derivative Instrument Liabilities - Hedges (245)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges	-	-	-	
Total	-	-	-	
DEFERRED CREDITS				
Customer Advances for Construction (252)	-	-	-	
Accumulated Deferred Investment Tax Credits (255)	-	-	-	

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Account Description	Northwestern		Differential Exchange Cost	Notes
	2004	2007 - Final Proposal		
Account Description	Total Production & Transmission	Total Production & Transmission		
Deferred Gains from Disposition of Utility Plant (256)	-	-	-	
Other Deferred Credits (253)	47,254,692	-	(47,254,692)	Data Error
Other Regulatory Liabilities (254)	15,969,486	11,474,393	(4,495,093)	PTDG Ratio error due to error in Other Production data
Unamortized Gain on Reacquired Debt (257)	-	-	-	
Accumulated. Deferred Income Taxes-Accelerated. Amort.(281)	-	-	-	
Accumulated. Deferred Income Taxes-Property (282)	-	-	-	
Accumulated. Deferred Income Taxes-Other (283)	-	-	-	
Total	63,224,178	11,474,393	(51,749,785)	
Total Liabilities and Other Credits	63,224,178	11,474,393	(51,749,785)	
Total Rate Base	487,495,584	668,918,044	181,422,460	
<i>(Total Net Plant + Debits - Credits)</i>				
Schedule 2: Long Term Debt				
Long Term Debt				
Interest for Year				
Rate of Return				
<i>(Interest for Year / Long Term Debt)</i>				
Schedule 3: Expenses				
Power Production Expenses:				
Steam Power Generation				
Steam - Fuel	32,252,303	32,252,303	-	
Steam - Operation (less fuel)	41,471,873	41,471,873	-	
Steam - Maintenance	6,947,065	6,947,065	-	
Nuclear Power Generation				
Nuclear - Fuel	-	-	-	
Nuclear - Operation (less fuel)	-	-	-	
Nuclear - Maintenance	-	-	-	

Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Northwestern
2004

Account Description	Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Hydraulic Power Generation				
Hydraulic - Operation	-	-	-	
Hydraulic - Maintenance	-	-	-	
Other Power Generation				
Other Power - Fuel	389,309	389,309	-	
Other Power - Operations (less fuel)	396,612	396,612	-	
Other Power - Maintenance	183,969	183,969	-	
Other Power Supply Expenses				
Purchased Power	262,964,290	262,964,290	-	
System Control and Load Dispatching	169,418	169,418	-	
Other Expenses	4,309,979	4,309,979	-	
BPA REP Reversal	-			
Total Production Expense	349,084,818	349,084,818	-	
Transmission Expenses:				
Transmission of Electricity to Others (Wheeling)	11,336,121	11,336,121	-	
Total Operations less Wheeling	8,077,758	8,077,758	-	
Total Maintenance	5,723,830	5,723,830	-	
Total Transmission Expense	25,137,709	25,137,709	-	
Distribution Expense:				
Total Operations	-	-	-	
Total Maintenance	-	-	-	
Total Distribution Expense	-	-	-	
Customer and Sales Expenses:				
Total Customer Accounts	-	-	-	
Total Customer Service and Information	-	-	-	
Total Sales	-	-	-	
Total Customer and Sales Expenses	-	-	-	

Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

Northwestern

2004

Account Description	Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Administration and General Expense:				
 Operation				
Administration and General Salaries	10,323,147	11,579,721	1,256,574	PTD Ratio error due to error in Other Production data
Office Supplies & Expenses	2,378,709	3,579,597	1,200,887	PTDG Ratio error due to error in Other Production data
(Less) Administration Expenses Transferred - Credit	(2,720,911)	(4,094,558)	(1,373,647)	PTDG Ratio error due to error in Other Production data
Outside Services Employed	11,307,415	17,015,944	5,708,529	PTDG Ratio error due to error in Other Production data
Property Insurance	459,431	514,776	55,345	PTDG Ratio error due to error in Other Production data
Injuries and Damages	2,632,301	3,961,213	1,328,912	PTDG Ratio error due to error in Other Production data
Employee Pensions & Benefits	1,281,272	1,928,120	646,848	PTDG Ratio error due to error in Other Production data
Franchise Requirements	-	-	-	
Regulatory Commission Expenses	-	-	-	
(Less) Duplicate Charges - Credit	-	-	-	
General Advertising Expenses	-	-	-	
Miscellaneous General Expenses	-	-	-	
Rents	-	-	-	
 Maintenance				
Maintenance of General Plant	1,337,902	1,501,939	164,037	GPM Ratio error due to error in Other Production data
Total Administration and General Expenses	26,999,265	35,986,750	8,987,485	
Total Operations and Maintenance	401,221,792	410,209,277	8,987,485	
<i>(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration and General Expenses)</i>				
Depreciation and Amortization:				
Intangible Plant	154,676	17,753,486	17,598,810	Error, Amort of Reg Assets not shown in FF1
Steam Production Plant	4,904,077	173,514	18,838	
Nuclear Production Plant	-	4,904,077	-	
Hydraulic Production Plant - Conventional	-	-	-	
Hydraulic Production Plant - Pumped Storage	-	-	-	
Other Production Plant	870,011	870,011	-	

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Transmission Plant	14,625,851	14,625,851	-	
Distribution Plant	-	-	-	
General Plant	1,716,506	1,844,947	128,441	GP Ratio error due to error in Other Production data
Common Plant - Electric	-	-	-	Data Error
Total Depreciation and Amortization	22,271,121	40,171,887	17,900,766	

Schedule 3A Items: Taxes

Taxes Accrued, Prepaid, and Charged During Year

FEDERAL				
Total Federal	1,658,297	2,495,486	837,188	Functionalization error w/labor Taxes in 07 Rate Case
STATE				
Washington		-	-	
Idaho		-	-	
Montana	27,969,689	31,708,091	3,738,402	PTDG Ratio error due to error in Other Production data
Oregon	-	-	-	
California	-	-	-	
Arizona	-	-	-	
Total State	27,969,689	31,708,091	3,738,402	
County & Municipal	-	-	-	
Total County and Municipal	-	-	-	
Total Taxes	29,627,986	34,203,576	4,575,590	

(Total Federal, State and County/Municipal Taxes)

Schedule 3B Items: Other Included Items

Other Included Items:

(Less) Gain from Disposition. of Plant	-	-	-	
Loss from Disposition of Plant	-	-	-	
Total Disposition of Plant	-	-	-	

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Sale for Resale:				
Sales for Resale	91,686,499	91,686,499	-	
Total Sales for Resale	91,686,499	91,686,499	-	
Other Revenues:				
(450) Forfeited Discounts	390,532	-	(390,532)	Incorrect Functionalization in 07 Rate Case
(451) Miscellaneous Service Revenues	120,127	-	(120,127)	Incorrect Functionalization in 07 Rate Case
(453) Sales of Water and Water Power	-	-	-	
(454) Rent from Electric Property	7,484,775	-	(7,484,775)	Incorrect Functionalization in 07 Rate Case
(455) Interdepartmental Rents	-	-	-	Incorrect Functionalization in 07 Rate Case
(456) Other Electric Revenues	1,377,393	43,694,397	42,317,004	Data Error, 07 Rate Case showed only Wheeling Rev.
(456.1) Revenues from Transmission of Electricity of Others	1,693,720		(34,321,570)	Included in Wheeling during 07 Rate Case
(457.1) Regional Control Service Revenues	-		-	
(457.2) Miscellaneous Revenues	-		-	
Total Other Revenues	11,066,547	43,694,397	-	
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>	102,753,046	135,380,896	-	
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>	350,367,854	349,203,844	31,463,840	
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>	386,350,457	49,373,601	13,390,998	
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>	386,350,457	398,577,445	44,854,838	

**Table 9.1.5.3
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**Northwestern
2004**

Account Description	Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
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Schedule 4: Average System Cost

	Revised Forecast 2004 Base Year	2007 Final Proposal 2004 Base Year	Differential
Total Production and Transmission Costs	386,350,457	398,577,445	
Total Retail Load (MWH)	6,535,574	6,535,574	
Distribution Losses	326,779	326,779	
Total Retail Load plus Distribution Losses	6,862,353	6,862,353	
Average System Cost before NLSL Adjustment	\$ 56.30	\$ 58.08	\$ 1.78
NLSL Loads MWh	0		
Cost of Serving NLSL	\$ -		
ASC after NLSL Adjustments	\$ 56.30		
Contract System Cost	\$ 386,350,457		
Contract System Load	6,862,353		
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.			
Average System Cost	\$ 56.30		

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PacifiCorp NW

2004

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Intangible Plant:					
Intangible Plant - Organization	10,554,768	4,576,966	2,134,666	3,843,135	6,711,633
Intangible Plant - Franchises and Consents	47,797,094	20,726,716	9,666,802	17,403,575	30,393,518
Intangible Plant - Miscellaneous	200,889,276	87,113,561	40,629,183	73,146,533	127,742,744
Total Intangible Plant	259,241,138	112,417,243	52,430,651	94,393,243	164,847,895
Production Plant:					
Steam Production	1,861,607,620	1,861,607,620	-	-	1,861,607,620
Nuclear Production	-	-	-	-	-
Hydraulic Production	286,172,195	286,172,195	-	-	286,172,195
Other Production	123,038,503	123,038,503	-	-	123,038,503
Total Production Plant	2,270,818,318	2,270,818,318	-	-	2,270,818,318
Transmission Plant:					
Transmission Plant	1,059,094,492	-	1,059,094,492	-	1,059,094,492
Total Transmission Plant	1,059,094,492	-	1,059,094,492	-	1,059,094,492
Distribution Plant:					
Distribution Plant	1,906,735,119	-	-	1,906,735,119	-
Total Distribution Plant	1,906,735,119	-	-	1,906,735,119	-
General Plant:					
Land and Land Rights	6,365,314	2,760,253	1,287,363	2,317,698	4,047,616
Structures and Improvements	84,587,256	36,680,390	17,107,489	30,799,377	53,787,879
Furniture and Equipment	62,948,259	30,892,254	5,546,542	26,509,463	36,438,796
Transportation Equipment	29,926,577	-	10,686,748	19,239,830	10,686,748
Stores Equipment	9,331,732	4,046,609	1,887,312	3,397,811	5,933,921
Tools and Garage Equipment	20,779,828	9,010,958	4,202,651	7,566,219	13,213,608
Laboratory Equipment	16,698,017	7,240,923	3,377,118	6,079,976	10,618,041
Power Operated Equipment	39,725,711	-	14,186,008	25,539,703	14,186,008
Communication Equipment	112,642,347	48,846,191	22,781,537	41,014,619	71,627,728

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PacifiCorp NW
2004**

<u>Account Description</u>	<u>Total</u>	<u>Production</u>	<u>Transmission</u>	<u>Distribution/ Other</u>	<u>Total Production & Transmission</u>
Miscellaneous Equipment	2,813,850	-	-	2,813,850	-
Mining Plant	115,877,585	115,877,585	-	-	115,877,585
Asset Retirement Costs for General Plant	-	-	-	-	-
Total General Plant	501,696,475	255,355,163	81,062,767	165,278,545	336,417,930
(Less) (102) Electric Plant Sold (See Instr. 8)	90,918	-	-	90,918	-
Total Electric Plant In-Service	5,997,585,541	2,638,590,724	1,192,587,910	2,166,406,907	3,831,178,634
<i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>					
LESS:					
Depreciation Reserve					
Steam (Production) Plant	960,523,133	960,523,133	-	-	960,523,133
Nuclear (Production) Plant	-	-	-	-	-
Hydraulic (Production) Plant - Conventional	97,125,961	97,125,961	-	-	97,125,961
Hydraulic (Production) Plant - Pumped Storage	-	-	-	-	-
Other (Production) Plant	23,708,117	23,708,117	-	-	23,708,117
Transmission Plant	409,873,847	-	409,873,847	-	409,873,847
Distribution Plant	779,923,134	-	-	779,923,134	-
General Plant	199,219,372	72,019,893	41,857,135	85,342,343	113,877,029
Amort. of Intangible	59,408,700	25,761,970	12,015,211	21,631,520	37,777,180
Mining Plant Depr.	73,256,462	73,256,462	-	-	73,256,462
Amort Elec Plt. Acq. Adjust	30,172,412	14,807,301	2,658,573	12,706,538	17,465,874
Amort of Plant held for fut. Use	21,996	9,434	4,460	8,102	13,894
Capital Lease Common	7,579,301	3,286,686	1,532,888	2,759,727	4,819,574
Hydro related	43,064	43,064	-	-	43,064
Leasehold Improvements	223,385	-	-	223,385	-
Amortization Reserve					
Total Depreciation and Amortization	2,641,078,886	1,270,542,022	467,942,115	902,594,749	1,738,484,137

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PacifiCorp NW

2004

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Total Net Plant <i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>	3,356,506,655	1,368,048,702	724,645,795	1,263,812,158	2,092,694,497
Cash Working Capital	56,870,999	23,380,217	7,580,163	25,910,619	30,960,380
UTILITY PLANT					
Property Under Capital Leases	13,920,809	5,970,750	2,822,614	5,127,446	8,793,364
(Utility Plant) Held For Future Use	183,634	79,631	37,139	66,864	116,770
(Utility Plant) Completed Construction - Not Classified	-	-	-	-	-
Nuclear Fuel	N/A				-
Construction Work in Progress (CWIP)	187,277,627	-	-	187,277,627	-
Acquisition Adjustments	68,807,602	33,767,763	6,062,825	28,977,014	39,830,588
Total Other Utility Plant	270,189,672	39,818,144	8,922,578	221,448,950	48,740,722
OTHER PROPERTY AND INVESTMENTS					
Other Investment	37,513,775	-	-	37,513,775	-
Long-Term Portion of Derivative Assets (175)	105,176,201	-	-	105,176,201	-
Long-Term Portion of Derivative Assets – Hedges (176)	-	-	-	-	-
TOTAL OTHER PROPERTY AND INVESTMENTS	142,689,976	-	-	142,689,976	-
CURRENT AND ACCRUED ASSETS					
Fuel Stock	20,627,326	20,627,326	-	-	20,627,326
Fuel Stock Expenses Undistributed (152)	-	-	-	-	-
Plant Materials and Operating Supplies	44,807,308	19,430,227	9,062,128	16,314,953	28,492,354
Other Materials and Supplies	-	-	-	-	-
Stores Expense Undistributed	-	-	-	-	-
Prepayments (165)	31,399,159	-	-	31,399,159	-
Derivative Instrument Assets (175)	156,434,482	-	-	156,434,482	-
(Less) Long-Term Portion of Derivative Instrument Assets (175)	(105,176,201)	-	-	(105,176,201)	-
Derivative Instrument Assets - Hedges (176)	-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges (176)	-	-	-	-	-
Total Current and Accrued Assets	148,092,074	40,057,552	9,062,128	98,972,394	49,119,680

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PacifiCorp NW

2004

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
DEFERRED DEBITS					
Unamortized Debt Expenses (181)	10,607,079	4,549,464	2,150,714	3,906,901	6,700,178
Extraordinary Property Losses (182.1)	-	-	-	-	-
Unrecovered Plant and Regulatory Study Costs (182.2)	10,228,316	4,435,404	2,068,643	3,724,270	6,504,046
Other Regulatory Assets (182.3)	594,536,434	215,832,249	12,410,344	366,293,842	228,242,592
Prelim. Survey and Investigation Charges (Electric) (183)	1,065,136	-	-	1,065,136	-
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-	-	-
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-	-	-
Clearing Accounts (184)	4,457	2,187	393	1,877	2,580
Temporary Facilities (185)	25,166	-	-	25,166	-
Miscellaneous Deferred Debits (186)	33,650,231	15,925,565	9,155,521	8,569,144	25,081,086
Deferred Losses from Disposition of Utility Plt. (187)	-	-	-	-	-
Research, Development, and Demonstration Expenditures (188)	-	-	-	-	-
Unamortized Loss on Reacquired Debt (189)	15,885,609	6,888,631	3,212,811	5,784,168	10,101,442
Accumulated Deferred Income Taxes (190)	295,077,707	-	-	295,077,707	-
Unrecovered Purchased Gas Costs (191)	-	-	-	-	-
Total Deferred Debits	961,080,135	247,633,499	28,998,426	684,448,209	276,631,925
Total Assets and Other Debits	1,578,922,856	350,889,413	54,563,295	1,173,470,148	405,452,708
LESS:					
Liabilities and Other Credits (Comparative Balance Sheet)					
OTHER NONCURRENT LIABILITIES					
Long-Term Portion of Derivative Instrument Liabilities	235,230,825	-	-	235,230,825	-
Long-Term Portion of Derivative Instrument Liabilities - Hedges	-	-	-	-	-
TOTAL OTHER NONCURRENT LIABILITIES	235,230,825	-	-	235,230,825	-
CURRENT AND ACCRUED LIABILITIES					
Derivative Instrument Liabilities (244)	271,913,118	-	-	271,913,118	-
(Less) Long-Term Portion of Derivative Instrument Liabilities	(235,230,825)	-	-	(235,230,825)	-
Derivative Instrument Liabilities - Hedges (245)	-	-	-	-	-

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PacifiCorp NW
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges	-	-	-	-	-
TOTAL CURRENT AND ACCRUED LIABILITIES	36,682,293	-	-	36,682,293	-
DEFERRED CREDITS					
Customer Advances for Construction (252)	2,631,671	-	-	2,631,671	-
Accumulated Deferred Investment Tax Credits (255)	53,606,607	-	-	53,606,607	-
Deferred Gains from Disposition of Utility Plant (256)	-	-	-	-	-
Other Deferred Credits (253)	26,234,335	11,376,248	5,305,806	9,552,280	16,682,055
Other Regulatory Liabilities (254)	70,830,613	30,714,964	14,325,254	25,790,395	45,040,218
Unamortized Gain on Reacquired Debt (257)	98,488	42,242	19,970	36,276	62,212
Accum. Deferred Income Taxes-Accel. Amort.(281)	372,240	-	-	372,240	-
Accum. Deferred Income Taxes-Property (282)	760,323,929	-	-	760,323,929	-
Accum. Deferred Income Taxes-Other (283)	138,443,760	-	-	138,443,760	-
TOTAL DEFERRED CREDITS	1,052,541,642	42,133,455	19,651,030	990,757,157	61,784,485
Total Liabilities and Other Credits	1,324,454,759	42,133,455	19,651,030	1,262,670,275	61,784,485
Total Rate Base	3,610,974,752	1,676,804,660	759,558,060	1,174,612,032	2,436,362,720

(Total Net Plant + Debits - Credits)

Schedule 2: Long Term Debt

Long Term Debt

3,933,071,649

Interest for Year

229,563,698

Rate of Return

5.84%

(Interest for Year / Long Term Debt)

Schedule 3: Expenses

Power Production Expenses:

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PacifiCorp NW
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Steam Power Generation					
Steam - Fuel	183,780,767	183,780,767	-	-	183,780,767
Steam - Operation	40,983,240	40,983,240	-	-	40,983,240
Steam - Maintenance	65,783,374	65,783,374	-	-	65,783,374
Nuclear Power Generation					
Nuclear - Fuel	-	-	-	-	-
Nuclear - Operation	-	-	-	-	-
Nuclear - Maintenance	-	-	-	-	-
Hydraulic Power Generation					
Hydraulic - Operation	11,214,293	11,214,293	-	-	11,214,293
Hydraulic - Maintenance	3,783,731	3,783,731	-	-	3,783,731
Other Power Generation					
Other Power - Fuel	28,885,651	28,885,651	-	-	28,885,651
Other Power - Operations	12,475,420	12,475,420	-	-	12,475,420
Other Power - Maintenance	327,132	327,132	-	-	327,132
Other Power Supply Expenses					
Purchased Power	160,930,886	160,930,886	-	-	160,930,886
System Control and Load Dispatching	773,643	773,643	-	-	773,643
Other Expenses	15,478,333	15,478,333	-	-	15,478,333
REP Benefit Addition to Purchased Power	119,155,920	119,155,920	-	-	119,155,920
Total Production Expense	643,572,389	643,572,389	-	-	643,572,389
Transmission Expenses:					
Transmission of Electricity to Others (Wheeling)	33,680,478	-	33,680,478	-	33,680,478
Total Operations less Wheeling	5,478,968	-	5,478,968	-	5,478,968
Total Maintenance	6,340,115	-	6,340,115	-	6,340,115
Total Transmission Expense	45,499,561	-	45,499,561	-	45,499,561

Distribution Expense:

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PacifiCorp NW

2004

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Total Operations	40,140,230	-	-	40,140,230	-
Total Maintenance	54,908,322	-	-	54,908,322	-
Total Distribution Expense	95,048,552	-	-	95,048,552	-
Customer and Sales Expenses:					
Total Customer Accounts	38,704,114	-	-	38,704,114	-
Total Customer Service and Information	16,860,656	-	-	16,860,656	-
Total Sales	-	-	-	-	-
Total Customer and Sales Expenses	55,564,770	-	-	55,564,770	-
Administration and General Expense:					
Operation					
Administration and General Salaries	48,950,541	21,226,897	9,900,083	17,823,561	31,126,980
Office Supplies & Expenses	7,246,416	3,556,224	638,501	3,051,690	4,194,726
(Less) Administration Expenses Transferred - Credit	(11,321,044)	(5,555,874)	(997,528)	(4,767,643)	(6,553,402)
Outside Services Employed	16,170,311	7,935,682	1,424,810	6,809,819	9,360,492
Property Insurance	13,817,482	5,926,432	2,801,663	5,089,387	8,728,095
Injuries and Damages	5,282,354	2,592,348	465,443	2,224,563	3,057,791
Employee Pensions & Benefits	14,004	6,872	1,234	5,897	8,106
Franchise Requirements	-	-	-	-	-
Regulatory Commission Expenses	3,632,128	-	-	3,632,128	-
(Less) Duplicate Charges - Credit	(6,760,318)	(3,317,669)	(595,670)	(2,846,980)	(3,913,339)
General Advertising Expenses	1,120,236	-	-	1,120,236	-
Miscellaneous General Expenses	18,190,372	-	-	18,190,372	-
Rents	2,992,528	-	-	2,992,528	-
Maintenance					
Maintenance of General Plant	8,700,937	3,851,653	1,503,211	3,346,073	5,354,864
Total Administration and General Expenses	108,035,947	36,222,567	15,141,746	56,671,634	51,364,313
Total Operations and Maintenance	947,721,219	679,794,956	60,641,307	207,284,955	740,436,264

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PacifiCorp NW
2004**

<u>Account Description</u>	<u>Total</u>	<u>Production</u>	<u>Transmission</u>	<u>Distribution/ Other</u>	<u>Total Production & Transmission</u>
Depreciation of Regulatory Assets					
Depreciation and Amortization:					
Intangible Plant	23,578,303	10,224,488	4,768,633	8,585,183	14,993,121
Steam Production Plant	58,386,376	58,386,376	-	-	58,386,376
Nuclear Production Plant	-	-	-	-	-
Hydraulic Production Plant - Conventional	5,528,441	5,528,441	-	-	5,528,441
Hydraulic Production Plant - Pumped Storage	-	-	-	-	-
Other Production Plant	4,224,676	4,224,676	-	-	4,224,676
Transmission Plant	22,563,479	-	22,563,479	-	22,563,479
Distribution Plant	56,227,771	-	-	56,227,771	-
General Plant	19,321,198	6,984,816	4,059,495	8,276,887	11,044,310
Total Depreciation and Amortization	189,830,245	85,348,797	31,391,607	73,089,841	116,740,403

Schedule 3A Items: Taxes (Including Income Taxes)

Taxes Accrued, Prepaid, and Charged During Year

Total Federal	63,575,243	97,656	15,671	63,461,917	113,326
Total Arizona	877,022	350,529	166,139	360,353	516,669
Total California	1,179,071	293,675	138,637	746,758	432,313
Total Colorado	1,012,931	425,954	203,040	383,938	628,994
Total Idaho	1,660,653	537,327	255,549	867,777	792,876
Total Montana	1,194,450	443,850	210,370	540,230	654,220
Total Nevada	28	12	2	15	13
Total New Mexico	3,595	1,543	736	1,316	2,279
Total Oregon	19,830,558	2,663,051	1,156,169	16,011,339	3,819,219
Total Texas	587	242	38	306	281

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PacifiCorp NW

2004

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Total Utah	20,591,569	8,902,476	4,246,720	7,442,374	13,149,196
Total Washington	14,161,229	242	38	14,160,948	281
Total Washington DC	207	85	13	108	99
Total Wyoming	3,980,859	1,224,888	579,714	2,176,257	1,804,603
Total Miscellaneous	103,493	-	-	103,493	-
Total Taxes	128,171,495	14,941,532	6,972,835	106,257,128	21,914,367
<i>(Total Federal, State and County/Municipal Taxes)</i>					
<u>Schedule 3B Items: Other Included Items</u>					
Other Included Items:					
(Less) Gain from Disp. of Plant	-	-	-	-	-
Loss from Disposition of Plant	-	-	-	-	-
Total Disposition of Plant	-	-	-	-	-
Sale from Resale:					
Nonfirm Sales for Resale	114,848,361	143,560,451	-	-	143,560,451
Total Sales from Resale	114,848,361	143,560,451	-	-	143,560,451
Other Revenues:					
(450) Forfeited Discounts	2,679,096	2,679,096	-	-	2,679,096
(451) Miscellaneous Service Revenues	2,184,420	2,184,420	-	-	2,184,420
(453) Sales of Water and Water Power	72,431	72,431	-	-	72,431
(454) Rent from Electric Property	7,114,962	7,114,962	-	-	7,114,962
(455) Interdepartmental Rents	-	-	-	-	-
(456) Other Electric Revenues	33,555,805	-	33,555,805	-	33,555,805
(456.1) Revenues from Transmission of Electricity of Others	20,514,773	-	20,514,773	-	20,514,773
(457.1) Regional Control Service Revenues	-	-	-	-	-
(457.2) Miscellaneous Revenues	-	-	-	-	-
Total Other Revenues	66,121,488	12,050,910	54,070,578	-	66,121,488

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PacifiCorp NW
2004**

Account Description	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>	180,969,849	126,899,271	54,070,578	-	180,969,849
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>	1,084,753,110	653,186,014	44,935,171	386,631,925	698,121,185
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>	210,763,696	97,870,955	44,333,532	68,559,209	142,204,487
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>	1,295,516,806	751,056,969	89,268,703	455,191,134	840,325,672

Schedule 4: Average System Cost

**Revised Forecast
2004 Base Year**

Total Production and Transmission Costs	840,325,672
Total Retail Load (MWh)	20,456,769
Distribution Losses	1,022,838
Total Retail Load plus Distribution Losses	21,479,607
Average System Cost before NLSL Adjustment	\$ 39.12
NLSL Loads MWh	0
Cost of Serving NLSL	\$ -
ASC after NLSL Adjustments	\$ 39.12
Contract System Cost	\$ 840,325,672
Contract System Load	21,479,607
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.	
Average System Cost	\$ 39.12

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW			
		2004			
(1)	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes	
Account Description					
Intangible Plant:					
Intangible Plant - Organization	6,711,633	6,871,449	159,816	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Intangible Plant - Franchises and Consents	30,393,518	34,197,680	3,804,162	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Intangible Plant - Miscellaneous	127,742,744	135,088,160	7,345,417	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Total Intangible Plant	164,847,895	176,157,289	11,309,394		
Production Plant:					
Steam Production	1,861,607,620	1,878,885,574	17,277,955	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Nuclear Production	-	-	-		
Hydraulic Production	286,172,195	287,232,723	1,060,528	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Other Production	123,038,503	123,738,849	700,346	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Total Production Plant	2,270,818,318	2,289,857,146	19,038,829		
Transmission Plant:					
Transmission Plant	1,059,094,492	1,069,441,419	10,346,927	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Total Transmission Plant	1,059,094,492	1,069,441,419	10,346,927		
Distribution Plant:					
Distribution Plant	-	-	-	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Total Distribution Plant	-	-	-		
General Plant:					
Land and Land Rights	4,047,616	3,877,766	(169,850)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Structures and Improvements	53,787,879	55,500,204	1,712,325	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Furniture and Equipment	36,438,796	28,757,312	(7,681,484)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Transportation Equipment	10,686,748	11,551,483	864,735	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Stores Equipment	5,933,921	2,955,259	(2,978,662)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Tools and Garage Equipment	13,213,608	14,202,955	989,346	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Laboratory Equipment	10,618,041	9,138,039	(1,480,001)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Power Operated Equipment	14,186,008	15,203,342	1,017,334	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW			
		2004			
(1)	Revised Forecast	2007 - Final Proposal	Differential		
Account Description	Total Production & Transmission	Total Production & Transmission	Exchange Cost		Notes
Communication Equipment	71,627,728	58,559,970	(13,067,758)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Miscellaneous Equipment	-	1,462,851	1,462,851		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Mining Plant	115,877,585	124,071,871	8,194,286		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Asset Retirement Costs for General Plant	-	-	-		
Total General Plant	336,417,930	325,281,052	(11,136,878)		
(Less) (102) Electric Plant Sold (See Instr. 8)	-	-	-		
Total Electric Plant In-Service	3,831,178,634	3,860,736,906	29,558,272		
<i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>					
LESS:					
Depreciation Reserve					
Steam (Production) Plant	960,523,133	923,608,563	(36,914,570)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Nuclear (Production) Plant	-	-	-		
Hydraulic (Production) Plant - Conventional	97,125,961	135,064,410	37,938,449		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Hydraulic (Production) Plant - Pumped Storage	-	-	-		
Other (Production) Plant	23,708,117	23,843,066	134,949		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Transmission Plant	409,873,847	402,564,472	(7,309,376)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Distribution Plant	-	-	-		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
General Plant	113,877,029	123,077,133	9,200,104		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Amort. of Intangible	37,777,180	53,809,147	16,031,967		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Mining Plant Depr.	73,256,462	67,369,691	(5,886,771)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Amort Elec Plt. Acq. Adjust	17,465,874	-	(17,465,874)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Amort of Plant held for fut. Use	13,894	-	(13,894)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Capital Lease Common	4,819,574	6,287,596	1,468,022		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Hydro related	43,064	44,000	936		
Leasehold Improvements	-	-	-		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Amortization Reserve					

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
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CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW		
		2004		
(1)	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Account Description				
Total Depreciation and Amortization	1,738,484,137	1,735,668,079	(2,816,058)	
Total Net Plant <i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>	2,092,694,497	2,125,068,828	32,374,331	
Cash Working Capital	30,960,380	100,196,296	69,235,916	CWC is a internal model calculation
UTILITY PLANT				
Property Under Capital Leases	8,793,364	-	(8,793,364)	Account data was not included in 07 Rate Case model
(Utility Plant) Held For Future Use	116,770	720,840	604,069	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
(Utility Plant) Completed Construction - Not Classified	-	-	-	
Nuclear Fuel	-	-	-	
Construction Work in Progress (CWIP)	-	-	-	
Acquisition Adjustments	39,830,588	-	(39,830,588)	Account data was not included in 07 Rate Case model
Total Other Utility Plant	48,740,722	720,840	(48,019,883)	
OTHER PROPERTY AND INVESTMENTS				
Other Investment	-	-	-	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Long-Term Portion of Derivative Assets (175)	-	-	-	Data was not incl in 07 Rate Case
Long-Term Portion of Derivative Assets – Hedges (176)	-	-	-	Data was not incl in 07 Rate Case
TOTAL OTHER PROPERTY AND INVESTMENTS	-	-	-	
CURRENT AND ACCRUED ASSETS				
Fuel Stock	20,627,326	21,424,513	797,187	Data Input & Juris Allocation diff: 07 Rate case used 02 data
Fuel Stock Expenses Undistributed (152)	-	-	-	
Plant Materials and Operating Supplies	28,492,354	26,786,531	(1,705,823)	Data Input & Juris Allocation diff: 07 Rate case used 02 data
Other Materials and Supplies	-	-	-	
Stores Expense Undistributed	-	-	-	
Prepayments (165)	-	-	-	Data Input & Juris Allocation diff: 07 Rate case used 02 data
Derivative Instrument Assets (175)	-	-	-	Data was not included in 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Assets (175)	-	-	-	Data was not included in 07 Rate Case

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW			
		2004			
(1)	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes	
<u>Account Description</u>					
Derivative Instrument Assets - Hedges (176)	-	-	-	Data was not included in 07 Rate Case	
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges (17)	-	-	-	Data was not included in 07 Rate Case	
Total Current and Accrued Assets	49,119,680	48,211,045	(908,635)		
DEFERRED DEBITS					
Unamortized Debt Expenses (181)	6,700,178	-	(6,700,178)	Data not included in 07 Rate Case	
Extraordinary Property Losses (182.1)	-	-	-		
Unrecovered Plant and Regulatory Study Costs (182.2)	6,504,046	7,419,093	915,047	Data was not included in 07 Rate Case	
Other Regulatory Assets (182.3)	228,242,592	138,794,964	(89,447,629)	Data was not included in 07 Rate Case	
Prelim. Survey and Investigation Charges (Electric) (183)	-	-	-	Data not included in 07 Rate Case	
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-		
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-		
Clearing Accounts (184)	2,580	-	(2,580)	Data not included in 07 Rate Case	
Temporary Facilities (185)	-	-	-	Data not included in 07 Rate Case	
Miscellaneous Deferred Debits (186)	25,081,086	24,188,623	(892,464)	Def. Assets used Pac's 2002 Results of Ops. 04 data from FF1	
Deferred Losses from Disposition of Utility Plt. (187)	-	-	-		
Research, Development, and Demonstration Expenditures (188)	-	-	-		
Unamortized Loss on Reacquired Debt (189)	10,101,442	-	(10,101,442)	Data not included in 07 Rate Case	
Accumulated Deferred Income Taxes (190)	-	-	-	Data Input & Juris Allocation diff: 07 Rate case used 02 data	
Unrecovered Purchased Gas Costs (191)	-	-	-		
Total Deferred Debits	276,631,925	170,402,680	(106,229,246)		
Total Assets and Other Debits	405,452,708	319,530,860	(85,921,848)		
LESS:					
Liabilities and Other Credits (Comparative Balance Sheet)					
OTHER NONCURRENT LIABILITIES					
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	Data was not included in 07 Rate Case	
Long-Term Portion of Derivative Instrument Liabilities - Hedges	-	-	-	Data was not included in 07 Rate Case	
TOTAL OTHER NONCURRENT LIABILITIES	-	-	-		

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW			
		2004			
(1)	Revised Forecast	2007 - Final Proposal	Differential		
Account Description	Total Production & Transmission	Total Production & Transmission	Exchange Cost		Notes
CURRENT AND ACCRUED LIABILITIES					
Derivative Instrument Liabilities (244)	-	-	-		Data was not included in 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Liabilities	-	-	-		Data was not included in 07 Rate Case
Derivative Instrument Liabilities - Hedges (245)	-	-	-		Data was not included in 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges	-	-	-		Data was not included in 07 Rate Case
TOTAL CURRENT AND ACCRUED LIABILITIES	-	-	-		
DEFERRED CREDITS					
Customer Advances for Construction (252)	-	-	-		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Accumulated Deferred Investment Tax Credits (255)	-	-	-		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Deferred Gains from Disposition of Utility Plant (256)	-	-	-		
Other Deferred Credits (253)	16,682,055	16,618,994	(63,061)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Other Regulatory Liabilities (254)	45,040,218	35,007,717	(10,032,501)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Unamortized Gain on Reacquired Debt (257)	62,212	61,449	(763)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Accum. Deferred Income Taxes-Accel. Amort.(281)	-	-	-		Data not included in 07 Rate Case
Accum. Deferred Income Taxes-Property (282)	-	-	-		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Accum. Deferred Income Taxes-Other (283)	-	-	-		Data not included in 07 Rate Case
TOTAL DEFERRED CREDITS	61,784,485	51,688,160	(10,096,324)		
Total Liabilities and Other Credits	61,784,485	51,688,160	(10,096,324)		
Total Rate Base	2,436,362,720	2,392,911,527	(43,451,193)		
<i>(Total Net Plant + Debits - Credits)</i>					
Schedule 2: Long Term Debt					
Long Term Debt	3,933,071,649	3,928,131,465	(4,940,184)		Incorrect Data in 07 Rate Case
Interest for Year	229,563,698	255,776,246	26,212,548		Incorrect Data in 07 Rate Case
Rate of Return	5.84%	6.51%	0.67%		
<i>(Interest for Year / Long Term Debt)</i>					

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW			
		2004			
(1)	Revised Forecast	2007 - Final Proposal			
Account Description	Total Production & Transmission	Total Production & Transmission	Differential Exchange Cost	Notes	
<u>Schedule 3: Expenses</u>					
Power Production Expenses:					
Steam Power Generation					
Steam - Fuel	183,780,767	171,900,831	(11,879,936)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Steam - Operation	40,983,240	36,198,907	(4,784,333)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Steam - Maintenance	65,783,374	57,969,266	(7,814,108)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Nuclear Power Generation					
Nuclear - Fuel	-	-	-		
Nuclear - Operation	-	-	-		
Nuclear - Maintenance	-	-	-		
Hydraulic Power Generation					
Hydraulic - Operation	11,214,293	13,622,691	2,408,398	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Hydraulic - Maintenance	3,783,731	18,220,223	14,436,493	Data Error in 07 Rate Case	
Other Power Generation					
Other Power - Fuel	28,885,651	30,012,468	1,126,817	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Other Power - Operations	12,475,420	12,707,800	232,380	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Other Power - Maintenance	327,132	328,833	1,700	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Other Power Supply Expenses					
Purchased Power	160,930,886	539,450,355	378,519,469	Book outs removed in 07 Rate case and left in for 04 lookback	
System Control and Load Dispatching	773,643	-	(773,643)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Other Expenses	15,478,333	-	(15,478,333)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
REP Benefit Addition to Purchased Power	119,155,920	119,155,920	-		
Total Production Expense	643,572,389	999,567,295	355,994,905		
Transmission Expenses:					
Transmission of Electricity to Others (Wheeling)	33,680,478	34,230,857	550,380	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW			
		2004			
(1)	Revised Forecast	2007 - Final Proposal	Differential		
Account Description	Total Production & Transmission	Total Production & Transmission	Exchange Cost		Notes
Total Operations less Wheeling	5,478,968	5,553,743	74,775		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Total Maintenance	6,340,115	6,425,369	85,254		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Total Transmission Expense	45,499,561	46,209,970	710,409		
Distribution Expense:					
Total Operations	-	-	-		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Total Maintenance	-	-	-		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Total Distribution Expense	-	0	0		
Customer and Sales Expenses:					
Total Customer Accounts	-	-	-		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Total Customer Service and Information	-	-	-		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Total Sales	-	-	-		
Total Customer and Sales Expenses	-	0	0		
Administration and General Expense:					
Operation					
Administration and General Salaries	31,126,980	31,115,403	(11,577)		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Office Supplies & Expenses	4,194,726	4,393,284	198,559		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
(Less) Administration Expenses Transferred - Credit	(6,553,402)	-	6,553,402		Data not included and incorrect functionalization in 07Rate Case
Outside Services Employed	9,360,492	10,229,617	869,125		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Property Insurance	8,728,095	8,758,212	30,117		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Injuries and Damages	3,057,791	3,349,198	291,407		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Employee Pensions & Benefits	8,106	-	(8,106)		Incorrect Functionalization & Data and Data Not included
Franchise Requirements	-	-	-		
Regulatory Commission Expenses	-	-	-		
(Less) Duplicate Charges - Credit	(3,913,339)	-	3,913,339		Data not included
General Advertising Expenses	-	-	-		
Miscellaneous General Expenses	-	12,029,022	12,029,022		Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Rents	-	1,891,751	1,891,751		Data Input & Juris. Allocation diff: 07 Rate case used 02 data

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW 2004			
(1)	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes	
<u>Account Description</u>					
Maintenance					
Maintenance of General Plant	5,354,864	5,095,833	(259,031)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data	
Total Administration and General Expenses	51,364,313	76,862,322	25,498,008		
Total Operations and Maintenance	740,436,264	1,122,639,586	382,203,323		

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	PacifiCorp NW			
	2004			
(1)	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Account Description				
Depreciation of Regulatory Assets		3,503,149	3,503,149	Reg Asset Depr included in Error. Value is not evident in FF1
Depreciation and Amortization:		-	-	
Intangible Plant	14,993,121	14,834,860	(158,260)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Steam Production Plant	58,386,376	56,770,493	(1,615,883)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Nuclear Production Plant	-	-	-	
Hydraulic Production Plant - Conventional	5,528,441	6,946,303	1,417,862	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Hydraulic Production Plant - Pumped Storage	-	-	-	
Other Production Plant	4,224,676	4,130,643	(94,033)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Transmission Plant	22,563,479	22,321,733	(241,746)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
Distribution Plant	-	-	-	
General Plant	11,044,310	11,775,438	731,128	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
			-	
Total Depreciation and Amortization	116,740,403	120,282,619	3,542,215	
 <u>Schedule 3A Items: Taxes (Including Income Taxes)</u>				
Taxes Accrued, Prepaid, and Charged During Year				
Total Federal	113,326	1,489,500	1,376,173	Excise Tax on Coal was Dir-P in 07 Rate Case, 04 had Dir-D
Total Arizona	516,669	-	(516,669)	Data was not considered a cost to PNW in 07 Rate Case
Total California	432,313	-	(432,313)	Data was not considered a cost to PNW in 07 Rate Case
Total Colorado	628,994	-	(628,994)	Data was not considered a cost to PNW in 07 Rate Case
Total Idaho	792,876	-	(792,876)	Data was consolidated into Oregon
Total Montana	654,220	-	(654,220)	Data was consolidated into Oregon
Total Nevada	13	-	(13)	Data was not considered a cost to PNW in 07 Rate Case
Total New Mexico	2,279	-	(2,279)	Oregon included Mont. & Nev.
Total Oregon	3,819,219	14,898,658	11,079,438	Data was not considered a cost to PNW in 07 Rate Case

Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW		
		2004		
(1)	Revised Forecast	2007 - Final Proposal	Differential	
Account Description	Total Production & Transmission	Total Production & Transmission	Exchange Cost	Notes
Total Texas	281	-	(281)	Data was not considered a cost to PNW in 07 Rate Case
Total Utah	13,149,196	-	(13,149,196)	State Unempl Tax Functionalized incorrectly in 07 Rate Case
Total Washington	281	2,154,969	2,154,689	Data was not considered a cost to PNW in 07 Rate Case
Total Washington DC	99	-	(99)	Data was not considered a cost to PNW in 07 Rate Case
Total Wyoming	1,804,603	-	(1,804,603)	Data was not considered a cost to PNW in 07 Rate Case
Total Miscellaneous	-	-	-	
Total Taxes	21,914,367	18,543,127	(3,371,240)	
<i>(Total Federal, State and County/Municipal Taxes)</i>				
<u>Schedule 3B Items: Other Included Items</u>				
Other Included Items:				
(Less) Gain from Disp. of Plant	-	-	-	
Loss from Disposition of Plant	-	-	-	
Total Disposition of Plant	-	0	0	
Nonfirm Sales for Resale	114,848,361	452,031,612	308,471,160	Bookouts excluded and 80% factor used in 07 Rate Case
Total Sales from Resale	114,848,361	452,031,612	308,471,160	
Other Revenues:				
(450) Forfeited Discounts	2,679,096	-	(2,679,096)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
(451) Miscellaneous Service Revenues	2,184,420	-	(2,184,420)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
(453) Sales of Water and Water Power	72,431	75,709	3,277	Jurisdictional Allocation differences : 07 Rate Case used 02 Data
(454) Rent from Electric Property	7,114,962	-	(7,114,962)	Data Input & Juris. Allocation diff: 07 Rate case used 02 data
(455) Interdepartmental Rents	-	-	-	
(456) Other Electric Revenues	33,555,805	57,981,421	24,425,616	07 Rate Case consolidated Wheeling and Oth Rev. .
(456.1) Revenues from Transmission of Electricity of Others	20,514,773	-	(20,514,773)	04 Backcast split out Wheeling
(457.1) Regional Control Service Revenues	-	-	-	
(457.2) Miscellaneous Revenues	-	-	-	

**Table 9.1.5.4
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS		PacifiCorp NW 2004			
(1)	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost		Notes
Account Description					
Total Other Revenues	66,121,488	58,057,129	(8,064,358)		
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>	180,969,849	510,088,741	300,406,802		
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>	698,121,185	751,376,591	81,967,496		
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>	142,204,487	155,811,976	13,607,490		
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>	840,325,672	907,188,567	95,574,985		
 Schedule 4: Average System Cost					
	Revised Forecast 2004 Base Year	2007 Final Proposal 2004 Base Year	Differential		
Total Production and Transmission Costs	840,325,672	907,188,567			
Total Retail Load (MWh)	20,456,769	21,487,128			Load Forecast Error
Distribution Losses	1,022,838	1,074,356			
Total Retail Load plus Distribution Losses	21,479,607	22,561,484			
Average System Cost before NLSL Adjustment	\$ 39.12	\$ 40.21	\$ 1.09		
NLSL Loads MWh	0				
Cost of Serving NLSL	\$ -				
ASC after NLSL Adjustments	\$ 39.12				
Contract System Cost	\$ 840,325,672				
Contract System Load	21,479,607				
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.					
Average System Cost	\$ 39.12				

**Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	PGE					Total Production & Transmission
	2004					
(1) Account Description	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other		
<u>Schedule 1: Plant Investment / Rate Base / Rate of Return</u>						
Intangible Plant:						
Intangible Plant - Organization	-	-	-	-	-	-
Intangible Plant - Franchises and Consents	987,545	386,433	79,609	521,502	466,043	466,043
Intangible Plant - Miscellaneous	118,531,365	46,382,160	9,555,215	62,593,990	55,937,375	55,937,375
Total Intangible Plant	119,518,910	46,768,594	9,634,824	63,115,492	56,403,418	56,403,418
Production Plant:						
Steam Production	793,956,896	793,956,896	-	-	793,956,896	793,956,896
Nuclear Production	-	-	-	-	-	-
Hydraulic Production	228,243,155	228,243,155	-	-	228,243,155	228,243,155
Other Production	353,391,186	353,391,186	-	-	353,391,186	353,391,186
Total Production Plant	1,375,591,237	1,375,591,237	-	-	1,375,591,237	1,375,591,237
Transmission Plant:						
Transmission Plant	283,386,323	-	283,386,323	-	283,386,323	283,386,323
Total Transmission Plant	283,386,323	-	283,386,323	-	283,386,323	283,386,323
Distribution Plant:						
Distribution Plant	1,856,397,869	-	-	1,856,397,869	-	-
Total Distribution Plant	1,856,397,869	-	-	1,856,397,869	-	-
General Plant:						
Land and Land Rights	8,493,941	3,323,739	684,725	4,485,477	4,008,464	4,008,464
Structures and Improvements	56,358,316	22,053,407	4,543,235	29,761,674	26,596,642	26,596,642
Furniture and Equipment	41,160,951	13,818,400	1,729,890	25,612,661	15,548,290	15,548,290
Transportation Equipment	33,778,090	-	4,473,465	29,304,625	4,473,465	4,473,465
Stores Equipment	849,857	332,555	68,510	448,792	401,065	401,065
Tools and Garage Equipment	9,302,599	3,640,173	749,914	4,912,512	4,390,087	4,390,087

**Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	PGE					Total Production & Transmission
	2004					
(1) Account Description	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other		
Laboratory Equipment	9,025,684	3,531,814	727,591	4,766,279	4,259,405	
Power Operated Equipment	32,812,856	-	4,345,632	28,467,224	4,345,632	
Communication Equipment	51,094,611	19,993,682	4,118,910	26,982,019	24,112,592	
Miscellaneous Equipment	332,534	130,123	26,807	175,604	156,930	
Total General Plant	243,209,439	66,823,893	21,468,678	154,916,868	88,292,571	
Total Electric Plant In-Service <i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>	3,878,103,778	1,489,183,724	314,489,825	2,074,430,229	1,803,673,549	
LESS:						
Depreciation Reserve						
Steam (Production) Plant	517,308,693	517,308,693	-	-	517,308,693	
Nuclear (Production) Plant	-	-	-	-	-	
Hydraulic (Production) Plant - Conventional	120,231,261	120,231,261	-	-	120,231,261	
Hydraulic (Production) Plant - Pumped Storage	-	-	-	-	-	
Other (Production) Plant	175,103,450	175,103,450	-	-	175,103,450	
Transmission Plant	126,962,195	-	126,962,195	-	126,962,195	
Distribution Plant	900,468,793	-	-	900,468,793	-	
General Plant	95,258,945	37,275,498	7,679,146	50,304,301	44,954,644	
Accum Prov for Depr, Amort, & Depl (In-Service Deprc: Cmmn Plt)	-	-	-	-	-	
Accum Prov for Depr, Amort, & Depl (Amort of Other Util Plt: Electric)	67,384,411	-	-	67,384,411	-	
Amort of Plant Acquisition Adjustments (Electric)	-	-	-	-	-	
Amortization Reserve						
Total Depreciation and Amortization	2,002,717,748	849,918,902	134,641,341	1,018,157,505	984,560,243	
Total Net Plant <i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>	1,875,386,030	639,264,822	179,848,484	1,056,272,725	819,113,305	

**Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Account Description	PGE					Total Production & Transmission
	2004					
(1)	(4)	(5)	(6)	(7)		
Account Description	Total	Production	Transmission	Distribution/ Other		
Assets and Other Debits (Comparative Balance Sheet)						
Cash Working Capital	43,447,577	13,616,456	8,847,142	20,983,979		22,463,597
UTILITY PLANT						
(Utility Plant) Held For Future Use	187,790	73,484	15,138	99,168		88,622
(Utility Plant) Completed Construction - Not Classified	-	-	-	-		-
(Utility Plant) In Service (Classified) COMMON	-	-	-	-		-
Nuclear Fuel	N/A					-
Construction Work in Progress (CWIP) - ELECTRIC	113,698,250	-	-	113,698,250		-
Acquisition Adjustments (Electric)	-	-	-	-		-
Total	113,886,040	73,484	15,138	113,797,418		88,622
OTHER PROPERTY AND INVESTMENTS						
Other Investment	1,822,827	-	-	1,822,827		-
Long-Term Portion of Derivative Assets (175)	-	-	-	-		-
Long-Term Portion of Derivative Assets – Hedges (176)	-	-	-	-		-
Total	1,822,827	-	-	1,822,827		-
CURRENT AND ACCRUED ASSETS						
Fuel Stock	21,122,877	21,122,877	-	-		21,122,877
Fuel Stock Expenses Undistributed (152)	-	-	-	-		-
Plant Materials and Operating Supplies	23,873,618	9,341,915	1,924,533	12,607,169		11,266,449
Other Materials and Supplies	80,560	31,524	6,494	42,542		38,018
Stores Expense Undistributed	2,275,114	890,268	183,405	1,201,441		1,073,673
Prepayments (165)	102,217,970	-	-	102,217,970		-
Derivative Instrument Assets (175)	53,370,354	-	-	53,370,354		-
(Less) Long-Term Portion of Derivative Instrument Assets (175)	-	-	-	-		-
Derivative Instrument Assets - Hedges (176)	23,163,149	-	-	23,163,149		-
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges (176)	-	-	-	-		-
Total	226,103,642	31,386,584	2,114,432	192,602,626		33,501,016
DEFERRED DEBITS						
Unamortized Debt Expenses (181)	19,067,491	7,321,877	1,546,254	10,199,361		8,868,130
Extraordinary Property Losses (182.1)	-	-	-	-		-

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

Account Description	PGE					Total Production & Transmission
	2004					
(1)	(4)	(5)	(6)	(7)		
Account Description	Total	Production	Transmission	Distribution/ Other		
Unrecovered Plant and Regulatory Study Costs (182.2)	74,775,572	74,775,572	-	-	74,775,572	
Other Regulatory Assets (182.3)	228,074,990	65,192,051	-	162,882,939	65,192,051	
Prelim. Survey and Investigation Charges (Electric) (183)	427,807	-	-	427,807	-	
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-	-	-	
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-	-	-	
Clearing Accounts (184)	-	-	-	-	-	
Temporary Facilities (185)	-	-	-	-	-	
Miscellaneous Deferred Debits (186)	5,296,842	2,733,720	1,577,463	985,659	4,311,183	
Deferred Losses from Disposition of Utility Plt. (187)	-	-	-	-	-	
Research, Development, and Demonstration Expenditures (188)	-	-	-	-	-	
Unamortized Loss on Reacquired Debt (189)	23,127,515	9,049,960	1,864,387	12,213,168	10,914,347	
Accumulated Deferred Income Taxes (190)	146,102,252	-	-	146,102,252	-	
Unrecovered Purchased Gas Costs (191)	-	-	-	-	-	
Total	496,872,469	159,073,180	4,988,104	332,811,186	164,061,283	
Total Assets and Other Debits	882,132,555	204,149,703	15,964,816	662,018,035	220,114,519	
LESS:						
Liabilities and Other Credits (Comparative Balance Sheet)						
OTHER NONCURRENT LIABILITIES						
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	-	-	
Long-Term Portion of Derivative Instrument Liabilities - Hedges	-	-	-	-	-	
Total	-	-	-	-	-	
CURRENT AND ACCRUED LIABILITIES						
Derivative Instrument Liabilities (244)	28,569,350	-	-	28,569,350	-	
(Less) Long-Term Portion of Derivative Instrument Liabilities	-	-	-	-	-	
Derivative Instrument Liabilities - Hedges (245)	9,372,367	-	-	9,372,367	-	
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges	-	-	-	-	-	
Total	37,941,717	-	-	37,941,717	-	
DEFERRED CREDITS						
Customer Advances for Construction (252)	170,871	-	-	170,871	-	

**Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	PGE					Total Production & Transmission
	2004					
(1) Account Description	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other		
Accumulated Deferred Investment Tax Credits (255)	13,225,466	-	-	13,225,466	-	
Deferred Gains from Disposition of Utility Plant (256)	-	-	-	-	-	
Other Deferred Credits (253)	22,549,894	21,720,725	16,531	812,638	21,737,256	
Other Regulatory Liabilities (254)	99,527,377	55,862,854	1,417,009	42,247,513	57,279,864	
Unamortized Gain on Reacquired Debt (257)	348,031	136,187	28,056	183,788	164,243	
Accum. Deferred Income Taxes-Accel. Amort.(281)	-	-	-	-	-	
Accum. Deferred Income Taxes-Property (282)	314,048,671	-	-	314,048,671	-	
Accum. Deferred Income Taxes-Other (283)	158,903,389	-	-	158,903,389	-	
Total	608,773,699	77,719,766	1,461,597	529,592,336	79,181,363	
Total Liabilities and Other Credits	646,715,416	77,719,766	1,461,597	567,534,053	79,181,363	
Total Rate Base <i>(Total Net Plant + Debits - Credits)</i>	2,110,803,169	765,694,759	194,351,703	1,150,756,707	960,046,462	
Schedule 2: Long Term Debt						
Long Term Debt	922,566,003					
Preferred Stock						
Common Stock						
Interest for Year	64,609,741					
Interest Rate						
Authorized Return Preferred						
Authorized Return Common						
Weighted Cost of Capital						
Rate of Return	7.00%					

(Interest for Year / Long Term Debt)

**Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	PGE					Total Production & Transmission
	2004					
(1) Account Description	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other		
<u>Schedule 3: Expenses</u>						
Power Production Expenses:						
Steam Power Generation						
Steam - Fuel	44,803,760	44,803,760	-	-	44,803,760	
Steam - Operation (less fuel)	11,795,968	11,795,968	-	-	11,795,968	
Steam - Maintenance	22,086,716	22,086,716	-	-	22,086,716	
Nuclear Power Generation						
Nuclear - Fuel	-	-	-	-	-	
Nuclear - Operation (less fuel)	-	-	-	-	-	
Nuclear - Maintenance	5,613	5,613	-	-	5,613	
Hydraulic Power Generation						
Hydraulic - Operation	3,849,701	3,849,701	-	-	3,849,701	
Hydraulic - Maintenance	3,731,231	3,731,231	-	-	3,731,231	
Other Power Generation						
Other Power - Fuel	92,297,679	92,297,679	-	-	92,297,679	
Other Power - Operations (less fuel)	5,933,613	5,933,613	-	-	5,933,613	
Other Power - Maintenance	4,253,753	4,253,753	-	-	4,253,753	
Other Power Supply Expenses						
Purchased Power	772,661,341	772,661,341	-	-	772,661,341	
System Control and Load Dispatching	3,042,337	3,042,337	-	-	3,042,337	
Other Expenses	8,625,561	8,625,561	-	-	8,625,561	
BPA REP Reversal	18,623,863	18,623,863	-	-	18,623,863	
Total Production Expense	991,711,136	991,711,136	-	-	991,711,136	
Transmission Expenses:						
Transmission of Electricity to Others (Wheeling)	57,232,889	-	57,232,889	-	57,232,889	
Total Operations less Wheeling	4,815,971	-	4,815,971	-	4,815,971	
Total Maintenance	4,133,534	-	4,133,534	-	4,133,534	

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

Account Description	PGE					Total Production & Transmission
	(1)	(4)	(5)	(6)	(7)	
Account Description	Total	Production	Transmission	Distribution/ Other		
Total Transmission Expense	66,182,394	-	66,182,394	-	66,182,394	
Distribution Expense:						
Total Operations	14,914,315	-	-	14,914,315	-	
Total Maintenance	35,715,888	-	-	35,715,888	-	
Total Distribution Expense	50,630,203	-	-	50,630,203	-	
Customer and Sales Expenses:						
Total Customer Accounts	51,387,079	-	-	51,387,079	-	
Total Customer Service and Information	8,525,375	-	-	8,525,375	-	
Total Sales	11,850	-	-	11,850	-	
Total Customer and Sales Expenses	59,924,304	-	-	59,924,304	-	
Administration and General Expense:						
Operation						
Administration and General Salaries	32,714,278	12,801,328	2,637,209	17,275,741	15,438,537	
Office Supplies & Expenses	14,579,509	4,894,578	612,740	9,072,191	5,507,318	
(Less) Administration Expenses Transferred - Credit	(13,284,973)	(4,459,981)	(558,333)	(8,266,658)	(5,018,315)	
Outside Services Employed	5,459,055	1,832,693	229,430	3,396,931	2,062,124	
Property Insurance	4,308,814	1,654,576	349,418	2,304,821	2,003,993	
Injuries and Damages	3,855,086	1,294,215	162,019	2,398,852	1,456,234	
Employee Pensions & Benefits	26,471,377	8,886,871	1,112,524	16,471,981	9,999,396	
Franchise Requirements	-	-	-	-	-	
Regulatory Commission Expenses	9,276,587	-	-	9,276,587	-	
(Less) Duplicate Charges - Credit	(1,714,179)	(575,478)	(72,043)	(1,066,659)	(647,520)	
General Advertising Expenses	1,027,467	-	-	1,027,467	-	
Miscellaneous General Expenses	1,505,852	-	-	1,505,852	-	
Rents	2,955,571	-	-	2,955,571	-	
Maintenance						
Maintenance of General Plant	1,740,911	654,486	121,777	964,648	776,263	
Total Administration and General Expenses	88,895,355	26,983,289	4,594,741	57,317,325	31,578,030	

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	PGE					Total Production & Transmission
	2004					
(1) Account Description	(4) Total	(5) Production	(6) Transmission	(7) Distribution/ Other		
Total Operations and Maintenance	1,257,343,392	1,018,694,425	70,777,135	167,871,832	1,089,471,560	
<i>(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration and General Expenses)</i>						
Depreciation and Amortization:						
Intangible Plant	14,580,177	5,705,326	1,175,357	7,699,493	6,880,684	
Steam Production Plant	19,939,489	19,939,489	-	-	19,939,489	
Nuclear Production Plant	-	-	-	-	-	
Hydraulic Production Plant - Conventional	10,620,037	10,620,037	-	-	10,620,037	
Hydraulic Production Plant - Pumped Storage	-	-	-	-	-	
Other Production Plant	12,112,917	12,112,917	-	-	12,112,917	
Transmission Plant	7,976,866	-	7,976,866	-	7,976,866	
Distribution Plant	90,335,595	-	-	90,335,595	-	
General Plant	13,226,558	3,634,111	1,167,540	8,424,907	4,801,651	
Common Plant - Electric	-	-	-	-	-	
Total Depreciation and Amortization	168,791,639	52,011,880	10,319,763	106,459,995	62,331,644	
<u>Schedule 3A Items: Taxes</u>						
Taxes Accrued, Prepaid, and Charged During Year						
FEDERAL						
Total Federal	89,847,351	4,902,241	613,699	84,331,412	5,515,939	
STATE						
Montana	5,218,467	1,525,253	322,107	3,371,107	1,847,360	
Oregon	79,892,204	11,618,411	2,396,280	65,877,513	14,014,691	
Washington	95,836	36,300	7,666	51,870	43,966	
Wyoming	1,111	-	-	1,111	-	
California	(38)	-	-	(38)	-	
Canada	2,392	-	-	2,392	-	

**Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Account Description	PGE					Total Production & Transmission
	2004					
(1)	(4)	(5)	(6)	(7)		
Account Description	Total	Production	Transmission	Distribution/ Other		
Total State	85,209,972	13,179,963	2,726,053	69,303,956	15,906,016	
County & Municipal						
Total County and Municipal	-	-	-	-	-	
Total Taxes	175,057,323	18,082,204	3,339,752	153,635,367	21,421,956	
<i>(Total Federal, State and County/Municipal Taxes)</i>						
Schedule 3B Items: Other Included Items						
Other Included Items:						
(Less) Gain from Disp. of Plant	(268,347)	(103,045)	(21,761)	(143,541)	(124,806)	
Loss from Disposition of Plant	8,200,000	3,148,783	664,968	4,386,249	3,813,751	
Total Disposition of Plant	7,931,653	3,045,738	643,207	4,242,708	3,688,945	
Sale from Resale:						
Sales for Resale	323,373,254	323,373,254	-	-	323,373,254	
Total Sales from Resale	323,373,254	323,373,254	-	-	323,373,254	
Other Revenues:						
(450) Forfeited Discounts	1,092,494	1,092,494	-	-	1,092,494	
(451) Miscellaneous Service Revenues	767,055	767,055	-	-	767,055	
(453) Sales of Water and Water Power	1,234	1,234	-	-	1,234	
(454) Rent from Electric Property	6,332,681	6,332,681	-	-	6,332,681	
(455) Interdepartmental Rents	-	-	-	-	-	
(456) Other Electric Revenues	64,083,662	-	64,083,662	-	64,083,662	
(456.1) Revenues from Transmission of Electricity of Others	5,521,964	-	5,521,964	-	5,521,964	
(457.1) Regional Control Service Revenues	-	-	-	-	-	
(457.2) Miscellaneous Revenues	-	-	-	-	-	
Total Other Revenues	77,799,090	8,193,464	69,605,626	-	77,799,090	

**Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

Account Description	PGE					Total Production & Transmission
	(1)	(4)	(5)	(6)	(7)	
Account Description	Total	Production	Transmission	Distribution/ Other		
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>	409,103,997	334,612,456	70,248,833	4,242,708		404,861,289
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>	1,192,088,357	754,176,053	14,187,817	423,724,487		768,363,870
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>	147,825,137	53,623,632	13,610,965	80,590,540		67,234,597
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>	1,339,913,495	807,799,686	27,798,782	504,315,027		835,598,467

Schedule 4: Average System Cost

	Revised Forecast 2004 Base Year
Total Production and Transmission Costs	835,598,467
Total Retail Load (MWH)	17,764,138
Distribution Losses	888,207
Total Retail Load plus Distribution Losses	18,652,345
Average System Cost before NLSL Adjustment	\$ 44.80
NLSL Loads MWh	229,603
Cost of Serving NLSL	\$ 10,285,887.16
ASC after NLSL Adjustments	\$ 44.80
Contract System Cost	\$ 825,312,580
Contract System Load	18,422,742
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.	
Average System Cost	\$ 44.80

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PGE
2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Intangible Plant:				
Intangible Plant - Organization	-	-	-	
Intangible Plant - Franchises and Consents	466,043	466,043	-	
Intangible Plant - Miscellaneous	55,937,375	55,937,375	-	
Total Intangible Plant	56,403,418	56,403,418	-	
Production Plant:				
Steam Production	793,956,896	793,956,896	-	
Nuclear Production	-	-	-	
Hydraulic Production	228,243,155	228,243,155	-	
Other Production	353,391,186	353,391,186	-	
Total Production Plant	1,375,591,237	1,375,591,237	-	
Transmission Plant:				
Transmission Plant	283,386,323	283,386,323	-	
Total Transmission Plant	283,386,323	283,386,323	-	
Distribution Plant:				
Distribution Plant	-	-	-	
Total Distribution Plant	-	-	-	
General Plant:				
Land and Land Rights	4,008,464	4,008,464	-	
Structures and Improvements	26,596,642	26,596,642	-	
Furniture and Equipment	15,548,290	19,424,695	3,876,405	Functionalization Error.
Transportation Equipment	4,473,465	4,473,465	-	
Stores Equipment	401,065	401,065	-	
Tools and Garage Equipment	4,390,087	4,390,087	-	
Laboratory Equipment	4,259,405	4,259,405	-	

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PGE
2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Power Operated Equipment	4,345,632	4,345,632	-	
Communication Equipment	24,112,592	24,112,592	-	
Miscellaneous Equipment	156,930	-	(156,930)	Functionalization error in 07 Rate Case
Total General Plant	88,292,571	92,012,046	3,719,475	
Total Electric Plant In-Service <i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>	1,803,673,549	1,807,393,024	3,719,475	
LESS:				
Depreciation Reserve				
Steam (Production) Plant	517,308,693	517,308,693	-	
Nuclear (Production) Plant	-	-	-	
Hydraulic (Production) Plant - Conventional	120,231,261	120,231,261	-	
Hydraulic (Production) Plant - Pumped Storage	-	-	-	
Other (Production) Plant	175,103,450	175,103,450	-	
Transmission Plant	126,962,195	126,962,195	-	
Distribution Plant	-	-	-	
General Plant	44,954,644	36,038,776	(8,915,869)	Functionalization error in 07 Rate Case
Accum Prov for Depr, Amort, & Depl (In-Service Depr: Cmmn Plt)	-	-	-	
Accum Prov for Depr, Amort, & Depl (Amort of Other Utl Plt: Electric)	-	-	-	Data not included in 07 Rate Case
Amort of Plant Acquisition Adjustments (Electric)	-	-	-	
Amortization Reserve				
Total Depreciation and Amortization	984,560,243	975,644,375	(8,915,869)	
Total Net Plant	819,113,305	831,748,649	12,635,344	

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PGE
2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
<i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>				
Assets and Other Debits (Comparative Balance Sheet)				
Cash Working Capital	22,463,597	-	(22,463,597)	
UTILITY PLANT				
(Utility Plant) Held For Future Use	88,622	87,520	(1,102)	Functionalization error in 07 Rate Case
(Utility Plant) Completed Construction - Not Classified	-	-	-	
(Utility Plant) In Service (Classified) COMMON	-	-	-	
Nuclear Fuel	-	-	-	
Construction Work in Progress (CWIP) - ELECTRIC	-	-	-	
Acquisition Adjustments (Electric)	-	-	-	
Total	88,622	87,520	(1,102)	
OTHER PROPERTY AND INVESTMENTS				
Other Investment	-	-	-	
Long-Term Portion of Derivative Assets (175)	-	-	-	
Long-Term Portion of Derivative Assets – Hedges (176)	-	-	-	
Total	-	-	-	
CURRENT AND ACCRUED ASSETS				
Fuel Stock	21,122,877	21,122,877	-	
Fuel Stock Expenses Undistributed (152)	-	-	-	
Plant Materials and Operating Supplies	11,266,449	12,224,180	957,732	07 Acct includes Oth Mat & Suppl and Stores Exp undistrib
Other Materials and Supplies	38,018	-	(38,018)	Included in Plant Materials and Op supplies
Stores Expense Undistributed	1,073,673	-	(1,073,673)	Included in Plant Materials and Op supplies
Prepayments (165)	-	-	-	Functionalization error in 07 Rate Case
Derivative Instrument Assets (175)	-	-	-	Data Error in the 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Assets (175)	-	-	-	Data Error in the 07 Rate Case
Derivative Instrument Assets - Hedges (176)	-	-	-	Data Error in the 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges (176)	-	-	-	Data Error in the 07 Rate Case
Total	33,501,016	33,347,057	(153,959)	

**Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PGE
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
DEFERRED DEBITS				
Unamortized Debt Expenses (181)	8,868,130	-	(8,868,130)	Data Error in the 07 Rate Case
Extraordinary Property Losses (182.1)	-	-	-	
Unrecovered Plant and Regulatory Study Costs (182.2)	74,775,572	-	(74,775,572)	Amount included in Regulatory Assets
Other Regulatory Assets (182.3)	65,192,051	139,192,051	74,000,000	Includes Trojan Decom Asset
Prelim. Survey and Investigation Charges (Electric) (183)	-	-	-	
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-	
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-	
Clearing Accounts (184)	-	-	-	
Temporary Facilities (185)	-	-	-	
Miscellaneous Deferred Debits (186)	4,311,183	7,378,122	3,066,939	Data Error amount, incl. Unamortized Loss on Debt value
Deferred Losses from Disposition of Utility Plt. (187)	-	-	-	
Research, Development, and Demonstration Expenditures (188)	-	-	-	
Unamortized Loss on Reacquired Debt (189)	10,914,347	-	(10,914,347)	Data Error amount was added to Miscellaneous Def. Debits
Accumulated Deferred Income Taxes (190)	-	-	-	
Unrecovered Purchased Gas Costs (191)	-	-	-	
Total	164,061,283	146,570,173	(17,491,110)	
Total Assets and Other Debits	220,114,519	180,004,750	(40,109,769)	
LESS:				
Liabilities and Other Credits (Comparative Balance Sheet)				
OTHER NONCURRENT LIABILITIES				
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	
Long-Term Portion of Derivative Instrument Liabilities - Hedges	-	-	-	
Total	-	-	-	
CURRENT AND ACCRUED LIABILITIES				
Derivative Instrument Liabilities (244)	-	-	-	Data not included in 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Liabilities	-	-	-	Data not included in 07 Rate Case

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PGE
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Derivative Instrument Liabilities - Hedges (245)	-	-	-	Data not included in 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges	-	-	-	Data not included in 07 Rate Case
Total	-	-	-	
DEFERRED CREDITS				
Customer Advances for Construction (252)	-	-	-	
Accumulated Deferred Investment Tax Credits (255)	-	-	-	
Deferred Gains from Disposition of Utility Plant (256)	-	-	-	
Other Deferred Credits (253)	21,737,256	10,641,756	(11,095,500)	Data Error in the 07 Rate Case
Other Regulatory Liabilities (254)	57,279,864	4,933,489	(52,346,375)	Functionalization error in Price risk values
Unamortized Gain on Reacquired Debt (257)	164,243	-	(164,243)	Data not included in 07 Rate Case
Accum. Deferred Income Taxes-Accel. Amort.(281)	-	-	-	
Accum. Deferred Income Taxes-Property (282)	-	-	-	Def Inc. Tax split into Acct. 281-283 in 04 Backcast
Accum. Deferred Income Taxes-Other (283)	-	-	-	
Total	79,181,363	15,575,245	(63,606,118)	
Total Liabilities and Other Credits	79,181,363	15,575,245	(63,606,118)	
Total Rate Base	960,046,462	996,178,154	36,131,692	
<i>(Total Net Plant + Debits - Credits)</i>				
Schedule 2: Long Term Debt				
Long Term Debt	922,566,003			
Interest for Year	64,609,741			
Rate of Return	7.00%			
<i>(Interest for Year / Long Term Debt)</i>				

Schedule 3: Expenses

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PGE
2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Power Production Expenses:				
Steam Power Generation				
Steam - Fuel	44,803,760	44,803,760	-	
Steam - Operation (less fuel)	11,795,968	11,795,968	-	
Steam - Maintenance	22,086,716	22,086,716	-	
Nuclear Power Generation				
Nuclear - Fuel	-	-	-	
Nuclear - Operation (less fuel)	-	-	-	
Nuclear - Maintenance	5,613	5,613	-	
Hydraulic Power Generation				
Hydraulic - Operation	3,849,701	3,849,701	-	
Hydraulic - Maintenance	3,731,231	3,731,231	-	
Other Power Generation				
Other Power - Fuel	92,297,679	92,297,679	-	
Other Power - Operations (less fuel)	5,933,613	5,936,613	3,000	Data Error in 07 Rate Case
Other Power - Maintenance	4,253,753	4,253,753	-	
Other Power Supply Expenses				
Purchased Power	772,661,341	772,661,341	-	
System Control and Load Dispatching	3,042,337	3,042,337	-	
Other Expenses	8,625,561	8,625,561	-	
BPA REP Reversal	18,623,863	21,886,127	3,262,264	Data adjustment
Total Production Expense	991,711,136	994,976,400	3,265,264	
Transmission Expenses:				
Transmission of Electricity to Others (Wheeling)	57,232,889	-	(57,232,889)	Wheeling was consolidated into Total Transmission Oper.
Total Operations less Wheeling	4,815,971	62,048,860	57,232,889	Wheeling was consolidated into Total Transmission Oper.
Total Maintenance	4,133,534	4,133,534	-	
Total Transmission Expense	66,182,394	66,182,394	-	

**Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PGE
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Distribution Expense:				
Total Operations	-	-	-	
Total Maintenance	-	-	-	
Total Distribution Expense	-	-	-	
Customer and Sales Expenses:				
Total Customer Accounts	-	-	-	
Total Customer Service and Information	-	-	-	
Total Sales	-	-	-	
Total Customer and Sales Expenses	-	-	-	
Administration and General Expense:				
Operation				
Administration and General Salaries	15,438,537	15,438,537	-	
Office Supplies & Expenses	5,507,318	6,880,368	1,373,051	Functionalization error in 07 Rate Case
(Less) Administration Expenses Transferred - Credit	(5,018,315)	(6,269,450)	(1,251,136)	Functionalization error in 07 Rate Case
Outside Services Employed	2,062,124	2,576,240	514,116	Functionalization error in 07 Rate Case
Property Insurance	2,003,993	2,008,126	4,133	Functionalization error in 07 Rate Case
Injuries and Damages	1,456,234	1,819,294	363,059	Functionalization error in 07 Rate Case
Employee Pensions & Benefits	9,999,396	12,492,384	2,492,988	Functionalization error in 07 Rate Case
Franchise Requirements	-	-	-	
Regulatory Commission Expenses	-	-	-	
(Less) Duplicate Charges - Credit	(647,520)	-	647,520	Functionalization error in 07 Rate Case
General Advertising Expenses	-	-	-	
Miscellaneous General Expenses	-	-	-	
Rents	-	-	-	
Maintenance				
Maintenance of General Plant	776,263	819,737	43,474	GPM Functionalization ratio altered due General Plt.

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PGE
2004

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Total Administration and General Expenses	31,578,030	35,765,236	4,187,206	
Total Operations and Maintenance	1,089,471,560	1,096,924,030	7,452,470	
<i>(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration)</i>		-	-	
Depreciation and Amortization:				
Amortization of Regulatory Assets		27,838,410	27,838,410	Error in assumption. Reg Asset Depr. Is not noted in FF1
Intangible Plant	6,880,684	6,880,684	-	
Steam Production Plant	19,939,489	19,939,489	-	
Nuclear Production Plant	-	-	-	
Hydraulic Production Plant - Conventional	10,620,037	10,620,037	-	
Hydraulic Production Plant - Pumped Storage	-	-	-	
Other Production Plant	12,112,917	12,112,917	-	
Transmission Plant	7,976,866	7,976,866	-	
Distribution Plant	-	-	-	
General Plant	4,801,651	5,003,929	202,278	GP Functionalization ratio altered due General Plt.
Common Plant - Electric	-	-	-	
Total Depreciation and Amortization	62,331,644	90,372,331	28,040,688	
Schedule 3A Items: Taxes				
Taxes Accrued, Prepaid, and Charged During Year				
FEDERAL				
Total Federal	5,515,939	6,891,140	1,375,200	Functionalization error in Fed Labor Related taxes
STATE				
Montana	1,847,360	4,072,566	2,225,206	All other State taxes consolidated into Montana
Oregon	14,014,691	15,703,500	1,688,809	Functionalization error in OR Labor Related taxes
Washington	43,966	-	(43,966)	Functionalization error in WA Labor Related taxes

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PGE
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Wyoming	-	-	-	
California	-	-	-	
Canada	-	-	-	
Total State	15,906,016	19,776,066	3,870,050	
County & Municipal				
Total County and Municipal	-	-	-	
Total Taxes	21,421,956	26,667,206	5,245,250	
<i>(Total Federal, State and County/Municipal Taxes)</i>		-	-	
Schedule 3B Items: Other Included Items				
Other Included Items:				
(Less) Gain from Disp. of Plant	(124,806)	-	124,806	Data not included in 07 Rate Case
Loss from Disposition of Plant	3,813,751	-	(3,813,751)	Data not included in 07 Rate Case
Total Disposition of Plant	3,688,945	-	(3,688,945)	
Sale from Resale:				
Sales for Resale	323,373,254	323,373,254	-	
Total Sales from Resale	323,373,254	323,373,254	-	
Other Revenues:				
(450) Forfeited Discounts	1,092,494	1,092,494	-	
(451) Miscellaneous Service Revenues	767,055	767,055	-	
(453) Sales of Water and Water Power	1,234	1,234	-	
(454) Rent from Electric Property	6,332,681	6,332,681	-	
(455) Interdepartmental Rents	-	-	-	
(456) Other Electric Revenues	64,083,662	69,605,626	5,521,964	07 Rate Case consolidated Wheeling and Oth Rev. .
(456.1) Revenues from Transmission of Electricity of Others	5,521,964	-	(5,521,964)	
(457.1) Regional Control Service Revenues	-	-	-	

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PGE
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
(457.2) Miscellaneous Revenues	-	-	-	
Total Other Revenues	77,799,090	77,799,090	-	
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>	404,861,289	401,172,344	(3,688,945)	
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>	768,363,870	812,791,223	44,427,353	
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>	67,234,597	69,764,995	2,530,398	
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>	835,598,467	882,556,218	46,957,751	

Table 9.1.5.5
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PGE
2004**

(1) Account Description	Revised Forecast Total Production & Transmission	2007 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
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Schedule 4: Average System Cost

	Revised Forecast 2004 Base Year	2007 Final Proposal 2004 Base Year	Differential
Total Production and Transmission Costs	835,598,467	882,556,218	
Total Retail Load (MWH)	17,764,138	17,764,138	
Distribution Losses	888,207	888,207	
Total Retail Load plus Distribution Losses	18,652,345	18,652,345	
Average System Cost before NLSL Adjustment	\$ 44.80	\$ 47.32	\$ 2.52
NLSL Loads MWh	229,603		
Cost of Serving NLSL	\$ 10,285,887.16		
ASC after NLSL Adjustments	\$ 44.80		
Contract System Cost	\$ 825,312,580		
Contract System Load	18,422,742		
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.			
Average System Cost	\$ 44.80		

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
<u>Schedule 1: Plant Investment / Rate Base / Rate of Return</u>					
Intangible Plant:					
Intangible Plant - Organization	114,202	32,219	8,127	73,857	40,345
Intangible Plant - Franchises and Consents	13,793,531	3,891,415	981,568	8,920,549	4,872,982
Intangible Plant - Miscellaneous	14,427,951	4,070,396	1,026,714	9,330,841	5,097,110
Total Intangible Plant	28,335,684	7,994,030	2,016,408	18,325,246	10,010,438
Production Plant:					
Steam Production	782,947,270	782,947,270	-	-	782,947,270
Nuclear Production	-	-	-	-	-
Hydraulic Production	154,001,841	154,001,841	-	-	154,001,841
Other Production	206,826,700	206,826,700	-	-	206,826,700
Total Production Plant	1,143,775,811	1,143,775,811	-	-	1,143,775,811
Transmission Plant:					
Transmission Plant	288,505,193	-	288,505,193	-	288,505,193
Total Transmission Plant	288,505,193	-	288,505,193	-	288,505,193
Distribution Plant:					
Distribution Plant	2,621,953,457	-	-	2,621,953,457	-
Total Distribution Plant	2,621,953,457	-	-	2,621,953,457	-
General Plant:					
Land and Land Rights	4,813,579	1,358,001	342,541	3,113,037	1,700,542
Structures and Improvements	30,461,755	8,593,834	2,167,703	19,700,218	10,761,537
Furniture and Equipment	39,073,388	8,503,319	1,548,490	29,021,579	10,051,809

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Transportation Equipment	3,279,109	-	325,048	2,954,061	325,048
Stores Equipment	1,141,211	321,957	81,210	738,044	403,167
Tools and Garage Equipment	6,620,869	1,867,872	471,151	4,281,847	2,339,022
Laboratory Equipment	11,969,533	3,376,830	851,769	7,740,933	4,228,600
Power Operated Equipment	1,462,235	-	144,947	1,317,288	144,947
Communication Equipment	35,759,070	10,088,306	2,544,667	23,126,096	12,632,974
Miscellaneous Equipment	438,643	123,749	31,214	283,679	154,964
Total General Plant	135,019,392	34,233,870	8,508,741	92,276,781	42,742,611
Total Electric Plant In-Service	4,217,589,537	1,186,003,710	299,030,342	2,732,555,485	1,485,034,052
<i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>					
LESS:					
Depreciation Reserve					
Steam (Production) Plant	413,944,862	413,944,862	-	-	413,944,862
Nuclear (Production) Plant	-	-	-	-	-
Hydraulic (Production) Plant - Conventional	100,325,579	100,325,579	-	-	100,325,579
Hydraulic (Production) Plant - Pumped Storage	-	-	-	-	-
Other (Production) Plant	106,109,934	106,109,934	-	-	106,109,934
Transmission Plant	111,337,022	-	111,337,022	-	111,337,022
Distribution Plant	1,005,743,021	-	-	1,005,743,021	-
General Plant	64,684,539	18,248,725	4,603,045	41,832,768	22,851,771
					-
Accum Prov for Depr, Amort, & Depl (In-Service Deprc: Cmmn Plt)	159,895,632	-	-	159,895,632	-
Accum Prov for Depr, Amort, & Depl (Amort of Other Util Plt: Electric)	14,208,093	-	-	14,208,093	-
Amort of Plant Acquisition Adjustments (Electric)	30,129,327	6,556,874	1,194,034	22,378,419	7,750,908

Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Amortization Reserve					
Total Depreciation and Amortization	2,006,378,009	645,185,974	117,134,101	1,244,057,933	762,320,076
Total Net Plant	2,211,211,528	540,817,736	181,896,241	1,488,497,552	722,713,976
<i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>					
Assets and Other Debits (Comparative Balance Sheet)					
Cash Working Capital	57,357,955	30,995,435	5,903,006	20,459,514	36,898,441
UTILITY PLANT					
(Utility Plant) Held For Future Use	7,273,504	2,051,992	517,593	4,703,919	2,569,585
(Utility Plant) Completed Construction - Not Classified	-	-	-	-	-
(Utility Plant) In Service (Classified) COMMON	395,697,469	-	-	395,697,469	-
Nuclear Fuel	N/A				-
Construction Work in Progress (CWIP) - ELECTRIC	87,314,425	-	-	87,314,425	-
Acquisition Adjustments (Electric)	77,871,127	16,946,651	3,086,056	57,838,421	20,032,706
Total	568,156,525	18,998,643	3,603,649	545,554,233	22,602,292
OTHER PROPERTY AND INVESTMENTS					
Other Investment	48,251,874	-	-	48,251,874	-
Long-Term Portion of Derivative Assets (175)	-	-	-	-	-
Long-Term Portion of Derivative Assets – Hedges (176)	13,765,107	-	-	13,765,107	-
Total	62,016,981	-	-	62,016,981	-
CURRENT AND ACCRUED ASSETS					
Fuel Stock	10,653,348	10,653,348	-	-	10,653,348
Fuel Stock Expenses Undistributed (152)	-	-	-	-	-
Plant Materials and Operating Supplies	29,563,159	8,340,323	2,103,757	19,119,079	10,444,080

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET

2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Other Materials and Supplies	-	-	-	-	-
Stores Expense Undistributed	2,119,791	598,033	150,847	1,370,911	748,880
Prepayments (165)	5,087,882	-	-	5,087,882	-
Derivative Instrument Assets (175)	1,858,720	-	-	1,858,720	-
(Less) Long-Term Portion of Derivative Instrument Assets (175)	-	-	-	-	-
Derivative Instrument Assets - Hedges (176)	19,993,638	-	-	19,993,638	-
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges	(13,765,107)	-	-	(13,765,107)	-
Total	55,511,431	19,591,704	2,254,605	33,665,122	21,846,309
DEFERRED DEBITS					
Unamortized Debt Expenses (181)	24,146,740	6,790,164	1,712,022	15,644,554	8,502,186
Extraordinary Property Losses (182.1)	21,093,748	5,950,943	1,501,062	13,641,743	7,452,005
Unrecovered Plant and Regulatory Study Costs (182.2)	46,553,520	46,553,520	-	-	46,553,520
Other Regulatory Assets (182.3)	489,492,190	291,879,487	327,069	197,285,634	292,206,556
Prelim. Survey and Investigation Charges (Electric) (183)	657,310	-	-	657,310	-
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-	-	-
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-	-	-
Clearing Accounts (184)	-	-	-	-	-
Temporary Facilities (185)	(257,907)	(72,525)	(18,286)	(167,097)	(90,810)
Miscellaneous Deferred Debits (186)	155,219,269	24,100,778	8,054,136	123,064,356	32,154,913
Deferred Losses from Disposition of Utility Plt. (187)	1,323,107	373,273	94,154	855,679	467,428
Research, Development, and Demonstration Expenditures (188)	-	-	-	-	-
Unamortized Loss on Reacquired Debt (189)	13,603,379	3,837,769	968,036	8,797,574	4,805,805
Accumulated Deferred Income Taxes (190)	77,212,300	-	-	77,212,300	-
Unrecovered Purchased Gas Costs (191)	19,088,470	-	-	19,088,470	-
Total	848,132,126	379,413,409	12,638,193	456,080,524	392,051,602
Total Assets and Other Debits	1,591,175,018	448,999,191	24,399,453	1,117,776,374	473,398,644

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
LESS:					
Liabilities and Other Credits (Comparative Balance Sheet)					
OTHER NONCURRENT LIABILITIES					
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	-	-
Long-Term Portion of Derivative Instrument Liabilities - Hedges	249,455	-	-	249,455	-
Total	249,455	-	-	249,455	-
CURRENT AND ACCRUED LIABILITIES					
Derivative Instrument Liabilities (244)	-	-	-	-	-
(Less) Long-Term Portion of Derivative Instrument Liabilities	-	-	-	-	-
Derivative Instrument Liabilities - Hedges (245)	19,510,370	-	-	19,510,370	-
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges	(249,455)	-	-	(249,455)	-
Total	19,260,915	-	-	19,260,915	-
DEFERRED CREDITS					
Customer Advances for Construction (252)	57,145,139	-	-	57,145,139	-
Accumulated Deferred Investment Tax Credits (255)	2,793,606	-	-	2,793,606	-
Deferred Gains from Disposition of Utility Plant (256)	4,503,592	1,270,548	320,482	2,912,562	1,591,030
Other Deferred Credits (253)	118,246,470	30,145,512	4,889,540	83,211,418	35,035,052
Other Regulatory Liabilities (254)	17,015,934	6,889,260	-	10,126,674	6,889,260
Unamortized Gain on Reacquired Debt (257)	918,687	259,179	65,375	594,133	324,554
Accum. Deferred Income Taxes-Accel. Amort.(281)	-	-	-	-	-
Accum. Deferred Income Taxes-Property (282)	616,581,126	-	-	616,581,126	-
Accum. Deferred Income Taxes-Other (283)	245,006,027	-	-	245,006,027	-
Total	1,062,210,581	38,564,499	5,275,397	1,018,370,685	43,839,896
Total Liabilities and Other Credits	1,081,720,951	38,564,499	5,275,397	1,037,881,055	43,839,896

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Total Rate Base	2,720,665,595	951,252,428	201,020,296	1,568,392,871	1,152,272,724

(Total Net Plant + Debits - Credits)

Schedule 2: Long Term Debt

Long Term Debt	2,377,499,400
Interest for Year	161,737,171
Rate of Return	6.80%

(Interest for Year / Long Term Debt)

Schedule 3: Expenses

Power Production Expenses:

Steam Power Generation					
Steam - Fuel	45,322,991	45,322,991	-	-	45,322,991
Steam - Operation (less fuel)	11,601,896	11,601,896	-	-	11,601,896
Steam - Maintenance	14,635,536	14,635,536	-	-	14,635,536
Nuclear Power Generation					
Nuclear - Fuel	-	-	-	-	-
Nuclear - Operation (less fuel)	-	-	-	-	-
Nuclear - Maintenance	-	-	-	-	-
Hydraulic Power Generation					
Hydraulic - Operation	3,421,316	3,421,316	-	-	3,421,316
Hydraulic - Maintenance	2,633,727	2,633,727	-	-	2,633,727

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Other Power Generation					
Other Power - Fuel	35,449,012	35,449,012	-	-	35,449,012
Other Power - Operations (less fuel)	10,752,357	10,752,357	-	-	10,752,357
Other Power - Maintenance	3,444,557	3,444,557	-	-	3,444,557
Other Power Supply Expenses					
Purchased Power	551,418,234	551,418,234	-	-	551,418,234
System Control and Load Dispatching	809,010	809,010	-	-	809,010
Other Expenses	13,817,376	13,817,376	-	-	13,817,376
BPA REP Reversal	174,472,863	174,472,863	-	-	174,472,863
Oregon Public Purpose Charge					
Total Production Expense	867,778,875	867,778,875	-	-	867,778,875
Transmission Expenses:					
Transmission of Electricity to Others (Wheeling)	41,921,067	-	41,921,067	-	41,921,067
Total Operations less Wheeling	1,904,184	-	1,904,184	-	1,904,184
Total Maintenance	807,676	-	807,676	-	807,676
Total Transmission Expense	44,632,927	-	44,632,927	-	44,632,927
Distribution Expense:					
Total Operations	20,302,019	-	-	20,302,019	-
Total Maintenance	40,773,190	-	-	40,773,190	-
Total Distribution Expense	61,075,209	-	-	61,075,209	-
Customer and Sales Expenses:					
Total Customer Accounts	31,640,635	-	-	31,640,635	-
Total Customer Service and Information	24,956,166	-	-	24,956,166	-
Total Sales	432,584	-	-	432,584	-

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Total Customer and Sales Expenses	57,029,385	-	-	57,029,385	-
Administration and General Expense:					
Operation					
Administration and General Salaries	12,916,093	3,643,873	919,128	8,353,092	4,563,001
Office Supplies & Expenses	13,762,427	2,995,039	545,409	10,221,979	3,540,448
(Less) Administration Expenses Transferred - Credit	(183,688)	(39,975)	(7,280)	(136,433)	(47,255)
Outside Services Employed	5,903,839	1,284,819	233,971	4,385,049	1,518,790
Property Insurance	2,342,291	658,662	166,070	1,517,559	824,732
Injuries and Damages	4,384,949	954,272	173,777	3,256,901	1,128,048
Employee Pensions & Benefits	9,807,435	2,134,336	388,672	7,284,427	2,523,008
Franchise Requirements	-	-	-	-	-
Regulatory Commission Expenses	3,474,466	-	-	3,474,466	-
(Less) Duplicate Charges - Credit	-	-	-	-	-
General Advertising Expenses	2,790	-	-	2,790	-
Miscellaneous General Expenses	2,509,330	-	-	2,509,330	-
Rents	2,737,722	-	-	2,737,722	-
Maintenance					
Maintenance of General Plant	2,879,828	743,816	171,376	1,964,636	915,192
Total Administration and General Expenses	60,537,482	12,374,842	2,591,123	45,571,518	14,965,964
Total Operations and Maintenance	1,091,053,878	880,153,717	47,224,050	163,676,112	927,377,766
<i>(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration and General Expenses)</i>					
Depreciation and Amortization:					
Intangible Plant	1,931,814	545,001	137,471	1,249,342	682,472

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Steam Production Plant	21,144,259	21,144,259	-	-	21,144,259
Nuclear Production Plant	-	-	-	-	-
Hydraulic Production Plant - Conventional	11,183,784	11,183,784	-	-	11,183,784
Hydraulic Production Plant - Pumped Storage	-	-	-	-	-
Other Production Plant	4,922,126	4,922,126	-	-	4,922,126
Transmission Plant	6,985,207	-	6,985,207	-	6,985,207
Distribution Plant	72,588,855	-	-	72,588,855	-
General Plant	6,746,421	1,710,540	425,150	4,610,730	2,135,691
Common Plant - Electric	21,841,179	-	-	21,841,179	-
Total Depreciation and Amortization	147,343,645	39,505,710	7,547,828	100,290,107	47,053,538

Schedule 3A Items: Taxes

Taxes Accrued, Prepaid, and Charged During Year

FEDERAL					
Total Federal	9,796,715	2,770,899	504,592	6,521,224	3,275,491
STATE					
Washington	191,632,067	9,755,578	2,459,701	179,416,788	12,215,279
Idaho	10,488,505	2,753,651	694,285	7,040,569	3,447,936
Montana					-
Oregon					-
California					-
Arizona					-
Total State	202,120,572	12,509,229	3,153,986	186,457,357	15,663,215
County & Municipal					
Total County and Municipal	-	-	-	-	-

Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Total Taxes	211,917,287	15,280,128	3,658,578	192,978,581	18,938,706
<i>(Total Federal, State and County/Municipal Taxes)</i>					
<u>Schedule 3B Items: Other Included Items</u>					
Other Included Items:					
(Less) Gain from Disp. of Plant	(5,839,170)	(1,641,999)	(414,002)	(3,783,169)	(2,056,001)
Loss from Disposition of Plant	1,104,872	310,695	78,336	715,841	389,031
Total Disposition of Plant	(4,734,298)	(1,331,304)	(335,665)	(3,067,328)	(1,666,970)
Sale from Resale:					
Sales for Resale	92,284,878	92,284,878	-	-	92,284,878
Total Sales from Resale	92,284,878	92,284,878	-	-	92,284,878
Other Revenues:					
(450) Forfeited Discounts	2,926,550	2,926,550	-	-	2,926,550
(451) Miscellaneous Service Revenues	11,907,332	11,907,332	-	-	11,907,332
(453) Sales of Water and Water Power	-	-	-	-	-
(454) Rent from Electric Property	9,694,755	9,694,755	-	-	9,694,755
(455) Interdepartmental Rents	-	-	-	-	-
(456) Other Electric Revenues	12,871,556	-	12,871,556	-	12,871,556
(456.1) Revenues from Transmission of Electricity of Others	10,184,183	-	10,184,183	-	10,184,183
(457.1) Regional Control Service Revenues	-	-	-	-	-
(457.2) Miscellaneous Revenues	-	-	-	-	-
Total Other Revenues	47,584,376	24,528,637	23,055,739	-	47,584,376

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

CURRENT FUNCTIONALIZATIONS AND ASSUMPTIONS	PUGET
	2004

	Total	Production	Transmission	Distribution/ Other	Total Production & Transmission
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>	135,134,956	115,482,210	22,720,074	(3,067,328)	138,202,284
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>	1,315,179,854	819,457,344	35,710,382	460,012,128	855,167,727
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>	185,082,174	64,712,057	13,675,063	106,695,054	78,387,120
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>	1,500,262,028	884,169,401	49,385,445	566,707,181	933,554,847

Schedule 4: Average System Cost

**Revised Forecast
2004 Base Year**

Total Production and Transmission Costs	\$ 933,554,847
Total Retail Load (MWh)	19,876,790
Distribution Losses	993,840
Total Retail Load plus Distribution Losses	20,870,630
Average System Cost before NLSL Adjustment	\$ 44.73
NLSL Loads MWh	-
Cost of Serving NLSL	\$ -
ASC after NLSL Adjustments	\$ 44.73
Contract System Cost	\$ 933,554,847
Contract System Load	20,870,630
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.	
Average System Cost	\$ 44.73

Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET

2004

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
<i>Schedule 1: Plant Investment / Rate Base / Rate of Return</i>				
Intangible Plant:				
Intangible Plant - Organization	40,345	40,345	-	
Intangible Plant - Franchises and Consents	4,872,982	4,872,919	(64)	
Intangible Plant - Miscellaneous	5,097,110	5,097,110	-	
Total Intangible Plant	10,010,438	10,010,374	(64)	
Production Plant:				
Steam Production	782,947,270	782,947,270	-	
Nuclear Production	-	-	-	
Hydraulic Production	154,001,841	154,001,841	-	
Other Production	206,826,700	206,826,700	-	
Total Production Plant	1,143,775,811	1,143,775,811	-	
Transmission Plant:				
Transmission Plant	288,505,193	288,505,193	-	
Total Transmission Plant	288,505,193	288,505,193	-	
Distribution Plant:				
Distribution Plant	-	-	-	
Total Distribution Plant	-	-	-	
General Plant:				
Land and Land Rights	1,700,542	1,700,542	-	
Structures and Improvements	10,761,537	10,761,537	-	

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET

2004

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Furniture and Equipment	10,051,809	13,803,857	3,752,048	Functionalization Error in 07 Rate Case
Transportation Equipment	325,048	325,048	-	
Stores Equipment	403,167	403,167	-	
Tools and Garage Equipment	2,339,022	2,339,022	-	
Laboratory Equipment	4,228,600	4,228,600	-	
Power Operated Equipment	144,947	144,947	-	
Communication Equipment	12,632,974	12,632,974	-	
Miscellaneous Equipment	154,964	-	(154,964)	Functionalization Error in 07 Rate Case
Total General Plant	42,742,611	46,339,694	3,597,084	
Total Electric Plant In-Service	1,485,034,052	1,488,631,072	3,597,020	
<i>(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)</i>				
LESS:				
Depreciation Reserve				
Steam (Production) Plant	413,944,862	413,944,862	-	
Nuclear (Production) Plant	-	-	-	
Hydraulic (Production) Plant - Conventional	100,325,579	100,325,579	-	
Hydraulic (Production) Plant - Pumped Storage	-	-	-	
Other (Production) Plant	106,109,934	106,109,934	-	
Transmission Plant	111,337,022	111,337,022	-	
Distribution Plant	-	-	-	
General Plant	22,851,771	22,200,231	(651,539)	
Accum Prov for Depr, Amort, & Depl (In-Service Deprc: Cmmn Plt)	-	-	-	Account Not included in 07 Rate Case

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PUGET
2004**

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Accum Prov for Depr, Amort, & Depl (Amort of Other Utl Plt: Electric	-	-	-	Account Not included in 07 Rate Case
Amort of Plant Acquisition Adjustments (Electric)	7,750,908	-	(7,750,908)	Account Not included in 07 Rate Case
Amortization Reserve				
Total Depreciation and Amortization	762,320,076	753,917,628	(8,402,447)	
Total Net Plant <i>(Total Electric Plant In-Service) - (Total Depreciation & Amortization)</i>	722,713,976	734,713,444	11,999,468	
Assets and Other Debits (Comparative Balance Sheet)				
Cash Working Capital	36,898,441	84,433,316	47,534,875	Value changes with changes in production costs
UTILITY PLANT				
(Utility Plant) Held For Future Use	2,569,585	2,567,240	(2,345)	Functionalization Error in 07 Rate Case
(Utility Plant) Completed Construction - Not Classified	-	-	-	
(Utility Plant) In Service (Classified) COMMON	-	-	-	Account Not included in 07 Rate Case
Nuclear Fuel	-	-	-	
Construction Work in Progress (CWIP) - ELECTRIC	-	-	-	
Acquisition Adjustments (Electric)	20,032,706	27,510,332	7,477,626	Functionalization Error in 07 Rate Case
Total	22,602,292	30,077,572	7,475,280	
OTHER PROPERTY AND INVESTMENTS				
Other Investment	-	-	-	Data Error in 07 Rate Case
Long-Term Portion of Derivative Assets (175)	-	-	-	Data Error in 07 Rate Case
Long-Term Portion of Derivative Assets – Hedges (176)	-	-	-	Data Error in 07 Rate Case
Total	-	-	-	
CURRENT AND ACCRUED ASSETS				

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PUGET
2004**

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Fuel Stock	10,653,348	10,653,348	-	
Fuel Stock Expenses Undistributed (152)	-	-	-	
Plant Materials and Operating Supplies	10,444,080	11,182,744	738,664	Functionalization Error in 07 Rate Case
Other Materials and Supplies	-	-	-	Data Error and Functionalization Error
Stores Expense Undistributed	748,880	-	(748,880)	Included in Plant Materials and Oper. Supplies
Prepayments (165)	-	-	-	
Derivative Instrument Assets (175)	-	-	-	Data Error in 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Assets (175)	-	-	-	Data Error in 07 Rate Case
Derivative Instrument Assets - Hedges (176)	-	-	-	Data Error in 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Assets - Hedges	-	-	-	Data Error in 07 Rate Case
Total	21,846,309	21,836,092	(10,216)	
DEFERRED DEBITS				
Unamortized Debt Expenses (181)	8,502,186	8,522,780	20,594	Functionalization ratio Calc differs due to plant data
Extraordinary Property Losses (182.1)	7,452,005	-	(7,452,005)	
Unrecovered Plant and Regulatory Study Costs (182.2)	46,553,520	46,553,520	-	
Other Regulatory Assets (182.3)	292,206,556	249,047,046	(43,159,509)	Data errors and incorrect functionalization of sub accounts
Prelim. Survey and Investigation Charges (Electric) (183)	-	232,215	232,215	Functionalization Error in 07 Rate Case
Preliminary Natural Gas Survey and Investigation Charges 183.1)	-	-	-	
Other Preliminary Survey and Investigation Charges (183.2)	-	-	-	
Clearing Accounts (184)	-	-	-	
Temporary Facilities (185)	(90,810)	-	90,810	Functionalization Error in 07 Rate Case
Miscellaneous Deferred Debits (186)	32,154,913	54,835,904	22,680,990	Revised functionalization Due to Direct analysis
Deferred Losses from Disposition of Utility Plt. (187)	467,428	-	(467,428)	Functionalization Error in 07 Rate Case
Research, Development, and Demonstration Expenditures (188)	-	-	-	
Unamortized Loss on Reacquired Debt (189)	4,805,805	4,801,419	(4,387)	Functionalization Error in 07 Rate Case
Accumulated Deferred Income Taxes (190)	-	-	-	

Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Unrecovered Purchased Gas Costs (191)	-	-	-	
Total	392,051,602	363,992,884	(28,058,719)	
Total Assets and Other Debits	473,398,644	500,339,865	26,941,221	
LESS:				
Liabilities and Other Credits (Comparative Balance Sheet)				
OTHER NONCURRENT LIABILITIES				
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	
Long-Term Portion of Derivative Instrument Liabilities - Hedges	-	-	-	Data Error in 07 Rate Case
Total	-	-	-	
CURRENT AND ACCRUED LIABILITIES				
Derivative Instrument Liabilities (244)	-	-	-	
(Less) Long-Term Portion of Derivative Instrument Liabilities	-	-	-	
Derivative Instrument Liabilities - Hedges (245)	-	-	-	Data Error in 07 Rate Case
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedge	-	-	-	Data Error in 07 Rate Case
Total	-	-	-	
DEFERRED CREDITS				
Customer Advances for Construction (252)	-	-	-	
Accumulated Deferred Investment Tax Credits (255)	-	-	-	
Deferred Gains from Disposition of Utility Plant (256)	1,591,030	-	(1,591,030)	Data & Fuctionalization Error in 07 Rate Case
Other Deferred Credits (253)	35,035,052	41,774,144	6,739,091	Functionalization Error in 07 Rate Case
Other Regulatory Liabilities (254)	6,889,260	17,015,934	10,126,674	Functionalization Error in 07 Rate Case
Unamortized Gain on Reacquired Debt (257)	324,554	-	(324,554)	Data & Fuctionalization Error in 07 Rate Case
Accum. Deferred Income Taxes-Accel. Amort.(281)	-	-	-	
Accum. Deferred Income Taxes-Property (282)	-	-	-	Account is combined in 07 Rate Case

Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET

2004

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Accum. Deferred Income Taxes-Other (283)	-	-	-	
Total	43,839,896	58,790,078	14,950,181	
Total Liabilities and Other Credits	43,839,896	58,790,078	14,950,181	
Total Rate Base	1,152,272,724	1,176,263,231	23,990,507	
<i>(Total Net Plant + Debits - Credits)</i>				
Schedule 2: Long Term Debt				
Long Term Debt	2,377,499,400	2,377,499,400		
Interest for Year	161,737,171	161,737,171		
Rate of Return	6.80%	6.80%		
<i>(Interest for Year / Long Term Debt)</i>				
Schedule 3: Expenses				
Power Production Expenses:				
Steam Power Generation				
Steam - Fuel	45,322,991	45,322,991	-	
Steam - Operation (less fuel)	11,601,896	11,601,896	-	
Steam - Maintenance	14,635,536	14,635,536	-	
Nuclear Power Generation				
Nuclear - Fuel	-	-	-	

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PUGET
2004**

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Nuclear - Operation (less fuel)	-	-	-	
Nuclear - Maintenance	-	-	-	
Hydraulic Power Generation				
Hydraulic - Operation	3,421,316	3,421,316	-	
Hydraulic - Maintenance	2,633,727	2,633,727	-	
Other Power Generation				
Other Power - Fuel	35,449,012	35,449,012	-	
Other Power - Operations (less fuel)	10,752,357	10,752,357	-	
Other Power - Maintenance	3,444,557	3,444,557	-	
Other Power Supply Expenses				
Purchased Power	551,418,234	551,418,234	-	
System Control and Load Dispatching	809,010	809,010	-	
Other Expenses	13,817,376	13,817,376	-	
BPA REP Reversal	174,472,863	174,473,000	137	
Oregon Public Purpose Charge		-	-	
Total Production Expense	867,778,875	867,779,012	137	
Transmission Expenses:				
Transmission of Electricity to Others (Wheeling)	41,921,067	-	(41,921,067)	Wheeling Exp included in Total Trans Operations
Total Operations less Wheeling	1,904,184	43,825,251	41,921,067	Includes Wheeling expenses
Total Maintenance	807,676	807,676	-	
Total Transmission Expense	44,632,927	44,632,927	-	
Distribution Expense:				
Total Operations	-	-	-	
Total Maintenance	-	-	-	

Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Total Distribution Expense	-	-	-	
Customer and Sales Expenses:				
Total Customer Accounts	-	-	-	
Total Customer Service and Information	-	-	-	
Total Sales	-	-	-	
Total Customer and Sales Expenses	-	-	-	
Administration and General Expense:				
Operation				
Administration and General Salaries	4,563,001	4,563,001	-	
Office Supplies & Expenses	3,540,448	4,861,994	1,321,546	Functionalization Error in 07 Rate Case
(Less) Administration Expenses Transferred - Credit	(47,255)	(64,893)	(17,639)	
Outside Services Employed	1,518,790	2,085,710	566,920	
Property Insurance	824,732	826,730	1,998	
Injuries and Damages	1,128,048	1,549,116	421,068	Functionalization Error in 07 Rate Case
Employee Pensions & Benefits	2,523,008	3,464,773	941,765	Functionalization Error in 07 Rate Case
Franchise Requirements	-	-	-	
Regulatory Commission Expenses	-	-	-	
(Less) Duplicate Charges - Credit	-	-	-	
General Advertising Expenses	-	-	-	
Miscellaneous General Expenses	-	-	-	
Rents	-	-	-	
Maintenance				
Maintenance of General Plant	915,192	1,013,166	97,973	Functionalization differences functionalization Errors in Gen Plant
Total Administration and General Expenses	14,965,964	18,299,596	3,333,631	

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

**PUGET
2004**

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Total Operations and Maintenance	927,377,766	930,711,535	3,333,768	
<i>(Total Expenses: Production + Transmission + Distribution + Customer and Sales + Total Administration and General Expenses)</i>				
Depreciation and Amortization:				
Amortization of Regulatory Assets		46,591,884	46,591,884	Error in assumption. Reg Asset Depr. Is not noted in FF1
Intangible Plant	682,472	682,472	-	
Steam Production Plant	21,144,259	21,144,259	-	
Nuclear Production Plant	-	-	-	
Hydraulic Production Plant - Conventional	11,183,784	11,183,784	-	
Hydraulic Production Plant - Pumped Storage	-	-	-	
Other Production Plant	4,922,126	4,922,126	-	
Transmission Plant	6,985,207	6,985,207	-	
Distribution Plant	-	-	-	
General Plant	2,135,691	2,315,424	179,733	Functionalization differences functionalization Errors in Gen Plant
Common Plant - Electric	-	-	-	
Total Depreciation and Amortization	47,053,538	93,825,156		
Schedule 3A Items: Taxes				
Taxes Accrued, Prepaid, and Charged During Year				
FEDERAL				
Total Federal	3,275,491	4,498,136	1,222,645	Labor taxes were functionalized with PTD in 07 Rate Case
STATE				
Washington	12,215,279	37,720,338	25,505,059	Local Occupation and Franchise Tax used PTD in 07 Rate Case

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET

2004

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
Idaho	3,447,936	3,456,288	8,352	
Montana	-	-	-	
Oregon	-	-	-	
California	-	-	-	
Arizona	-	-	-	
Total State	15,663,215	41,176,626	25,513,411	
County & Municipal				
Total County and Municipal	-	-	-	
Total Taxes	18,938,706	45,674,762	26,736,056	
<i>(Total Federal, State and County/Municipal Taxes)</i>				
<u>Schedule 3B Items: Other Included Items</u>				
Other Included Items:				
(Less) Gain from Disp. of Plant	(2,056,001)		2,056,001	Data Error in 07 Rate Case
Loss from Disposition of Plant	389,031		(389,031)	Data Error in 07 Rate Case
Total Disposition of Plant	(1,666,970)	-	1,666,970	
Sale from Resale:				
Sales for Resale	92,284,878	92,284,878	-	
Total Sales from Resale	92,284,878	92,284,878	-	
Other Revenues:				
(450) Forfeited Discounts	2,926,550	2,926,550	-	
(451) Miscellaneous Service Revenues	11,907,332	11,907,332	-	
(453) Sales of Water and Water Power	-	-	-	

Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET
2004

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
(454) Rent from Electric Property	9,694,755	9,694,755	-	
(455) Interdepartmental Rents	-	-	-	
(456) Other Electric Revenues	12,871,556	23,055,739	10,184,183	07 Rate Case consolidated Wheeling and Oth Rev. .
(456.1) Revenues from Transmission of Electricity of Others	10,184,183	-	(10,184,183)	04 Backcast split out Wheeling
(457.1) Regional Control Service Revenues	-	-	-	
(457.2) Miscellaneous Revenues	-	-	-	
Total Other Revenues	47,584,376	47,584,376	-	
Total Other Included Items <i>(Total Disposition of Plant + Total Sales from Resale + Total Other Revenue)</i>	138,202,284	139,869,254	1,666,970	
Total Operating Expenses <i>(Total O&M + Total Depreciation & Amortization + Total Taxes - Total Other Included Items)</i>	855,167,727	930,342,199	75,174,472	
Return from Rate Base <i>(Total Rate Base * Rate of Return)</i>	78,387,120	80,019,153	1,632,033	
Total Cost <i>(Total Operating Expenses + Return from Rate Base)</i>	933,554,847	1,010,361,351	76,806,505	

**Table 9.1.5.6
Revised 2004 Base Year ASC Determination
Average System Cost Cookbook**

**CURRENT FUNCTIONALIZATIONS
AND ASSUMPTIONS**

PUGET

2004

	Revised Forecast Total Production & Transmission	07 - Final Proposal Total Production & Transmission	Differential Exchange Cost	Notes
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Schedule 4: Average System Cost

	Revised Forecast <u>2004 Base Year</u>	2007 Final Proposal <u>2004 Base Year</u>	Differential
Total Production and Transmission Costs	933,554,847	1,010,361,351	
Total Retail Load (MWH)	19,876,790	21,487,128	
Distribution Losses	993,840	1,074,356	
Total Retail Load plus Distribution Losses	20,870,630	22,561,484	
Average System Cost before NLSL Adjustment	\$ 44.73	\$ 40.21	\$ 2.51
NLSL Loads MWh	0		
Cost of Serving NLSL	\$ -		
ASC after NLSL Adjustments	\$ 44.73		
Contract System Cost	\$ 933,554,847		
Contract System Load	20,870,630		
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.			
Average System Cost	\$ 44.73		

**Table 9.1.6.1
Revised 2007-2008 ASC Forecast**

AVISTA UTILITIES	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Inflation Rates		1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02		
Gas forecast	7	7	6.53	6.56	6.37	6.18	5.77	5.51	5.77	6.09		
Market forecast		60	60.00	58.46	50.87	50.68	51.95	53.25	54.58	55.94		
2006 Sale for Resale assumption	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%		
TRL Differential		174,361	430,905	596,566	776,663	983,267	1,188,340	1,388,890	1,564,454	1,676,882		
Cost on new load		10,461,654	25,854,318	34,875,223	39,505,110	49,832,259	61,731,100	73,952,825	85,383,458	93,807,424		
	Share	Coal Esc.										
Coal	49.0%	0.5%	19,452,596	19,549,859	19,647,608	19,745,846	19,844,576	19,943,798	20,043,517	20,143,735	20,244,454	20,345,676
NG	51.0%		20,226,327	21,782,198	20,304,845	20,398,574	19,837,087	19,234,777	17,955,321	17,141,170	17,939,588	18,956,781
Fuel			39,678,923	41,332,057	39,952,453	40,144,420	39,681,663	39,178,575	37,998,838	37,284,905	38,184,042	39,302,457
Non-Fuel Costs			411,706,570	419,940,701	426,468,078	434,608,101	443,554,446	452,807,963	463,213,369	474,693,873	486,020,791	497,424,502
Off-system Sales aMW	204	204	204	204	204	204	204	204	204	204		
Sale for Resale credit	71,994,600	85,733,875	85,733,875	83,533,372	72,681,160	72,416,995	74,227,420	76,083,105	77,985,183	79,934,812		
Total Prod & Trans Costs	379,390,893	386,000,537	406,540,974	426,094,372	450,060,058	469,401,802	488,715,888	509,848,498	531,603,109	550,599,572		
Total Retail Loads (MWh)	8,795,447	8,969,808	9,226,352	9,392,012	9,572,110	9,778,713	9,983,787	10,184,336	10,359,901	10,472,329		
ASC Before NLSL Adjustments	\$ 43.13	\$ 43.03	\$ 44.06	\$ 45.37	\$ 47.02	\$ 48.00	\$ 48.95	\$ 50.06	\$ 51.31	\$ 52.58		
NLSL Loads MWh	17,835	17,835	17,835	17,835	17,835	17,835	17,835	17,835	17,835	17,835		
Cost of Serving NLSL	816,232	832,557	845,498	861,636	879,372	897,718	918,347	941,108	963,564	986,173		
ASC after NLSL Adjustments	\$ 43.13	\$ 43.03	\$ 44.06	\$ 45.36	\$ 47.01	\$ 48.00	\$ 48.95	\$ 50.06	\$ 51.31	\$ 52.57		
Contract System Costs	378,574,661	385,167,981	405,695,476	425,232,736	449,180,686	468,504,084	487,797,541	508,907,390	530,639,544	549,613,399		
Contract System Loads	8,777,612	8,951,973	9,208,517	9,374,177	9,554,275	9,760,878	9,965,952	10,166,501	10,342,066	10,454,493		
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.												
Average System Cost	43.13	43.03	44.06	45.36	47.01	48.00	48.95	50.06	51.31	52.57		
Residential load	3,510,227	3,590,509	3,756,579	3,824,029	3,897,357	3,981,477	4,064,974	4,146,629	4,218,112	4,263,887		
Sales For Resale MWhs	2,232,653											
Sales for Resale Factor	80%											
Net Sales for Resale MWhs	1,786,122											
Sales for Resale Ave MW	204											

**Table 9.1.6.2
Final Supplemental Proposal
Revised 2007-2008 ASC Forecast**

Idaho Power	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Inflation Rates		1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02		
Gas forecast	7	7	6.53	6.56	6.37	6.18	5.77	5.51	5.77	6.09		
Market forecast		60	60.00	58.46	50.87	50.68	51.95	53.25	54.58	55.94		
2006 Sale for Resale assumption	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%		
TRL Differential		51,684	734,711	1,108,929	1,446,057	1,784,266	2,125,723	2,493,924	2,797,364	2,940,877		
Cost on new load		3,101,049	44,082,675	64,827,978	73,553,968	90,427,173	110,425,607	132,791,469	152,672,156	164,517,341		
	Share	Coal Escl										
Coal	95.3%	0.5%	98,387,370	98,879,307	99,373,703	99,870,572	100,369,925	100,871,774	101,376,133	101,883,014	102,392,429	102,904,391
NG	4.7%		4,874,063	5,248,991	4,892,984	4,915,570	4,780,265	4,635,123	4,326,805	4,130,614	4,323,013	4,568,133
Fuel			103,261,433	104,128,298	104,266,687	104,786,142	105,150,190	105,506,897	105,702,938	106,013,628	106,715,442	107,472,524
Non-Fuel Costs			485,564,739	495,276,033	502,974,390	512,574,693	523,125,970	534,039,523	546,311,609	559,851,660	573,210,572	586,660,054
Off-system Sales	264	264	264	264	264	264	264	264	264	264		
Sale for Resale credit	96,918,117	110,797,440	110,797,440	107,953,639	93,928,876	93,587,483	95,927,171	98,325,350	100,783,484	103,303,071		
Total Prod & Trans Costs	491,908,055	491,707,940	540,526,312	574,235,174	607,901,252	636,386,110	666,512,983	700,331,406	731,814,687	755,346,849		
Total Retail Loads (MWh)	13,901,568	13,953,253	14,636,280	15,010,497	15,347,626	15,685,835	16,027,291	16,395,492	16,698,932	16,842,446		
ASC Before NLSL Adjustments	\$ 35.39	\$ 35.24	\$ 36.93	\$ 38.26	\$ 39.61	\$ 40.57	\$ 41.59	\$ 42.71	\$ 43.82	\$ 44.85		
NLSL Loads MWh	367,920	367,920	367,920	367,920	367,920	367,920	367,920	367,920	367,920	367,920		
Cost of Serving NLSL	13,020,689	13,281,103	13,487,538	13,744,976	14,027,914	14,320,567	14,649,650	15,012,734	15,370,961	15,731,616		
ASC after NLSL Adjustments	\$ 36.78	\$ 36.02	\$ 39.08	\$ 40.78	\$ 42.34	\$ 43.44	\$ 44.50	\$ 45.65	\$ 46.61	\$ 47.01		
Contract System Costs	478,887,366	478,426,838	527,038,774	560,490,198	593,873,338	622,065,543	651,863,333	685,318,672	716,443,727	739,615,233		
Contract System Loads	13,533,648	13,585,333	14,268,360	14,642,577	14,979,706	15,317,915	15,659,371	16,027,572	16,331,012	16,474,526		
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.												
Average System Cost	35.39	35.24	36.93	38.26	39.61	40.57	41.59	42.71	43.82	44.85		
Residential load	6,660,452	6,538,585	7,038,389	7,218,346	7,380,466	7,543,106	7,707,308	7,884,371	8,030,291	8,099,305		
Sales For Resale MWhs	2,885,350											
Sales for Resale Factor	80%											
Net Sales for Resale MWhs	2,308,280											
Sales for Resale Ave MW	264											

**Table 9.1.6.3
Final Supplemental Proposal
Revised 2007-2008 ASC Forecast**

Northwestern	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Inflation Rates		1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02		
Gas forecast	7	7	6.53	6.56	6.37	6.18	5.77	5.51	5.77	6.09		
Market forecast		60	60.00	58.46	50.87	50.68	51.95	53.25	54.58	55.94		
2006 Sale for Resale assumption	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%		
TRL Differential		368,924	507,630	569,671	654,874	685,799	754,328	818,149	906,419	946,550		
Cost on new load		22,135,428	30,457,791	33,302,943	33,310,290	34,756,517	39,185,322	43,563,179	49,469,771	52,951,501		
	Share	Coal Escl.										
Coal	98.8%	0.5%	32,252,303	32,413,565	32,575,632	32,738,510	32,902,203	33,066,714	33,232,048	33,398,208	33,565,199	33,733,025
NG	1.2%		389,309	419,256	390,820	392,624	381,817	370,224	345,597	329,927	345,295	364,873
Fuel			32,641,612	32,832,820	32,966,453	33,131,135	33,284,020	33,436,938	33,577,645	33,728,135	33,910,494	34,097,898
Non- Fuel Costs			445,409,106	454,317,288	461,378,999	470,185,369	479,864,068	489,875,082	501,132,281	513,552,586	525,806,732	538,143,958
Off-system Sales	285	285	285	285	285	285	285	285	285	285	285	
Sale for Resale credit	91,686,499	119,815,565	119,815,565	116,740,299	101,574,019	101,204,840	103,734,961	106,328,335	108,986,543	111,711,207		
Total Prod & Trans Costs	386,364,219	389,469,971	404,987,678	419,879,148	444,884,358	456,863,698	470,160,288	484,515,565	500,200,453	513,482,150		
Total Retail Loads (MWh)	6,862,353	7,231,277	7,369,983	7,432,023	7,517,227	7,548,152	7,616,681	7,680,502	7,768,772	7,808,903		
ASC Before NLSL Adjustments	\$ 56.30	\$ 53.86	\$ 54.95	\$ 56.50	\$ 59.18	\$ 60.53	\$ 61.73	\$ 63.08	\$ 64.39	\$ 65.76		
NLSL Loads MWh	-	-	-	-	-	-	-	-	-	-		
Cost of Serving NLSL	-	-	-	-	-	-	-	-	-	-		
ASC after NLSL Adjustments	\$ 56.30	\$ 53.86	\$ 54.95	\$ 56.50	\$ 59.18	\$ 60.53	\$ 61.73	\$ 63.08	\$ 64.39	\$ 65.76		
Contract System Costs	386,364,219	389,469,971	404,987,678	419,879,148	444,884,358	456,863,698	470,160,288	484,515,565	500,200,453	513,482,150		
Contract System Loads	6,862,353	7,231,277	7,369,983	7,432,023	7,517,227	7,548,152	7,616,681	7,680,502	7,768,772	7,808,903		
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.												
Average System Cost	56.30	53.86	54.95	56.50	59.18	60.53	61.73	63.08	64.39	65.76		
Revised ASC												
Residential load	836,111	847,092	898,218	951,068	961,972	965,929	974,699	982,866	994,162	999,297		
Sales For Resale MWhs	3,120,197											
Sales for Resale Factor	80%											
Net Sales for Resale MWhs	2,496,158											
Sales for Resale Ave MW	285											

**Table 9.1.6.4
Final Supplemental Proposal
Revised 2007-2008 ASC Forecast**

PacifiCorp	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Inflation Rates		1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02		
Gas forecast	7	7	6.53	6.56	6.37	6.18	5.77	5.51	5.77	6.09		
Market forecast		60	60.00	58.46	50.87	50.68	51.95	53.25	54.58	55.94		
2004 Sale for Resale assumption	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%		
TRL Differential		226,462	1,000,511	1,696,003	1,982,444	2,174,396	2,430,331	2,705,613	3,092,492	3,473,421		
Cost on new load		13,587,714	60,030,684	99,148,321	100,837,403	110,199,093	126,249,191	144,063,065	168,779,422	194,308,673		
	Share	Coal Esc.										
Coal	86.4%	0.50%	183,780,767	184,699,671	185,623,169	186,551,285	187,484,042	188,421,462	189,363,569	190,310,387	191,261,939	192,218,249
NG	13.6%		28,885,651	31,107,624	28,997,784	29,131,640	28,329,769	27,469,597	25,642,378	24,479,672	25,619,910	27,072,585
Fuel			212,666,418	215,807,295	214,620,953	215,682,925	215,813,810	215,891,059	215,005,947	214,790,059	216,881,849	219,290,834
Non Fuel Costs			742,507,615	757,357,767	769,129,809	783,810,238	799,944,860	816,633,460	835,399,479	856,104,423	876,532,378	897,098,828
Off-system Sales			667	667	667	667	667	667	667	667	667	667
Sale for Resale credit			114,848,361	280,640,652	280,640,652	273,437,542	237,913,989	237,049,271	242,975,502	249,049,890	255,276,137	261,658,041
Total Prod & Trans Costs			840,325,672	706,112,125	763,140,795	825,203,942	878,682,084	905,674,341	933,679,115	965,907,658	1,006,917,511	1,049,040,294
Total Retail Loads (MWh)			21,479,607	21,706,069	22,480,119	23,175,610	23,462,052	23,654,004	23,909,939	24,185,220	24,572,100	24,953,028
ASC Before NLSL Adjustments	\$ 39.12	\$ 32.53	\$ 33.95	\$ 35.61	\$ 37.45	\$ 38.29	\$ 39.05	\$ 39.05	\$ 39.94	\$ 40.98	\$ 42.04	
NLSL Loads MWh	-	-	-	-	-	-	-	-	-	-	-	
Cost of Serving NLSL	-	-	-	-	-	-	-	-	-	-	-	
ASC after NLSL Adjustments	\$ 39.12	\$ 32.53	\$ 33.95	\$ 35.61	\$ 37.45	\$ 38.29	\$ 39.05	\$ 39.05	\$ 39.94	\$ 40.98	\$ 42.04	
Contract System Costs			840,325,672	706,112,125	763,140,795	825,203,942	878,682,084	905,674,341	933,679,115	965,907,658	1,006,917,511	1,049,040,294
Contract System Loads			21,479,607	21,706,069	22,480,119	23,175,610	23,462,052	23,654,004	23,909,939	24,185,220	24,572,100	24,953,028
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.												
Average System Cost	39.12	32.53	33.95	35.61	37.45	38.29	39.05	39.05	39.94	40.98	42.04	
Residential load	8,767,857	8,960,693	9,251,568	9,463,011	9,579,971	9,658,348	9,762,851	9,875,253	10,033,223	10,188,763		
Total Sale for Resale MWH	13,356,980											
NW Share Percentage	44%											
NW Share MWhs	5,846,680											
Average MW	667											

**Table 9.1.6.5
Final Supplemental Proposal
Revised 2007-2008 ASC Forecast**

Portland General	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Inflation Rates		1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02		
Gas forecast	7	7	6.53	6.56	6.37	6.18	5.77	5.51	5.77	6.09		
Market forecast		60	60.00	58.46	50.87	50.68	51.95	53.25	54.58	55.94		
2006 Sale for Resale assumption	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%		
TRL Differential		-235,296	701,808	1,751,427	1,975,894	2,202,659	2,430,092	2,650,106	2,986,590	3,186,004		
Cost on new load	-	(14,117,733)	42,108,507	102,388,447	100,504,212	111,631,468	126,236,779	141,107,551	162,999,560	178,230,087		
	Share	Coal Escl.										
Coal	32.7%	0.5%	44,803,760	45,027,779	45,252,918	45,479,182	45,706,578	45,935,111	46,164,787	46,395,611	46,627,589	46,860,727
NG	67.3%		92,297,679	99,397,500	92,655,976	93,083,682	90,521,482	87,772,994	81,934,522	78,219,354	81,862,729	86,504,430
Fuel			137,101,439	144,425,279	137,908,894	138,562,864	136,228,060	133,708,105	128,099,309	124,614,965	128,490,318	133,365,157
Non- Fuel Costs			1,021,870,282	1,042,307,688	1,058,508,868	1,078,712,692	1,100,917,839	1,123,885,394	1,149,711,982	1,178,206,998	1,206,320,811	1,234,625,226
Off-system Sales	853	853	853	853	853	853	853	853	853	853	853	
Sale for Resale credit	323,373,254	358,689,907	358,689,907	349,483,533	304,080,489	302,975,283	310,549,665	318,313,407	326,271,242	334,428,023		
Total Prod & Trans Costs	835,598,467	813,925,327	879,836,361	970,180,471	1,033,569,622	1,066,249,685	1,093,498,405	1,125,616,107	1,171,539,447	1,211,792,446		
Total Retail Loads (MWh)	18,652,345	18,417,049	19,354,153	20,403,772	20,628,239	20,855,004	21,082,437	21,302,451	21,638,934	21,838,349		
ASC Before NLSL Adjustments	\$ 44.80	\$ 44.19	\$ 45.46	\$ 47.55	\$ 50.10	\$ 51.13	\$ 51.87	\$ 52.84	\$ 54.14	\$ 55.49		
NLSL Loads MWh	229,603	229,603	229,603	229,603	229,603	229,603	229,603	229,603	229,603	229,603		
Cost of Serving NLSL	10,285,887	10,491,605	10,654,682	10,858,048	11,081,560	11,312,745	11,572,709	11,859,533	12,142,519	12,427,424		
ASC after NLSL Adjustments	\$ 44.80	\$ 44.18	\$ 45.45	\$ 47.55	\$ 50.13	\$ 51.15	\$ 51.88	\$ 52.85	\$ 54.15	\$ 55.50		
Contract System Costs	825,312,580	803,433,722	869,181,679	959,322,422	1,022,488,062	1,054,936,939	1,081,925,695	1,113,756,574	1,159,396,928	1,199,365,022		
Contract System Loads	18,422,742	18,187,446	19,124,550	20,174,169	20,398,636	20,625,401	20,852,834	21,072,848	21,409,331	21,608,746		
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.												
Average System Cost	44.80	44.18	45.45	47.55	50.10	51.13	51.87	52.84	54.14	55.49		
Residential load	7,716,910	7,766,126	8,049,271	8,286,384	8,377,545	8,469,639	8,562,004	8,651,356	8,788,009	8,868,995		
Sales For Resale MWs	9,340,883											
Sales for Resale Factor	80%											
Net Sales for Resale MWs	7,472,706											
Sales for Resale Ave MW	853											

Table 9.1.6.6
Final Supplemental Proposal
Revised 2007-2008 ASC Forecast

PUGET SOUND ENERGY	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Inflation Rates		1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02		
Gas forecast	7	7	6.53	6.56	6.37	6.18	5.77	5.51	5.77	6.09		
Market forecast		60	60.00	58.46	50.87	50.68	51.95	53.25	54.58	55.94		
2006 Sale for Resale assumption	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%		
TRL Differential		618,205	1,275,480	1,412,600	1,692,420	2,001,600	2,300,401	2,585,956	2,798,609	3,005,132		
Cost on new load		37,092,321	76,528,809	82,580,613	86,085,286	101,441,696	119,499,691	137,691,845	152,740,119	168,111,855		
	Share	Coal Escl.										
Coal	56.1%	0.5%	45,322,991	45,549,606	45,777,354	46,006,241	46,236,272	46,467,453	46,699,791	46,933,290	47,167,956	47,403,796
NG	43.9%		35,449,012	38,175,859	35,586,624	35,750,894	34,766,823	33,711,204	31,468,807	30,041,913	31,441,233	33,223,984
Fuel			80,772,003	83,725,465	81,363,978	81,757,135	81,003,095	80,178,658	78,168,598	76,975,202	78,609,189	80,627,780
Non-Fuel Costs			945,067,721	963,969,076	978,952,594	997,637,923	1,018,174,158	1,039,415,499	1,063,300,990	1,089,654,355	1,115,655,167	1,141,832,255
Off-system Sales	249	249	249	249	249	249	249	249	249	249		
Sale for Resale credit	92,284,878	104,516,390	104,516,390	101,833,803	88,604,096	88,282,057	90,489,109	92,751,337	95,070,120	97,446,873		
Total Prod & Trans Costs	933,554,847	980,270,471	1,032,328,991	1,060,141,868	1,096,658,442	1,132,753,795	1,170,480,170	1,211,570,066	1,251,934,355	1,293,125,017		
Total Retail Loads (MWh)	20,870,630	21,488,835	22,146,110	22,283,230	22,563,050	22,872,229	23,171,031	23,456,586	23,669,239	23,875,762		
ASC Before NLSL Adjustments	\$ 44.73	\$ 45.62	\$ 46.61	\$ 47.58	\$ 48.60	\$ 49.53	\$ 50.51	\$ 51.65	\$ 52.89	\$ 54.16		
NLSL Loads MWh	-	-	-	-	-	-	-	-	-	-		
Cost of Serving NLSL	-	-	-	-	-	-	-	-	-	-		
ASC after NLSL Adjustments	\$ 44.73	\$ 45.62	\$ 46.61	\$ 47.58	\$ 48.60	\$ 49.53	\$ 50.51	\$ 51.65	\$ 52.89	\$ 54.16		
Contract System Costs	933,554,847	980,270,471	1,032,328,991	1,060,141,868	1,096,658,442	1,132,753,795	1,170,480,170	1,211,570,066	1,251,934,355	1,293,125,017		
Contract System Loads	20,870,630	21,488,835	22,146,110	22,283,230	22,563,050	22,872,229	23,171,031	23,456,586	23,669,239	23,875,762		
Lesser of ASC Before NLSL Adjust & After NLSL Adjust.												
Average System Cost	44.73	45.62	46.61	47.58	48.60	49.53	50.51	51.65	52.89	54.16		
Residential load	11,066,787	11,382,320	11,674,554	11,746,838	11,894,349	12,057,336	12,214,852	12,365,385	12,477,488	12,586,358		
Sales For Resale MWhs	2,721,781											
Sales for Resale Factor	80%											
Net Sales for Resale MWhs	2,177,425											
Sales for Resale Ave MW	249											

Section 9.2: Description of Ratemaking Tables

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Description of Ratemaking Tables

Table 9.2.1 (Sales_01)

Total PF Load Forecast, FY2007-09 and Non-Slice PF Load Forecast, FY2007-09.

Gigawatthour (GWh) energy sales and peak kilowatt (kW)/mo. demand amounts for each month of the Rate Test Period FY 2007-09.

Table 9.2.2 (Sales_02)

Total PF Exchange Load Forecast, FY2007-09.

GWh energy sales and peak kW/mo. demand amounts for each month of the Rate Test Period FY 2007-09.

Table 9.2.2 (Sales_03)

Total IP Load Forecast, FY2007-09.

GWh energy sales and peak kW/mo. demand amounts for each month of the Rate Test Period FY 2007-09. (Note: No direct sale to the Direct Service Industry customers is forecast for this test period. In order to calculate a rate in the case where there is no actual load, the token load of 0.001 aMW was used.)

Table 9.2.2 (Sales_04)

Total NR Load Forecast, FY2007-09.

GWh energy sales and peak kW/mo. demand amounts for each month of the Rate Test Period FY 2007-09. (Note: No sale under the NR rate schedule is forecast for this test period. In order to calculate a rate in the case where there is no actual load, the token load of 0.001 aMW was used.)

Table 9.2.3.1 to Table 9.2.3.3 (COSA_06 FY2007 to COSA_06 FY208)

Itemized Revenue Requirements, FY2007-09.

Power Business Line (PBL) revenue requirements for each fiscal year during the rate test period.

Table 9.2.3.4 (COSA_07)

Functionalization of Residential Exchange Costs, FY2007-09.

REP costs are functionalized to generation to comport with other functionalized costs moving through the COSA into the Rate Design Step of the RAM.

Description of Ratemaking Tables

Table 9.2.3.5 (COSA_08)

Classified Revenue Requirement, FY2007-09.

Generation costs are classified between energy, demand, and load variance. All costs move through the COSA into the Rate Design Step of the RAM. Demand charge and load variance charge revenues are applied to the generation revenue requirement during the calculation of energy charges.

Table 9.2.3.6 (COSA_09)

Functionalized Revenue Credits, FY2007-09.

Revenue credits are anticipated revenues during the rate test period. In tables that follow, these revenue credits are directly assigned to Federal Base System (FBS) power and have the effect of reducing the cost of FBS resources in the ratemaking process.

Table 9.2.4.1 (ALLOCATE 01)

Energy Allocation Factors with Residential Exchange Included, FY2007-09.

Values are derived from the rate case load/resource balance and are average megawatt (aMW) at generation level (sales plus transmission losses). These EAFs are used in the resource pool to rate pool allocation determination.

Table 9.2.4.2 (ALLOCATE 02)

Initial Rate Pool Cost Allocation, FY2007-09.

Table shows the initial allocation of the revenue requirement costs from the COSA to rate pools using the EAFs from table ALLOCATE 01.

Table 9.2.5.1 (RDS_05)

Average Cost of Nonfirm Energy, FY2007-09.

Table calculates BPA's Average Cost of Nonfirm Energy.

Table 9.2.5.2 (RDS_06)

Bonneville Average System Cost (BASC), FY2007-09.

Table calculates BPA's Average System Cost (BASC) and shows the PPL-90 Settlement Bonneville Average System Cost (mills/kwh). This BASC reflects the terms of a settlement agreement executed between BPA and PacifiCorp. It is based on the WP-07 rate case record as of May of 2007. This BASC will be used as an input into the PacifiCorp PPL-90 Capacity Rate formula for FY 2009.

Description of Ratemaking Tables

Table 9.2.5.3 (RDS_11)

Allocation of Secondary Revenues and Other Revenue Credits, FY2007-09.

Tables summarize revenue from secondary power sales and revenues from Other Revenue Credits from Table COSA 09. These revenues are then allocated to rate pools using the EAFs from table ALLOCATE 01. The allocation is based on the service provided by the FBS and NR resources to these rate pools.

Table 9.2.5.4 (RDS_17)

Surplus Firm Power Revenues (Surplus)/Shortfall, FY2007-09.

Table calculates the firm surplus sale revenue (surplus)/shortfall. Generation revenue requirement costs allocated to FPS sales in table ALLOCATE 02 are reduced by the excess revenue credit allocated to FPS sales in table RDS_11. The resulting costs are compared with the revenues recovered from FPS sales, resulting in a revenue deficit. This revenue deficit is allocated based on the service provided by the FBS and NR resources to these rate pools.

Table 9.2.5.5 (RDS_19)

Summary of Initial Allocations, FY2007-09.

Table summarizes the allocations from Tables ALLOCATE 02, RDS 11, and RDS 17, as well as allocates Low Density Discount and Irrigation Rate Mitigation costs to the PF Preference rate pool.

Table 9.2.5.6 (RDS_21)

7(C)(2) Delta Calculation and Allocation of 7(C)(2) Delta, FY2007-09.

Table solves a formula for calculating the 7(c)(2) delta appropriate for this point in the model. Table allocates the 7(c)(2) delta to PF and NR rate classes based on allocation factors developed in ALLOCATE 01.

Table 9.2.5.7 (RDS_23)

Industrial Firm Power Floor Rate Calculation, FY2007-09.

The IP-83 rates are applied to the current DSI test period billing determinants to determine an average rate. Adjustments are made for Transmission, Exchange Cost, and Deferral to yield the DSI floor rate.

Description of Ratemaking Tables

Table 9.2.5.8 (RDS_24)

Industrial Firm Power Floor Rate Test, FY2007-09.

Table performs the DSI floor rate test and calculates the DSI floor rate adjustment if applicable. IP revenue under proposed rates is compared with revenue under the DSI floor rate. If DSI floor rate revenues are greater, a DSI floor rate adjustment is required. The amount of the DSI floor rate adjustment is then added to the IP allocated costs and subtracted from the other firm power rate pools allocated costs.

Table 9.2.5.9 (RDS_30)

Calculation of 7(b)(2) Protection Amount, FY2007-09.

Table calculates the 7(b)(2) PF preference protection amount, based on the "7(b)(2) trigger" calculated in the 7(b)(2) rate test. The protection amount is the 7(b)(2) trigger in mills/kWh times the PF preference billing determinants.

Table 9.2.5.10 (RDS_31)

Allocation of 7(b)(2) Protection Amount, FY2007-09.

Table allocates the 7(b)(2) protection amount from RDS_30 to PF Exchange, IP and NR rate pools. Allocation is based on allocation factors developed in ALLOCATE 01.

Table 9.2.5.11 (RDS_33)

7(b)(2) Industrial Adjustment_7(c)(2) Delta Calculation, FY2007-09.

Table calculates the 7(b)(2) Industrial Adjustment_7(c)(2) Delta. The 7(b)(2) Industrial Adjustment_7(c)(2) Delta is the difference between the DSI allocated revenue requirement at this point in the modeling and the expected DSI revenues. Expected DSI revenues are; IP revenues at the PF preference rate; plus revenues at the DSI net margin; plus 7(b)(2) protection amount allocated to the IP class.

Table 9.2.6 (SLICESEP_01)

Slice PF Product Separation, FY2007-09.

The previous rate design steps have been accomplished using the total firm PF Preference load in the PF Preference load pool. This table recognizes the PF Slice product by removing the firm loads, allocated costs, and secondary revenue credit associated with the PF Slice product from the PF Preference load pool. Here after, the PF Preference rate will be for the non-Slice portion of the PF firm loads.

Description of Ratemaking Tables

Table 9.2.7 (PF 2007-09)

Calculation of Priority Firm Preference Rate Components, FY2007-09.

Table calculates PF Preference rates. Marginal cost rates are scaled to produce rates that recover costs allocated to PF Preference energy. The demand charges are identical for all rate pools.

Table 9.2.8 (PFx 2007-09)

Calculation of Priority Firm Exchange Rate Components, FY2007-09.

Table calculates the PF Exchange rates. Marginal cost rates are scaled to produce rates that recover costs allocated to PF Exchange energy. The demand charges are identical for all rate pools.

Table 9.2.9 (REP_1)

Calculation of Look Back Net REP Benefits, FY2007-09.

The utilities' ASCs and the PF Exchange rate are used to determine their REP benefits.

Table 9.2.10 (IP 2007-09)

Calculation of Industrial Firm Power Rate Components, FY2007-09.

Table calculates IP rates. Marginal cost rates are scaled to produce rates that recover costs allocated to IP energy. The demand charges are identical for all rate pools.

Table 9.2.11 (NR 2007-09)

Calculation of New Resource Rate Components, FY2007-09.

Table calculates NR rates. Marginal cost rates are scaled to produce rates that recover costs allocated to NR energy. The demand charges are identical for all rate pools.

Table 9.2.12 (PF 2009 Flat)

Calculation of Flat Priority Firm Preference Rate, FY2007-09.

Table calculates the average annual flat PF Preference rate. The PF Preference energy and demand rates are applied to a flat load to determine an average annual flat PF Preference rate. Example shown is for FY 2009

Table 9.2.13 (Slice Costing Table)

Slice Product Pricing

Table shows the costs and revenue credits associated with the PF Slice Product and calculates a cost per month per Slice Product percent.

Description of Ratemaking Tables

Table 9.2.14.1 (RDS_60A)

Allocated Costs and Unit Costs, Priority Firm Power

Table provides a summary of the various COSA cost allocations and Rate Design Adjustments associated with Priority Firm Power. A percent contribution to the final Priority Firm Power rate for each COSA cost allocation and Rate Design Adjustment is calculated.

Table 9.2.14.2 (RDS_60B)

Allocated Costs and Unit Costs, Priority Firm Preference Power and Priority Firm Exchange Power

Table provides a summary of the various COSA cost allocations and Rate Design Adjustments associated with Priority Firm Preference Power and Priority Firm Exchange Power. A percent contribution to the final Priority Firm Preference Power rate and Priority Firm Exchange Power rate for each COSA cost allocation and Rate Design Adjustment is calculated.

Table 9.2.14.3 (RDS_61)

Allocated Costs and Unit Costs, Industrial Firm Power

Table provides a summary of the various COSA cost allocations and Rate Design Adjustments associated with Industrial Firm Power. A percent contribution to the final Industrial Firm Power rate for each COSA cost allocation and Rate Design Adjustment is calculated.

Table 9.2.14.4 (RDS_62)

Allocated Costs and Unit Costs, New Resource Firm Power

Table provides a summary of the various COSA cost allocations and Rate Design Adjustments associated with New Resource Firm Power. A percent contribution to the final New Resource Firm Power rate for each COSA cost allocation and Rate Design Adjustment is calculated.

Table 9.2.14.5 (RDS_63)

Resource Cost Contribution

Table provides a summary of the percentages of each resource pool, FBS, Residential Exchange, and New Resources, used in ratemaking to serve each of the rate pools, PF, IP, NR, FPS.

Table 9.2.1

Sales 01

Total PF Load Forecast FY2007-09														Total Energy	
<u>GWh Energy Sales</u>														<u>GWh</u>	<u>aMW</u>
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>		
2007	HLH	2,890	3,211	3,537	3,458	3,041	3,190	2,809	2,814	2,883	2,970	3,013	2,730	60,840	6,945
	LLH	1,925	2,141	2,408	2,281	2,069	2,117	1,892	1,872	1,878	1,974	1,919	1,818		
	Demand	8,167	8,932	9,322	9,285	9,159	8,507	7,655	6,959	7,262	7,540	7,361	7,083		
2008	HLH	<u>2,998</u>	<u>3,289</u>	<u>3,633</u>	<u>3,540</u>	<u>3,159</u>	<u>3,222</u>	<u>2,896</u>	<u>2,870</u>	<u>2,985</u>	<u>3,067</u>	<u>3,045</u>	<u>2,816</u>	61,330	6,982
	LLH	1,855	2,070	2,294	2,179	2,039	2,084	1,821	1,827	1,942	1,957	1,963	1,781		
	Demand	8,647	9,424	9,807	9,799	9,737	8,972	7,999	7,332	7,723	7,742	7,582	7,241		
2009	HLH	<u>3,042</u>	<u>3,277</u>	<u>3,715</u>	<u>3,569</u>	<u>3,125</u>	<u>3,254</u>	<u>2,928</u>	<u>2,807</u>	<u>2,984</u>	<u>3,112</u>	<u>3,072</u>	<u>2,829</u>	61,568	7,028
	LLH	1,850	2,124	2,260	2,199	2,022	2,099	1,839	1,833	1,875	1,990	1,977	1,786		
	Demand	8,757	9,567	9,905	9,932	9,835	9,087	8,120	7,298	7,629	7,898	7,678	7,302		

Non-Slice PF Load Forecast FY2007-09														Total Energy	
<u>GWh Energy Sales</u>														<u>GWh</u>	<u>aMW</u>
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>		
2007	HLH	2,195	2,445	2,772	2,849	2,475	2,521	2,225	2,197	2,082	2,171	2,236	2,091	47,050	5,371
	LLH	1,462	1,631	1,887	1,879	1,684	1,673	1,498	1,462	1,356	1,443	1,425	1,392		
	Demand	6,203	6,802	7,307	7,650	7,452	6,723	6,062	5,434	5,244	5,512	5,463	5,423		
2008	HLH	<u>2,281</u>	<u>2,504</u>	<u>2,843</u>	<u>2,913</u>	<u>2,558</u>	<u>2,544</u>	<u>2,293</u>	<u>2,176</u>	<u>2,101</u>	<u>2,245</u>	<u>2,262</u>	<u>2,161</u>	47,206	5,374
	LLH	1,411	1,576	1,796	1,793	1,651	1,645	1,442	1,385	1,367	1,433	1,458	1,367		
	Demand	6,579	7,176	7,675	8,063	7,885	7,085	6,334	5,560	5,436	5,668	5,632	5,558		
2009	HLH	<u>2,318</u>	<u>2,499</u>	<u>2,912</u>	<u>2,940</u>	<u>2,544</u>	<u>2,573</u>	<u>2,316</u>	<u>2,174</u>	<u>2,150</u>	<u>2,265</u>	<u>2,285</u>	<u>2,183</u>	47,600	5,434
	LLH	1,410	1,620	1,771	1,811	1,646	1,660	1,454	1,420	1,351	1,449	1,470	1,378		
	Demand	6,673	7,297	7,763	8,182	8,006	7,186	6,423	5,653	5,497	5,749	5,710	5,633		

Table 9.2.2

Sales 02

Total PF Exchange Load Forecast FY2007-09													Total Energy		
GWh Energy Sales													GWh	aMW	
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>		
2007	HLH	1,138	1,294	1,667	1,841	1,727	1,614	1,458	966	804	782	1,041	1,279	24,808	2,832
	LLH	688	744	937	1,208	1,096	975	834	606	437	441	520	710		
	Demand	3,782	4,002	5,077	5,758	5,563	4,060	3,948	2,708	2,285	2,607	3,080	3,768		
2008	HLH	1,146	1,301	1,674	1,843	1,730	1,618	1,483	991	834	813	1,071	1,305	25,131	2,869
	LLH	694	749	942	1,210	1,098	978	849	622	455	461	538	726		
	Demand	3,804	4,022	5,096	5,763	5,572	4,069	4,015	2,773	2,367	2,704	3,167	3,842		
2009	HLH	1,167	1,322	1,693	1,871	1,724	1,653	1,539	973	849	830	1,083	1,313	25,475	2,908
	LLH	708	763	954	1,230	1,095	1,000	884	611	465	472	545	732		
	Demand	3,869	4,084	5,155	5,847	5,345	4,157	4,166	2,724	2,407	2,752	3,200	3,864		

Sales 03

Total IP Load Forecast FY2007-09													Total Energy		
GWh Energy Sales													GWh	aMW	
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>		
2007	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2008	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2009	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		

Sales 04

Total NR Load Forecast FY2007-09													Total Energy		
GWh Energy Sales													GWh	aMW	
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>		
2007	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2008	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2009	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		

Table 9.2.3.1

COSA 06 - FY2007

COST OF SERVICE ANALYSIS

**Itemized Revenue Requirement
FY 2007**

(\$ 000)

	A	B	C	D	E
	<u>INVEST</u>	<u>NET</u>	<u>NET</u>	<u>OPER</u>	<u>TOTAL</u>
	<u>BASE</u>	<u>INT</u>	<u>REVS</u>	<u>EXP</u>	<u>(B+C+D)</u>
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,822,363	138,008	61,322	369,116	568,446
4. BPA FISH & WILDLIFE PROGRAM	138,056	3,951	1,756	170,285	175,992
5. TROJAN				14,005	14,005
6. WNP #1				148,141	148,141
7. WNP #2				459,359	459,359
8. WNP #3				151,724	151,724
9. SYSTEM AUGMENTATION				169,090	169,090
10. BALANCING POWER PURCHASES				54,017	54,017
11. TOTAL FEDERAL BASE SYSTEM	4,960,419	141,959	63,078	1,535,737	1,740,774
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,089	14,089
15. OTHER NEW RESOURCES PURCHASES				46,764	46,764
16. TOTAL NEW RESOURCES				60,853	60,853
17. RESIDENTIAL EXCHANGE				1,180,076	1,180,076
18. CONSERVATION		19,885	8,836	145,904	174,625
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	43,192	1,236	549	182,034	183,819
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	43,192	1,236	549	182,034	183,819
23. TOTAL GENERATION COSTS	5,003,611	163,080	72,463	3,104,603	3,340,146
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				124,614	124,614
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,300	1,300
27. GENERAL TRANSFER AGREEMENTS				47,000	47,000
28. TOTAL TRANSMISSION COSTS				172,914	172,914
29. TOTAL PBL REVENUE REQUIREMENT		163,080	72,463	3,277,517	3,513,060
30. BPA TRANSMISSION REVENUE REQUIREMENT (Net of Line 25)		171,925	0	357,323	529,248

Table 9.2.3.2

COSA 06 - FY2008

COST OF SERVICE ANALYSIS

**Itemized Revenue Requirement
FY 2008**

(\$ 000)

	A	B	C	D	E
	<u>INVEST</u>	<u>NET</u>	<u>NET</u>	<u>OPER</u>	<u>TOTAL</u>
	<u>BASE</u>	<u>INT</u>	<u>REVS</u>	<u>EXP</u>	<u>(B+C+D)</u>
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,839,612	146,342	31,365	379,441	557,148
4. BPA FISH & WILDLIFE PROGRAM	154,922	4,685	1,004	173,344	179,033
5. TROJAN				12,588	12,588
6. WNP #1				166,116	166,116
7. WNP #2				406,544	406,544
8. WNP #3				160,092	160,092
9. SYSTEM AUGMENTATION				118,024	118,024
10. BALANCING POWER PURCHASES				64,693	64,693
11. TOTAL FEDERAL BASE SYSTEM	4,994,534	151,027	32,369	1,480,842	1,664,238
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,078	14,078
15. OTHER NEW RESOURCES PURCHASES				53,147	53,147
16. TOTAL NEW RESOURCES				67,225	67,225
17. RESIDENTIAL EXCHANGE				1,238,017	1,238,017
18. CONSERVATION		21,064	4,514	148,597	174,175
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	36,463	1,102	236	184,422	185,761
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	36,463	1,102	236	184,422	185,761
23. TOTAL GENERATION COSTS	5,030,997	173,193	37,119	3,119,103	3,329,415
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				126,877	126,877
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,300	1,300
27. GENERAL TRANSFER AGREEMENTS				47,000	47,000
28. TOTAL TRANSMISSION COSTS				175,177	175,177
29. TOTAL PBL REVENUE REQUIREMENT		173,193	37,119	3,294,280	3,504,592
30. BPA TRANSMISSION REVENUE REQUIREMENT (Net of Line 25)		171,925	0	355,060	526,985

Table 9.2.3.3

COSA 06 - FY2009

COST OF SERVICE ANALYSIS

**Itemized Revenue Requirement
FY 2009**

(\$ 000)

	A	B	C	D	E
	<u>INVEST</u>	<u>NET</u>	<u>NET</u>	<u>OPER</u>	<u>TOTAL</u>
	<u>BASE</u>	<u>INT</u>	<u>REVS</u>	<u>EXP</u>	<u>(B+C+D)</u>
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,897,206	153,305	38,610	390,509	582,424
4. BPA FISH & WILDLIFE PROGRAM	169,810	5,316	1,339	174,625	181,280
5. TROJAN				3,100	3,100
6. WNP #1				163,482	163,482
7. WNP #2				461,669	461,669
8. WNP #3				153,030	153,030
9. SYSTEM AUGMENTATION				169,926	169,926
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,067,016	158,621	39,949	1,577,911	1,776,481
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,089	14,089
15. OTHER NEW RESOURCES PURCHASES				60,110	60,110
16. TOTAL NEW RESOURCES				74,199	74,199
17. RESIDENTIAL EXCHANGE				1,279,769	1,279,769
18. CONSERVATION		23,048	5,805	154,332	183,185
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	40,583	1,271	320	185,770	187,361
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	40,583	1,271	320	185,770	187,361
23. TOTAL GENERATION COSTS	5,107,599	182,940	46,074	3,271,981	3,500,994
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				131,515	131,515
26. 3RD PARTY TRANS/ANCILLARY SERVICES				3,000	3,000
27. GENERAL TRANSFER AGREEMENTS				48,000	48,000
28. TOTAL TRANSMISSION COSTS				182,515	182,515
29. TOTAL PBL REVENUE REQUIREMENT		182,940	46,074	3,454,496	3,683,509
30. BPA TRANSMISSION REVENUE REQUIREMENT (Net of Line 25)		171,925	0	350,422	522,347

Table 9.2.3.4

COSA 07

Functionalization of Residential Exchange Costs:

	<u>(\$ Thousands)</u>
Gross Residential Exchange Cost	\$ 3,697,862
Residential Exchange Transmission	<u>\$ 294,116</u>
Functionalized Residential Exchange Costs	\$ 3,403,746

Table 9.2.3.5

COSA 08

COST OF SERVICE ANALYSIS

Classified Revenue Requirement

Test Period October 2006 - September 2009

	<u>(\$ 000)</u>							
	Total Revenue Requirement		Energy		Demand		Load Variance	
	Requirement		Percent	Total	Percent	Total	Percent	Total
1. GENERATION COSTS								
2. FEDERAL BASE SYSTEM								
3. HYDRO	\$ 1,708,017	93.23%	\$ 1,592,407	5.84%	\$ 99,775	0.93%	\$ 15,835	
4. BPA FISH & WILDLIFE PROGRAM	\$ 536,305	94.16%	\$ 504,977	5.84%	\$ 31,329			
5. TROJAN	\$ 29,693	94.16%	\$ 27,958	5.84%	\$ 1,735			
6. WNP #1	\$ 477,739	94.16%	\$ 449,832	5.84%	\$ 27,907			
7. WNP #2	\$ 1,327,572	93.23%	\$ 1,237,713	5.84%	\$ 77,551	0.93%	\$ 12,308	
8. WNP #3	\$ 464,846	94.16%	\$ 437,692	5.84%	\$ 27,154			
9. SYSTEM AUGMENTATION	\$ 457,040	93.23%	\$ 426,104	5.84%	\$ 26,698	0.93%	\$ 4,237	
10. BALANCING POWER PURCHASES	<u>\$ 180,279</u>	93.23%	<u>\$ 168,077</u>	5.84%	<u>\$ 10,531</u>	0.93%	<u>\$ 1,671</u>	
11. TOTAL FEDERAL BASE SYSTEM	\$ 5,181,492		\$ 4,844,760		\$ 302,679		\$ 34,052	
12. NEW RESOURCES								
13. IDAHO FALLS	\$ -				\$ -		\$ -	
14. COWLITZ FALLS	\$ 42,256	93.23%	\$ 39,396	5.84%	\$ 2,468	0.93%	\$ 392	
15. OTHER NEW RESOURCES PURCHASES	<u>\$ 160,021</u>	93.23%	<u>\$ 149,190</u>	5.84%	<u>\$ 9,348</u>	0.93%	<u>\$ 1,484</u>	
16. TOTAL NEW RESOURCES	\$ 202,277		\$ 188,586		\$ 11,816		\$ 1,875	
17. RESIDENTIAL EXCHANGE	\$ 3,403,746	100.00%	\$ 3,403,746					
18. CONSERVATION	\$ 531,984	94.16%	\$ 500,908	5.84%	\$ 31,076			
19. OTHER GENERATION COSTS								
20. BPA PROGRAMS	\$ 556,941	93.23%	\$ 519,243	5.84%	\$ 32,534	0.93%	\$ 5,164	
21. WNP #3 PLANT	<u>\$ -</u>				<u>\$ -</u>			
22. TOTAL OTHER GENERATION COSTS	\$ 556,941		\$ 519,243		\$ 32,534		\$ 5,164	
23. TOTAL GENERATION COSTS	<u>\$ 9,876,440</u>		<u>\$ 9,457,243</u>		<u>\$ 378,106</u>		<u>\$ 41,091</u>	
24. TRANSMISSION COSTS:								
25. TBL TRANSMISSION/ANCILLARY SERV	383,006	100.00%	\$ 383,006					
26. 3RD PARTY TRANS/ANCILLARY SERV	5,600	100.00%	\$ 5,600					
27. GENERAL TRANSFER AGREEMENTS	<u>142,000</u>	100.00%	<u>\$ 142,000</u>					
28. TOTAL TRANSMISSION COSTS	530,606		530,606					
29. TOTAL PBL REVENUE REQUIREMENT	<u>\$ 10,407,046</u>		<u>\$ 9,987,849</u>		<u>\$ 419,197</u>			

Table 9.2.3.6

COSA 09

COST OF SERVICE ANALYSIS

Functionalized Revenue Credits

Test Period October 2006 - September 2009

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Total</u>
	<u>(\$ 000)</u>			
Colville Credit	\$ 4,600	\$ 4,600	\$ 4,600	\$ 13,800
'4(h)(10)(c)	\$ 84,707	\$ 84,927	\$ 84,676	\$ 254,310
Ancillary and Reserve Service Revs.	\$ 73,131	\$ 61,970	\$ 62,715	\$ 197,817
Energy Efficiency & Misc. Revenues	\$ 16,305	\$ 16,328	\$ 16,353	\$ 48,986
Reserve Product Revenue	\$ 3,000	\$ 3,300	\$ 3,630	\$ 9,930
Downstream Benefits & Storage	\$ 8,921	\$ 8,921	\$ 8,921	\$ 26,763
Green Tags	\$ 1,079	\$ 1,082	\$ 1,082	\$ 3,243
Aluminum Hedging	\$ 875	\$ -	\$ -	\$ 875
Totals	\$ 192,618	\$ 181,129	\$ 181,977	\$ 555,724

Table 9.2.4.1

ALLOCATE 01

Energy Allocation Factors with Residential Exchange Included
Average Megawatts

	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>Totals</u>
Federal Base System				
Total Usage				
Priority Firm.....	10,053	10,121	10,217	30,390
Industrial Firm.....	0.001	0.001	0.001	0.003
New Resource Firm.....	0.001	0.001	0.001	0.003
Surplus Firm Other.....	1,367	1,358	1,329	4,055
Total.....	<u>11,420</u>	<u>11,479</u>	<u>11,546</u>	<u>34,445</u>
 Federal Base System				
Priority Firm.....	8,518	8,550	8,566	25,634
Industrial Firm.....	0.0	0.0	0.0	0.0
New Resource Firm.....	0.0	0.0	0.0	0.0
Surplus Firm Other.....	0.0	0.0	0.0	0.0
Total.....	<u>8,518</u>	<u>8,550</u>	<u>8,566</u>	<u>25,634</u>
 Residential Exchange				
Priority Firm.....	1,535	1,571	1,651	4,757
Industrial Firm.....	0.0	0.0	0.0	0.0
New Resource Firm.....	0.0	0.0	0.0	0.0
Surplus Firm Other.....	1,377	1,371	1,339	4,087
Total.....	<u>2,912</u>	<u>2,942</u>	<u>2,990</u>	<u>8,844</u>
 New Resource				
Priority Firm.....	0.0	0.0	0.0	0.0
Industrial Firm.....	0.0	0.0	0.0	0.0
New Resource Firm.....	0.0	0.0	0.0	0.0
Surplus Firm Other.....	0.0	0.0	0.0	0.0
Total.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
 Conservation				
Priority Firm.....	10,053	10,121	10,217	30,390
Industrial Firm.....	0.001	0.001	0.001	0.003
New Resource Firm.....	0.001	0.001	0.001	0.003
Surplus Firm Other.....	1,367	1,358	1,329	4,055
Total.....	<u>11,420</u>	<u>11,479</u>	<u>11,546</u>	<u>34,445</u>

Table 9.2.4.2

ALLOCATE 02

Initial Rate Pool Cost Allocations

(\$ 000)

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
CLASSES OF SERVICE:				
Priority Firm - Preference				
FBS	\$ 1,740,774	\$ 1,664,238	\$ 1,776,481	\$ 5,181,492
NR	\$ -	\$ -	\$ -	\$ -
Exchange	\$ 570,918.4	\$ 608,819.9	\$ 651,742.7	\$ 1,831,481.0
conservation	\$ 153,715	\$ 153,566	\$ 162,099	\$ 469,381
BPA programs	\$ 314,018	\$ 318,232	\$ 327,302	\$ 959,552
Total	\$ 2,779,426	\$ 2,744,855	\$ 2,917,625	\$ 8,441,906
Industrial Firm Power				
FBS	\$ -	\$ -	\$ -	\$ -
NR	\$ 0.04576	\$ 0.05089	\$ 0.05741	\$ 0.15406
Exchange	\$ 0.38528	\$ 0.40213	\$ 0.40904	\$ 1.19645
conservation	\$ 0.01572	\$ 0.01560	\$ 0.01631	\$ 0.04764
BPA programs	\$ 0.03212	\$ 0.03233	\$ 0.03294	\$ 0.09739
Total	\$ 0.47887	\$ 0.50096	\$ 0.51570	\$ 1.49553
New Resources Firm				
FBS	\$ -	\$ -	\$ -	\$ -
NR	\$ 0.04576	\$ 0.05089	\$ 0.05741	\$ 0.15406
Exchange	\$ 0.38528	\$ 0.40213	\$ 0.40904	\$ 1.19645
conservation	\$ 0.01572	\$ 0.01560	\$ 0.01631	\$ 0.04764
BPA programs	\$ 0.03212	\$ 0.03233	\$ 0.03294	\$ 0.09739
Total	\$ 0.47887	\$ 0.50096	\$ 0.51570	\$ 1.49553
Surplus Firm Power				
FBS	\$ -	\$ -	\$ -	\$ -
NR	\$ 60,853	\$ 67,225	\$ 74,199	\$ 202,277
Exchange	\$ 512,404	\$ 531,185	\$ 528,673	\$ 1,572,263
conservation	\$ 20,909	\$ 20,608	\$ 21,085	\$ 62,603
BPA programs	\$ 42,715	\$ 42,706	\$ 42,574	\$ 127,995
Total	\$ 636,881	\$ 661,725	\$ 666,531	\$ 1,965,137
			Grand Total	\$ 10,407,046

Table 9.2.5.1

RDS 05

RATE DESIGN STUDY**Average Cost of Nonfirm Energy**
Test Period October 2006 - September 2009

<u>Generation Costs:</u>	<u>(\$ 000)</u>
Federal Base System	\$ 5,181,492
New Resources	\$ 202,277
Exchange	\$ 3,697,862
Conservation and ESB	\$ 531,984
BPA Programs	\$ 556,941
Total Generation Costs	<u>\$ 10,170,556</u>
Transmission Costs For Firm Power	\$ 1,158,293
Transmission Costs For Nonfirm Pwr	\$ 383,006
Total Costs	<u>\$ 11,711,855</u>
 <u>Firm Power Sales:</u>	 <u>(GWh)</u>
Priority Firm	259,152
Industrial Power/Variable Industrial	0
New Resources	0
Other Obligations	29,247
FPS Pre-Sub., Slice Block, Rate Mitigation Contract Sales	<u>5,297</u>
Total Firm	293,696
Projected Trading Flr Sales	<u>58,658</u>
Total Sales	<u>352,354</u>
 Average Cost of Nonfirm (mills/kwh)	 <u>33.24</u>

Table 9.2.5.2

RDS 06

RATE DESIGN STUDY**Bonneville Average System Cost (BASC)**
Test Period October 2006 - September 2009

<u>Revenue Requirement:</u>	<u>(\$ Thousands)</u>
Cost of Service Analysis	\$ 12,279,742
Applicable Revenue Credits	<u>\$ (357,907)</u>
Total	<u>\$ 11,921,835</u>
 <u>Sales:</u>	 <u>(GWh)</u>
Firm Power	293,696
Nonfirm Energy	<u>58,658</u>
Total	<u>352,354</u>
 Bonneville Average System Cost (mills/kwh):	 <u>33.83</u>
PPL-90 Settlement Bonneville Average System Cost (mills/kwh)	<u>33.0</u> *

* This BASC reflects the terms of a settlement agreement executed between BPA and PacifiCorp. It is based on the WP-07 rate case record as of May of 2007. This BASC will be used as an input into the PacifiCorp PPL-90 Capacity Rate formula for FY 2009.

Table 9.2.5.3

RDS 11

Rate Design Study

Allocation of Secondary and Other Revenues

Test Period October 2006 - September 2009

(\$ 000)

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
Forecast of Secondary Revenues	\$ 600,634	\$ 582,252	\$ 566,351	\$ 1,749,236
Additional Secondary Revenues	\$ -	\$ -	\$ -	\$ -
Total Gross Secondary Revenues	\$ 600,634	\$ 582,252	\$ 566,351	\$ 1,749,236

Allocation of Secondary Revenues Credit				
	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
Priority Firm.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (1,749,236)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (1,749,236)

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
Total Other Revenue Credits	\$ 192,618	\$ 181,129	\$ 181,977	\$ 555,724

Allocation of Other Revenue Credits				
	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
Priority Firm.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (555,724)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (555,724)

Table 9.2.5.4

RDS 17

Rate Design Study

Calculation of FPS (Surplus)/Shortfall
 Test Period October 2006 - September 2009

(\$ 000)

FPS (Surplus)/Shortfall	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
Costs allocated to FPS contract sales	\$ 636,881	\$ 661,725	\$ 666,531	\$ 1,965,137
Expected Revenue from FPS contract sales	\$ (69,044)	\$ (69,187)	\$ (69,044)	\$ (207,274)
FPS Pre-Sub Contract Revenue	\$ (46,561)	\$ (47,781)	\$ (41,101)	\$ (135,443)
(Surplus)/Shortfall	\$ 521,277	\$ 544,757	\$ 556,386	\$ 1,622,420
Secondary Revenues allocated to FPS	\$ -	\$ -	\$ -	\$ -
Revenue Credits allocated to FPS	\$ -	\$ -	\$ -	\$ -
FPS (Surplus)/Shortfall	\$ 521,277	\$ 544,757	\$ 556,386	\$ 1,622,420

Rate Design Study

Allocation of FPS (Surplus)/Shortfall
 Test Period October 2006 - September 2009

(\$ 000)

Allocation of FPS (Surplus)/Shortfall	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
Priority Firm.....	\$ 521,277	\$ 544,757	\$ 556,386	\$ 1,622,420
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (521,277)	\$ (544,757)	\$ (556,386)	\$ (1,622,420)
Total.....	\$ -	\$ -	\$ -	\$ -

Table 9.2.5.5

RDS 19

Rate Design Study

Summary of Initial Allocations
 Test Period October 2006 - September 2009

(\$ 000)

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
Allocation of Revenue Requirement				
Priority Firm.....	\$ 2,779,426	\$ 2,744,855	\$ 2,917,625	\$ 8,441,906
Industrial Firm.....	\$ 0.47887	\$ 0.50096	\$ 0.51570	\$ 1.49553
New Resource Firm.....	\$ 0.47887	\$ 0.50096	\$ 0.51570	\$ 1.49553
Surplus Firm Other.....	\$ 636,881	\$ 661,725	\$ 666,531	\$ 1,965,137
Total.....	\$ 3,416,308	\$ 3,406,581	\$ 3,584,157	\$ 10,407,046
Allocation of Secondary Revenues Credit				
Priority Firm.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (1,749,236)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (1,749,236)
Allocation of other Revenues Credits				
Priority Firm.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (555,724)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (555,724)
Allocation of FPS (Surplus)/Shortfall				
Priority Firm.....	\$ 521,277	\$ 544,757	\$ 556,386	\$ 1,622,420
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (521,277)	\$ (544,757)	\$ (556,386)	\$ (1,622,420)
Total.....	\$ -	\$ -	\$ -	\$ -
Low Density Discount Expenses.....				
Priority Firm.....	\$ 22,289	\$ 22,612	\$ 22,853	\$ 67,754
Irrigation Rate Mitigation.....				
Priority Firm.....	\$ 10,000	\$ 10,000	\$ 10,000	\$ 30,000
Initial Allocation to Rate Pools.....				
Priority Firm.....	\$ 2,539,740	\$ 2,558,844	\$ 2,758,535	\$ 7,857,119
Industrial Firm.....	\$ 0.47887	\$ 0.50096	\$ 0.51570	\$ 1.49553
New Resource Firm.....	\$ 0.47887	\$ 0.50096	\$ 0.51570	\$ 1.49553
Surplus Firm Other.....	\$ 115,604	\$ 116,968	\$ 110,145	\$ 342,718
Total.....	\$ 2,655,345	\$ 2,675,813	\$ 2,868,681	\$ 8,199,839

Table 9.2.5.6

RDS 21

Rate Design Study

7(c)(2) Delta Calculation

Test Period October 2006 - September 2009

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
IP Allocated Costs	\$ 0.47887	\$ 0.50096	\$ 0.51570	\$ 1.49553
IP Revenues @ Net Margin adjustment	\$ 0.00368	\$ 0.00369	\$ 0.00368	\$ 0.01105
	\$ (0.00203)	\$ (0.00258)	\$ (0.00244)	\$ (0.00704)
IP Marginal Cost Rate Revenues	\$ 0.46121	\$ 0.46265	\$ 0.46135	\$ 1.38521
PF Marginal Cost Rate Revenues	\$ 4,653,551	\$ 4,705,530	\$ 4,740,296	\$ 14,099,377
PF Allocated Energy Costs	\$ 2,539,740	\$ 2,558,844	\$ 2,758,535	\$ 7,857,119
Numerator: 1-2-3-((4/5)*6)	0.22551	0.24826	0.24598	0.71959
PF Allocation Factor for Delta	10,053	10,121	10,217	30,390
NR Allocation Factor for Delta	0.001	0.001	0.001	0.003
Total Allocation Factors for Delta	10,053	10,121	10,217	30,390
Denominator: 1.0 + ((9/11)*(4/5))	1.0000	1.0000	1.0000	1.0000
DELTA: (Numerator / Denominator)	0.22551	0.24826	0.24598	0.71959

Rate Design Study

7(c)(2) Delta allocation

Test Period October 2006 - September 2009

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
IP-PF Linc Allocations:.....				
Priority Firm.....	\$ 0.226	\$ 0.248	\$ 0.246	\$ 0.720
Industrial Firm.....	\$ (0.226)	\$ (0.248)	\$ (0.246)	\$ (0.720)
New Resource Firm.....	\$ 0.000	\$ 0.000	\$ 0.000	\$ 0.000
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -
Total.....	\$ 0.000	\$ (0.000)	\$ (0.000)	\$ 0.000

Allocation to Rate Pools after Linc.....				
Priority Firm Preference.....	\$ 1,804,096	\$ 1,815,082	\$ 1,951,190	\$ 5,570,368
Priority Firm Exchange.....	\$ 735,644	\$ 743,762	\$ 807,346	\$ 2,286,752
Industrial Firm.....	\$ 0.253	\$ 0.253	\$ 0.270	\$ 0.776
New Resource Firm.....	\$ 0.479	\$ 0.501	\$ 0.516	\$ 1.496
Surplus Firm Other.....	\$ 115,604	\$ 116,968	\$ 110,145	\$ 342,718
Total.....	\$ 2,655,345	\$ 2,675,813	\$ 2,868,681	\$ 8,199,839

Table 9.2.5.7

RATE DESIGN STUDY

Industrial Firm Power Floor Rate Calculation

Test Period October 2006 - September 2009
(\$ Thousands)

	A	B	C	D	E	F
	DEMAND		ENERGY		Customer	Total/
	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Charge</u>	<u>Average</u>
	(Dec-Apr)	(May-Nov)	(Sep-Mar)	(Apr-Aug)		
1 IP Billing Determinants ¹	0.01500	0.02100	0.01529	0.01102	0.03600	0.02630
2 IP-83 Rates	4.62	2.21	14.70	12.20	7.34	
3 Revenue	0.06930	0.04641	0.22473	0.13440	0.26424	0.73908
4 Exchange Adj Clause for OY 1985						
5 New ASC Effective Jul 1, 1984						
6 Actual Total Exchange Cost (AEC)	938,442					
7 Actual Exchange Revenue (AER)	772,029					
8 Forecasted Exchange Cost (FEC)	1,088,690					
9 Forecasted Exchange Revenue (FER)	809,201					
10 Total Under/Over-recovery (TAR)						
11 (TAR=(AEC-AER)-(FEC-FER))	(113,076)					
12 Exchange Cost Percentage for IP (ECP)	0.521					
13 Rebate or Surcharge for IP (CCEA=TAR*ECP)	(58,913)					
14 OY 1985 IP Billing Determinants ²	24,368					
15 OY 1985 DSI Transmission Costs ³	92,960					
16 Adjustment for Transmission Costs ⁴	(3.81)					
17 Adjustment for the Exchange (mills/kWh) ⁵	(2.42)					
18 Adjustment for the Deferral (mills/kWh) ⁶	(0.90)					
19 IP-83 Average Rate (mills/kWh) ⁷	28.10					
20 Floor Rate (mills/kWh) ⁸	20.97					

Note 1 - Demand billing determinants are the test period DSI load expressed in noncoincidental demand MWs.

Note 2 - Billing determinants as forecast in the 1983 Rate Case Final Proposal (WP-83-FS-BPA-07, p. 82).

Note 3 - Transmission Costs as forecast in the 1983 Rate Case Final Proposal (WP-83-FS-BPA-07, p. 80).

Note 4 - Line 15 / Line 14

Note 5 - Rebate or Surcharge for IP divided by OY 1985 IP Billing Determinants

Note 6 - 1985 Final Rate Proposal (WP-85-FS-BPA-08A, p. 15).

Note 7 - Total Revenue Col F, divided by IP Billing Determinants, Col F

Note 8 - IP-83 Avg Rate adjusted for the effects of the Exchange and Deferral, Lines 16 + 17 + 18 + 19

Table 9.2.5.8

RDS 24

RATE DESIGN STUDY

Industrial Firm Power Floor Rate Test
 Test Period October 2006 - September 2009
 (\$ Thousands)

	A	B	C	D	E	F
	Unbundled Requirements Products	Total Transmission	Total Generation Demand	Total Energy	TOTALS	Average Rate
1 IP Billing Determinants				0.026		
2 Floor Rate (mills/kWh)				20.97		
3 Value of Reserves Credit (mills/kWh)						
4 Revenue at Floor Rate Less VOR Credit				0.55159	0.55159	20.97
5 IP Revenue Under Proposed Rates	0	0	0.05742	0.85042	0.90784	34.51
6 Difference ¹					0	

Note 1 - Difference is Line 4 - Line 5. If difference is negative, Floor Rate does not trigger and difference is set to zero.

Table 9.2.5.9

RDS 30

Rate Design Study

Calculation of 7(b)(2) Protection Amount
 Test Period October 2006 - September 2009

	Section 7(b)(2) Rate Test Trigger			
	3.40			
	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
Total PF Preference Load (GWH)	60840	61330	61568	183738
PF Preference Protection Amount	\$ 206,856	\$ 208,522	\$ 209,330	\$ 624,708

Table 9.2.5.10

RDS 31

Rate Design Study

Calculation of 7(b)(3) Protection Amount Allocation
 Test Period October 2006 - September 2009

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
7b2 Protection Allocation.....				
Priority Firm Preference.....	\$ (206,856)	\$ (208,522)	\$ (209,330)	\$ (624,708)
Priority Firm Exchange.....	\$ 206,856	\$ 208,521	\$ 209,330	\$ 624,708
Industrial Firm.....	\$ 0.073	\$ 0.073	\$ 0.072	\$ 0.218
New Resource Firm.....	\$ 0.073	\$ 0.073	\$ 0.072	\$ 0.218
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (0)	\$ 0	\$ 0	\$ 0

Allocation to Rate Pools after 7b2.....				
Priority Firm Preference.....	\$ 1,597,240	\$ 1,606,560	\$ 1,741,859	\$ 4,945,659
Priority Firm Exchange.....	\$ 942,500	\$ 952,284	\$ 1,016,676	\$ 2,911,460
Industrial Firm.....	\$ 0.326	\$ 0.326	\$ 0.342	\$ 0.994
New Resource Firm.....	\$ 0.552	\$ 0.574	\$ 0.588	\$ 1.713
Surplus Firm Other.....	\$ 115,604	\$ 116,968	\$ 110,145	\$ 342,718
Total.....	\$ 2,655,345	\$ 2,675,813	\$ 2,868,681	\$ 8,199,839

Table 9.2.5.11

RDS 33

Rate Design Study

7(b)(2) industrial Adjustment 7(c)(2) Delta Calculation

Test Period October 2006 - September 2009

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
IP Allocated Costs after 7c2 adjustment	\$ 0.25336	\$ 0.25270	\$ 0.26972	\$ 0.77578
IP share of 7b2 adjustment	\$ 0.07304	\$ 0.07288	\$ 0.07198	\$ 0.21791
Total IP revenue requirement	\$ 0.32641	\$ 0.32558	\$ 0.34170	\$ 0.99369
IP revenues at PF preference rate	\$ 0.22145	\$ 0.22019	\$ 0.23726	\$ 0.67889
IP Revenues @ Net Margin	\$ 0.00368	\$ 0.00369	\$ 0.00368	\$ 0.01105
IP share of 7b2 adjustment	\$ 0.07304	\$ 0.07288	\$ 0.07198	\$ 0.21791
Total IP revenue requirement	\$ 0.29817	\$ 0.29676	\$ 0.31292	\$ 0.90785
DELTA: (3 - 8)	\$ 0.02824	\$ 0.02882	\$ 0.02877	\$ 0.08584

FY 2007 FY 2008 FY 2009 Totals

IP-PF Linc 2 Allocation.....				
Priority Firm Preference.....	\$ -	\$ -	\$ -	\$ -
Priority Firm Exchange.....	\$ 0.02824	\$ 0.02882	\$ 0.02877	\$ 0.08584
Industrial Firm.....	\$ (0.02824)	\$ (0.02882)	\$ (0.02877)	\$ (0.08584)
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)

Allocation to Rate Pools after IP-PF Linc 2.....				
Priority Firm Preference.....	\$ 1,597,240	\$ 1,606,560	\$ 1,741,859	\$ 4,945,659
Priority Firm Exchange.....	\$ 942,500	\$ 952,284	\$ 1,016,676	\$ 2,911,460
Industrial Firm.....	\$ 0.29817	\$ 0.29676	\$ 0.31292	\$ 0.90785
New Resource Firm.....	\$ 0.55191	\$ 0.57384	\$ 0.58768	\$ 1.71344
Surplus Firm Other.....	\$ 115,604	\$ 116,968	\$ 110,145	\$ 342,718
Total.....	\$ 2,655,345	\$ 2,675,813	\$ 2,868,681	\$ 8,199,839

Table 9.2.6

SLICESEP 01

Rate Design Study

Slice PF Product Separation

Test Period October 2006 - September 2009

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Totals</u>
Slice Revenue requirement	\$ 508,347	\$ 506,162	\$ 539,657	\$ 1,554,165
Slice Revenue Credits	\$ (42,464)	\$ (39,994)	\$ (40,111)	\$ (122,569)
Net Slice PF Product Revenue Requirement	<u>\$ 465,882</u>	<u>\$ 466,168</u>	<u>\$ 499,546</u>	<u>\$ 1,431,596</u>
 Slice Implementation Expenses	 \$ 2,400	 \$ 2,400	 \$ 2,400	 \$ 7,200
 Amount to Allocate	 \$ 465,882	 \$ 466,168	 \$ 499,546	 \$ 1,431,596

Allocation of Slice Revenues				
Priority Firm Preference.....	\$ (465,882)	\$ (466,168)	\$ (499,546)	\$ (1,431,596)
Priority Firm Exchange.....	\$ -	\$ -	\$ -	\$ -
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -
Total	<u>\$ (465,882)</u>	<u>\$ (466,168)</u>	<u>\$ (499,546)</u>	<u>\$ (1,431,596)</u>

Allocation to Rate Pools after Slice Separation Step				
Priority Firm Preference.....	\$ 1,131,358	\$ 1,140,392	\$ 1,242,313	\$ 3,514,063
Priority Firm Exchange.....	\$ 942,500	\$ 952,284	\$ 1,016,676	\$ 2,911,460
Industrial Firm.....	\$ 0.298	\$ 0.297	\$ 0.313	\$ 0.908
New Resource Firm.....	\$ 0.552	\$ 0.574	\$ 0.588	\$ 1.713
Surplus Firm Other.....	\$ 115,604	\$ 116,968	\$ 110,145	\$ 342,717.54
Total	<u>\$ 2,189,463</u>	<u>\$ 2,209,645</u>	<u>\$ 2,369,135</u>	<u>\$ 6,768,243</u>

Table 9.2.7

Rate Design Study

Calculation of Priority Firm Preference Rate Components

Test Period October 2006 - September 2009

COMPROMISE PF PREFERENCE RATE SHAPE

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
Energy Mills/kwh												
HLH	33.77	36.02	37.59	31.91	32.59	30.23	28.37	23.70	21.45	26.42	30.94	31.94
LLH	24.74	26.27	27.58	23.08	23.31	22.16	20.39	16.38	11.39	19.34	22.95	25.63
MONTHLY DEMAND	2.21	2.36	2.48	2.10	2.14	1.99	1.87	1.55	1.42	1.74	2.04	2.10

LV Rate 0.53

PF billing determinants (GWHs)

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Total Energy		
HLH	6,793	7,448	8,527	8,701	7,576	7,638	6,834	6,548	6,333	6,682	6,782	6,435	141856	47285	5398
LLH	4,283	4,826	5,454	5,484	4,981	4,978	4,395	4,267	4,074	4,325	4,353	4,138			
Demand	19,455	21,274	22,745	23,895	23,343	20,994	18,819	16,647	16,177	16,929	16,806	16,614			
													97249273		

Revenue At Marginal Rates

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Maginal Revenues</u>	<u>Allocated Costs</u>	<u>Rate Factor</u>			
HLH \$	229,414	\$ 268,294	\$ 320,520	\$ 277,654	\$ 246,904	\$ 230,899	\$ 193,870	\$ 155,178	\$ 135,851	\$ 176,529	\$ 209,848	\$ 205,518	\$ 3,882,166	\$ 3,094,867	79.72%			
LLH \$	105,965	\$ 126,792	\$ 150,426	\$ 126,560	\$ 116,109	\$ 110,323	\$ 89,618	\$ 69,891	\$ 46,403	\$ 83,640	\$ 99,910	\$ 106,047						
Demand \$	42,995	\$ 50,208	\$ 56,408	\$ 50,179	\$ 49,954	\$ 41,778	\$ 35,192	\$ 25,803	\$ 22,972	\$ 29,456	\$ 34,284	\$ 34,889	\$ 474,117	\$ 378,106	79.72%			
													LV Revenue	\$ 51,542	\$ 41,091	79.72%		
																\$ 4,407,825	\$ 3,514,063	79.72%

PF rates	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	
HLH	26.92	28.72	29.97	25.44	25.98	24.10	22.62	18.89	17.10	21.06	24.67	25.46	
LLH	19.72	20.94	21.99	18.40	18.58	17.67	16.26	13.06	9.08	15.42	18.30	20.43	
Demand	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67	
												LV Rate	0.420

Revenues at Proposed Rates

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Totals</u>	
HLH \$	182,879	\$ 213,920	\$ 255,546	\$ 221,357	\$ 196,826	\$ 184,078	\$ 154,577	\$ 123,684	\$ 108,301	\$ 140,715	\$ 167,322	\$ 163,823	\$ 3,094,982	
LLH \$	84,464	\$ 101,067	\$ 119,937	\$ 100,897	\$ 92,548	\$ 87,970	\$ 71,466	\$ 55,725	\$ 36,992	\$ 66,687	\$ 79,667	\$ 84,532		
Demand \$	34,240	\$ 39,996	\$ 45,035	\$ 39,905	\$ 39,917	\$ 33,380	\$ 28,041	\$ 20,643	\$ 18,280	\$ 23,531	\$ 27,393	\$ 27,745	\$ 378,106	
													LV Revenue	\$ 40,845
														\$ 3,513,932

Non-Slice PF Average Rate		
Energy Costs \$	3,094,867	21.82
Demand Costs \$	378,106	2.67
Unbundled Cost \$	41,091	0.29
Total \$	3,514,063	24.77
Billing Determinants	141856	

Table 9.2.8

PFx 2007-09

Rate Design Study

Calculation of Priority Firm Exchange Rate Components

Test Period October 2006 - September 2009

LEVELIZED MARGINAL COSTS OF POWER

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
Energy Mills/kwh												
HLH	53.34	63.03	66.13	59.13	59.27	56.85	47.16	41.76	41.17	49.51	54.63	56.83
LLH	46.08	52.01	54.79	50.01	52.39	50.21	40.56	35.55	31.27	41.07	46.87	50.78
MONTHLY DEMAND	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

PFx billing determinants (GWHs)

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Total Energy
HLH	3,451	3,918	5,034	5,555	5,182	4,885	4,480	2,930	2,487	2,425	3,196	3,896	75,414
LLH	2,091	2,256	2,833	3,648	3,289	2,953	2,566	1,839	1,357	1,374	1,603	2,168	
Demand	11,456	12,109	15,328	17,369	16,480	12,285	12,129	8,205	7,059	8,063	9,447	11,473	

Revenue At Marginal Rates

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Maginal Revenues	Allocated Costs	Rate Factor	
Energy \$	280,379	364,227	488,063	510,952	479,378	425,969	315,386	187,736	144,857	176,466	249,710	331,501	\$ 3,954,626	\$ 2,679,476	67.76%	
Demand \$	20,162	22,764	30,349	29,006	28,181	19,534	18,072	10,174	7,976	11,207	15,399	19,160	\$ 231,984	\$ 231,984	100.00%	
													Transmission Costs	\$ 294,116	\$ 294,116	100.00%
													\$ 4,480,726	\$ 3,205,576		

PF exchange rates	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
Energy	34.28	39.98	42.04	37.61	38.35	36.82	30.33	26.67	25.53	31.48	35.26	37.04
Demand	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

Revenues at Proposed Rates

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Totals
Energy \$	189,972	246,784	330,689	346,198	324,805	288,617	213,691	127,201	98,149	119,566	169,193	224,610	\$ 2,679,476
Demand \$	20,162	22,764	30,349	29,006	28,181	19,534	18,072	10,174	7,976	11,207	15,399	19,160	\$ 231,984
													Transmission Costs
													\$ 294,116
													\$ 3,205,576

PF Exchange Average Rate		
Energy Costs	\$ 2,679,476	35.53
Demand Costs	\$ 231,984	3.08
Unbundled Cost	\$ -	0.00
Transmission Costs	\$ 294,116	3.90
Total	\$ 3,205,576	42.51
Billing Determinants	\$ 75,414	

Table 9.2.9

Rate Design Study

REP_1

Calculation of LookBack REP Benefits

	<u>2007</u>	<u>2008</u>
PUGET SOUND ENERGY		
Average System Cost	51.56	56.33
PF Exchange Rate	42.50	42.50
Residential Load	11,746,838	11,894,349
Benefits	\$ 106,438	\$ 164,474
PORTLAND GENERAL		
Average System Cost	46.75	52.29
PF Exchange Rate	42.50	42.50
Residential Load	8,286,384	8,377,545
Benefits	\$ 35,219	\$ 82,029
NORTHWESTERN		
Average System Cost	55.41	57.16
PF Exchange Rate	42.50	42.50
Residential Load	951,068	961,972
Benefits	\$ 12,281	\$ 14,099
AVISTA		
Average System Cost	47.36	51.10
PF Exchange Rate	42.50	42.50
Residential Load	3,824,029	3,897,357
Benefits	\$ 18,576	\$ 33,516
PACIFICORP WA		
Average System Cost	38.31	39.80
PF Exchange Rate	42.50	42.50
Residential Load	1,855,179	1,878,047
Benefits	\$ -	\$ -
PACIFICORP OR		
Average System Cost	41.97	43.65
PF Exchange Rate	42.50	42.50
Residential Load	5,977,338	6,051,019
Benefits	\$ -	\$ 6,937
PACIFICORP ID		
Average System Cost	37.38	39.05
PF Exchange Rate	42.50	42.50
Residential Load	1,336,202	1,352,673
Benefits	\$ -	\$ -
IDAHO POWER		
Average System Cost	31.85	34.02
PF Exchange Rate	42.50	42.50
Residential Load	7,218,346	7,380,466
Benefits	\$ -	\$ -
Total FY2007-08 Lookback REP Benefits	\$ 172,515	\$ 301,055

Table 9.2.10

Rate Design Study

Calculation of Industrial Firm Power Rate Components

Test Period October 2006 - September 2009

LEVELIZED MARGINAL COSTS OF POWER

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
Energy Mills/kwh												
HLH	53.34	63.03	66.13	59.13	59.27	56.85	47.16	41.76	41.17	49.51	54.63	56.83
LLH	46.08	52.01	54.79	50.01	52.39	50.21	40.56	35.55	31.27	41.07	46.87	50.78
MONTHLY DEMAND	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

IP billing determinants (GWHs)

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Total Energy
HLH	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.026
LLH	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Demand	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	

Revenue At Marginal Rates

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Maginal Revenues	Allocated Costs	Rate Factor
HLH \$	0.068	\$ 0.075	\$ 0.080	\$ 0.074	\$ 0.069	\$ 0.072	\$ 0.058	\$ 0.051	\$ 0.051	\$ 0.061	\$ 0.069	\$ 0.067	\$ 1.328	\$ 0.850	64.05%
LLH \$	0.044	\$ 0.051	\$ 0.056	\$ 0.049	\$ 0.046	\$ 0.048	\$ 0.038	\$ 0.036	\$ 0.029	\$ 0.041	\$ 0.045	\$ 0.050			
Demand \$	0.005	\$ 0.006	\$ 0.006	\$ 0.005	\$ 0.005	\$ 0.005	\$ 0.004	\$ 0.004	\$ 0.003	\$ 0.004	\$ 0.005	\$ 0.005	\$ 0.057	\$ 0.057	100.00%
													\$ 1.385	\$ 0.908	

IP rates	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
HLH	34.16	40.37	42.35	37.87	37.96	36.41	30.20	26.75	26.37	31.71	34.99	36.40
LLH	29.51	33.31	35.10	32.03	33.55	32.16	25.98	22.77	20.03	26.30	30.02	32.52
Demand	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

Revenues at Proposed Rates

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Totals
HLH \$	0.044	\$ 0.048	\$ 0.051	\$ 0.047	\$ 0.044	\$ 0.046	\$ 0.037	\$ 0.033	\$ 0.032	\$ 0.039	\$ 0.044	\$ 0.043	\$ 0.850
LLH \$	0.028	\$ 0.033	\$ 0.036	\$ 0.032	\$ 0.029	\$ 0.031	\$ 0.024	\$ 0.023	\$ 0.019	\$ 0.026	\$ 0.029	\$ 0.032	
Demand \$	0.005	\$ 0.006	\$ 0.006	\$ 0.005	\$ 0.005	\$ 0.005	\$ 0.004	\$ 0.004	\$ 0.003	\$ 0.004	\$ 0.005	\$ 0.005	\$ 0.057
													\$ 0.908

IP Average Rate	
Energy Costs \$	0.850
Demand Costs \$	0.057
Unbundled Cost \$	-
Total \$	0.908
Non-Slice Billing Determinants \$	0.026

Table 9.2.11

Rate Design Study

Calculation of New Resource Rate Components

Test Period October 2006 - September 2009

LEVELIZED MARGINAL COSTS OF POWER

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
Energy Mills/kwh												
HLH	53.34	63.03	66.13	59.13	59.27	56.85	47.16	41.76	41.17	49.51	54.63	56.83
LLH	46.08	52.01	54.79	50.01	52.39	50.21	40.56	35.55	31.27	41.07	46.87	50.78
MONTHLY DEMAND	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

NR billing determinants (GWHs)

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Total Energy
HLH	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.026
LLH	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Demand	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	

Revenue At Marginal Rates

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Maginal Revenues	Allocated Costs	Rate Factor
HLH \$	0.068	\$ 0.075	\$ 0.080	\$ 0.074	\$ 0.069	\$ 0.072	\$ 0.058	\$ 0.051	\$ 0.051	\$ 0.061	\$ 0.069	\$ 0.067	\$ 1.328	\$ 1.656	124.72%
LLH \$	0.044	\$ 0.051	\$ 0.056	\$ 0.049	\$ 0.046	\$ 0.048	\$ 0.038	\$ 0.036	\$ 0.029	\$ 0.041	\$ 0.045	\$ 0.050			
Demand \$	0.005	\$ 0.006	\$ 0.006	\$ 0.005	\$ 0.005	\$ 0.005	\$ 0.004	\$ 0.004	\$ 0.003	\$ 0.004	\$ 0.005	\$ 0.005	\$ 0.057	\$ 0.057	100.00%
													\$ 1.385	\$ 1.713	

NR rates	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
HLH	66.52	78.61	82.47	73.75	73.92	70.90	58.82	52.09	51.35	61.74	68.13	70.87
LLH	57.47	64.86	68.34	62.37	65.34	62.62	50.59	44.34	39.00	51.22	58.46	63.33
Demand	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

Revenues at Proposed Rates

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Totals
HLH \$	0.085	\$ 0.093	\$ 0.100	\$ 0.092	\$ 0.086	\$ 0.090	\$ 0.072	\$ 0.064	\$ 0.063	\$ 0.076	\$ 0.086	\$ 0.084	\$ 1.656
LLH \$	0.055	\$ 0.063	\$ 0.069	\$ 0.061	\$ 0.057	\$ 0.060	\$ 0.047	\$ 0.044	\$ 0.036	\$ 0.051	\$ 0.057	\$ 0.062	
Demand \$	0.005	\$ 0.006	\$ 0.006	\$ 0.005	\$ 0.005	\$ 0.005	\$ 0.004	\$ 0.004	\$ 0.003	\$ 0.004	\$ 0.005	\$ 0.005	\$ 0.057
													\$ 1.713

NR Average Rate		
Energy Costs	\$ 1.656	62.96
Demand Costs	\$ 0.057	2.18
Unbundled Cost	\$ -	0.00
Total	\$ 1.713	65.14
Non-Slice Billing Determinants	\$ 0.026	

Table 9.2.12

PF 2007-09 Flat

Rate Design Study

Calculation of Flat Priority Firm Preference Rate

Test Period October 2006 - September 2009

PF Preference Rates												
	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
HLH	26.92	28.72	29.97	25.44	25.98	24.10	22.62	18.89	17.10	21.06	24.67	25.46
LLH	19.72	20.94	21.99	18.40	18.58	17.67	16.26	13.06	9.08	15.42	18.30	20.43
Demand	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

Flat Load FY2007-09													
	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Total</u>
HLH	32.0	29.6	30.4	31.2	29.2	31.6	30.8	30.8	30.8	30.8	31.6	29.6	657.6
LLH	23.8	24.5	25.4	24.6	21.8	24.1	23.2	25.0	23.2	25.0	24.2	24.4	
Demand	75	75	75	75	75	75	75	75	75	75	75	75	

Revenues at Proposed Rates													
	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Total</u>
HLH	\$ 861	\$ 850	\$ 911	\$ 794	\$ 759	\$ 762	\$ 697	\$ 582	\$ 527	\$ 649	\$ 780	\$ 754	\$ 13,989
LLH	\$ 470	\$ 512	\$ 559	\$ 453	\$ 405	\$ 426	\$ 377	\$ 327	\$ 211	\$ 386	\$ 443	\$ 498	
Demand	\$ 132	\$ 141	\$ 149	\$ 125	\$ 128	\$ 119	\$ 112	\$ 93	\$ 85	\$ 104	\$ 122	\$ 125	\$ 1,436
													\$ 15,425

Flat PF Preference Rate FY2007-09	\$ 23.46
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Table 9.2.13

Slice Cost (1 of 3)

Slice Costing Table

	FY 2007 forecast	FY 2008 forecast	FY 2009 forecast
1 Operating Expenses			
2 Power System Generation Resources			
3 Operating Generation			
4 COLUMBIA GENERATING STATION (WNP-2)	263,669	188,688	242,902
5 BUREAU OF RECLAMATION	71,654	74,760	77,766
6 CORPS OF ENGINEERS	161,519	165,742	170,407
7 LONG-TERM CONTRACT GENERATING PROJECTS	24,932	25,314	25,751
8 Sub-Total	521,774	454,504	516,826
9 Operating Generation Settlement Payment			
10 COLVILLE GENERATION SETTLEMENT	16,968	17,354	17,749
11 SPOKANE GENERATION SETTLEMENT	0	0	0
12 Sub-Total	16,968	17,354	17,749
13 Non-Operating Generation			
14 TROJAN DECOMMISSIONING	5,400	4,700	3,100
15 WNP-1&3 DECOMMISSIONING	200	200	200
16 Sub-Total	5,600	4,900	3,300
17 Contracted Power Purchases			
18 PNCA HEADWATER BENEFIT	1,714	1,714	1,714
19 HEDGING/MITIGATION (omit except for those assoc. with inventory solution)			
20 DSI MONETIZED POWER SALE	59,000	59,000	59,000
21 OTHER POWER PURCHASES (short term - omit)			
22 Sub-Total	60,714	60,714	60,714
23 Augmentation Power Purchases			
24 AUGMENTATION POWER PURCHASES (omit - calculated below)			
25 CONSERVATION AUGMENTATION (omit)			
26 Residential Exchange/IOU Settlement Benefits			
27 PUBLIC RESIDENTIAL EXCHANGE	0	0	0
28 IOU RESIDENTIAL EXCHANGE	125,722	169,949	197,083
29 Renewable Generation (expenses related to reinvestment removed)	30,289	34,719	40,835
30 Generation Conservation			
31 LOW INCOME WEATHERIZATION & TRIBAL	5,000	5,000	5,000
32 ENERGY EFFICIENCY DEVELOPMENT	12,885	12,908	12,933
33 ENERGY WEB	1,000	1,000	1,000
34 LEGACY (Until 11/1/03 this was included with line 72)	3,728	2,638	2,114
35 MARKET TRANSFORMATION	10,000	10,000	10,000
36 TECHNOLOGY LEADERSHIP	1,300	1,300	1,300
37 INFRASTRUCTURE SUPPORT AND EVALUATION	1,000	1,000	1,000
38 BI-LATERAL CONTRACT ACTIVITY	1,000	1,000	1,000
39 Sub-Total	35,913	34,846	34,347
40 CONSERVATION RATE CREDIT	36,000	36,000	36,000
41 Power System Generation Sub-Total	832,979	812,986	906,854
42			
43 PBL Transmission Acquisition and Ancillary Services			
44 PBL Transmission Acquisition and Ancillary Services			
45 PBL - TRANSMISSION & ANCILLARY SERVICES			
45a Canadian Entitlement Agreement Transmission Expenses	24,806	25,550	26,991
45b PNCA & NTS Transmission and System Obligation Expenses	1,775	1,825	1,875
46 3RD PARTY GTA WHEELING	47,000	47,000	48,000
47 PBL - 3RD PARTY TRANS & ANCILLARY SVCS	0	0	0
48 RESERVE & OTHER SERVICES	8,462	8,462	8,462
49 TELEMETERING/EQUIP REPLACEMT	200	200	200
50 PBL Trans Acquisition and Ancillary Services Sub-Total	82,243	83,037	85,528
51			
52 Power Non-Generation Operations			
53 PBL System Operations			
54 EFFICIENCIES PROGRAM (omit TMS expenses)	0	0	0
55 INFORMATION TECHNOLOGY	0	0	0
56 GENERATION PROJECT COORDINATION	5,637	5,738	5,844
57 SLICE IMPLEMENTATION (omit - calculated separately)			
58 Sub-Total	5,637	5,738	5,844
59 PBL Scheduling			
60 OPERATIONS SCHEDULING	8,758	9,051	9,353
61 OPERATIONS PLANNING	5,202	5,358	5,521
62 Sub-Total	13,960	14,409	14,874
63 PBL Marketing and Business Support			
64 SALES & SUPPORT	15,884	16,278	16,745
64a Contractual exclusion	(5,360)	(5,360)	(5,360)
65 PUBLIC COMMUNICATION & TRIBAL LIAISON	0	0	0
66 STRATEGY, FINANCE & RISK MGMT	10,965	11,359	11,771
67 EXECUTIVE AND ADMINISTRATIVE SERVICES	845	840	834
68 CONSERVATION SUPPORT (EE staff costs)	6,441	6,692	6,953
69 Sub-Total	28,776	29,808	30,943
70 Power Non-Generation Operations Sub-Total	48,372	49,955	51,662

Table 9.2.13

Slice Costing Table

	FY 2007 forecast	FY 2008 forecast	FY 2009 forecast
71			
72	Fish and Wildlife/USF&W/Planning Council		
73	BPA Fish and Wildlife (includes F&W Shared Services)		
74	FISH & WILDLIFE	143,000	143,000
75	F&W HIGH PRIORITY ACTION PROJECTS		
76	Sub-Total	143,000	143,000
77	PBL-USF&W Lower Snake Hatcheries		
78	USF&W LOWER SNAKE HATCHERIES	18,600	19,500
79	PBL - Planning Council		
80	PLANNING COUNCIL	9,085	9,276
81	PBL - ENVIRONMENTAL REQUIREMENTS		
82	ENVIRONMENTAL REQUIREMENTS	500	500
83	Fish and Wildlife/USF&W/Planning Council Sub-Total	171,185	173,367
84			
85	BPA Internal Support		
86	CSRS/FERS		
87	ADDITIONAL POST-RETIREMENT CONTRIBUTION	10,550	9,000
88	Corporate Support - G&A (excludes direct project support)		
89	CORPORATE G&A	50,247	51,753
90	TBL Supply Chain - Shared Services	368	374
91	General and Administrative/Shared Services Sub-Total	61,165	61,127
92			
93	Bad Debt Expense		
94	Other Income, Expenses, Adjustments	1,800	1,800
95	Non-Federal Debt Service		
96	Energy Northwest Debt Service		
97	COLUMBIA GENERATING STATION DEBT SVC	195,690	217,856
98	WNP-1 DEBT SVC	147,941	165,916
99	WNP-3 DEBT SVC	151,724	160,092
100	EN RETIRED DEBT	0	0
101	EN LIBOR INTEREST RATE SWAP	0	0
102	Sub-Total	495,355	543,864
103	Non-Energy Northwest Debt Service		
104	TROJAN DEBT SVC	8,605	7,888
105	CONSERVATION DEBT SVC	5,203	5,198
106	COWLITZ FALLS DEBT SVC	11,619	11,583
107	WASCO DEBT SVC	-	1,664
108	Sub-Total	25,427	26,333
109	Non-Federal Debt Service Sub-Total	520,782	570,197
110			
111			
112	Total Operating Expenses	1,718,526	1,751,378
113			
114	Other Expenses		
115	Depreciation (excl. TMS)	118,058	121,829
116	Amortization (excludes ConAug amortization)	55,567	60,241
117	Net Interest Expense	163,080	173,193
118	LDD	22,289	22,612
119	Irrigation Rate Mitigation Costs	10,000	10,000
120	Sub-Total	368,994	387,875
121	Total Expenses	2,087,520	2,139,253
122			
123	Revenue Credits		
124	Ancillary and Reserve Service Revs. Total	73,131	61,970
125	Downstream Benefits and Pumping Power	8,921	8,921
126	4(h)(10)(c)	84,707	84,927
127	Colville and Spokane Settlements	4,600	4,600
128	FCCF	0	0
129	Energy Efficiency Revenues	12,885	12,908
130	Miscellaneous	3,420	3,420
131	Total Revenue Credits	187,664	176,746
132			
133	Augmentation Costs		
134	IOU Reduction of Risk Discount (includes interest)	23,024	23,024
135	**Costs in this box are not subject to True-Up**		
136	Forecasted Gross Augmentation Costs	49,005	0
137	Residual augmentation cost	97,062	95,001
138	Other augmentation cost		146,903
139	Minus revenues	67,993	64,641
140	Net Cost of Augmentation	101,098	105,286
141			
142			

Table 9.2.13

Slice Cost (3 of 3)

Slice Costing Table		FY 2007 forecast	FY 2008 forecast	FY 2009 forecast	
143	Minimum Required Net Revenue calculation				
144	Principal Payment of Fed Debt for Power	202,331	172,483	185,065	
145	Irrigation assistance	0	2,950	6,590	
146	Depreciation	118,058	121,829	124,594	
147	Amortization	71,658	76,332	81,263	
148	Capitalization Adjustment	(45,937)	(45,937)	(45,937)	
149	Bond Premium Amortization	613	613	185	
150	Principal Payment of Fed Debt exceeds non cash expenses	57,939	22,596	31,550	
151	Minimum Required Net Revenues	57,939	22,596	31,550	
152					
153	SLICE TRUE-UP ADJUSTMENT CALCULATION				3-Year Total Slice
154	Annual Slice Revenue Requirement (Amounts for each FY)	2,058,893	2,060,156	2,207,665	Rev. Req.
155	TRUE UP AMOUNT (Diff. between actuals and forecast)				\$ 6,326,715
156	AMOUNT BILLED (22.6278 percent)				
157	Slice Implementation Expenses (not incl. in base rate)	2,400	2,400	2,400	
158	TRUE UP ADJUSTMENT				
159					
160					
161	SLICE RATE CALCULATION (\$)				
162	Monthly Slice Revenue Requirement (3-Year total divided by 36 months)				\$ 175,742,071
163	One Percent of Monthly Requirement (Slice Rate per percent Slice - Monthly Slice Revenue Requirement divided by 100)				\$ 1,757,421
164					
165	ANNUAL BASE SLICE REVENUES				\$ 477,198,773
166	Annual Slice Implementation Expenses				\$ 2,400,000
167	TOTAL ANNUAL SLICE REVENUES				\$ 479,598,773

Table 9.2.14.1

RDS 60A

**RATE DESIGN STUDY
Allocated Costs and Unit Costs
Unbifurcated Priority Firm Power (PF)
(\$ Thousands)
Test Period October 2006 - September 2009**

GENERATION ENERGY	A ALLOCATED COSTS (\$ Thousands)	B UNIT COSTS (Mills/KwH)	C PERCENT CONTRIBUTION (Percent)
Federal Base System			
Hydro	1,708,017	6.591	21.74%
Fish & Wildlife	536,305	2.069	6.83%
Trojan	29,693	0.115	0.38%
WNP #1	477,739	1.843	6.08%
WNP #2	1,327,572	5.123	16.90%
WNP #3	464,846	1.794	5.92%
System Augmentation	457,040	1.764	5.82%
Balancing Power Purchases	180,279	0.696	2.29%
Total Federal Base System	5,181,492	19.994	65.95%
New Resources			
Gross Residential Exchange	1,831,481	7.067	23.31%
Conservation	469,381	1.811	5.97%
BPA Programs	959,552	3.703	12.21%
TOTAL COSA ALLOCATIONS	8,441,906	32.575	107.44%
WNP #3 Excess Revenue Credit			
Nonfirm Excess Revenue Credit	(1,749,236)	-6.750	-22.26%
Low Density Discount Expense	67,754	0.261	0.86%
Other Revenue Credits	(555,724)	-2.144	-7.07%
Irrigation Rate Mitigation Expense	30,000	0.116	0.38%
SP Revenue Surplus/Dfct Adj.	1,622,420	6.260	20.65%
7(c)(2) Delta Adjustment	1	0.000	0.00%
7(c)(2) Floor Rate Adjustment			
TOTAL RATE DESIGN ADJUSTMENTS	(584,786)	-2.257	-7.44%
Total Generation	7,857,120	30.319	100.00%
Billing Determinants With LDD Discount	259,152		

Table 9.2.14.2

RDS 60B

**RATE DESIGN STUDY
Allocated Costs and Unit Costs
Priority Firm Power (PF) Bifurcated
(\$ Thousands)
Test Period October 2006 - September 2009**

	<u>A</u> <u>ALLOCATED</u> <u>COSTS</u>	<u>B</u> <u>UNIT</u> <u>COSTS</u>	<u>C</u> <u>PERCENT</u> <u>CONTRIBUTION</u>
<u>Rate Design Step PF Rate</u>	(\$ Thousands)	(Mills/KwH)	(Percent)
PRIORITY FIRM PREFERENCE			
Revenue Reqmt @ PF Combined Rate	5,570,665	30.319	112.63%
7(b)(2) Credit	(624,708)	-3.400	-12.63%
Subtotal	4,945,957	26.919	100.00%
Floor Rate Adjustment			
TOTAL	4,945,957	26.919	100.00%
Total PF Preference Forecasted Sales	183,738	26.919	100.00%
<u>Slice Separation Step</u>			
Revenue Reqmt @ Subscription Step PF Pre	4,945,957		
Slice PF Product Revenues	(1,431,596)		
Revenue Reqmt @ Non-Slice PF Pref.	3,514,361		
Non-Slice PF Preference Forecasted Sales	141,856	24.774	
PRIORITY FIRM EXCHANGE			
Revenue Reqmt @ PF Combined Rate	2,286,454	30.319	71.33%
7(b)(2) Adjustment	624,708	8.284	19.49%
7(b)(2) Industrial Adjustment	0	0.000	0.00%
7(b)(2) Exchange Cost Adjustment			
Subtotal	2,911,162	38.602	90.82%
Floor Rate Adjustment			
Total Energy	2,911,162	38.602	90.82%
Total Transmission	294,116	3.900	9.18%
TOTAL	3,205,278	42.502	100.00%
Billing Determinants:			
Forecasted Exchange Loads	75,414	42.502	100.00%

Table 9.2.14.3

RDS 61

**RATE DESIGN STUDY
 Allocated Costs and Unit Costs
 Industrial Firm Power Rate (IP)
 (\$ Thousands/Unit Costs in Mills/KwH, or as Indicated)
 Test Period October 2006 - September 2009**

	A	B	C
	ALLOCATED	UNIT	PERCENT
	COSTS	COSTS	CONTRIBUTION
	(\$ Thousands)	(Mills/KwH)	(Percent)
GENERATION ENERGY			
Federal Base System			
Hydro			
Fish & Wildlife			
Trojan			
WNP #1			
WNP #2			
WNP #3			
System Augmentation			
Balancing Power Purchases			
Total Federal Base System			
New Resources	0.154	5.857	16.97%
Gross Residential Exchange	1.196	45.485	131.79%
Conservation	0.048	1.811	5.25%
Energy Services Business			
BPA Programs	0.097	3.702	10.73%
TOTAL COSA ALLOCATIONS	1.496	56.856	164.73%
Nonfirm Excess Revenue Credit			
Other Revenue Credits			
SP Revenue Surplus/Dfct Adj.			
7(c)(2) Delta Adjustment	(0.720)	-27.363	-79.28%
7(c)(2) Floor Rate Adjustment			
TOTAL RATE DESIGN ADJSTMTS	(0.720)	-27.363	-79.28%
Total Generation	0.776	29.493	85.45%
Total Allocated & Adjusted Costs	0.776	29.493	85.45%
7(b)(2) Adjustments			
7(b)(2) Amount	0.218	8.284	24.00%
7(b)(2) Industrial Adj.	(0.086)	-3.263	-9.46%
Total With 7(b)(2) Adjustments	0.908	34.514	100.00%
Billing Determinants:			
Energy (GwH)	0.026		

Table 9.2.14.4

RDS 62

**RATE DESIGN STUDY
 Allocated Costs and Unit Costs
 New Resources Firm Power (NR)
 (\$ Thousands/Unit Costs in Mills/KwH, or as Indicated)
 Test Period October 2006 - September 2009**

	A	B	C
	ALLOCATED	UNIT	PERCENT
	<u>COSTS</u>	<u>COSTS</u>	<u>CONTRIBUTION</u>
GENERATION ENERGY	(\$ Thousands)	(Mills/KwH)	(Percent)
Federal Base System			
Hydro			
Fish & Wildlife			
Trojan			
WNP #1			
WNP #2			
WNP #3			
System Augmentation			
Balancing Power Purchases			
Total Federal Base System			
New Resources	0.154	5.857	8.99%
Gross Residential Exchange	1.196	45.485	69.83%
Conservation	0.048	1.811	2.78%
BPA Programs	0.097	3.702	5.68%
TOTAL COSA ALLOCATIONS	1.496	56.856	87.28%
Nonfirm Excess Revenue Credit			
SP Revenue Surplus/Dfct Adj.			
7(c)(2) Delta Adjustment	0.000	0.000	0.00%
7(c)(2) Floor Rate Adjustment			
TOTAL RATE DESIGN ADJSTMTS	0.000	0.000	0.00%
Total Generation Energy	1.496	56.856	87.28%
Total Allocated & Adjusted Costs	1.496	56.856	87.28%
7(b)(2) Adjustments			
7(b)(2) Amount	0.218	8.284	12.72%
7(b)(2) Industrial Adj.			
7(b)(2) Exchange Cost Adjustment			
Total With 7(b)(2) Adjustments	1.713	65.140	100.00%
Billing Determinant / Energy (GWh)	0.026		

Table 9.2.14.5

RDS63

**RATE DESIGN STUDY
Rate Design Step Resource Cost Contribution
(\$ Thousands)
Test Period October 2006 - September 2009**

	A	B	C	D	E	F	G	H
	ALLOCATED GENERATION COSTS				PERCENTAGES			
	<u>FBS Resources</u>	<u>Exchange Resources</u>	<u>New Resources</u>	<u>Total</u>	<u>FBS Resources</u>	<u>Exchange Resources</u>	<u>New Resources</u>	<u>Total</u>
CLASSES OF SERVICE:								
Power Rates								
Priority Firm - Preference	3,673,656	1,298,512		4,972,169	73.88%	26.12%		100.00%
Priority Firm - Exchange	1,507,836	532,969		2,040,804	73.88%	26.12%		100.00%
Priority Firm Power - Total	5,181,492	1,831,481		7,012,973	73.88%	26.12%		100.00%
Industrial Firm Power		1	0	1		88.59%	11.41%	100.00%
New Resources Firm		1	0	1		88.59%	11.41%	100.00%
Surplus Firm Power		1,572,263	202,277	1,774,539		88.60%	11.40%	100.00%
TOTALS	5,181,492	3,403,746	202,277	8,787,515	58.96%	38.73%	2.30%	100.00%

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Section 10. 7(b)(2) Rate Test

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Description of Ratemaking Tables

7(b)(2) Rate Test Program Case

Table 10.1.1.1 (Sales_01)

Total PF Load Forecast, FY2007-13.

Gigawatthour (GWh) energy sales and peak kilowatt (kW)/mo. demand amounts for each month of the Rate Test Period Fiscal Year (FY) 2007-2013.

Table 10.1.1.2 (Sales_02)

Total PF Exchange Load Forecast, FY2007-13.

GWh energy sales and peak kW/mo. demand amounts for each month of the Rate Test Period FY 2007-2013.

Table 10.1.1.3 (Sales_03)

Total IP Load Forecast, FY2007-13.

GWh energy sales and peak kW/mo. demand amounts for each month of the Rate Test Period FY 2007-2013. (Note: No direct sale to the Direct Service Industry customers is forecast for this test period. In order to calculate a rate in the case where there is no actual load, the token load of 0.001 aMW was used.)

Table 10.1.1.4 (Sales_04)

Total NR Load Forecast, FY2007-13.

GWh energy sales and peak kW/mo. demand amounts for each month of the Rate Test Period FY 2007-2013. (Note: No sale under the NR rate schedule is forecast for this test period. In order to calculate a rate in the case where there is no actual load, the token load of 0.001 aMW was used.)

Table 10.1.2 (Exchange_01)

Forecast for Traditional Residential Exchange Program.

Forecast of potential exchanging utilities' average system cost (ASC) and exchangeable load.

Table 10.1.3.1 to Table 10.1.3.7 (COSA_06)

Itemized Revenue Requirements, FY2007-13.

Power Business Line (PBL) revenue requirements for each FY during the rate test period

Table 10.1.3.8 (COSA_07)

Functionalization of Residential Exchange Costs, FY2007.

REP costs are functionalized to generation to comport with other functionalized moving through COSA into the Rate Design Step of the RAM.

Table 10.1.3.9 (COSA_08)

Classified Revenue Requirement, FY2007.

Generation costs are classified between energy, demand, and load variance. All costs move through COSA into the Rate Design Step of the RAM. Demand charge and load variance charge revenues are applied to the generation revenue requirement during the calculation of energy charges.

Description of Ratemaking Tables

7(b)(2) Rate Test Program Case

Table 10.1.3.10 (COSA_09)

Functionalized Revenue Credits, FY2007-13.

Revenue credits are anticipated revenues during the rate test period. In tables that follow, these revenue credits are directly assigned to Federal Base System (FBS) power and have the effect of reducing the cost of FBS resources in the ratemaking process.

Table 10.1.4.1 (ALLOCATE 01)

Energy Allocation Factors w/ Res Exch, FY2007-13.

Values are derived from the rate case load/resource balance and are average megawatt (aMW) at generation level (sales plus transmission losses). These EAFs are used in the resource pool to rate pool allocation determination.

Table 10.1.4.2 (ALLOCATE 02)

Initial Rate Pool Cost Allocation, FY2007-13.

Table shows the initial allocation of the revenue requirement costs from the COSA to rate pools using the EAFs from table ALLOCATE 01.

Table 10.1.5.1 (RDS_11)

Allocation of Secondary Revenues and Other Revenue Credits, FY2007-13.

Tables summarize revenue from secondary power sales and revenues from Other Revenue Credits from Table COSA 09. These revenues are then allocated to rate pools using the EAFs from table ALLOCATE 01. The allocation is based on the service provided by the FBS and NR resources to these rate pools.

Table 10.1.5.2 (RDS_17)

Calculation of FPS (Surplus)/Shortfall, FY2007-13.

Table calculates the firm surplus sale revenue (surplus)/shortfall. Generation revenue requirement costs allocated to FPS sales in table ALLOCATE 02 are reduced by the excess revenue credit allocated to FPS sales in table RDS_11. The resulting costs are compared with the revenues recovered from FPS sales, resulting in a revenue deficit. This revenue deficit is allocated based on the service provided by the FBS and NR resources to these rate pools.

Table 10.1.5.3 (RDS_19)

Summary of Initial Allocations, FY2007-13.

Table summarizes the allocations from Tables ALLOCATE 02, RDS 11, and RDS 17, as well as allocates Low Density Discount and Irrigation Rate Mitigation costs to the PF Preference rate pool.

Description of Ratemaking Tables

7(b)(2) Rate Test Program Case

Table 10.1.5.4 (RDS_21)

7(C)(2) Delta Calculation and Allocation of 7(C)(2) Delta, FY2007-13.

Table solves a formula for calculating the 7(c)(2) delta appropriate for this point in the model. Table allocates the 7(c)(2) delta to PF and NR rate classes based on allocation factors developed in ALLOCATE 01.

Table 10.1.5.5 (RDS_23)

Industrial Firm Power Floor Rate Calculation, FY2007-13.

The IP-83 rates are applied to the current DSI test period billing determinants to determine an average rate. Adjustments are made for Transmission, Exchange Cost, and Deferral to yield the DSI floor rate.

Table 10.1.5.6 (RDS_24)

Industrial Firm Power Floor Rate Test, FY2007-13.

Table performs the DSI floor rate test and calculates the DSI floor rate adjustment if applicable. IP revenue under proposed rates is compared with revenue under the DSI floor rate. If DSI floor rate revenues are greater, a DSI floor rate adjustment is required. The amount of the DSI floor rate adjustment is then added to the IP allocated costs and subtracted from the other firm power rate pools allocated costs.

Table 10.6 (RDS_50)

Calculation of Priority Firm Preference Rate Components, FY2007.

Table calculates unbifurcated PF rates. Marginal cost rates are scaled down to produce rates that recover costs allocated to PF energy. Example shown is for FY 2007.

Description of Ratemaking Tables

7(b)(2) Rate Test Program Case

Table 10.2.1 (7b2 Sales_01)

7(b)(2) Case Load Forecast, FY2007-13.

GWh energy sales and peak kW/mo. demand amounts for each month of the 7(b)(2) Rate Test Period FY 2007-2013. These billing determinants are used to calculate PF Preference rates and revenues for the rate test period. For the 7(b)(2) Case, PF Preference sales assume no programmatic conservation has been achieved and DSI load within or adjacent to 7(b)(2) customer service areas will be served by those customers.

Table 10.2.2.1 (7B2 Resource_01)

Section 7(b)(2) Load Resource Balance Calculation, FY2007-13.

Table starts with the FBS resource from the Program Case used to serve posted rates load. Transmission losses are subtracted. The amount of Program Case FBS used to serve FPS load for contract not in force at the time of the Regional Power Act is added. The 7(b)(2) Case PF load is then subtracted to yield the amount of resource needed from the 7(b)(2) resource stack.

Table 10.2.2.2 (7B2 Resource_02)

Example of 7(b)(2) Resource Stack.

Table lists and example of the 7(b)(2) resources in order of least cost first. Resources include those that are owned by 7(b)(2) customers and are not dedicated to serve their own load. Programmatic conservation is also included.

Table 10.2.2.3 (7B2 Resource_03)

7(b)(2) New Resource Calculator, FY2007-13.

Table lists the cumulative 7(b)(2) resources needed for each year of the test period and the last resource taken from the resource stack to satisfy that need. Total aMWs and costs of resources brought on per year are listed. A remainder amount of load from the acquisition of resources is listed along with the extra secondary revenue assumed to be recovered from the sale of the remainder power in the market. The net cost of the additional resources taken from the stack is calculated and is included in the revenue requirement for each year in the rate test period.

Table 10.2.3.1 to Table 10.2.3.7 (COSA_06)

Itemized Revenue Requirements, FY2007-13.

Power Business Line (PBL) revenue requirements for each FY during the rate test period

Description of Ratemaking Tables

7(b)(2) Rate Test Program Case

Table 10.2.3.8 (COSA_08)

Classified Revenue Requirement, FY2007.

Generation costs are classified between energy, demand, and load variance. All costs move through COSA into the Rate Design Step of the RAM. Demand charge and load variance charge revenues are applied to the generation revenue requirement during the calculation of energy charges.

Table 10.2.3.9 (COSA_09)

Functionalized Revenue Credits, FY2007-13.

Revenue credits are anticipated revenues during the rate test period. In tables that follow, these revenue credits are directly assigned to Federal Base System (FBS) power and have the effect of reducing the cost of FBS resources in the ratemaking process.

Table 10.2.4.1 (ALLOCATE 01)

Energy Allocation Factors (EAF), FY2007-13.

Values are derived from the rate case load/resource balance and are average megawatt (aMW) at generation level (sales plus transmission losses). These EAFs are used in the resource pool to rate pool allocation determination.

Table 10.2.4.2 (ALLOCATE 02)

Initial Rate Pool Cost Allocation, FY2007-13.

Table shows the initial allocation of the revenue requirement costs from the COSA to rate pools using the EAFs from table ALLOCATE 01.

Table 10.2.5.1 (RDS_11)

Allocation of Secondary Revenues and Other Revenue Credits, FY2007-13.

Tables summarize revenue from secondary power sales and revenues from Other Revenue Credits from Table COSA 09. These revenues are then allocated to rate pools using the EAFs from table ALLOCATE 01. The allocation is based on the service provided by the FBS and NR resources to these rate pools.

Table 10.2.5.2 (RDS_17)

Calculation of FPS (Surplus)/Shortfall, FY2007-13.

Table calculates the firm surplus sale revenue (surplus)/shortfall. Generation revenue requirement costs allocated to FPS sales in table ALLOCATE 02 are reduced by the excess revenue credit allocated to FPS sales in table RDS_11. The resulting costs are compared with the revenues recovered from FPS sales, resulting in a revenue deficit. This revenue deficit is allocated based on the service provided by the FBS and NR resources to these rate pools.

Description of Ratemaking Tables

7(b)(2) Rate Test Program Case

Table 10.2.5.3 (RDS_19)

Summary of Initial Allocations, FY2007-13.

Table summarizes the allocations from Tables ALLOCATE 02, RDS 11, and RDS 17, as well as allocates Low Density Discount and Irrigation Rate Mitigation costs to the PF Preference rate pool.

Table 10.2.6 (RDS_50)

Calculation of 7(b)(2) Case Priority Firm Preference Rate Components, FY2007.

Table calculates 7(b)(2) Case PF rates. Marginal cost rates are scaled down to produce rates that recover costs allocated to PF energy. Example shown is for FY 2007.

Table 10.1.1.1

Sales_01

Total PF Load Forecast FY2007-13														Total	
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Energy	aMW
2007	HLH	2890	3211	3537	3458	3041	3190	2809	2814	2883	2970	3013	2730	60840	6945
	LLH	1925	2141	2408	2281	2069	2117	1892	1872	1878	1974	1919	1818		
	Demand	8167	8932	9322	9285	9159	8507	7655	6959	7262	7540	7361	7083		
2008		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	61330	6982
	HLH	2998	3289	3633	3540	3159	3222	2896	2870	2985	3067	3045	2816		
	LLH	1855	2070	2294	2179	2039	2084	1821	1827	1942	1957	1963	1781		
Demand	8647	9424	9807	9799	9737	8972	7999	7332	7723	7742	7582	7241			
2009		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	61568	7028
	HLH	3042	3277	3715	3569	3125	3254	2928	2807	2984	3112	3072	2829		
	LLH	1850	2124	2260	2199	2022	2099	1839	1833	1875	1990	1977	1786		
Demand	8757	9567	9905	9932	9835	9087	8120	7298	7629	7629	7898	7678	7302		
2010		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	62207	7101
	HLH	3057	3296	3736	3548	3147	3310	2938	2886	3079	3067	3152	2857		
	LLH	1855	2130	2266	2248	2025	2067	1849	1880	1932	2058	2025	1800		
Demand	8837	9655	9999	10028	9930	9171	8192	7529	7899	7963	7731	7396			
2011		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	62327	7115
	HLH	3047	3369	3763	3579	3173	3336	2963	2845	3021	3120	3160	2872		
	LLH	1901	2097	2283	2261	2038	2079	1861	1849	1892	2042	1964	1813		
Demand	8964	9748	10120	10151	10052	9281	8291	7450	7775	8071	7832	7471			
2012		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	63183	7213
	HLH	3045	3383	3768	3564	3233	3348	2922	3030	3296	3201	3235	2866		
	LLH	1896	2082	2277	2287	2072	2047	1896	1858	2025	2085	1948	1820		
Demand	9189	10025	10374	10391	10376	9489	8485	8159	8204	8401	8142	7647			
2013		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	63286	7224
	HLH	3095	3403	3743	3638	3196	3332	2983	2987	3202	3258	3260	2888		
	LLH	1867	2086	2327	2258	2091	2100	1870	1828	2019	2066	1959	1830		
Demand	9270	10113	10467	10514	10436	9598	8581	8068	8084	8488	8226	7729			

Table 10.1.1.2

Sales_02

Total PF Exchange Load Forecast FY2007-13														Total	
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Energy	aMW
2007	HLH	1138	1294	1667	1841	1727	1614	1458	966	804	782	1041	1279	24808	2832
	LLH	688	744	937	1208	1096	975	834	606	437	441	520	710		
	Demand	3782	4002	5077	5758	5563	4060	3948	2708	2285	2607	3080	3768		
2008		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	25131	2869
	HLH	1146	1301	1674	1843	1730	1618	1483	991	834	813	1071	1305		
	LLH	694	749	942	1210	1098	978	849	622	455	461	538	726		
Demand	3804	4022	5096	5763	5572	4069	4015	2773	2367	2704	3167	3842			
2009		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	25475	2908
	HLH	1167	1322	1693	1871	1724	1653	1539	973	849	830	1083	1313		
	LLH	708	763	954	1230	1095	1000	884	611	465	472	545	732		
Demand	3869	4084	5155	5847	5345	4157	4166	2724	2407	2752	3200	3864			
2010		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	25817	2947
	HLH	1189	1345	1720	1882	1767	1664	1551	981	858	843	1102	1324		
	LLH	722	777	970	1237	1123	1008	891	617	470	480	556	739		
Demand	3937	4154	5230	5881	5689	4186	4198	2747	2431	2792	3254	3898			
2011		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	26147	2985
	HLH	1168	1354	1726	1884	1768	1657	1518	1051	901	882	1149	1366		
	LLH	711	783	975	1240	1125	1004	873	663	497	505	583	765		
Demand	3869	4177	5246	5884	5701	4167	4109	2933	2549	2909	3384	4016			
2012		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	26478	3023
	HLH	1218	1365	1718	1848	1725	1637	1492	1108	992	976	1188	1335		
	LLH	746	794	975	1218	1099	995	862	704	555	566	611	752		
Demand	3963	4161	5163	5717	5507	4092	4009	3052	2763	3137	3446	3884			
2013		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	26718	3050
	HLH	1227	1375	1729	1866	1722	1653	1508	1124	1007	990	1201	1347		
	LLH	752	801	982	1230	1098	1006	872	714	564	575	619	759		
Demand	3989	4190	5195	5770	5295	4132	4056	3094	2805	3181	3483	3916			

Table 10.1.1.3

Sales 03

Total IP Load Forecast FY2007-13														Total	
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Energy	aMW
2007	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2008	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2009	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2010	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2011	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2012	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2013	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		

Table 10.1.1.4

Sales 04

Total NR Load Forecast FY2007-13														Total	
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	Energy	aMW
2007	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2008	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2009	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2010	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2011	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2012	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
2013	HLH	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.009	0.001
	LLH	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		
	Demand	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		

Table 10.1.2

Exchange 01

Forecast for Traditional Residential Exchange Program

Potential Exchanger	Average 07-9 ASC (\$/MWh)	Average 07-9 Exchange Load (aMW)
NORTHWESTERN	\$ 58.73	109
PUGET SOUND ENERGY	\$ 48.57	1357
PACIFICORP - Oregon	\$ 37.12	689
PORTLAND GENERAL	\$ 49.59	956
AVISTA	\$ 46.79	445
PACIFICORP - Washington	\$ 37.12	214
PACIFICORP - Idaho	\$ 37.12	154
IDAHO POWER	\$ 39.48	842

Table 10.1.3.1

COSA 06 FY2007

COST OF SERVICE ANALYSIS

Itemized Revenue Requirement
FY 2007

FY 2007

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,822,363	138,008	61,322	369,116	568,446
4. BPA FISH & WILDLIFE PROGRAM	138,056	3,951	1,756	170,285	175,992
5. TROJAN				14,005	14,005
6. WNP #1				148,141	148,141
7. WNP #2				459,359	459,359
8. WNP #3				151,724	151,724
9. SYSTEM AUGMENTATION				169,090	169,090
10. BALANCING POWER PURCHASES				54,017	54,017
11. TOTAL FEDERAL BASE SYSTEM	4,960,419	141,959	63,078	1,535,737	1,740,774
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,089	14,089
15. OTHER NEW RESOURCES PURCHASES				46,764	46,764
16. TOTAL NEW RESOURCES				60,853	60,853
17. RESIDENTIAL EXCHANGE				1,180,076	1,180,076
18. CONSERVATION		19,885	8,836	145,904	174,625
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	43,192	1,236	549	182,034	183,819
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	43,192	1,236	549	182,034	183,819
23. TOTAL GENERATION COSTS	5,003,611	163,080	72,463	3,104,603	3,340,146
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				124,614	124,614
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,300	1,300
27. GENERAL TRANSFER AGREEMENTS				47,000	47,000
28. TOTAL TRANSMISSION COSTS				172,914	172,914
29. TOTAL PBL REVENUE REQUIREMENT		163,080	72,463	3,277,517	3,513,060

Table 10.1.3.2

COSA 06 FY2008

COST OF SERVICE ANALYSIS

Itemized Revenue Requirement
FY 2008

FY 2008

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,839,612	146,342	31,365	379,441	557,148
4. BPA FISH & WILDLIFE PROGRAM	154,922	4,685	1,004	173,344	179,033
5. TROJAN				12,588	12,588
6. WNP #1				166,116	166,116
7. WNP #2				406,544	406,544
8. WNP #3				160,092	160,092
9. SYSTEM AUGMENTATION				118,024	118,024
10. BALANCING POWER PURCHASES				64,693	64,693
11. TOTAL FEDERAL BASE SYSTEM	4,994,534	151,027	32,369	1,480,842	1,664,238
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,078	14,078
15. OTHER NEW RESOURCES PURCHASES				53,147	53,147
16. TOTAL NEW RESOURCES				67,225	67,225
17. RESIDENTIAL EXCHANGE				1,238,017	1,238,017
18. CONSERVATION		21,064	4,514	148,597	174,175
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	36,463	1,102	236	184,422	185,761
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	36,463	1,102	236	184,422	185,761
23. TOTAL GENERATION COSTS	5,030,997	173,193	37,119	3,119,103	3,329,415
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				126,877	126,877
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,300	1,300
27. GENERAL TRANSFER AGREEMENTS				47,000	47,000
28. TOTAL TRANSMISSION COSTS				175,177	175,177
29. TOTAL PBL REVENUE REQUIREMENT		173,193	37,119	3,294,280	3,504,592

Table 10.1.3.3

COSA 06 FY2009

COST OF SERVICE ANALYSIS

Itemized Revenue Requirement
FY 2009

FY 2009

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,897,206	153,305	38,610	390,509	582,424
4. BPA FISH & WILDLIFE PROGRAM	169,810	5,316	1,339	174,625	181,280
5. TROJAN				3,100	3,100
6. WNP #1				163,482	163,482
7. WNP #2				461,669	461,669
8. WNP #3				153,030	153,030
9. SYSTEM AUGMENTATION				169,926	169,926
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,067,016	158,621	39,949	1,577,911	1,776,481
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,089	14,089
15. OTHER NEW RESOURCES PURCHASES				60,110	60,110
16. TOTAL NEW RESOURCES				74,199	74,199
17. RESIDENTIAL EXCHANGE				1,279,769	1,279,769
18. CONSERVATION		23,048	5,805	154,332	183,185
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	40,583	1,271	320	185,770	187,361
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	40,583	1,271	320	185,770	187,361
23. TOTAL GENERATION COSTS	5,107,599	182,940	46,074	3,271,981	3,500,994
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				131,515	131,515
26. 3RD PARTY TRANS/ANCILLARY SERVICES				3,000	3,000
27. GENERAL TRANSFER AGREEMENTS				48,000	48,000
28. TOTAL TRANSMISSION COSTS				182,515	182,515
29. TOTAL PBL REVENUE REQUIREMENT		182,940	46,074	3,454,496	3,683,509

Table 10.1.3.4

COSA 06 FY2010

COST OF SERVICE ANALYSIS

Itemized Revenue Requirement
FY 2010

FY 2010

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,982,255	154,323	40,233	402,818	597,374
4. BPA FISH & WILDLIFE PROGRAM	183,781	5,693	1,484	170,993	178,170
5. TROJAN				1,700	1,700
6. WNP #1				159,459	159,459
7. WNP #2				432,093	432,093
8. WNP #3				142,783	142,783
9. SYSTEM AUGMENTATION				0	0
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,166,036	160,016	41,717	1,371,416	1,573,149
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,110	14,110
15. OTHER NEW RESOURCES PURCHASES				81,035	81,035
16. TOTAL NEW RESOURCES				95,145	95,145
17. RESIDENTIAL EXCHANGE				1,320,262	1,320,262
18. CONSERVATION		24,596	6,412	162,902	193,910
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	54,200	1,679	437	184,920	187,036
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	54,200	1,679	437	184,920	187,036
23. TOTAL GENERATION COSTS	5,220,236	186,291	48,566	3,134,644	3,369,501
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				135,069	135,069
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,120	1,120
27. GENERAL TRANSFER AGREEMENTS				56,600	56,600
28. TOTAL TRANSMISSION COSTS				192,789	192,789
29. TOTAL PBL REVENUE REQUIREMENT		186,291	48,566	3,327,433	3,562,289

Table 10.1.3.5

COSA 06 FY2011

COST OF SERVICE ANALYSIS

Itemized Revenue Requirement
FY 2011

FY 2011

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	5,027,939	160,521	28,311	413,297	602,129
4. BPA FISH & WILDLIFE PROGRAM	197,059	6,291	1,110	171,895	179,296
5. TROJAN				1,700	1,700
6. WNP #1				161,661	161,661
7. WNP #2				458,629	458,629
8. WNP #3				168,250	168,250
9. SYSTEM AUGMENTATION				0	0
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,224,998	166,812	29,421	1,437,001	1,633,234
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,163	14,163
15. OTHER NEW RESOURCES PURCHASES				82,321	82,321
16. TOTAL NEW RESOURCES				96,484	96,484
17. RESIDENTIAL EXCHANGE				1,365,430	1,365,430
18. CONSERVATION		24,649	4,347	160,414	189,410
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	60,006	1,916	338	189,434	191,688
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	60,006	1,916	338	189,434	191,688
23. TOTAL GENERATION COSTS	5,285,004	193,377	34,106	3,248,764	3,476,247
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				138,519	138,519
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,150	1,150
27. GENERAL TRANSFER AGREEMENTS				57,800	57,800
28. TOTAL TRANSMISSION COSTS				197,469	197,469
29. TOTAL PBL REVENUE REQUIREMENT		193,377	34,106	3,446,234	3,673,716

Table 10.1.3.6

COSA 06 FY2012

COST OF SERVICE ANALYSIS

Itemized Revenue Requirement
FY 2012

FY 2012

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	5,126,335	167,365	0	424,685	592,050
4. BPA FISH & WILDLIFE PROGRAM	210,027	6,857	0	176,333	183,190
5. TROJAN				1,751	1,751
6. WNP #1				187,660	187,660
7. WNP #2				504,117	504,117
8. WNP #3				161,778	161,778
9. SYSTEM AUGMENTATION				0	0
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,336,362	174,222	0	1,517,893	1,692,115
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,216	14,216
15. OTHER NEW RESOURCES PURCHASES				83,575	83,575
16. TOTAL NEW RESOURCES				97,791	97,791
17. RESIDENTIAL EXCHANGE				1,416,234	1,416,234
18. CONSERVATION		23,778	0	160,822	184,600
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	57,521	1,878	0	193,526	195,404
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	57,521	1,878	0	193,526	195,404
23. TOTAL GENERATION COSTS	5,393,883	199,878	0	3,386,266	3,586,144
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				142,245	142,245
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,185	1,185
27. GENERAL TRANSFER AGREEMENTS				59,534	59,534
28. TOTAL TRANSMISSION COSTS				202,963	202,963
29. TOTAL PBL REVENUE REQUIREMENT		199,878	0	3,589,229	3,789,107

Table 10.1.3.7

COSA 06 FY2013

COST OF SERVICE ANALYSIS

Itemized Revenue Requirement
FY 2013

FY 2013

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	5,243,590	177,518	29,358	437,519	644,395
4. BPA FISH & WILDLIFE PROGRAM	222,589	7,536	1,246	181,771	190,553
5. TROJAN				1,804	1,804
6. WNP #1				283,394	283,394
7. WNP #2				376,259	376,259
8. WNP #3				176,703	176,703
9. SYSTEM AUGMENTATION				0	0
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,466,179	185,054	30,604	1,519,019	1,734,677
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				14,262	14,262
15. OTHER NEW RESOURCES PURCHASES				84,836	84,836
16. TOTAL NEW RESOURCES				99,098	99,098
17. RESIDENTIAL EXCHANGE				1,463,662	1,463,662
18. CONSERVATION		24,850	4,110	163,692	192,652
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	55,069	1,864	309	196,783	198,955
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	55,069	1,864	309	196,783	198,955
23. TOTAL GENERATION COSTS	5,521,248	211,768	35,023	3,442,254	3,689,044
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				145,978	145,978
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,220	1,220
27. GENERAL TRANSFER AGREEMENTS				61,320	61,320
28. TOTAL TRANSMISSION COSTS				208,518	208,518
29. TOTAL PBL REVENUE REQUIREMENT		211,768	35,023	3,650,772	3,897,563

Table 10.1.3.8

COSA 07

Functionalization of Residential Exchange Costs
Fiscal Year 2007

Gross Residential Exchange Cost	\$ 1,180,076
Residential Exchange Transmission	\$ 96,752
Functionalized Residential Exchange Costs	\$ 1,083,323

Table 10.1.3.9

COSA 08

COST OF SERVICE ANALYSIS

Classified Revenue Requirement
Fiscal Year 2007

	Total Rev Req	Energy		Demand		Load Variance	
		%	Total	%	Total	%	Total
1. GENERATION COSTS							
2. FEDERAL BASE SYSTEM							
3. HYDRO	\$ 568,446	93.47%	\$ 531,299	5.63%	\$ 32,027	0.90%	\$ 5,120
4. BPA FISH & WILDLIFE PROGRAM	\$ 175,992	94.37%	\$ 166,076	5.63%	\$ 9,916		
5. TROJAN	\$ 14,005	94.37%	\$ 13,216	5.63%	\$ 789		
6. WNP #1	\$ 148,141	94.37%	\$ 139,795	5.63%	\$ 8,346		
7. WNP #2	\$ 459,359	93.47%	\$ 429,341	5.63%	\$ 25,881	0.90%	\$ 4,138
8. WNP #3	\$ 151,724	94.37%	\$ 143,176	5.63%	\$ 8,548		
9. SYSTEM AUGMENTATION	\$ 169,090	93.47%	\$ 158,040	5.63%	\$ 9,527	0.90%	\$ 1,523
10. BALANCING POWER PURCHASES	\$ 54,017	93.47%	\$ 50,487	5.63%	\$ 3,043	0.90%	\$ 487
11. TOTAL FEDERAL BASE SYSTEM	\$ 1,740,774		\$ 1,631,430		\$ 98,077		\$ 11,267
12. NEW RESOURCES							
13. IDAHO FALLS	\$ -				\$ -		\$ -
14. COWLITZ FALLS	\$ 14,089	93.47%	\$ 13,168	5.63%	\$ 794	0.90%	\$ 127
15. OTHER NEW RESOURCES PURCHASES	\$ 46,764	93.47%	\$ 43,708	5.63%	\$ 2,635	0.90%	\$ 421
16. TOTAL NEW RESOURCES	\$ 60,853		\$ 56,876		\$ 3,429		\$ 548
17. RESIDENTIAL EXCHANGE	\$ 1,083,323	100.00%	\$ 1,083,323				
18. CONSERVATION	\$ 174,625	94.37%	\$ 164,786	5.63%	\$ 9,839		
19. OTHER GENERATION COSTS							
20. BPA PROGRAMS	\$ 183,819	93.47%	\$ 171,807	5.63%	\$ 10,357	0.90%	\$ 1,656
21. WNP #3 PLANT	\$ -				\$ -		
22. TOTAL OTHER GENERATION COSTS	\$ 183,819		\$ 171,807		\$ 10,357		\$ 1,656
23. TOTAL GENERATION COSTS	\$ 3,243,394		\$ 3,108,222		\$ 121,701		\$ 13,471
24. TRANSMISSION COSTS			\$ -		\$ -		\$ -
25. TBL TRANSMISSION/ANCILLARY SERVICES	124,614	100.00%	\$ 124,614				
26. 3RD PARTY TRANS/ANCILLARY SERVICES	1,300	100.00%	\$ 1,300				
27. GENERAL TRANSFER AGREEMENTS	47,000	100.00%	\$ 47,000				
28. TOTAL TRANSMISSION COSTS	172,914		172,914				
29. TOTAL PBL REVENUE REQUIREMENT	\$ 3,416,308		\$ 3,281,136		\$ 135,172		

Table 10.1.3.10

COSA 09

COST OF SERVICE ANALYSIS

Functionalized Revenue Credits

Test Period October 2006 - September 2013

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Colville Credit	\$ 4,600	\$ 4,600	\$ 4,600	\$ 4,600	\$ 4,600	\$ 4,600	\$ 4,600
'4(h)(10)(c)	\$ 84,707	\$ 84,927	\$ 84,676	\$ 84,676	\$ 84,676	\$ 84,676	\$ 84,676
Ancillary and Reserve Service Revs.	\$ 73,131	\$ 61,970	\$ 62,715	\$ 62,715	\$ 62,715	\$ 62,715	\$ 62,715
Energy Efficiency & Misc. Revenues	\$ 16,305	\$ 16,328	\$ 16,353	\$ 16,220	\$ 16,220	\$ 16,220	\$ 16,220
Reserve Product Revenue	\$ 3,000	\$ 3,300	\$ 3,630	\$ 3,630	\$ 3,630	\$ 3,630	\$ 3,630
Downstream Benefits & Storage	\$ 8,921	\$ 8,921	\$ 8,921	\$ 8,921	\$ 8,921	\$ 8,921	\$ 8,921
Green Tags	\$ 1,079	\$ 1,082	\$ 1,082	\$ 2,128	\$ 2,128	\$ 2,128	\$ 2,128
Aluminum Hedging	\$ 875	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 192,618	\$ 181,129	\$ 181,977	\$ 182,891	\$ 182,891	\$ 182,891	\$ 182,891

Table 10.1.4.1

ALLOCATE 01

Energy Allocation Factors w/ Res Exch
Average Megawatts

	2007	2008	2009	2010	2011	2012	2013
Federal Base System							
Total Usage							
Priority Firm.....	10053	10121	10217	10332	10385	10495	10564
Industrial Firm.....	0.001	0.001	0.001	0.001	0.001	0.001	0.001
New Resource Firm.....	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Surplus Firm Other.....	1367	1358	1329	1407	1360	961	949
Total.....	11420	11479	11546	11738	11745	11456	11513
Federal Base System	0	0	0	0	0	0	0
Priority Firm.....	8518	8550	8566	8710	8675	8368	8381
Industrial Firm.....	0	0	0	0	0	0	0
New Resource Firm.....	0	0	0	0	0	0	0
Surplus Firm Other.....	0	0	0	0	0	0	0
Total.....	8518	8550	8566	8710	8675	8368	8381
Residential Exchange	0	0	0	0	0	0	0
Priority Firm.....	1535	1571	1651	1622	1710	2128	2183
Industrial Firm.....	0	0	0	0	0	0	0
New Resource Firm.....	0	0	0	0	0	0	0
Surplus Firm Other.....	1377	1371	1339	1408	1359	972	953
Total.....	2912	2942	2990	3030	3069	3099	3136
New Resource	0	0	0	0	0	0	0
Priority Firm.....	0	0	0	0	0	0	0
Industrial Firm.....	0	0	0	0	0	0	0
New Resource Firm.....	0	0	0	0	0	0	0
Surplus Firm Other.....	0	0	0	0	0	0	0
Total.....	0	0	0	0	0	0	0
Conservation	0	0	0	0	0	0	0
Priority Firm.....	10053	10121	10217	10332	10385	10495	10564
Industrial Firm.....	0.001	0.001	0.001	0.001	0.001	0.001	0.001
New Resource Firm.....	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Surplus Firm Other.....	1367	1358	1329	1407	1360	961	949
Total.....	11420	11479	11546	11738	11745	11456	11513

Table 10.1.4.2

ALLOCATE 02

Initial Rate Pool Cost Allocation

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
CLASSES OF SERVICE							
Power Rates							
Priority Firm - Preference							
FBS	\$ 1,740,774	\$ 1,664,238	\$ 1,776,481	\$ 1,690,560	\$ 1,802,097	\$ 1,738,494	\$ 1,842,975
NR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Exchange	\$ 570,918.4	\$ 608,819.9	\$ 651,742.7	\$ 652,879.3	\$ 703,858.8	\$ 901,345.8	\$ 946,344.5
conservation	\$ 153,715	\$ 153,566	\$ 162,099	\$ 170,674	\$ 167,478	\$ 169,111	\$ 176,767
BPA programs	\$ 314,018	\$ 318,232	\$ 327,302	\$ 334,312	\$ 344,096	\$ 364,942	\$ 373,877
Total	\$ 2,779,426	\$ 2,744,855	\$ 2,917,625	\$ 2,848,426	\$ 3,017,530	\$ 3,173,893	\$ 3,339,964
Industrial Firm Power							
FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NR	\$ 0.046	\$ 0.051	\$ 0.057	\$ 0.070	\$ 0.073	\$ 0.105	\$ 0.107
Exchange	\$ 0.385	\$ 0.402	\$ 0.409	\$ 0.414	\$ 0.423	\$ 0.440	\$ 0.447
conservation	\$ 0.016	\$ 0.016	\$ 0.016	\$ 0.017	\$ 0.017	\$ 0.017	\$ 0.017
BPA programs	\$ 0.032	\$ 0.032	\$ 0.033	\$ 0.033	\$ 0.034	\$ 0.036	\$ 0.036
Total	\$ 0.479	\$ 0.501	\$ 0.516	\$ 0.534	\$ 0.547	\$ 0.597	\$ 0.608
New Resources Firm							
FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NR	\$ 0.046	\$ 0.051	\$ 0.057	\$ 0.070	\$ 0.073	\$ 0.105	\$ 0.107
Exchange	\$ 0.385	\$ 0.402	\$ 0.409	\$ 0.414	\$ 0.423	\$ 0.440	\$ 0.447
conservation	\$ 0.016	\$ 0.016	\$ 0.016	\$ 0.017	\$ 0.017	\$ 0.017	\$ 0.017
BPA programs	\$ 0.032	\$ 0.032	\$ 0.033	\$ 0.033	\$ 0.034	\$ 0.036	\$ 0.036
Total	\$ 0.479	\$ 0.501	\$ 0.516	\$ 0.534	\$ 0.547	\$ 0.597	\$ 0.608
Surplus Firm Power							
FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NR	\$ 60,853	\$ 67,225	\$ 74,199	\$ 95,145	\$ 96,484	\$ 97,791	\$ 99,098
Exchange	\$ 512,404	\$ 531,185	\$ 528,673	\$ 566,697	\$ 559,598	\$ 411,621	\$ 413,117
conservation	\$ 20,909	\$ 20,608	\$ 21,085	\$ 23,235	\$ 21,932	\$ 15,489	\$ 15,884
BPA programs	\$ 42,715	\$ 42,706	\$ 42,574	\$ 45,512	\$ 45,061	\$ 33,424	\$ 33,597
Total	\$ 636,881	\$ 661,725	\$ 666,531	\$ 730,590	\$ 723,075	\$ 558,325	\$ 561,696
Total Revenue Requirement	\$ 3,416,308	\$ 3,406,581	\$ 3,584,157	\$ 3,579,016	\$ 3,740,606	\$ 3,732,219	\$ 3,901,661

Table 10.1.5.1

RDS 11

Rate Design Study

Allocation of Secondary and other Revenues

Test Period October 2006 - September 2013

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Forecast of Secondary Revenues	\$ 600,634	\$ 582,252	\$ 566,351	\$ 566,351	\$ 566,351	\$ 566,351	\$ 566,351
Additional Secondary Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Gross Secondary Revenues	\$ 600,634	\$ 582,252	\$ 566,351	\$ 566,351	\$ 566,351	\$ 566,351	\$ 566,351

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Allocation of Secondary Revenues Credit							
Priority Firm.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Total Other Revenue Credits	\$ 192,618	\$ 181,129	\$ 181,977	\$ 182,891	\$ 182,891	\$ 182,891	\$ 182,891

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Allocation of Other Revenue Credits							
Priority Firm.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (182,891)	\$ (182,891)	\$ (182,891)	\$ (182,891)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (182,891)	\$ (182,891)	\$ (182,891)	\$ (182,891)

Table 10.1.5.2

RDS 17

Rate Design Study

Calculation of FPS (Surplus)/Shortfall

Test Period October 2006 - September 2013

FPS (Surplus)/Shortfall	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Costs allocated to FPS contract sales	\$ 636,881	\$ 661,725	\$ 666,531	\$ 730,590	\$ 723,075	\$ 558,325	\$ 561,696
Expected Revenue from FPS contract sales	\$ (69,044)	\$ (69,187)	\$ (69,044)	\$ (69,044)	\$ (64,625)	\$ (25,283)	\$ (25,283)
FPS Pre-Sub Contract Revenue	\$ (46,561)	\$ (47,781)	\$ (41,101)	\$ (40,660)	\$ (39,784)	\$ (5,300)	\$ (5,300)
(Surplus)/Shortfall	\$ 521,277	\$ 544,757	\$ 556,386	\$ 620,886	\$ 618,666	\$ 527,742	\$ 531,113
Secondary Revenues allocated to FPS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Credits allocated to FPS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FPS (Surplus)/Shortfall	\$ 521,277	\$ 544,757	\$ 556,386	\$ 620,886	\$ 618,666	\$ 527,742	\$ 531,113

Rate Design Study

Allocation of FPS (Surplus)/Shortfall

Test Period October 2006 - September 2009

Allocation of FPS (Surplus)/Shortfall	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Priority Firm.....	\$ 521,277	\$ 544,757	\$ 556,386	\$ 620,886	\$ 618,666	\$ 527,742	\$ 531,113
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (521,277)	\$ (544,757)	\$ (556,386)	\$ (620,886)	\$ (618,666)	\$ (527,742)	\$ (531,113)
Total.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Table 10.1.5.3

RDS 19

Rate Design Study

Summary of Initial Allocations

Test Period October 2006 - September 2013

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Allocation of Revenue Requirement							
Priority Firm.....	\$ 2,779,426	\$ 2,744,855	\$ 2,917,625	\$ 2,848,426	\$ 3,017,530	\$ 3,173,893	\$ 3,339,964
Industrial Firm.....	\$ 0.479	\$ 0.501	\$ 0.516	\$ 0.534	\$ 0.547	\$ 0.597	\$ 0.608
New Resource Firm.....	\$ 0.479	\$ 0.501	\$ 0.516	\$ 0.534	\$ 0.547	\$ 0.597	\$ 0.608
Surplus Firm Other.....	\$ 636,881	\$ 661,725	\$ 666,531	\$ 730,590	\$ 723,075	\$ 558,325	\$ 561,696
Total.....	\$ 3,416,308	\$ 3,406,581	\$ 3,584,157	\$ 3,579,016	\$ 3,740,606	\$ 3,732,219	\$ 3,901,661
Allocation of Secondary Revenues Credit							
Priority Firm.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)
Allocation of other Revenues Credits							
Priority Firm.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (182,891)	\$ (182,891)	\$ (182,891)	\$ (182,891)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (182,891)	\$ (182,891)	\$ (182,891)	\$ (182,891)
Allocation of FPS (Surplus)/Shortfall							
Priority Firm.....	\$ 521,277	\$ 544,757	\$ 556,386	\$ 620,886	\$ 618,666	\$ 527,742	\$ 531,113
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (521,277)	\$ (544,757)	\$ (556,386)	\$ (620,886)	\$ (618,666)	\$ (527,742)	\$ (531,113)
Total.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Low Density Discount							
Priority Firm.....	\$ 22,289	\$ 22,612	\$ 22,853	\$ 22,853	\$ 22,853	\$ 22,853	\$ 22,853
Irrigation Rate Mitigation.....							
Priority Firm.....	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Initial Allocation							
Priority Firm.....	\$ 2,539,740	\$ 2,558,844	\$ 2,758,535	\$ 2,752,923	\$ 2,919,808	\$ 2,985,246	\$ 3,154,688
Industrial Firm.....	\$ 0.479	\$ 0.501	\$ 0.516	\$ 0.534	\$ 0.547	\$ 0.597	\$ 0.608
New Resource Firm.....	\$ 0.479	\$ 0.501	\$ 0.516	\$ 0.534	\$ 0.547	\$ 0.597	\$ 0.608
Surplus Firm Other.....	\$ 115,604	\$ 116,968	\$ 110,145	\$ 109,703	\$ 104,408	\$ 30,583	\$ 30,583
Total.....	\$ 2,655,345	\$ 2,675,813	\$ 2,868,681	\$ 2,862,627	\$ 3,024,217	\$ 3,015,830	\$ 3,185,272

Table 10.1.5.4

RDS 21

Rate Design Study

7(c)(2) Delta Calculation

Test Period October 2006 - September 2013

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
1 IP Allocated Costs	\$ 0.479	\$ 0.501	\$ 0.516	\$ 0.534	\$ 0.547	\$ 0.597	\$ 0.608
2 IP Revenues @ Net Margin	\$ 0.004	\$ 0.004	\$ 0.004	\$ 0.004	\$ 0.004	\$ 0.004	\$ 0.004
3 adjustment	\$ (0.002)	\$ (0.003)	\$ (0.002)	\$ (0.003)	\$ (0.002)	\$ (0.003)	\$ (0.002)
4 IP Marginal Cost Rate Revenues	\$ 0.46121	\$ 0.46265	\$ 0.46135	\$ 0.46131	\$ 0.46136	\$ 0.46265	\$ 0.46135
5 PF Marginal Cost Rate Revenues	\$ 4,653,551	\$ 4,705,530	\$ 4,740,296	\$ 4,791,377	\$ 4,819,042	\$ 4,873,301	\$ 4,894,680
6 PF Allocated Energy Costs	\$ 2,539,740	\$ 2,558,844	\$ 2,758,535	\$ 2,752,923	\$ 2,919,808	\$ 2,985,246	\$ 3,154,688
7 Numerator: 1-2-3-((4/5)*6)	0.22551	0.24826	0.24598	0.26786	0.26590	0.31269	0.30976
8							
9 PF Allocation Factor for Delta	10,053	10,121	10,217	10,332	10,385	10,495	10,564
10 NR Allocation Factor for Delta	0.001	0.001	0.001	0.001	0.001	0.001	0.001
11 Total Allocation Factors for Delta	10,053	10,121	10,217	10,332	10,385	10,495	10,564
12 Denominator: 1.0 + ((9/11)*(4/5))	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
13							
14 DELTA: (7/12)	0.226	0.248	0.246	0.268	0.266	0.313	0.310

Rate Design Study

7(c)(2) Delta allocation

Test Period October 2006 - September 2009

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
IP-PF Linc Allocation.....							
Priority Firm.....	\$ 0.226	\$ 0.248	\$ 0.246	\$ 0.268	\$ 0.266	\$ 0.313	\$ 0.310
Industrial Firm.....	\$ (0.226)	\$ (0.248)	\$ (0.246)	\$ (0.268)	\$ (0.266)	\$ (0.313)	\$ (0.310)
New Resource Firm.....	\$ 0.000	\$ 0.000	\$ 0.000	\$ 0.000	\$ 0.000	\$ 0.000	\$ 0.000
Surplus Firm Other.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total.....	\$ 0.00	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ 0.00	\$ (0.00)	\$ (0.00)

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Allocation after Linc.....							
Priority Firm Preference.....	\$ 1,804,096	\$ 1,815,082	\$ 1,951,190	\$ 1,945,512	\$ 2,056,915	\$ 2,103,658	\$ 2,218,203
Priority Firm Exchange.....	\$ 735,643.7	\$ 743,762.4	\$ 807,346.0	\$ 807,411.1	\$ 862,893.4	\$ 881,588.3	\$ 936,484.7
Industrial Firm.....	\$ 0.253	\$ 0.253	\$ 0.270	\$ 0.266	\$ 0.281	\$ 0.285	\$ 0.299
New Resource Firm.....	\$ 0.479	\$ 0.501	\$ 0.516	\$ 0.534	\$ 0.547	\$ 0.597	\$ 0.608
Surplus Firm Other.....	\$ 115,604	\$ 116,968	\$ 110,145	\$ 109,703	\$ 104,408	\$ 30,583	\$ 30,583
Total.....	\$ 2,655,345	\$ 2,675,813	\$ 2,868,681	\$ 2,862,627	\$ 3,024,217	\$ 3,015,830	\$ 3,185,272

Table 10.1.5.5

RDS 23

RATE DESIGN STUDY

Industrial Firm Power Floor Rate Calculation

Test Period October 2006 - September 2009
(\$ Thousands)

	A	B	C	D	E	F
	DEMAND		ENERGY		Customer	Total/
	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Charge</u>	<u>Average</u>
	(Dec-Apr)	(May-Nov)	(Sep-Mar)	(Apr-Aug)		
1 IP Billing Determinants	0.015	0.021	0.015	0.011	0.036	0.026
2 IP-83 Rates	4.62	2.21	14.70	12.20	7.34	
3 Revenue	0.06930	0.04641	0.22473	0.13440	0.26424	0.73908
4						
5 Exchange Adj Clause for OY 1985						
6 New ASC Effective Jul 1, 1984						
7 Actual Total Exchange Cost (AEC)	938,442					
8 Actual Exchange Revenue (AER)	772,029					
9 Forecasted Exchange Cost (FEC)	1,088,690					
10 Forecasted Exchange Revenue (FER)	809,201					
11 Total Under/Over-recovery (TAR)						
12 (TAR=(AEC-AER)-(FEC-FER))	(113,076)					
13 Exchange Cost Percentage for IP (ECP)	0.521					
14 Rebate or Surcharge for IP (CCEA=TAR*ECP)	(58,913)					
15 OY 1985 IP Billing Determinants	24,368					
16						
17 OY 1985 DSI Transmission Costs	92,960					
18						
19 Adjustment for Transmission Costs	(3.81)					
20 Adjustment for the Exchange (mills/kWh)	(2.42)					
21 Adjustment for the Deferral (mills/kWh)	(0.90)					
22 IP-83 Average Rate (mills/kWh)	28.10					
23 Floor Rate (mills/kWh)	20.97					

- 1 Demand billing determinants are the test period DSI load expressed in noncoincidental demand MWs.
- 15 Billing determinants as forecast in the 1983 Rate Case Final Proposal (WP-83-FS-BPA-07, p. 82).
- 17 Transmission Costs as forecast in the 1983 Rate Case Final Proposal (WP-83-FS-BPA-07, p. 80).
- 19 Line 17 / Line 15
- 20 Line 14 / Line 15
- 21 1985 Final Rate Proposal (WP-85-FS-BPA-08A, p. 15).
- 22 Line 3, Col F / Line 1, Col F
- 23 IP-83 Avg Rate adjusted for the effects of the Exchange and Deferral, Lines 19 + 20 + 21 + 22

Table 10.1.5.6

RDS 24

RATE DESIGN STUDY

Industrial Firm Power Floor Rate Test

Test Period October 2006 - September 2009
(\$ Thousands)

	A	B	C	D	E	F
	Unbundled	Transmission	Generation	Energy		Average
	<u>Requirements</u>	<u>Total</u>	<u>Demand</u>	<u>Energy</u>	<u>Total</u>	<u>Rate</u>
	<u>Products</u>		<u>Total</u>	<u>Total</u>		
1 IP Billing Determinants				0.026		
2 Floor Rate (mills/kWh)				20.97		
3 Value of Reserves Credit (mills/kWh)						
4 Revenue at Floor Rate Less VOR Credit				0.552	0.552	20.97
5 IP Revenue Under Proposed Rates	0	0	0.057	0.850	0.908	34.51
6 Difference					0	

6 Line 4 - Line 5. If difference is negative, Floor Rate does not trigger and difference is set to zero.

Table 10.1.6

RDS 50

Rate Design Study

Calculation of Priority Firm Preference Rate Component:
Fiscal Year 2007

VELICIZED MARGINAL COSTS OF POWER												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Energy Mills/kwh												
HLH	53.34	63.03	66.13	59.13	59.27	56.85	47.16	41.76	41.17	49.51	54.63	56.83
LLH	46.08	52.01	54.79	50.01	52.39	50.21	40.56	35.55	31.27	41.07	46.87	50.78
MONTHLY DEMAND	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

Firm billing determinants (GWHs)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
HLH	4,027	4,505	5,204	5,299	4,769	4,804	4,267	3,780	3,687	3,752	4,053	4,009
LLH	2,613	2,885	3,345	3,489	3,165	3,092	2,726	2,477	2,316	2,415	2,440	2,529
Demand	11,949	12,934	14,399	15,044	14,722	12,567	11,603	9,667	9,547	10,146	10,441	10,851

Revenue At Marginal Rates

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Maginal Revenues	Allocated Costs
HLH \$	214,806	\$ 283,921	\$ 344,112	\$ 313,347	\$ 282,612	\$ 273,129	\$ 201,249	\$ 157,867	\$ 151,829	\$ 185,739	\$ 221,434	\$ 227,817	\$ 4,420,108	\$ 2,292,826
LLH \$	120,419	\$ 150,039	\$ 183,270	\$ 174,474	\$ 165,809	\$ 155,274	\$ 110,565	\$ 88,073	\$ 72,404	\$ 99,164	\$ 114,359	\$ 128,396		
Demand \$	21,031	\$ 24,315	\$ 28,511	\$ 25,123	\$ 25,175	\$ 19,982	\$ 17,289	\$ 11,987	\$ 10,788	\$ 14,103	\$ 17,019	\$ 18,121	\$ 233,443	\$ 233,443
													LV Revenue	\$ 13,471
													\$ 4,667,022	\$ 2,539,740

PF rates	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
HLH	27.67	32.69	34.30	30.67	30.74	29.49	24.46	21.66	21.36	25.68	28.34	29.48
LLH	23.90	26.98	28.42	25.94	27.18	26.05	21.04	18.44	16.22	21.30	24.31	26.34
Demand	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

Revenues at Proposed Rates

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Totals
HLH \$	111,436	\$ 147,258	\$ 178,489	\$ 162,523	\$ 146,586	\$ 141,683	\$ 104,382	\$ 81,875	\$ 78,765	\$ 96,348	\$ 114,876	\$ 118,187	\$ 2,292,782
LLH \$	62,461	\$ 77,836	\$ 95,055	\$ 90,506	\$ 86,023	\$ 80,557	\$ 57,351	\$ 45,682	\$ 37,558	\$ 51,433	\$ 59,309	\$ 66,604	
Demand \$	21,031	\$ 24,315	\$ 28,511	\$ 25,123	\$ 25,175	\$ 19,982	\$ 17,289	\$ 11,987	\$ 10,788	\$ 14,103	\$ 17,019	\$ 18,121	\$ 233,443
													LV Revenue
													\$ 13,471
													\$ 2,539,697

Unbifurcated PF Average Rate		
Energy Costs \$	2,292,826	26.77
Demand Costs \$	233,443	2.73
Unbundled Cost \$	13,471	0.16
Total \$	2,539,740	29.65
Billing Determinants	85648	

Table 10.2.1

7b2 Sales 01

7(b)(2) Case Load Forecast

(The forecast has been adjusted for conservation resources brought on from resource stack.)

		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Totals</u>	<u>aMW</u>
2007	HLH	2952	3271	3597	3520	3099	3255	2869	2876	2946	3030	3077	2788	37280	7095
	LLH	1975	2189	2459	2330	2112	2164	1940	1921	1924	2025	1966	1869	24874	
	Demand	8317	9082	9472	9435	9309	8657	7805	7109	7412	7690	7511	7233	99032	
2008	HLH	3055	3341	3685	3595	3211	3277	2950	2925	3038	3121	3099	2869	38165	7114
	LLH	1896	2112	2340	2223	2078	2127	1861	1870	1984	2000	2006	1824	24321	
	Demand	8778	9556	9938	9931	9869	9104	8130	7464	7854	7874	7714	7373	103586	
2009	HLH	3113	3341	3783	3637	3188	3322	2996	2873	3053	3180	3141	2895	38522	7193
	LLH	1901	2180	2314	2253	2070	2153	1889	1890	1925	2045	2031	1839	24488	
	Demand	8921	9732	10069	10097	10000	9251	8285	7463	7794	8062	7842	7467	104983	
2010	HLH	3128	3359	3805	3614	3210	3381	3007	2951	3148	3135	3220	2923	38881	7266
	LLH	1907	2186	2320	2305	2073	2118	1899	1936	1982	2112	2079	1853	24769	
	Demand	9002	9820	10163	10192	10095	9335	8357	7693	8063	8127	7895	7561	106305	
2011	HLH	3116	3435	3831	3644	3236	3407	3031	2911	3090	3186	3231	2938	39057	7280
	LLH	1955	2150	2337	2317	2086	2130	1911	1906	1942	2098	2015	1866	24713	
	Demand	9129	9913	10285	10316	10217	9446	8456	7614	7940	8236	7996	7635	107182	
2012	HLH	3106	3440	3825	3623	3290	3408	2982	3089	3353	3261	3295	2923	39596	7356
	LLH	1941	2128	2327	2334	2114	2094	1939	1905	2070	2132	1995	1866	24845	
	Demand	9332	10169	10517	10534	10519	9632	8628	8302	8347	8544	8285	7790	110597	
2013	HLH	3171	3470	3816	3711	3263	3406	3056	3058	3275	3331	3333	2959	39849	7400
	LLH	1922	2146	2385	2316	2141	2157	1924	1889	2072	2124	2016	1887	24979	
	Demand	9446	10289	10643	10690	10613	9774	8757	8244	8260	8664	8402	7905	111688	

Section 7(b)(2) PF Load includes any within/adjacent DSI Load and additional load due to unrealized conservation programs

Table 10.2.2.1

7b2 Resource_01

Section 7(b)(2) Load Resource Balance Calculation

	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
FBS Serving Posted Rates Load in Program Case	7151	7191	7237	7303	7315	7406	7432
Long-Term Contracts Not in Force at time of Act	61	64	71	71	71	71	71
FBS Available to Serve Load in 7(b)(2) Case (after losses)	7214	7257	7310	7376	7388	7479	7505
7(b)(2) PF Load	7450	7540	7580	7705	7752	7883	7928
Resources Needed From Resource Stack w/losses	446.9	495.1	483.8	546.7	582.8	626.3	646.3

Table 10.2.2.2

All Costs are in 1980 dollars

Example of 7(b)(2) Resource Stack

A	B	C	D	E	F	G	H	I	J	K	L	M	M	
Project	Nameplate (MW)	Interest Rate (%)	Capital Investment (\$000)	Annual O & M (\$000)	Annual Fuel (\$000)	Year Available	Capacity Factor	Life	Annual Capital Cost (\$000)	Total Capital Cost (\$000)	Total Discounted O & M and Fuel (\$000)	Total Cost Dollars per AMW (\$)	Total Cost Mills per KWH	
BPA & Public resources	*** The following resources are listed least cost first													
PRIEST RAPIDS 1959 ND	1959	20.20	0.00	0	1,251	0	2007	100	70	0	0	22,506	15,916	1.82
BPA PROG CONS	2001	18.5	5.34	29	10,238	0	2007	100	20	2	29	10,238	27,750	3.17
BPA PROG CONS	2000	14.7	5.34	183	8,092	0	2007	100	20	15	181	8,092	28,141	3.21
WANAPAM 1963 ND	-	0.00	0.00	0	0	0	2007	100	35	0	0	1	28,300	3.23
BPA PROG CONS	1997	54.7	5.34	18,136	13,912	0	2007	100	20	1,497	18,015	13,912	29,184	3.33
BPA PROG CONS	1999	30.3	5.34	10,576	11,074	0	2007	100	20	873	10,505	11,074	35,609	4.06
BPA PROG CONS	2004	31.0	5.09	9,368	7,627	0	2007	100	15	908	9,163	7,627	36,108	4.12
IDAHO FALLS ND	1982	18.5	0.00	0	2,615	0	2007	100	60	0	0	46,214	41,635	4.75
BOARDMAN PUBLIC ND	1980	40.65	0.00	0	4,278	0	2007	100	60	1,609	28,430	75,603	42,654	4.87
BPA PROG CONS	1998	33.4	5.34	14,299	16,394	0	2007	100	20	1,181	14,204	16,394	45,806	5.23
BPA PROG CONS	1996	56.3	5.34	29,274	27,405	0	2007	100	20	2,417	29,079	27,405	50,164	5.73
BPA PROG CONS	2003	24.7	5.09	11,323	8,547	0	2007	100	15	1,097	11,075	8,547	52,960	6.05
BPA PROG CONS	1995	65.9	5.34	48,677	26,640	0	2007	100	20	4,019	48,354	26,640	56,900	6.50
BPA PROG CONS	2002	25.7	5.09	14,231	8,643	0	2007	100	15	1,379	13,920	8,643	58,529	6.68
NINE CANYON WIND PROJ.	2006	8.1	0.00	0	1,249	0	2007	100	35	0	0	19,411	68,134	7.78
COWLITZ FALLS	1994	26.0	4.25	0	1,088	0	2007	100	60	5,130	90,655	19,233	70,441	8.04
BPA PROG CONS	1994	51.3	5.34	70,666	30,512	0	2007	100	20	5,835	70,196	30,512	98,157	11.21
BPA PROG CONS	2013	33.0	5.09	15,617	33,410	0	2007	100	15	1,514	15,276	33,410	98,354	11.23
BPA PROG CONS	2009	33.0	5.09	13,517	35,479	0	2007	100	15	1,310	13,221	35,479	98,384	11.23
BPA PROG CONS	2005	21.6	5.09	10,523	21,781	0	2007	100	15	1,020	10,293	21,781	98,994	11.30
BPA PROG CONS	2012	33.0	5.09	15,934	33,616	0	2007	100	15	1,544	15,586	33,616	99,396	11.35
BILLING CREDITS	1996	11.9	0.00	0	2,441	0	2007	100	30	0	0	35,798	100,276	11.45
BPA PROG CONS	2011	33.0	5.09	16,260	33,838	0	2007	100	15	1,576	15,905	33,838	100,491	11.47
BPA PROG CONS	2008	33.0	5.09	13,788	36,278	0	2007	100	15	1,336	13,487	36,278	100,534	11.48
BPA PROG CONS	2010	33.0	5.09	16,576	34,422	0	2007	100	15	1,607	16,213	34,422	102,294	11.68
WAUNA-Steam-Cogen.	1996	23.0	0.00	0	4,832	0	2007	100	30	0	0	70,852	102,684	11.72

Table 10.2.2.3

7b2 Resource_03

7(b)(2) Resource Calculator

Rate Year	AMW needed.	Last Res. Added.	Total New Res.	Cost of New Res.	Remainder	Additional Secondary	Net Cost New Res.
2007	446.9	Resource 16	468.7	\$ 383,972	21.8	\$ (8,369)	\$ 375,604
2008	495.1	Resource 17	520.0	\$ 155,397	24.9	\$ (8,319)	\$ 147,078
2009	483.8	Resource 17	520.0	\$ 86,283	36.1	\$ (12,034)	\$ 74,248
2010	546.7	Resource 18	553.0	\$ 172,224	6.3	\$ (2,135)	\$ 170,089
2011	582.8	Resource 19	586.0	\$ 183,879	3.2	\$ (1,117)	\$ 182,762
2012	626.3	Resource 21	640.6	\$ 244,082	14.3	\$ (5,115)	\$ 238,967
2013	646.3	Resource 22	652.5	\$ 113,399	6.1	\$ (2,259)	\$ 111,140

		AMW output	Cum. output	Annual Costs 80\$s	Cum. Costs 80\$s	Annual Costs 2nd Yr.	Cum. Costs 2nd Yr.
Resource 01	PRIEST RAPIDS 1959 ND	1959	20	\$ 1,251	\$ 1,251	1251	\$ 1,251
Resource 02	BPA PROG CONS	2001	19	\$ 10,241	\$ 11,492	2	\$ 1,253
Resource 03	BPA PROG CONS	2000	15	\$ 8,107	\$ 19,599	15	\$ 1,268
Resource 04	WANAPAM 1963 ND	0	0	\$ 0	\$ 19,599	0	\$ 1,268
Resource 05	BPA PROG CONS	1997	55	\$ 15,410	\$ 35,009	1497	\$ 2,766
Resource 06	BPA PROG CONS	1999	30	\$ 11,947	\$ 46,956	873	\$ 3,639
Resource 07	BPA PROG CONS	2004	31	\$ 8,535	\$ 55,491	908	\$ 4,547
Resource 08	IDAHO FALLS ND	1982	19	\$ 2,615	\$ 58,106	2615	\$ 7,162
Resource 09	BOARDMAN PUBLIC ND	1980	41	\$ 5,887	\$ 63,993	5887	\$ 13,049
Resource 10	BPA PROG CONS	1998	33	\$ 17,575	\$ 81,567	1181	\$ 14,230
Resource 11	BPA PROG CONS	1996	56	\$ 29,823	\$ 111,390	2417	\$ 16,647
Resource 12	BPA PROG CONS	2003	25	\$ 9,644	\$ 121,034	1097	\$ 17,744
Resource 13	BPA PROG CONS	1995	66	\$ 30,660	\$ 151,694	4019	\$ 21,764
Resource 14	BPA PROG CONS	2002	26	\$ 10,022	\$ 161,716	1379	\$ 23,143
Resource 15	NINE CANYON WIND PROJ.	2006	8	\$ 1,249	\$ 162,965	1249	\$ 24,392
Resource 16	COWLITZ FALLS	1994	26	\$ 6,218	\$ 169,183	6218	\$ 30,610
Resource 17	BPA PROG CONS	1994	51	\$ 36,347	\$ 205,531	5835	\$ 36,445
Resource 18	BPA PROG CONS	2013	33	\$ 34,923	\$ 240,454	1514	\$ 37,959
Resource 19	BPA PROG CONS	2009	33	\$ 36,789	\$ 277,243	1310	\$ 39,269
Resource 20	BPA PROG CONS	2005	22	\$ 22,801	\$ 300,045	1020	\$ 40,289
Resource 21	BPA PROG CONS	2012	33	\$ 35,160	\$ 335,205	1544	\$ 41,833
Resource 22	BILLING CREDITS	1996	12	\$ 2,441	\$ 337,646	2441	\$ 44,275
Resource 23	BPA PROG CONS	2011	33	\$ 35,415	\$ 373,060	1576	\$ 45,851
Resource 24	BPA PROG CONS	2008	33	\$ 37,614	\$ 410,675	1336	\$ 47,187
Resource 25	BPA PROG CONS	2010	33	\$ 36,029	\$ 446,704	1607	\$ 48,794
Resource 26	WAUNA-Steam-Cogen.	1996	23	\$ 4,832	\$ 451,536	4832	\$ 53,626
Resource 27	BPA PROG CONS	2007	33	\$ 38,724	\$ 490,260	1367	\$ 54,993
Resource 28	BPA PROG CONS	2006	27	\$ 23,808	\$ 514,068	1933	\$ 56,926

Table 10.2.3.1

7B2 COSA 06 FY2007

COST OF SERVICE ANALYSIS

**Itemized Revenue Requirement
FY 2007**

FY 2007

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,822,363	140,797	120,531	369,116	630,444
4. BPA FISH & WILDLIFE PROGRAM	138,056	4,031	3,451	170,285	177,767
5. TROJAN				14,005	14,005
6. WNP #1				148,141	148,141
7. WNP #2				459,359	459,359
8. WNP #3				151,724	151,724
9. SYSTEM AUGMENTATION				169,090	169,090
10. BALANCING POWER PURCHASES				54,017	54,017
11. TOTAL FEDERAL BASE SYSTEM	4,960,419	144,828	123,982	1,535,737	1,804,547
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				0	0
15. OTHER NEW RESOURCES PURCHASES				0	0
16. TOTAL NEW RESOURCES				0	0
17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0
18. CONSERVATION		0	0	0	0
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	43,192	1,260	1,080	182,034	184,374
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	43,192	1,260	1,080	182,034	184,374
23. TOTAL GENERATION COSTS	5,003,611	146,088	125,062	1,717,771	1,988,921
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				124,614	124,614
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,300	1,300
27. GENERAL TRANSFER AGREEMENTS				47,000	47,000
28. TOTAL TRANSMISSION COSTS				172,914	172,914
29. TOTAL PBL REVENUE REQUIREMENT		146,088	125,062	1,890,685	2,161,835

Table 10.2.3.2

7B2 COSA 06 FY2008

COST OF SERVICE ANALYSIS

**Itemized Revenue Requirement
FY 2008**

FY 2008

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,839,612	148,909	85,375	379,441	613,725
4. BPA FISH & WILDLIFE PROGRAM	154,922	4,767	2,733	173,344	180,844
5. TROJAN				12,588	12,588
6. WNP #1				166,116	166,116
7. WNP #2				406,544	406,544
8. WNP #3				160,092	160,092
9. SYSTEM AUGMENTATION				118,024	118,024
10. BALANCING POWER PURCHASES				64,693	64,693
11. TOTAL FEDERAL BASE SYSTEM	4,994,534	153,676	88,108	1,480,842	1,722,626
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				0	0
15. OTHER NEW RESOURCES PURCHASES				0	0
16. TOTAL NEW RESOURCES				0	0
17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0
18. CONSERVATION		0	0	0	0
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	36,463	1,122	643	184,422	186,188
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	36,463	1,122	643	184,422	186,188
23. TOTAL GENERATION COSTS	5,030,997	154,798	88,751	1,665,264	1,908,813
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				126,877	126,877
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,300	1,300
27. GENERAL TRANSFER AGREEMENTS				47,000	47,000
28. TOTAL TRANSMISSION COSTS				175,177	175,177
29. TOTAL PBL REVENUE REQUIREMENT		154,798	88,751	1,840,441	2,083,990

Table 10.2.3.3

7B2 COSA 06 FY2009

COST OF SERVICE ANALYSIS

**Itemized Revenue Requirement
FY 2009**

FY 2009

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,897,206	154,367	109,489	390,509	654,365
4. BPA FISH & WILDLIFE PROGRAM	169,810	5,353	3,797	174,625	183,775
5. TROJAN				3,100	3,100
6. WNP #1				163,482	163,482
7. WNP #2				461,669	461,669
8. WNP #3				153,030	153,030
9. SYSTEM AUGMENTATION				169,926	169,926
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,067,016	159,720	113,286	1,577,911	1,850,917
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				0	0
15. OTHER NEW RESOURCES PURCHASES				0	0
16. TOTAL NEW RESOURCES				0	0
17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0
18. CONSERVATION		0	0	0	0
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	40,583	1,279	907	185,770	187,956
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	40,583	1,279	907	185,770	187,956
23. TOTAL GENERATION COSTS	5,107,599	160,999	114,193	1,763,681	2,038,873
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				131,515	131,515
26. 3RD PARTY TRANS/ANCILLARY SERVICES				3,000	3,000
27. GENERAL TRANSFER AGREEMENTS				48,000	48,000
28. TOTAL TRANSMISSION COSTS				182,515	182,515
29. TOTAL PBL REVENUE REQUIREMENT		160,999	114,193	1,946,196	2,221,388

Table 10.2.3.4

7B2 COSA 06 FY2010

COST OF SERVICE ANALYSIS

**Itemized Revenue Requirement
FY 2010**

FY 2010

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	4,982,255	155,556	104,294	402,818	662,668
4. BPA FISH & WILDLIFE PROGRAM	183,781	5,738	3,847	170,993	180,578
5. TROJAN				1,700	1,700
6. WNP #1				159,459	159,459
7. WNP #2				432,093	432,093
8. WNP #3				142,783	142,783
9. SYSTEM AUGMENTATION				0	0
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,166,036	161,294	108,141	1,371,416	1,640,851
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				0	0
15. OTHER NEW RESOURCES PURCHASES				0	0
16. TOTAL NEW RESOURCES				0	0
17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0
18. CONSERVATION		0	0	0	0
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	54,200	1,692	1,134	184,920	187,746
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	54,200	1,692	1,134	184,920	187,746
23. TOTAL GENERATION COSTS	5,220,236	162,986	109,275	1,556,335	1,828,596
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				135,069	135,069
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,120	1,120
27. GENERAL TRANSFER AGREEMENTS				56,600	56,600
28. TOTAL TRANSMISSION COSTS				192,789	192,789
29. TOTAL PBL REVENUE REQUIREMENT		162,986	109,275	1,749,124	2,021,385

Table 10.2.3.5

7B2 COSA 06 FY2011

COST OF SERVICE ANALYSIS

Itemized Revenue Requirement
FY 2011

FY 2011

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	5,027,939	159,141	85,892	413,297	658,330
4. BPA FISH & WILDLIFE PROGRAM	197,059	6,237	3,366	171,895	181,498
5. TROJAN				1,700	1,700
6. WNP #1				161,661	161,661
7. WNP #2				458,629	458,629
8. WNP #3				168,250	168,250
9. SYSTEM AUGMENTATION				0	0
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,224,998	165,378	89,258	1,437,001	1,691,637
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				0	0
15. OTHER NEW RESOURCES PURCHASES				0	0
16. TOTAL NEW RESOURCES				0	0
17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0
18. CONSERVATION		0	0	0	0
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	60,006	1,899	1,025	189,434	192,358
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	60,006	1,899	1,025	189,434	192,358
23. TOTAL GENERATION COSTS	5,285,004	167,277	90,283	1,626,435	1,883,995
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				138,519	138,519
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,150	1,150
27. GENERAL TRANSFER AGREEMENTS				57,800	57,800
28. TOTAL TRANSMISSION COSTS				197,469	197,469
29. TOTAL PBL REVENUE REQUIREMENT		167,277	90,283	1,823,905	2,081,465

Table 10.2.3.6

7B2 COSA 06 FY2012

COST OF SERVICE ANALYSIS

**Itemized Revenue Requirement
FY 2012**

FY 2012

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	5,126,335	163,669	7,786	424,685	596,140
4. BPA FISH & WILDLIFE PROGRAM	210,027	6,706	319	176,333	183,358
5. TROJAN				1,751	1,751
6. WNP #1				187,660	187,660
7. WNP #2				504,117	504,117
8. WNP #3				161,778	161,778
9. SYSTEM AUGMENTATION				0	0
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,336,362	170,375	8,105	1,517,893	1,696,373
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				0	0
15. OTHER NEW RESOURCES PURCHASES				0	0
16. TOTAL NEW RESOURCES				0	0
17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0
18. CONSERVATION		0	0	0	0
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	57,521	1,836	88	193,526	195,450
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	57,521	1,836	88	193,526	195,450
23. TOTAL GENERATION COSTS	5,393,883	172,211	8,193	1,711,419	1,891,823
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				142,245	142,245
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,185	1,185
27. GENERAL TRANSFER AGREEMENTS				59,534	59,534
28. TOTAL TRANSMISSION COSTS				202,963	202,963
29. TOTAL PBL REVENUE REQUIREMENT		172,211	8,193	1,914,383	2,094,786

Table 10.2.3.7

7B2 COSA 06 FY2013

COST OF SERVICE ANALYSIS

**Itemized Revenue Requirement
FY 2013**

FY 2013

	A INVEST BASE	B NET INT	C NET REVS	D OPER EXP	E TOTAL (B+C+D)
1. GENERATION COSTS					
2. FEDERAL BASE SYSTEM					
3. HYDRO	5,243,590	174,463	61,731	437,519	673,713
4. BPA FISH & WILDLIFE PROGRAM	222,589	7,406	2,620	181,771	191,797
5. TROJAN				1,804	1,804
6. WNP #1				283,394	283,394
7. WNP #2				376,259	376,259
8. WNP #3				176,703	176,703
9. SYSTEM AUGMENTATION				0	0
10. BALANCING POWER PURCHASES				61,570	61,570
11. TOTAL FEDERAL BASE SYSTEM	5,466,179	181,869	64,351	1,519,019	1,765,239
12. NEW RESOURCES					
13. IDAHO FALLS				0	0
14. COWLITZ FALLS				0	0
15. OTHER NEW RESOURCES PURCHASES				0	0
16. TOTAL NEW RESOURCES				0	0
17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0
18. CONSERVATION		0	0	0	0
19. OTHER GENERATION COSTS					
20. BPA PROGRAMS	55,069	1,832	649	196,783	199,263
21. WNP #3 PLANT				0	0
22. TOTAL OTHER GENERATION COSTS	55,069	1,832	649	196,783	199,263
23. TOTAL GENERATION COSTS	5,521,248	183,701	65,000	1,715,802	1,964,502
24. TRANSMISSION COSTS					
25. TBL TRANSMISSION/ANCILLARY SERVICES				145,978	145,978
26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,220	1,220
27. GENERAL TRANSFER AGREEMENTS				61,320	61,320
28. TOTAL TRANSMISSION COSTS				208,518	208,518
29. TOTAL PBL REVENUE REQUIREMENT		183,701	65,000	1,924,320	2,173,021

Table 10.2.3.8

7B2 COSA 08

COST OF SERVICE ANALYSIS

Classified Revenue Requirement
Fiscal Year 2007

	Total Rev Req	Energy		Demand		Load Variance	
		%	Total	%	Total	%	Total
1. GENERATION COSTS							
2. FEDERAL BASE SYSTEM							
3. HYDRO	\$ 630,444	91.06%	\$ 574,085	8.03%	\$ 50,633	0.91%	\$ 5,725
4. BPA FISH & WILDLIFE PROGRAM	\$ 177,767	91.97%	\$ 163,490	8.03%	\$ 14,277		
5. TROJAN	\$ 14,005	91.97%	\$ 12,880	8.03%	\$ 1,125		
6. WNP #1	\$ 148,141	91.97%	\$ 136,243	8.03%	\$ 11,898		
7. WNP #2	\$ 459,359	91.06%	\$ 418,294	8.03%	\$ 36,893	0.91%	\$ 4,172
8. WNP #3	\$ 151,724	91.97%	\$ 139,538	8.03%	\$ 12,186		
9. SYSTEM AUGMENTATION	\$ 169,090	91.06%	\$ 153,974	8.03%	\$ 13,580	0.91%	\$ 1,536
10. BALANCING POWER PURCHASES	\$ 54,017	91.06%	\$ 49,188	8.03%	\$ 4,338	0.91%	\$ 491
11. TOTAL FEDERAL BASE SYSTEM	\$ 1,804,547		\$ 1,647,694		\$ 144,930		\$ 11,923
12. NEW RESOURCES							
13. IDAHO FALLS	\$ -			\$ -		\$ -	
14. COWLITZ FALLS	\$ -		\$ -	\$ -		\$ -	
15. OTHER NEW RESOURCES PURCHASES	\$ -		\$ -	\$ -		\$ -	
16. TOTAL NEW RESOURCES	\$ -		\$ -	\$ -		\$ -	
17. RESIDENTIAL EXCHANGE	\$ -		\$ -				
18. CONSERVATION	\$ -		\$ -	\$ -			
19. OTHER GENERATION COSTS							
20. BPA PROGRAMS	\$ 184,374	91.06%	\$ 167,892	8.03%	\$ 14,808	0.91%	\$ 1,674
21. WNP #3 PLANT	\$ -			\$ -			
22. TOTAL OTHER GENERATION COSTS	\$ 184,374		\$ 167,892		\$ 14,808		\$ 1,674
23. TOTAL GENERATION COSTS	\$ 1,988,921		\$ 1,815,586		\$ 159,738		\$ 13,598
24. TRANSMISSION COSTS							
25. TBL TRANSMISSION/ANCILLARY SERVICES	\$ 124,614	100.00%	\$ 124,614				
26. 3RD PARTY TRANS/ANCILLARY SERVICES	\$ 1,300	100.00%	\$ 1,300				
27. GENERAL TRANSFER AGREEMENTS	\$ 47,000	100.00%	\$ 47,000				
28. TOTAL TRANSMISSION COSTS	172,914		172,914				
29. TOTAL PBL REVENUE REQUIREMENT	\$ 2,161,835		\$ 1,988,500		\$ 173,335		

Table 10.2.3.9

COSA 09

COST OF SERVICE ANALYSIS

Functionalized Revenue Credits

Test Period October 2006 - September 2013

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Colville Credit	\$ 4,600	\$ 4,600	\$ 4,600	\$ 4,600	\$ 4,600	\$ 4,600	\$ 4,600
'4(h)(10)(c)	\$ 84,707	\$ 84,927	\$ 84,676	\$ 84,676	\$ 84,676	\$ 84,676	\$ 84,676
Ancillary and Reserve Service Revs.	\$ 73,131	\$ 61,970	\$ 62,715	\$ 62,715	\$ 62,715	\$ 62,715	\$ 62,715
Energy Efficiency & Misc. Revenues	\$ 16,305	\$ 16,328	\$ 16,353	\$ 16,220	\$ 16,220	\$ 16,220	\$ 16,220
Reserve Product Revenue	\$ 3,000	\$ 3,300	\$ 3,630	\$ 3,630	\$ 3,630	\$ 3,630	\$ 3,630
Downstream Benefits & Storage	8921	8921	8921	8921	8921	8921	8921
Green Tags	\$ 1,079	\$ 1,082	\$ 1,082	\$ 2,128	\$ 2,128	\$ 2,128	\$ 2,128
Aluminum Hedging	\$ 875	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 192,618	\$ 181,129	\$ 181,977	\$ 182,891	\$ 182,891	\$ 182,891	\$ 182,891

Table 10.2.4.1

7B2 ALLOCATE 01

Energy Allocation Factors
Average Megawatts

	2007	2008	2009	2010	2011	2012	2013
Federal Base System							
Total Usage							
Priority Firm.....	7661	7752	7794	7923	7971	8106	8151
Industrial Firm.....	0	0	0	0	0	0	0
New Resource Firm.....	0	0	0	0	0	0	0
Surplus Firm Other.....	1305	1292	1256	1334	1287	888	876
Total.....	8965	9045	9050	9256	9258	8994	9027
Federal Base System							
Priority Firm.....	7661	7752	7794	7923	7971	8106	8151
Industrial Firm.....	0	0	0	0	0	0	0
New Resource Firm.....	0	0	0	0	0	0	0
Surplus Firm Other.....	1305	1292	1256	1334	1287	888	876
Total.....	8965	9045	9050	9256	9258	8994	9027
Residential Exchange							
Priority Firm.....	0	0	0	0	0	0	0
Industrial Firm.....	0	0	0	0	0	0	0
New Resource Firm.....	0	0	0	0	0	0	0
Surplus Firm Other.....	0	0	0	0	0	0	0
Total.....	0	0	0	0	0	0	0
New Resource							
Priority Firm.....	0	0	0	0	0	0	0
Industrial Firm.....	0	0	0	0	0	0	0
New Resource Firm.....	0	0	0	0	0	0	0
Surplus Firm Other.....	0	0	0	0	0	0	0
Total.....	0	0	0	0	0	0	0
Conservation							
Priority Firm.....	0	0	0	0	0	0	0
Industrial Firm.....	0	0	0	0	0	0	0
New Resource Firm.....	0	0	0	0	0	0	0
Surplus Firm Other.....	0	0	0	0	0	0	0
Total.....	8965	9045	9050	9256	9258	8994	9027

Table 10.2.4.2

7B2 ALLOCATE 02

Initial Rate Pool Cost Allocation							
CLASSES OF SERVICE	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Power Rates							
Priority Firm - Preference							
FBS	\$ 1,862,866	\$ 1,602,549	\$ 1,657,983	\$ 1,650,537	\$ 1,759,230	\$ 1,786,003	\$ 1,792,024
NR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
conservation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BPA programs	\$ 305,291	\$ 309,731	\$ 319,056	\$ 325,712	\$ 335,638	\$ 359,065	\$ 368,198
Total	\$ 2,168,156	\$ 1,912,280	\$ 1,977,039	\$ 1,976,248	\$ 2,094,868	\$ 2,145,068	\$ 2,160,222
Industrial Firm Power							
FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
conservation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BPA programs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resources Firm							
FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
conservation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BPA programs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Power							
FBS	\$ 317,285	\$ 267,155	\$ 267,182	\$ 277,814	\$ 284,032	\$ 195,716	\$ 192,653
NR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
conservation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BPA programs	\$ 51,997	\$ 51,634	\$ 51,416	\$ 54,823	\$ 54,190	\$ 39,348	\$ 39,583
Total	\$ 369,282	\$ 318,789	\$ 318,598	\$ 332,637	\$ 338,222	\$ 235,063	\$ 232,236
Total Revenue Requirement	\$ 2,537,439	\$ 2,231,069	\$ 2,295,636	\$ 2,308,885	\$ 2,433,089	\$ 2,380,132	\$ 2,392,459

Table 10.2.5.1

Rate Design Study

Allocation of Secondary and Other Revenues

Test Period October 2006 - September 2013

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Forecast of Secondary Revenues	\$ 600,634	\$ 582,252	\$ 566,351	\$ 566,351	\$ 566,351	\$ 566,351	\$ 566,351
Additional Secondary Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Gross Secondary Revenues	\$ 600,634	\$ 582,252	\$ 566,351	\$ 566,351	\$ 566,351	\$ 566,351	\$ 566,351

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Allocation of Secondary Revenues Credit							
Priority Firm.....	\$ (513,221)	\$ (499,056)	\$ (487,751)	\$ (484,758)	\$ (487,623)	\$ (510,418)	\$ (511,375)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (87,412)	\$ (83,196)	\$ (78,601)	\$ (81,593)	\$ (78,728)	\$ (55,933)	\$ (54,976)
Total.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Total Other Revenue Credits	\$ 192,618	\$ 181,129	\$ 181,977	\$ 182,891	\$ 182,891	\$ 182,891	\$ 182,891

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Allocation of Other Revenue Credits							
Priority Firm.....	\$ (164,586)	\$ (155,248)	\$ (156,722)	\$ (156,542)	\$ (157,467)	\$ (164,828)	\$ (165,138)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (28,032)	\$ (25,881)	\$ (25,256)	\$ (26,349)	\$ (25,423)	\$ (18,062)	\$ (17,753)
Total.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (182,891)	\$ (182,891)	\$ (182,891)	\$ (182,891)

Table 10.2.5.2

7B2 RDS 17

Rate Design Study

Calculation of FPS (Surplus)/Shortfall
 Test Period October 2006 - September 2013

FPS (Surplus)/Shortfall	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Costs allocated to FPS contract sales	\$ 369,282	\$ 318,789	\$ 318,598	\$ 332,637	\$ 338,222	\$ 235,063	\$ 232,236
Expected Revenue from FPS contract sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FPS Pre-Sub Contract Revenue	\$ (46,561)	\$ (47,781)	\$ (41,101)	\$ (40,660)	\$ (39,784)	\$ (5,300)	\$ (5,300)
(Surplus)/Shortfall	\$ 322,721	\$ 271,008	\$ 277,496	\$ 291,977	\$ 298,438	\$ 229,764	\$ 226,936
Secondary Revenues allocated to FPS	\$ (87,412)	\$ (83,196)	\$ (78,601)	\$ (81,593)	\$ (78,728)	\$ (55,933)	\$ (54,976)
Revenue Credits allocated to FPS	\$ (28,032)	\$ (25,881)	\$ (25,256)	\$ (26,349)	\$ (25,423)	\$ (18,062)	\$ (17,753)
FPS (Surplus)/Shortfall	\$ 207,277	\$ 161,932	\$ 173,640	\$ 184,035	\$ 194,286	\$ 155,768	\$ 154,207

Rate Design Study
 Allocation of FPS (Surplus)/Shortfall
 Test Period October 2006 - September 2009

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Allocation of FPS (Surplus)/Shortfall							
Priority Firm.....	\$ 207,277	\$ 161,932	\$ 173,640	\$ 184,035	\$ 194,286	\$ 155,768	\$ 154,207
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (207,277)	\$ (161,932)	\$ (173,640)	\$ (184,035)	\$ (194,286)	\$ (155,768)	\$ (154,207)
Total.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Table 10.2.5.3

7B2 RDS 19

Rate Design Study

Summary of Initial Allocations
Test Period October 2006 - September 2013

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Allocation of Revenue Requirement							
Priority Firm.....	\$ 2,168,156	\$ 1,912,280	\$ 1,977,039	\$ 1,976,248	\$ 2,094,868	\$ 2,145,068	\$ 2,160,222
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ 369,282	\$ 318,789	\$ 318,598	\$ 332,637	\$ 338,222	\$ 235,063	\$ 232,236
Total.....	\$ 2,537,439	\$ 2,231,069	\$ 2,295,636	\$ 2,308,885	\$ 2,433,089	\$ 2,380,132	\$ 2,392,459
Allocation of Secondary Revenues Credit							
Priority Firm.....	\$ (513,221)	\$ (499,056)	\$ (487,751)	\$ (484,758)	\$ (487,623)	\$ (510,418)	\$ (511,375)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (87,412)	\$ (83,196)	\$ (78,601)	\$ (81,593)	\$ (78,728)	\$ (55,933)	\$ (54,976)
Total.....	\$ (600,634)	\$ (582,252)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)	\$ (566,351)
Allocation of other Revenues Credits							
Priority Firm.....	\$ (164,586)	\$ (155,248)	\$ (156,722)	\$ (156,542)	\$ (157,467)	\$ (164,828)	\$ (165,138)
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (28,032)	\$ (25,881)	\$ (25,256)	\$ (26,349)	\$ (25,423)	\$ (18,062)	\$ (17,753)
Total.....	\$ (192,618)	\$ (181,129)	\$ (181,977)	\$ (182,891)	\$ (182,891)	\$ (182,891)	\$ (182,891)
Allocation of FPS (Surplus)/Shortfall							
Priority Firm.....	\$ 207,277	\$ 161,932	\$ 173,640	\$ 184,035	\$ 194,286	\$ 155,768	\$ 154,207
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ (207,277)	\$ (161,932)	\$ (173,640)	\$ (184,035)	\$ (194,286)	\$ (155,768)	\$ (154,207)
Total.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Low Density Discount							
Priority Firm.....	\$ 22,289	\$ 22,612	\$ 22,853	\$ 22,853	\$ 22,853	\$ 22,853	\$ 22,853
Irrigation Rate Mitigation.....							
Priority Firm.....	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Initial Allocation							
Priority Firm.....	\$ 1,729,915	\$ 1,452,519	\$ 1,539,060	\$ 1,551,837	\$ 1,676,916	\$ 1,658,443	\$ 1,670,770
Industrial Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Resource Firm.....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Surplus Firm Other.....	\$ 46,561	\$ 47,781	\$ 41,101	\$ 40,660	\$ 39,784	\$ 5,300	\$ 5,300
Total.....	\$ 1,776,476	\$ 1,500,300	\$ 1,580,161	\$ 1,592,496	\$ 1,716,700	\$ 1,663,743	\$ 1,676,070

Table 10.2.6

7B2 RDS 50

Rate Design Study

Calculation of 7(b)(2) Case Priority Firm Preference Rate Component
Fiscal Year 2007

VELIZED MARGINAL COSTS OF POWER

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
rgy Mills/kwh												
HLH	53.34	63.03	66.13	59.13	59.27	56.85	47.16	41.76	41.17	49.51	54.63	56.83
LLH	46.08	52.01	54.79	50.01	52.39	50.21	40.56	35.55	31.27	41.07	46.87	50.78
MONTHLY DEMAND	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

F billing determinants (GWHs)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
HLH	2,952	3,271	3,597	3,520	3,099	3,255	2,869	2,876	2,946	3,030	3,077	2,788
LLH	1,975	2,189	2,459	2,330	2,112	2,164	1,940	1,921	1,924	2,025	1,966	1,869
Demand	8,317	9,082	9,472	9,435	9,309	8,657	7,805	7,109	7,412	7,690	7,511	7,233

Revenue At Marginal Rates

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Maginal Revenues	Allocated Costs
HLH \$	157,453	\$ 206,137	\$ 237,855	\$ 208,164	\$ 183,656	\$ 185,037	\$ 135,320	\$ 120,115	\$ 121,279	\$ 150,005	\$ 168,117	\$ 158,420	\$ 3,184,336	\$ 1,556,579
LLH \$	90,983	\$ 113,840	\$ 134,754	\$ 116,504	\$ 110,670	\$ 108,664	\$ 78,702	\$ 68,287	\$ 60,156	\$ 83,168	\$ 92,168	\$ 94,884		
Demand \$	14,638	\$ 17,073	\$ 18,755	\$ 15,757	\$ 15,919	\$ 13,765	\$ 11,630	\$ 8,815	\$ 8,375	\$ 10,689	\$ 12,243	\$ 12,079	\$ 159,738	\$ 159,738
													LV Revenue	
													\$ 13,598	\$ 13,597.6
													\$ 3,357,671	\$ 1,729,915

PF rates	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
HLH	26.07	30.81	32.32	28.91	28.97	27.79	23.05	20.42	20.13	24.20	26.70	27.78
LLH	22.52	25.42	26.79	24.44	25.61	24.54	19.83	17.38	15.28	20.07	22.91	24.82
Demand	1.76	1.88	1.98	1.67	1.71	1.59	1.49	1.24	1.13	1.39	1.63	1.67

Revenues at Proposed Rates

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Totals
HLH \$	76,959	\$ 100,766	\$ 116,252	\$ 101,772	\$ 89,774	\$ 90,453	\$ 66,140	\$ 58,729	\$ 59,293	\$ 73,327	\$ 82,168	\$ 77,446	\$ 1,556,550
LLH \$	44,468	\$ 55,642	\$ 65,883	\$ 56,940	\$ 54,100	\$ 53,107	\$ 38,475	\$ 33,384	\$ 29,396	\$ 40,646	\$ 45,048	\$ 46,380	
Demand \$	14,638	\$ 17,073	\$ 18,755	\$ 15,757	\$ 15,919	\$ 13,765	\$ 11,630	\$ 8,815	\$ 8,375	\$ 10,689	\$ 12,243	\$ 12,079	\$ 159,738
													LV Revenue
													\$ 13,598
													\$ 1,729,885

Unbifurcated PF Average Rate		
Energy Costs \$	1,556,579	25.04
Demand Costs \$	159,738	2.57
Unbundled Cost \$	13,598	0.22
Total \$	1,729,915	27.83
Billing Determinants	62154	

Table 10.3

7(b)(2) Rate Test
Nominal mills/kWh

	Program Case <u>PF Rate</u>	Program Case <u>7(g) costs</u>	Adjusted Program Case <u>PF Rate</u>	7(b)(2) Case <u>PF Rate</u>
2007	29.65	1.79	27.86	27.83
2008	29.68	1.78	27.90	23.25
2009	31.61	1.86	29.75	24.49
2010	31.27	1.94	29.34	24.38
2011	33.00	1.89	31.11	26.30
2012	33.39	1.89	31.49	25.74
2013	35.05	1.96	33.09	25.77

Discounted mills/kWh

	Adjusted Program Case <u>PF Rate</u>	7(b)(2) Case <u>PF Rate</u>
2007	26.12	26.09
2008	24.44	20.37
2009	24.31	20.02
2010	22.30	18.53
2011	21.98	18.58
2012	20.69	16.9
2013	20.21	15.74
Average Discounted Program Case Rate		22.9
Average Discounted 7(b)(2) Case Rate		19.5
Rate Test Result (Triggers if Positive)		3.40

Section 11. Average System Cost Backcast for 2007 and 2008

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Table 11.6.1
Avista 2007 - 2008 ASC Backcast
ASC Forecast Model

	2002	2003	2004	2005	2006	2007	2008
Inflation Rate					100.00%	102.90%	102.35%
Electric Market Prices (\$/MWH)					53.03	50.11	62.89
Natural Gas Prices (\$/MMBtu)					6.91	6.34	8.58
Coal Escalation Rate					0.50%	0.50%	0.50%
Cumulative TRL Growth (MWH)						165,660	345,758
Fuel Cost	\$19,498,777	\$36,785,254	\$39,678,923	\$94,299,170	\$110,979,411	\$104,066,404	\$131,977,534
Coal Cost	15,531,714	18,022,235	19,452,596	23,116,610	25,443,765	25,570,984	25,698,839
Natural Gas Cost	3,967,063	18,763,019	20,226,327	71,182,560	85,535,646	78,495,420	106,278,695
Purchased Power Cost	115,282,088	148,932,685	172,891,720	257,077,620	200,083,219	206,886,931	251,461,254
Non Fuel or Purchase Power Cost	283,359,586	271,094,465	279,949,616	250,653,402	274,827,943	282,797,953	289,433,361
Off-System Sales							
Sale for Resale Credit	64,082,272	80,710,417	89,993,250	221,803,806	175,572,595	148,361,673	183,241,329
Total Production and Transmission Costs	\$354,058,179	\$376,101,987	\$402,527,009	\$380,226,386	\$410,317,978	\$445,389,616	\$489,630,820
Total Retail Load (including losses)	7,977,930	8,443,224	8,795,447	8,969,808	9,226,352	9,392,012	9,572,110
ASC before NLSL Adjustment (\$/MWh)	\$44.38	\$44.54	\$45.77	\$42.39	\$44.47	\$47.42	\$51.15
New Large Single Load (s)	-	29,368	17,835	37,455	61,449	61,449	61,449
Contract System Load	7,977,930	8,413,856	8,777,612	8,932,353	9,164,903	9,330,563	9,510,660
Cost of Serving NLSL (s)	\$0	\$1,308,185	\$816,232	\$1,747,441	\$3,398,696	\$3,514,424	\$3,640,277
Contract System Cost	\$354,058,179	\$374,793,803	\$401,710,777	\$378,478,945	\$406,919,282	\$441,875,191	\$485,990,543
ASC after NLSL Adjustment (\$/MWh)	\$44.38	\$44.54	\$45.77	\$42.37	\$44.40	\$47.36	\$51.10
Average System Cost (\$/MWh) See Note below	\$44.38	\$44.54	\$45.77	\$42.37	\$44.40	\$47.36	\$51.10
Residential Load	3,363,095	3,462,752	3,510,227	3,590,509	3,756,579	3,824,029	3,897,357
Note: ASC is lesser of ASC before NLSL adjustment and ASC after NLSL Adjustment							

Table 11.6.1
Avista 2007 - 2008 ASC Backcast
ASC Forecast Model

Purchased Power Detail								
Purchased Power in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	\$3,170	\$3,403	\$4,111	\$4,860	\$6,183	\$6,362	\$6,512
	LF	10,801,743	10,750,657	12,749,802	11,877,298	12,903,902	13,278,115	13,589,665
	IF	44,045,248	38,649,249	26,271,191	26,266,566	26,191,912	26,951,477	27,583,851
	SF	44,636,888	73,360,239	93,694,368	180,444,332	113,803,605	114,012,929	143,105,576
	LU	11,052,443	22,409,254	35,078,323	34,971,204	41,336,441	42,535,198	43,533,219
	IU	0	1,506,443	1,525,477	1,410,830	1,532,242	1,576,677	1,613,671
	OS	2,930,395	372,898	15,218	18,276	702,316	-	-
	EX	1,812,201	1,880,542	2,535,605	2,084,254	3,606,618	5,612	7,044
	AD	0	0	0	0	0	-	-
	NA	0	0	1,017,625	0	0	219,722	275,788
Load Growth							8,300,839	21,745,927
Total		\$115,282,088	\$148,932,685	\$172,891,720	\$257,077,620	\$200,083,219	\$206,886,931	\$251,461,254
Purchased Power in MWhs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	0	0	0	38	124	32	32
	LF	438,474	405,306	438,391	457,836	362,075	420,416	420,416
	IF	1,490,074	1,295,966	885,731	882,372	878,284	1,086,485	1,086,485
	SF	1,793,810	1,870,905	2,144,927	3,148,858	2,418,310	2,275,362	2,275,362
	LU	942,133	1,112,382	1,447,477	1,494,022	1,627,926	1,324,788	1,324,788
	IU	0	35,049	37,797	36,846	36,513	29,241	29,241
	OS	0	0	0	0	0	0	0
	EX	0	0	560	0	0	112	112
	AD	0	0	0	0	0	0	0
	NA	0	0	21,925	0	0	4,385	4,385
Load Growth							165,660	345,758
Total		4,666,493	4,721,611	4,978,812	6,021,977	5,325,238	5,308,489	5,488,588

Table 11.6.1
Avista 2007 - 2008 ASC Backcast
ASC Forecast Model

Sales for Resale Detail								
Sales for Resale in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	LF	18,525,898	11,849,014	4,119,289	5,272,397	9,039,526	9,301,672	9,519,921
	IF	584,710	1,202,787	1,229,175	990,341	3,449,688	3,549,729	3,633,018
	SF	44,910,342	67,647,687	84,652,780	215,537,447	163,105,424	135,511,685	170,090,164
	LU	0	0	0	0	0	-	-
	IU	0	0	0	0	0	-	-
	OS	61,322	7,308	0	0	0	581	730
	EX	0	0	0	0	0	-	-
	AD	0	3,621	(7,994)	3,621	(22,043)	(1,994)	(2,503)
	NA	0	0	0	0	0	-	-
Total		\$64,082,272	\$80,710,417	\$89,993,250	\$221,803,806	\$175,572,595	\$148,361,673	\$183,241,329
Sales for Resale in MWhs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	0	0	0	0	0	0	0
	LF	350,662	135,100	55,225	57,573	122,445	144,201	144,201
	IF	7,284	14,269	16,135	8,128	32,833	15,730	15,730
	SF	1,857,447	2,027,158	2,161,327	4,078,716	3,397,421	2,704,414	2,704,414
	LU	0	0	0	0	0	0	0
	IU	0	0	0	0	0	0	0
	OS	152	(94)	0	0	0	12	12
	EX	0	0	0	0	0	0	0
	AD	0	86	(34)	86	(337)	(40)	(40)
	NA	0	0	0	0	0	0	0
Total		2,217,547	2,178,522	2,234,657	4,146,508	3,554,368	2,866,323	2,866,324

**Table 11.6.2
Idaho 2007 - 2008 Backcast
ASC Forecast Model**

	2002	2003	2004	2005	2006	2007	2008
Inflation Rate					100.00%	102.90%	103.30%
Electric Market Prices (\$/MWH)					53.03	50.11	62.89
Natural Gas Prices (\$/MMBtu)					6.91	6.34	8.58
Coal Escalation Rate						0.50%	0.50%
Cumulative TRL Growth (MWH)						374,218	711,346
Fuel Cost	\$102,870,594	\$99,897,758	\$103,261,433	\$103,163,511	\$115,018,156	\$114,938,588	\$117,914,440
Coal Cost	98,346,451	94,223,588	98,387,370	98,982,043	107,519,847	108,057,446	108,597,733
Natural Gas Cost	4,524,143	5,674,170	4,874,063	4,181,468	7,498,309	6,881,142	9,316,706
Purchased Power Cost	142,102,234	150,979,849	195,642,193	222,310,315	283,439,877	231,897,293	298,957,697
Non Fuel or Purchase Power Cost	414,632,267	332,123,596	297,760,261	281,504,705	277,306,769	285,348,665	294,765,171
Off-System Sales							
Sale for Resale Credit	55,031,087	71,572,857	121,147,646	142,794,426	260,717,491	148,223,704	183,865,094
Total Production and Transmission Costs	\$604,574,008	\$511,428,346	\$475,516,241	\$464,184,105	\$415,047,311	\$483,960,842	\$527,772,214
Total Retail Load (including losses)	13,538,771	13,629,033	13,901,568	13,953,253	14,636,280	15,010,497	15,347,626
ASC before NLSL Adjustment (\$/MWh)	\$44.66	\$37.52	\$34.21	\$33.27	\$28.36	\$32.24	\$34.39
New Large Single Load (s)	306,600	332,880	367,920	367,920	385,440	385,440	385,440
Contract System Load	13,232,171	13,296,153	13,533,648	13,585,333	14,250,840	14,625,057	14,962,186
Cost of Serving NLSL (s)	\$13,691,227	\$14,350,370	\$14,388,384	\$14,967,131	\$17,948,434	\$18,208,989	\$18,688,093
Contract System Cost	\$590,882,782	\$497,077,976	\$461,127,857	\$449,216,975	\$397,098,877	\$465,751,853	\$509,084,120
ASC after NLSL Adjustment (\$/MWh)	\$44.66	\$37.39	\$34.07	\$33.07	\$27.86	\$31.85	\$34.02
Average System Cost (\$/MWh) See Note below	\$44.66	\$37.39	\$34.07	\$33.07	\$27.86	\$31.85	\$34.02
Residential Load	6,512,942	6,580,516	6,660,452	6,538,585	7,038,389	7,218,346	7,380,466
Note: ASC is lesser of ASC before NLSL adjustment and ASC after NLSL Adjustment							

Table 11.6.2
Idaho 2007 - 2008 Backcast
ASC Forecast Model

Purchased Power Detail								
Purchased Power in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	LF	0	0	3,554,304	7,582,933	4,609,488	4,743,163	4,899,688
	IF	0	1,600,209	1,930,867	0	4,034,733	4,151,740	4,288,748
	SF	41,228,580	88,074,347	129,584,651	148,730,964	199,898,757	132,244,429	165,989,203
	LU	43,873,306	38,047,703	39,633,969	42,312,915	49,602,601	51,041,076	52,725,432
	IU	0	0	0	0	0	-	-
	OS	55,523,128	22,865,973	20,826,678	23,592,338	25,293,796	20,965,741	26,315,564
	EX	1,477,220	391,617	111,724	92,515	0	-	-
	AD	0	0	0	(1,350)	500	-	-
	NA	0	0	0	0	0	-	-
Load Growth							18,751,143	44,739,063
Total		\$142,102,234	\$150,979,849	\$195,642,193	\$222,310,315	\$283,439,875	\$231,897,293	\$298,957,697
Purchased Power in MWhs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	0	0	0	0	0	0	0
	LF	0	0	79,872	157,636	103,584	68,218	68,218
	IF	0	45,355	48,457	0	95,612	37,885	37,885
	SF	1,976,592	2,134,559	2,973,972	2,679,186	3,431,736	2,639,209	2,639,209
	LU	688,212	649,504	671,910	691,083	839,859	708,114	708,114
	IU	0	0	0	0	0	0	0
	OS	190,809	531,881	485,665	390,484	493,233	418,414	418,414
	EX	0	0	0	0	0	0	0
	AD	0	0	0	0	0	0	0
	NA	0	0	0	0	0	0	0
Load Growth							374,218	711,346
Total		2,855,613	3,361,299	4,259,876	3,918,389	4,964,024	4,246,058	4,583,186

Table 11.6.2
Idaho 2007 - 2008 Backcast
ASC Forecast Model

Sales for Resale Detail								
Sales for Resale in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	\$2,734,574	\$3,510,281	\$3,300,005	\$3,424,472	\$3,485,271	\$3,586,344	\$3,704,693
	LF	11,360,931	13,656,458	570,036	293,363	0	-	-
	IF	0	0	5,280,645	7,069,470	6,054,059	6,229,627	6,435,204
	SF	39,445,445	48,810,438	102,487,874	119,130,850	226,307,711	125,684,121	157,754,904
	LU	0	0	0	0	0	-	-
	IU	0	0	0	0	0	-	-
	OS	1,490,137	5,595,680	9,509,086	12,875,621	24,870,450	12,723,612	15,970,293
	EX	0	0	0	0	0	-	-
	AD	0	0	0	650	0	-	-
	NA	0	0	0	0	0	-	-
Total		\$55,031,087	\$71,572,857	\$121,147,646	\$142,794,426	\$260,717,491	\$148,223,704	\$183,865,094
Sales for Resale in MWhs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	106,282	103,274	104,331	107,606	108,970	106,093	106,093
	LF	453,498	393,150	19,354	10,256	0	175,252	175,252
	IF	0	0	44,231	58,617	57,848	32,139	32,139
	SF	1,452,564	1,158,011	2,468,846	2,308,517	5,153,485	2,508,285	2,508,285
	LU	0	0	0	0	0	0	0
	IU	0	0	0	0	0	0	0
	OS	56,160	175,505	248,588	288,856	500,520	253,926	253,926
	EX	0	0	0	0	0	0	0
	AD	0	0	0	0	0	0	0
	NA	0	0	0	0	0	0	0
Total		2,068,504	1,829,940	2,885,350	2,773,852	5,820,823	3,075,694	3,075,694

**Table 11.6.3
NorthWestern 2007 - 2008 Backcast
ASC Forecast Model**

	2002	2003	2004	2005	2006	2007	2008
Inflation Rate					100.00%	102.90%	103.30%
Electric Market Prices (\$/MWH)					53.03	51.63	61.91
Natural Gas Prices (\$/MMBtu)					6.91	6.50	8.69
Coal Escalation Rate						0.50%	0.50%
Cumulative TRL Growth (MWH)						62,041	147,244
Fuel Cost	\$30,035,175	\$30,035,175	\$32,641,612	\$28,075,080	\$41,593,208	\$41,757,732	\$42,178,770
Coal Cost	29,725,757	29,725,757	32,252,303	27,575,118	40,915,857	41,120,436	41,326,038
Natural Gas Cost	309,418	309,418	389,309	499,962	677,351	637,295	852,731
Purchased Power Cost	267,594,223	267,594,223	262,964,290	285,300,128	294,656,365	253,960,080	273,254,741
Non Fuel or Purchase Power Cost	136,035,674	136,035,674	165,094,617	141,490,515	157,382,652	161,946,749	167,290,992
Off-System Sales							
Sale for Resale Credit	119,372,911	119,372,911	114,608,124	111,378,826	105,792,580	75,124,002	83,317,431
Total Production and Transmission Costs	\$314,292,161	\$314,292,161	\$346,092,395	\$343,486,897	\$387,839,645	\$382,540,559	\$399,407,072
Total Retail Load (including losses)	6,689,197	6,689,197	6,862,353	7,231,277	7,369,983	7,432,023	7,517,227
ASC before NLSL Adjustment (\$/MWh)	\$46.99	\$46.99	\$50.43	\$47.50	\$52.62	\$51.47	\$53.13
New Large Single Load (s)	-	-	-	-	-	-	-
Contract System Load	6,689,197	6,689,197	6,862,353	7,231,277	7,369,983	7,432,023	7,517,227
Cost of Serving NLSL (s)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contract System Cost	\$314,292,161	\$314,292,161	\$346,092,395	\$343,486,897	\$387,839,645	\$382,540,559	\$399,407,072
ASC after NLSL Adjustment (\$/MWh)	\$46.99	\$46.99	\$50.43	\$47.50	\$52.62	\$51.47	\$53.13
Average System Cost (\$/MWh) See Note below	\$46.99	\$46.99	\$50.43	\$47.50	\$52.62	\$51.47	\$53.13
Residential Load	845,778	845,778	836,111	847,092	898,218	951,068	961,972

Note: ASC is lesser of ASC before NLSL adjustment and ASC after NLSL Adjustment

**Table 11.6.3
NorthWestern 2007 - 2008 Backcast
ASC Forecast Model**

Purchased Power Detail								
Purchased Power in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	\$33,915,237	\$208,694,706	\$203,955,140	\$213,990,692	\$21,452,392	\$22,074,511	\$22,802,970
	LF	0	0	0	0	118,386,444	121,819,651	125,839,699
	IF	0	0	0	0	0	-	-
	SF	0	0	7,795,808	16,093,924	67,809,171	22,711,070	27,232,225
	LU	6,831,603	21,847,220	51,658,129	54,172,817	73,872,005	76,014,293	78,522,765
	IU	6,506	21,769,393	0	8,216,320	(956,972)	83,539	83,864
	OS	(879,002)	12,351,403	4,212,210	(12,545,513)	17,449,978	8,004,899	9,598,456
	EX	0	190,826	(380,072)	141,205	100,610	-	-
	AD	0	2,629,580	(4,276,925)	5,230,683	(3,457,263)	11,011	13,203
	NA	0	111,098	0	0	0	37,667	45,166
Load Growth							3,203,438	9,116,393
Total		\$39,874,344	\$267,594,226	\$262,964,290	\$285,300,128	\$294,656,365	\$253,960,080	\$273,254,741
Purchased Power in MWs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	1,041,199	6,168,615	5,956,514	5,548,700	286,516	4,490,086	4,490,086
	LF	0	0	0	0	3,536,694	884,174	884,174
	IF	0	0	0	0	0	0	0
	SF	0	0	149,722	224,197	1,385,455	439,844	439,844
	LU	132,312	428,767	796,240	794,270	1,290,616	827,473	827,473
	IU	160	302,419	0	18,600	3,719	81,185	81,185
	OS	57,734	219,519	172,484	127,959	100,159	155,030	155,030
	EX	0	0	0	0	0	0	0
	AD	0	0	(69,481)	70,334	0	213	213
	NA	0	2,918	0	0	0	730	730
Load Growth							62,041	147,244
Total		1,231,405	7,122,238	7,005,479	6,784,060	6,603,159	6,940,775	7,025,978

**Table 11.6.3
NorthWestern 2007 - 2008 Backcast
ASC Forecast Model**

Sales for Resale Detail								
Sales for Resale in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	\$7,950,845	\$54,366,427	\$33,430,035	\$42,670,567	\$38,069	\$39,173	\$40,466
	LF	0	108,329	9,088,716	0	0	-	-
	IF	0	6,775,656	0	0	0	-	-
	SF	0	3,360	12,340,746	11,472,692	47,268,920	19,013,699	22,798,807
	LU	6,370,901	50,111,482	47,603,079	47,448,351	39,146,813	40,282,071	41,611,379
	IU	0	0	0	0	383,012	394,119	407,125
	OS	7,441,284	8,007,657	12,145,548	9,787,216	18,955,766	15,394,941	18,459,653
	EX	0	0	0	0	0	-	-
	AD						-	-
	NA						-	-
Total		\$21,763,030	\$119,372,911	\$114,608,124	\$111,378,826	\$105,792,580	\$75,124,002	\$83,317,431
Sales for Resale in MWs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	276,748	1,587,636	1,062,780	1,063,869	843	798,375	798,375
	LF	0	0	124,400	0	0	24,880	24,880
	IF	0	203,107	0	0	0	40,621	40,621
	SF	0	120	337,410	236,692	1,266,962	368,237	368,237
	LU	223,623	1,445,028	1,200,343	1,053,737	723,917	929,330	929,330
	IU	0	0	0	0	8,759	1,752	1,752
	OS	339,365	295,295	395,264	213,211	247,628	298,153	298,153
	EX	0	0	0	0	0	0	0
	AD	0	0	0	0	0	0	0
	NA	0	0	0	0	0	0	0
Total		839,736	3,531,186	3,120,197	2,567,509	2,248,109	2,461,347	2,461,347

Table 11.6.4
PacifiCorp - PNW Total 2007 - 2008 ASC Backcast
ASC Forecast Model

	2002	2003	2004	2005	2006	2007	2008
Inflation Rate					100.00%	102.90%	103.30%
Electric Market Prices (\$/MWH)					53.03	50.11	62.89
Natural Gas Prices (\$/MMBtu)					6.91	6.34	8.58
Coal Escalation Rate						0.50%	0.50%
Cumulative TRL Growth (MWH)						(55,137)	276,425
Fuel Cost	\$203,272,181	\$210,168,741	\$214,258,174	\$223,907,323	\$258,252,611	\$254,787,238	\$273,507,577
Coal Cost	177,486,829	176,175,347	185,156,321	197,544,968	203,771,202	204,790,058	205,814,008
Natural Gas Cost	25,785,352	33,993,394	29,101,853	26,362,355	54,481,410	49,997,181	67,693,569
Purchased Power Cost	512,195,955	517,215,878	278,090,221	410,621,433	417,130,503	450,205,003	532,572,379
Non Fuel or Purchase Power Cost	500,643,262	513,997,228	498,233,041	516,586,913	571,965,176	588,552,166	607,974,388
Off-System Sales							
Sale for Resale Credit	425,514,527	442,670,340	141,779,372	266,309,277	324,212,511	384,507,457	456,014,465
Total Production and Transmission Costs	\$790,596,871	\$798,711,507	\$848,802,064	\$884,806,392	\$923,135,779	\$909,036,951	\$958,039,879
Total Retail Load (including losses)	21,148,443	21,684,793	21,479,607	21,706,069	22,480,119	22,424,981	22,701,406
ASC before NLSL Adjustment (\$/MWh)	\$37.38	\$36.83	\$39.52	\$40.76	\$41.06	\$40.54	\$42.20
New Large Single Load (s)	0	0	0	124,942	342,068	342,068	342,068
Contract System Load	21,148,443	21,684,793	21,479,607	21,581,127	22,138,051	22,082,913	22,359,338
Cost of Serving NLSL (s)	\$0	\$0	\$0	\$5,093,022	\$14,046,866	\$13,866,342	\$14,435,880
Contract System Cost	\$790,596,871	\$798,711,507	\$848,802,064	\$879,713,370	\$909,088,914	\$895,170,610	\$943,603,998
ASC after NLSL Adjustment (\$/MWh)	\$37.38	\$36.83	\$39.52	\$40.76	\$41.06	\$40.54	\$42.20
Average System Cost (\$/MWh) See Note below	\$37.38	\$36.83	\$39.52	\$40.76	\$41.06	\$40.54	\$42.20
Residential Load	8,470,876	8,857,937	8,826,299	8,960,693	9,251,568	9,168,719	9,281,739

Note: ASC is lesser of ASC before NLSL adjustment and ASC after NLSL Adjustment

Table 11.6.4
PacifiCorp - PNW Total 2007 - 2008 ASC Backcast
ASC Forecast Model

Purchased Power Detail								
Purchased Power In Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	0	0	0	0	0	-	-
	LF	54,174,383	88,705,600	80,727,702	89,714,041	96,929,276	99,740,225	103,031,652
	IF	30,307,600	12,697,152	24,924,426	33,919,522	27,968,257	28,779,336	29,729,054
	SF	288,569,413	242,208,948	102,924,038	466,568,659	653,255,046	375,163,412	470,893,755
	LU	77,697,022	82,361,351	90,439,399	100,184,334	108,377,015	111,519,949	115,200,107
	IU	5,588,255	11,208,671	10,871,416	14,220,332	18,390,749	139,047	139,588
	OS	7,457,261	9,796,699	12,550,016	13,908,571	25,681,598	17,820,338	22,367,548
	EX	2,796,506	3,146,784	(364,725)	(1,048,842)	10,282,362	-	-
	NA	(19,607,637)	0	0	0	5,575,677	(1,396)	(1,752)
	AD	86757	-1026536	-132907892	-374351996	-592789273	(180,193,099)	(226,172,922)
Out of Region REP ADD Back		65,126,394	60,393,322	67,645,520	67,506,811	63,459,797		
Load Growth							-2,762,807	17,385,350
Total		\$512,195,955	\$509,491,991	\$256,809,899	\$410,621,433	\$417,130,503	\$450,205,003	\$532,572,379
Purchased Power In MWhs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	0	0	0	0	0	0	0
	LF	1,773,182	1,924,914	1,813,842	2,062,783	2,174,621	1,949,868	1,949,868
	IF	55,621	146,025	368,875	620,260	509,087	339,974	339,974
	SF	9,489,638	6,072,873	1,777,521	7,868,391	12,227,357	7,487,156	7,487,156
	LU	2,122,029	2,230,260	2,364,646	2,407,556	2,500,434	2,324,985	2,324,985
	IU	61,654	85,493	101,763	189,912	236,819	135,128	135,128
	OS	268,913	293,669	314,568	333,320	567,738	355,641	355,641
	EX	0	0	0	0	0	0	0
	NA	(6,280)	753	2,695	0	2,692	(28)	(28)
	AD	-12,167	9,448	625	-6,632,980	-11,345,542	-3,596,123	-3,596,123
Load Growth							-55,137	276,425
Total		\$13,752,590	\$10,763,435	\$6,744,535	\$6,849,242	\$6,873,206	\$8,941,464	\$9,273,026

Table 11.6.4
PacifiCorp - PNW Total 2007 - 2008 ASC Backcast
ASC Forecast Model

Sales for Resale Detail								
Sales for Resale in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	3,146,441	2,990,473	3,093,077	3,194,124	3,341,362	3,438,261	3,551,724
	LF	143,268,735	143,821,256	113,436,030	96,575,832	95,735,391	98,511,717	101,762,604
	IF	1,485,468	513,741	1,151,681	5,942,431	5,556,904	5,718,054	5,906,750
	SF	258,569,441	272,075,372	117,943,793	522,781,232	202,611,722	322,996,574	405,415,520
	LU	10,370,800	9,816,548	10,461,451	11,114,267	11,750,250	12,091,007	12,490,010
	IU	0	0	26,809	287,804	287,270	3,260	3,272
	OS	7,313,880	12,964,622	8,582,178	2,167,964	(2,401,650)	8,077,455	10,138,577
	EX	0	0	0	0	0	-	-
	NA	273,970	(596,081)	18,196,217	0	7,334,904	(593,500)	(744,943)
	AD	1,085,792	1,084,407	(131,111,863)	(375,754,378)	(3,641)	(65,735,372)	(82,509,049)
Total		\$425,514,527	\$442,670,340	\$141,779,372	\$266,309,277	\$324,212,511	\$384,507,457	\$456,014,465
Sales for Resale in MWs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	87,064	81,739	87,105	89,999	93,273	87,836	87,836
	LF	3,311,068	3,136,615	2,482,046	2,063,456	2,060,862	2,610,810	2,610,810
	IF	42,634	13,755	31,331	150,757	132,617	74,219	74,219
	SF	9,394,834	7,029,754	2,701,339	9,679,845	3,424,525	6,446,060	6,446,060
	LU	237,066	236,898	272,386	257,953	273,672	255,595	255,595
	IU	0	0	706	7,574	7,560	3,168	3,168
	OS	293,403	304,350	191,878	59,827	(43,448)	161,202	161,202
	EX	0	0	0	0	0	-	-
	NA	(8,740)	(4,347)	6,769	0	(52,904)	(11,845)	(11,845)
	AD	7,923	2,797	585	(6,570,950)	224	(1,311,884)	(1,311,884)
Total		\$13,365,253	\$10,801,562	\$5,774,144	\$5,738,462	\$5,896,381	\$8,315,160	\$8,315,160

Table 11.6.5
PacifiCorp - Oregon 2007 - 2008 ASC Backcast
ASC Forecast Model

	2002	2003	2004	2005	2006	2007	2008
Inflation Rates					100.00%	102.90%	103.30%
Market forecast					53.03	50.11	62.89
Gas forecast					6.91	6.34	8.58
Coal Escalation.						0.50%	0.50%
TRL Growth (Cumulative)						(9,316,123)	31,955,590
Fuel	\$129,202,411	\$133,585,953	\$140,574,053	\$146,904,827	\$167,745,950	\$165,495,044	\$177,654,692
Coal	112,812,909	111,979,315	121,480,427	129,608,576	132,357,979	133,019,769	133,684,868
NG	16,389,501	21,606,638	19,093,626	17,296,251	35,387,971	32,475,275	43,969,825
Purchased Power	338,276,177	341,591,550	184,210,041	272,000,183	276,291,871	294,520,910	347,951,476
Non Fuel or Purchased Power Cost	337,231,028	346,417,966	340,461,386	349,395,572	385,306,458	396,480,345	409,564,197
Off-system Sales							
Sale for Resale credit	281,028,044	292,358,479	93,916,226	176,406,213	214,746,418	251,214,562	297,933,037
Contract System Costs	\$523,681,571	\$529,236,989	\$571,329,255	\$591,894,369	\$614,597,861	\$605,281,738	\$637,237,328
Contract System Load	13,630,169	13,888,593	13,790,635	13,866,918	14,607,600	14,422,225	14,600,003
Average System Cost \$/MWh	\$38.42	\$38.11	\$41.43	\$42.68	\$42.07	\$41.97	\$43.65
NLSL Load							
Revised Contract System Load	13,630,169	13,888,593	13,790,635	13,866,918	14,607,600	14,422,225	14,600,003
NLSL Resource Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contract System Cost	\$523,681,571	\$529,236,989	\$571,329,255	\$591,894,369	\$614,597,861	\$605,281,738	\$637,237,328
ASC after NLSL Adjustment (\$/MWh)	\$38.42	\$38.11	\$41.43	\$42.68	\$42.07	\$41.97	\$43.65
Average System Cost (\$/MWh) See Note below	\$38.42	\$38.11	\$41.43	\$42.68	\$42.07	\$41.97	\$43.65
Residential load	5,522,959	5,727,959	5,730,467	5,864,590	6,080,289	5,977,338	6,051,019
Note: ASC is lesser of ASC before NLSL adjustment and ASC after NLSL Adjustment							

Table 11.6.6
PacifiCorp - Washington 2007 - 2008 ASC Backcast
ASC Forecast Model

	2002	2003	2004	2005	2006	2007	2008
Inflation Rates					100.00%	102.90%	103.30%
Market forecast					53.03	50.11	62.89
Gas forecast					6.91	6.34	8.58
Coal Escalation.						0.50%	0.50%
TRL Growth (Cumulative)						-	-
Fuel	\$40,830,382	\$40,566,951	\$41,770,721	\$43,651,872	\$50,044,378	\$49,372,855	\$53,000,496
Coal	35,650,993	35,387,561	36,097,167	38,512,396	39,486,931	39,684,366	39,882,787
NG	5,179,389	5,179,389	5,673,554	5,139,475	10,557,447	9,688,490	13,117,709
Purchased Power	102,605,030	103,610,640	54,995,026	81,204,353	79,911,338	87,927,808	100,637,301
Non Fuel or Purchased Power cost	96,112,902	99,750,497	91,644,432	96,924,619	105,640,835	108,704,419	112,291,665
Off-system Sales							
Sale for Resale credit	85,240,678	88,677,396	28,038,240	52,665,231	62,110,672	75,096,673	86,170,569
Contract System Costs	\$154,307,636	\$155,250,691	\$160,371,940	\$169,115,613	\$173,485,879	\$170,908,410	\$179,758,893
Contract System Load	4,138,318	4,351,969	4,263,434	4,456,725	4,374,360	4,461,534	4,516,530
Average System Cost \$/MWh	\$37.29	\$35.67	\$37.62	\$37.95	\$39.66	\$38.31	\$39.80
NLSL Load	0	0	0	0	0	0	0
Revised Contract System Load	4,138,318	4,351,969	4,263,434	4,456,725	4,374,360	4,461,534	4,516,530
NLSL Resource Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contract System Cost	\$154,307,636	\$155,250,691	\$160,371,940	\$169,115,613	\$173,485,879	\$170,908,410	\$179,758,893
ASC after NLSL Adjustment (\$/MWh)	\$37.29	\$35.67	\$37.62	\$37.95	\$39.66	\$38.31	\$39.80
Average System Cost (\$/MWh) See Note below	\$37.29	\$35.67	\$37.62	\$37.95	\$39.66	\$38.31	\$39.80
Residential load	1,704,071	1,808,829	1,774,683	1,850,438	1,838,386	1,855,179	1,878,047
Note: ASC is lesser of ASC before NLSL adjustment and ASC after NLSL Adjustment							

**Table 11.6.7
PacifiCorp - Idaho 2007 - 2008 ASC Backcast
ASC Forecast Model**

	2002	2003	2004	2005	2006	2007	2008
Inflation Rates					100.00%	102.90%	103.30%
Market forecast					53.03	50.11	62.89
Gas forecast					6.91	6.34	8.58
Coal Escalation.						0.50%	0.50%
TRL Growth (Cumulative)						43,063	86,714
Fuel	\$33,239,388	\$34,367,125	\$31,913,400	\$33,350,624	\$40,462,284	\$39,919,339	\$42,852,388
Coal	29,022,927	28,808,471	27,578,727	29,423,995	31,926,292	32,085,923	32,246,353
NG	4,216,462	5,558,654	4,334,673	3,926,629	8,535,992	7,833,416	10,606,036
Purchased Power	71,314,748	72,013,689	38,885,154	57,416,897	60,927,293	62,170,829	76,729,516
Non Fuel or Purchased Power cost	67,299,332	69,477,479	66,127,223	70,266,721	81,017,884	83,367,402	86,118,526
Off-system Sales							
Sale for Resale credit	59,245,804	61,634,465	19,824,907	37,237,833	47,355,422	53,098,360	65,699,557
Contract System Costs	\$112,607,664	\$114,223,827	\$117,100,869	\$123,796,410	\$135,052,039	\$132,359,210	\$140,000,874
Contract System Load	3,379,956	3,444,232	3,425,539	3,382,426	3,498,159	3,541,222	3,584,873
Average System Cost \$/MWh	\$33.32	\$33.16	\$34.18	\$36.60	\$38.61	\$37.38	\$39.05
NLSL Load	0	0	0	0	0	0	0
Revised Contract System Load	3,379,956	3,444,232	3,425,539	3,382,426	3,498,159	3,541,222	3,584,873
NLSL Resource Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contract System Cost	\$112,607,664	\$114,223,827	\$117,100,869	\$123,796,410	\$135,052,039	\$132,359,210	\$140,000,874
ASC after NLSL Adjustment (\$/MWh)	\$33.32	\$33.16	\$34.18	\$36.60	\$38.61	\$37.38	\$39.05
Average System Cost (\$/MWh) See Note below	\$33.32	\$33.16	\$34.18	\$36.60	\$38.61	\$37.38	\$39.05
Residential load	1,243,846	1,321,149	1,321,149	1,245,664	1,332,893	1,336,202	1,352,673
Note: ASC is lesser of ASC before NLSL adjustment and ASC after NLSL Adjustment							

**Table 11.6.8
Portland General Electric 2007 - 2008 Backcast
ASC Forecast Model**

	2002	2003	2004	2005	2006	2007	2008
Inflation Rate					100.00%	102.90%	103.30%
Electric Market Prices (\$/MWH)					53.03	50.11	62.89
Natural Gas Prices (\$/MMBtu)					6.91	6.34	8.58
Coal Escalation Rate						0.50%	0.50%
Cumulative TRL Growth (MWH)						1,049,619	1,274,085
Fuel Cost	\$132,010,117	\$115,324,110	\$137,101,439	\$103,306,814	\$103,492,267	\$98,713,684	\$118,632,097
Coal Cost	48,138,860	53,321,955	44,803,760	48,919,872	42,832,603	43,046,766	43,262,000
Natural Gas Cost	83,871,257	62,002,155	92,297,679	54,386,942	60,659,664	55,666,918	75,370,097
Purchased Power Cost	980,302,138	958,291,164	791,285,204	1,099,833,920	1,185,489,667	1,142,973,635	1,393,287,701
Non Fuel or Purchase Power Cost	317,051,658	322,967,286	302,070,519	316,148,715	323,670,397	333,056,838	344,047,714
Off-System Sales							
Sale for Resale Credit	393,839,799	484,146,313	404,216,567	653,943,869	650,409,850	620,862,488	777,284,635
Total Production and Transmission Costs	\$1,035,524,114	\$912,436,247	\$826,240,595	\$865,345,580	\$962,242,481	\$953,881,670	\$1,078,682,877
Total Retail Load (including losses)	19,710,478	19,347,147	18,652,345	18,417,049	19,354,153	20,403,772	20,628,239
ASC before NLSL Adjustment (\$/MWh)	\$52.54	\$47.16	\$44.30	\$46.99	\$49.72	\$46.75	\$52.29
New Large Single Load (s)	22,950	22,950	22,950	22,950	22,950	22,950	22,950
Contract System Load	19,687,528	19,324,197	18,629,395	18,394,099	19,331,203	20,380,822	20,605,289
Cost of Serving NLSL (s)	\$1,205,718	\$1,082,351	\$1,016,613	\$1,078,331	\$1,141,019	\$1,072,918	\$1,200,091
Contract System Cost	\$1,034,318,396	\$911,353,895	\$825,223,982	\$864,267,249	\$961,101,461	\$952,808,751	\$1,077,482,785
ASC after NLSL Adjustment (\$/MWh)	\$52.54	\$47.16	\$44.30	\$46.99	\$49.72	\$46.75	\$52.29
Average System Cost (\$/MWh) See Note below	\$52.54	\$47.16	\$44.30	\$46.99	\$49.72	\$46.75	\$52.29
Residential Load	7,501,626	7,537,983	7,716,910	7,766,126	8,049,271	8,286,384	8,377,545

Note: ASC is lesser of ASC before NLSL adjustment and ASC after NLSL Adjustment

Table 11.6.8
Portland General Electric 2007 - 2008 Backcast
ASC Forecast Model

Purchased Power Detail								
Purchased Power In Dollars	FERC Cod	2002	2003	2004	2005	2006	2007	2008
	RQ	966,832	863,789	885,985	920,659	927,165	954,053	985,537
	LF	86,998,908	107,602,889	112,080,452	114,843,522	122,712,106	126,270,757	130,437,692
	IF	23,958,600	23,958,600	38,155,074	55,945,350	72,868,276	74,981,456	77,455,844
	SF	832,940,939	693,226,344	541,535,184	817,004,497	877,059,313	840,638,920	1,055,144,519
	LU	33,369,056	37,376,846	33,387,798	37,404,299	46,067,346	47,403,299	48,967,608
	IU	0	0	0	0	0	-	-
	OS	(1,843,329)	59,434	56,037	1,341,293	1,310,082	103,633	130,076
	EX	0	0	0	0	0	-	-
	AD	(11,328,478)	80,160,445	46,560,811	23,944,248	(10,503,506)	27,629	34,679
Load Growth							52,593,888	80,131,745
REP Reversal		15,239,610	15,042,817	18,623,863	48,430,052	75,048,885		
Total		\$980,302,138	\$958,291,164	\$791,285,204	\$1,099,833,920	\$1,185,489,667	\$1,142,973,635	\$1,393,287,701
Purchased Power in MWhs	FERC Cod	2002	2003	2004	2005	2006	2007	2008
	RQ	11,258	11,091	11,035	11,052	11,059	11,099	11,099
	LF	1,939,603	2,908,443	3,068,354	3,074,655	3,117,635	2,821,738	2,821,738
	IF	660,000	876,000	878,400	1,314,000	1,751,900	1,096,060	1,096,060
	SF	19,438,720	17,490,496	13,521,044	15,344,838	18,088,277	16,776,675	16,776,675
	LU	2,929,353	2,628,705	2,677,739	2,845,824	3,207,820	2,857,888	2,857,888
	IU	0	0	0	0	0	0	0
	OS	(43,684)	935	1,814	13,824	37,452	2,068	2,068
	EX	0	0	0	0	0	0	0
	AD	0	(7,628)	0	0	10,385	551	551
Load Growth							1,049,619	1,274,085
Total		\$24,935,250	\$23,908,042	\$20,158,386	\$22,604,193	\$26,224,528	\$24,615,699	\$24,840,165

**Table 11.6.8
Portland General Electric 2007 - 2008 Backcast
ASC Forecast Model**

Sales for Resale Detail								
Sales for Resale in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	100,543	501,816	125,438	559,151	556,768	572,914	591,820
	LF	6,219,926	8,960,740	8,954,327	11,000,335	8,108,077	8,343,211	8,618,537
	IF	0	0	0	0	0	-	-
	SF	387,362,844	474,330,447	395,122,203	642,327,178	640,231,119	611,525,537	767,568,338
	LU	156,486	111,297	14,599	57,205	97,402	100,227	103,534
	IU	0	0	0	0	0	-	-
	OS	0	0	0	0	1,416,484	320,598	402,405
	EX	0	242,013	0	0	0	-	-
	AD							
Total		\$393,839,799	\$484,146,313	\$404,216,567	\$653,943,869	\$650,409,850	\$620,862,488	\$777,284,635
Sales for Resale in MWhs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	61,942	10,211	3,629	0	0	15,156	15,156
	LF	73,336	112,825	96,582	111,485	70,074	92,860	92,860
	IF	0	0	0	0	0	-	-
	SF	14,583,402	12,120,575	9,227,749	11,493,498	13,596,012	12,204,247	12,204,247
	LU	12,005	12,000	12,923	11,999	11,999	12,185	12,185
	IU	0	0	0	0	0	-	-
	OS	0	0	0	0	31,991	6,398	6,398
	EX	0	0	0	0	0	-	-
	AD	0	0	0	0	0	-	-
Total		\$14,730,685	\$12,255,611	\$9,340,883	\$11,616,982	\$13,710,076	\$12,330,847	\$12,330,847

**Table 11.6.9
Puget Sound Energy 2007 - 2008 Backcast
ASC Forecast Model**

	2002	2003	2004	2005	2006	2007	2008
Inflation Rate					100.00%	102.90%	103.30%
Electric Market Prices (\$/MWH)					53.03	50.11	62.89
Natural Gas Prices (\$/MMBtu)					6.91	6.34	8.58
Coal Escalation Rate						0.50%	0.50%
Cumulative TRL Growth (MWH)						137,120	416,940
Fuel Cost	\$113,537,612	\$64,998,723	\$80,772,003	\$73,318,423	\$97,320,021	\$93,676,814	\$109,292,516
Coal Cost	31,644,944	35,731,234	45,322,991	43,454,840	50,018,163	50,268,254	50,519,595
Natural Gas Cost	81,892,668	29,267,489	35,449,012	29,863,583	47,301,858	43,408,560	58,772,921
Purchased Power Cost	660,279,553	780,358,382	725,891,097	897,601,848	961,922,701	866,397,945	1,008,677,555
Non Fuel or Purchase Power Cost	286,206,240	280,711,538	279,143,298	285,429,868	368,259,003	378,938,514	391,443,485
Off-System Sales							
Sale for Resale Credit	88,682,767	191,876,710	115,356,097	177,304,684	202,397,803	190,067,146	238,483,762
Total Production and Transmission Costs	\$971,340,638	\$934,191,933	\$970,450,301	\$1,079,045,455	\$1,225,103,922	\$1,148,946,127	\$1,270,929,794
Total Retail Load (including losses)	20,216,515	20,571,219	20,870,630	21,488,835	22,146,110	22,283,230	22,563,050
ASC before NLSL Adjustment (\$/MWH)	\$48.05	\$45.41	\$46.50	\$50.21	\$55.32	\$51.56	\$56.33
New Large Single Load (s)	0	0	0	0	0	0	0
Contract System Load	20,216,515	20,571,219	20,870,630	21,488,835	22,146,110	22,283,230	22,563,050
Cost of Serving NLSL (s)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contract System Cost	\$971,340,638	\$934,191,933	\$970,450,301	\$1,079,045,455	\$1,225,103,922	\$1,148,946,127	\$1,270,929,794
ASC after NLSL Adjustment (\$/MWh)	\$48.05	\$45.41	\$46.50	\$50.21	\$55.32	\$51.56	\$56.33
Average System Cost (\$/MWh) See Note below	\$48.05	\$45.41	\$46.50	\$50.21	\$55.32	\$51.56	\$56.33
Residential Load	10,861,957	10,860,375	11,066,787	11,382,320	11,674,554	11,746,838	11,894,349

Note: ASC is lesser of ASC before NLSL adjustment and ASC after NLSL Adjustment

**Table 11.6.9
Puget Sound Energy 2007 - 2008 Backcast
ASC Forecast Model**

Purchased Power Detail								
Purchased Power in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	0	0	0	0	0	-	-
	LF	197,440,989	184,023,681	129,617,338	131,823,961	139,481,412	143,526,373	148,262,743
	IF	0	0	0	0	0	-	-
	SF	0	0	0	0	0	-	-
	LU	268,894,595	295,193,979	275,106,310	287,905,907	282,182,918	290,366,223	299,948,308
	IU	0	0	0	0	0	-	-
	OS	198,383,757	306,901,198	325,114,965	481,705,708	544,755,760	425,754,667	534,394,366
	EX	(4,439,788)	(3,554,576)	(3,947,362)	(3,833,728)	(4,497,388)	(120,078)	(150,718)
	NA	0	0	0	0	0	-	-
	AD	0	0	-154	0	0	-	-
Load Growth							6,870,761	26,222,855
Total		\$660,279,553	\$782,564,282	\$725,891,097	\$897,601,848	\$961,922,702	\$866,397,945	\$1,008,677,555
Purchased Power in MWs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	0	0	0	0	0	0	0
	LF	8,562,550	7,359,563	6,491,558	6,761,467	6,935,897	7,222,207	7,222,207
	IF	0	0	0	0	0	0	0
	SF	0	0	0	0	0	0	0
	LU	3,516,179	3,654,908	2,922,988	2,838,413	2,689,484	3,124,394	3,124,394
	IU	0	0	0	0	0	0	0
	OS	7,542,830	8,144,657	7,570,641	8,588,284	10,637,629	8,496,808	8,496,808
	EX	0	(11,982)	0	0	0	(2,396)	(2,396)
	NA	0	0	0	0	0	0	0
	AD	0	0	0	0	0	0	0
Load Growth							137,120	416,940
Total		\$19,621,559	\$19,147,146	\$16,985,187	\$18,188,164	\$20,263,010	\$18,978,133	\$19,257,954

**Table 11.6.9
Puget Sound Energy 2007 - 2008 Backcast
ASC Forecast Model**

Sales for Resale Detail								
Sales for Resale in Dollars	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	\$394,578	\$368,758	\$355,436	\$352,705	\$362,031	\$372,530	\$384,823
	LF	0	0	0	0	0	0	0
	IF	0	0	0	0	0	0	0
	SF	0	0	0	0	0	0	0
	LU	0	0	0	0	0	0	0
	IU	0	0	0	0	0	0	0
	OS	88,288,189	191,507,952	115,000,661	176,951,979	202,035,772	189,694,616	238,098,939
	EX	0	0	0	0	0	0	0
	NA	0	0	0	0	0	0	0
	AD	0	0	0	0	0	0	0
Total		\$88,682,767	\$191,876,710	\$115,356,097	\$177,304,684	\$202,397,803	\$190,067,146	\$238,483,762
Sales for Resale in MWs	FERC Code	2002	2003	2004	2005	2006	2007	2008
	RQ	8,377	7,718	7,403	7,281	7,512	7,658	7,658
	LF	0	0	0	0	0	0	0
	IF	0	0	0	0	0	0	0
	SF	0	0	0	0	0	0	0
	LU	0	0	0	0	0	0	0
	IU	0	0	0	0	0	0	0
	OS	3,466,571	5,108,364	2,714,379	3,150,286	4,489,127	3,785,745	3,785,745
	EX	0	0	0	0	0	0	0
	NA	0	0	0	0	0	0	0
	AD	0	0	0	0	0	0	0
Total		3,474,948	5,116,082	2,721,782	3,157,567	4,496,639	3,793,404	3,793,404

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Section 12. Introduction – No Documentation

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Section 13. REP Settlement Benefits FY 2002 – 2008

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**Table 13.1.1
Summary of IOU Settlement Agreements - Benefits Received**

	<u>CY2002</u>	<u>CY2003</u>	<u>CY2004</u>	<u>CY2005</u>	<u>CY2006</u>	<u>CY2007</u>	<u>TOTALS</u>
Summary Yearly Totals - Accrual Basis:							
Avista Corporation	\$ 11,807,040	\$ 8,976,127	\$ 11,902,605	\$ 11,815,557	\$ 11,921,606	\$ 10,582,146	\$ 67,005,081
Idaho Power Company	\$ 14,567,153	\$ 12,041,175	\$ 15,927,311	\$ 15,800,320	\$ 15,949,224	\$ 15,893,176	\$ 90,178,359
NorthWestern Energy	\$ 3,105,134	\$ 2,375,766	\$ 3,161,067	\$ 3,135,313	\$ 3,168,350	\$ 1,995,340	\$ 16,940,970
PacifiCorp	\$ 117,063,660	\$ 109,401,916	\$ 121,317,588	\$ 120,986,136	\$ 120,981,241	\$ 46,285,272	\$ 636,035,813
Portland General Electric	\$ 28,357,607	\$ 46,830,176	\$ 69,607,884	\$ 89,130,516	\$ 99,594,483	\$ 39,466,674	\$ 372,987,340
Puget Sound Energy	\$ 172,779,432	\$ 150,916,224	\$ 179,102,952	\$ 178,613,592	\$ 178,613,592	\$ 54,154,788	\$ 914,180,580
TOTALS	\$ 347,680,026	\$ 330,541,384	\$ 401,019,407	\$ 419,481,434	\$ 430,228,496	\$ 168,377,396	\$ 2,097,328,143

The following notes are an integral part of this statement:

Note 1 - Total Settlement Agreement benefits/credits that were distributed to Portland General Electric Company's residential and small farm customers included the positive and negative differences between the cost of the RL-02 Energy purchases and the market value of this power that was forecasted by PGE in the year prior to the distribution of Settlement Agreement benefits/credits. The value of the power benefit for FY 2002-06 per PGE's annual accounting for settlement agreement payments/benefits received and distributed statements that were submitted to BPA totaled \$187,131,671. PGE's annual accounting was certified by an the Chief Financial Officer of PGE. For the WP-07 Supplemental Final Record of Decision, the benefits of this power purchase were calculated by the difference in the purchase price of the RL power (amount PGE paid BPA) and the monthly average Mid-C prices based on the daily quotations published in the Wall Street Journal. This determination of the value of PGE's RL power purchase resulted in a benefit of \$139,613,789 for the five-year period. BPA's average annual purchase price for PGE's RL power purchases totaled \$416,342,153 for FY2002-2006. The RL power purchase benefit if measured by the difference in BPA's cost for RL power purchases and what PGE paid for the power would have totaled \$109,908,724 for the five-year period.

Note 2 - Payments under the Residential Exchange Program Settlement Agreement ("Settlement Agreement") as amended, were suspended due to the United States Court of Appeals for the Ninth Circuit's decision in Portland General Electric Co. v. Bonneville Power Administration (BPA) issued May 3, 2007. BPA stopped making Settlement Agreement payments to Investor Owned Utilities with the March 2007 Power Bill which was paid on April 30, 2007.

Note 3 - Avista and NorthWestern Energy report on their Settlement Agreement benefits using the cash basis of accounting. The other investor owned utilities account for their Settlement Agreement activity on the accrual basis of accounting. The amounts of IOU Settlement Agreement benefits are presented on the accrual basis of accounting that conforms to BPA's fiscal year end of September 30th. All investor owned utilities have completed reviews of the above information that pertains to their company through the accounting for Settlement Agreement payments/benefits received and distributed annual statements that they submitted to BPA. The annual accounting statements were certified by an officer/official of the utility.

Note 4 - The above amount of benefits includes monetary benefit payments, load reduction payments, and the value of RL power purchases. These three types of benefits were subject to the following Cost Recovery Adjustment Clauses; Load Based, Financial Based, and Safety Net Adjustment Clauses. Settlement Agreement payments for Conservation and Renewable Discounts (C&RD FYs 2002-2006) and Conservation Rate Credits (CRC FYs 2007-2009) are also included in the above totals.

Table 13.1.2

Summary of Avista Corporation REP Settlement and C&RD Settlement Benefits

	<u>CY2002</u>	<u>CY2003</u>	<u>CY2004</u>	<u>CY2005</u>	<u>CY2006</u>	<u>CY2007</u>	<u>TOTALS</u>
Avista Corporation							
Monetary Benefit Payments	\$ 6,151,230	\$ 6,863,123	\$ 6,734,779	\$ 6,709,074	\$ 6,433,574	\$ 10,860,205	\$ 43,751,985
Load Reduction Payments	\$ 4,187,590	\$ 4,994,560	\$ 5,671,889	\$ 5,707,781	\$ 5,475,847	\$ 245,829	\$ 26,283,496
Deferred Settlement Payments	0	(1,709,701)	(244,243)	0	0	0	(1,953,944)
Payment of Deferred Amounts	0	0	1,413,893	159,170	0	0	1,573,063
LB CRAC Adjustments	118,683	(2,412)	(9,237)	(59,208)	(138,846)	41,328	(49,692)
FB CRAC Adjustments	0	(818,117)	(1,009,280)	(925,895)	(290,205)	(8,225)	(3,051,722)
SN CRAC Adjustments	0	0	(1,413,893)	(159,170)	(212,051)	(61,681)	(1,846,795)
See Note 3							
TOTALS	\$ 10,457,503	\$ 9,327,453	\$ 11,143,908	\$ 11,431,752	\$ 11,268,319	\$ 11,077,456	\$ 64,706,391
C&RD Payments	361,350	394,200	395,190	394,290	361,350		1,906,380
CRC Payments						392,310	392,310
Total Benefits Received - Cash Basis	10,818,853	9,721,653	11,539,098	11,826,042	11,629,669	11,469,766	67,005,081
Adjustment to Arrive at Accrual Basis	988,187	(745,526)	363,507	(10,485)	291,937	(887,620)	0
Total Benefits Received - Accrual Basis	\$ 11,807,040	\$ 8,976,127	\$ 11,902,605	\$ 11,815,557	\$ 11,921,606	\$ 10,582,146	\$ 67,005,081

Table 13.1.3

Summary of Idaho Power Company REP Settlement and C&RD Settlement Benefits

	<u>CY2002</u>	<u>CY2003</u>	<u>CY2004</u>	<u>CY2005</u>	<u>CY2006</u>	<u>CY2007</u>	<u>TOTALS</u>
Idaho Power Company							
Monetary Benefit Payments	\$ 9,104,506	\$ 9,113,579	\$ 9,140,053	\$ 9,105,173	\$ 9,103,787	\$ 15,295,662	\$ 60,862,760
Load Reduction Payments	4,770,871	6,239,393	7,596,268	7,478,736	7,178,013	0	\$ 33,263,281
Deferred Settlement Payments	0	\$ (2,605,260)	0	0	0	0	\$ (2,605,260)
Payment of Deferred Amounts	0	0	2,097,416	0	0	0	\$ 2,097,416
LB CRAC Adjustments	199,778	(36,528)	5,060	(90,668)	(225,202)	106,504	\$ (41,056)
FB CRAC Adjustments	0	(1,195,609)	(1,341,110)	(1,218,521)	(267,998)	0	\$ (4,023,238)
SN CRAC Adjustments	0	0	(2,097,416)	0	(364,976)	0	\$ (2,462,392)
Power Purchase Adjustment	(33,602)						\$ (33,602)
See Note 3							
TOTALS	\$ 14,041,553	\$ 11,515,575	\$ 15,400,271	\$ 15,274,720	\$ 15,423,624	\$ 15,402,166	\$ 87,057,909
C&RD Payments	525,600	525,600	527,040	525,600	525,600		2,629,440
CRC Payments						491,010	491,010
Total Benefits Received - Accrual Basis	\$ 14,567,153	\$ 12,041,175	\$ 15,927,311	\$ 15,800,320	\$ 15,949,224	\$ 15,893,176	\$ 90,178,359

Table 13.1.4

Summary of Northwestern Energy REP Settlement and C&RD Settlement Benefits

		<u>CY2002</u>	<u>CY2003</u>	<u>CY2004</u>	<u>CY2005</u>	<u>CY2006</u>	<u>CY2007</u>	<u>TOTALS</u>
NorthWestern Energy								
Monetary Benefit Payments		\$ 1,648,529	\$ 1,759,481	\$ 1,763,871	\$ 1,757,140	\$ 1,756,873	\$ 2,019,703	\$ 10,705,597
Load Reduction Payments		1,153,946	1,299,092	1,535,757	1,545,854	1,487,419	62,201	\$ 7,084,269
Deferred Settlement Payments		0	(455,924)	(65,132)	0	0	0	\$ (521,056)
Payment of Deferred Amounts		0	0	377,037	42,445	0	0	\$ 419,482
LB CRAC Adjustments		34,077	(1,011)	(2,514)	(16,047)	(43,026)	16,605	\$ (11,916)
FB CRAC Adjustments		0	(221,694)	(273,735)	(253,938)	(79,838)	(987)	\$ (830,192)
SN CRAC Adjustments		0	0	(377,037)	(42,445)	(65,633)	(7,361)	\$ (492,476)
See Note 3	TOTALS	\$ 2,836,552	\$ 2,379,944	\$ 2,958,247	\$ 3,033,009	\$ 3,055,795	\$ 2,090,161	\$ 16,353,708
C&RD Payments		96,360	105,120	105,384	105,144	105,120		\$ 517,128
CRC Payments							70,134	\$ 70,134
Total Benefits Received - Cash Basis		\$ 2,932,912	\$ 2,485,064	\$ 3,063,631	\$ 3,138,153	\$ 3,160,915	\$ 2,160,295	\$ 16,940,970
Adjustment to Arrive at Accrual Basis		172,222	(109,298)	97,436	(2,840)	7,435	(164,955)	\$ -
Total Benefits Received - Accrual Basis		\$ 3,105,134	\$ 2,375,766	\$ 3,161,067	\$ 3,135,313	\$ 3,168,350	\$ 1,995,340	\$ 16,940,970

Table 13.1.5**Summary of PacifiCorp REP Settlement and C&RD Settlement Benefits**

	<u>CY2002</u>	<u>CY2003</u>	<u>CY2004</u>	<u>CY2005</u>	<u>CY2006</u>	<u>CY2007</u>	<u>TOTALS</u>
<u>PacifiCorp</u>							
Monetary Benefit Payments	\$ 35,772,840	\$ 35,772,840	\$35,870,844	\$ 35,772,840	\$35,771,359	\$40,068,846	\$ 219,029,569
Ld. Reduction Pymts. @ Higher Rate	74,836,272	83,138,736	83,366,520	83,138,748	83,135,334	0	\$ 407,615,610
Ld. Reduction Pymts. @ Lower Rate Attributable to Settlement	4,380,000						\$ 4,380,000
Deferred Settlement Payments	0	(11,584,208)	0	0	0	0	\$ (11,584,208)
Payment of Deferred Amounts	0	0	8,278,476	0	1,440,504	260,436	\$ 9,979,416
Reduction of Risk Premium Pymts.	0	0	0	0	0	\$4,669,734	\$ 4,669,734
SN CRAC Adjustments	0	0	(8,278,476)	0	(1,440,504)	0	\$ (9,718,980)
See Note 3 TOTALS	\$ 114,989,112	\$ 107,327,368	\$119,237,364	\$ 118,911,588	\$118,906,693	\$44,999,016	\$ 624,371,141
C&RD Payments	2,074,548	2,074,548	2,080,224	2,074,548	2,074,548		10,378,416
CRC Payments						1,286,256	1,286,256
Total Benefits Received - Accrual Basis	\$ 117,063,660	\$ 109,401,916	\$ 121,317,588	\$ 120,986,136	\$ 120,981,241	\$ 46,285,272	\$ 636,035,813

Table 13.1.6

Summary of Portland General Electric REP Settlement and C&RD Settlement Benefits

	<u>CY2002</u>	<u>CY2003</u>	<u>CY2004</u>	<u>CY2005</u>	<u>CY2006</u>	<u>CY2007</u>	<u>TOTALS</u>
Portland General Electric							
Monetary Benefit Payments	\$ 37,069,512	\$ 37,069,512	\$ 37,171,080	\$ 37,069,512	\$ 36,363,900	\$ 38,239,152	\$ 222,982,668
Load Reduction Payments	4,555,200	0	0	0	0	0	\$ 4,555,200
Deferred Settlement Payments	0	(10,638,160)	0	0	0	0	\$ (10,638,160)
Payment of Deferred Amounts	0	0	8,564,433	0	0	0	\$ 8,564,433
SN CRAC Monetary Ben. Adjustments	0	0	(4,054,992)	0	0	0	\$ (4,054,992)
RL Power Purchase Benefits - Note 1	(15,413,305)	18,252,624	25,775,283	49,914,804	61,084,383	0	\$ 139,613,789
See Note 3							
TOTALS	\$ 26,211,407	\$ 44,683,976	\$ 67,455,804	\$ 86,984,316	\$ 97,448,283	\$ 38,239,152	\$ 361,022,938
C&RD Payments	2,146,200	2,146,200	2,152,080	2,146,200	2,146,200		\$ 10,736,880
CRC Payments						1,227,522	\$ 1,227,522
Total Benefits Received - Accrual Basis	\$ 28,357,607	\$ 46,830,176	\$ 69,607,884	\$ 89,130,516	\$ 99,594,483	\$ 39,466,674	\$ 372,987,340

Table 13.1.7

Summary of Puget Sound Energy REP Settlement and C&RD Settlement Benefits

	<u>CY2002</u>	<u>CY2003</u>	<u>CY2004</u>	<u>CY2005</u>	<u>CY2006</u>	<u>CY2007</u>	<u>TOTALS</u>
Puget Sound Energy							
Monetary Benefit Payments	\$ 53,047,752	\$ 53,047,752	\$ 53,193,096	\$ 53,047,752	\$ 53,047,752	\$ 44,248,164	\$ 309,632,268
Ld. Reduction Pymts. @ Higher Rate	\$ 110,183,280	122,499,840	122,835,456	122,499,840	122,499,840	0	600,518,256
Ld. Reduction Pymts. @ Lower Rate							
Attributable to Settlement	\$ 6,482,400						6,482,400
Deferred Settlement Payments	\$ -	\$ (27,697,368)	\$ -	\$ -	\$ -	\$ -	(27,697,368)
Payment of Deferred Amounts	\$ -	\$ -	\$ 12,234,876	\$ -	\$ 2,129,028	\$ 1,644,156	16,008,060
Reduction of Risk Premium Pymts.		0	0	0	0	6,842,052	6,842,052
SN CRAC Adjustments		0	(12,234,876)	0	(2,129,028)	0	(14,363,904)
See Note 3							
TOTALS	\$ 169,713,432	\$ 147,850,224	\$ 176,028,552	\$ 175,547,592	\$ 175,547,592	\$ 52,734,372	\$ 897,421,764
C&RD Payments	3,066,000	3,066,000	3,074,400	3,066,000	3,066,000		15,338,400
CRC Payments						1,420,416	1,420,416
Total Benefits Received - Accrual Basis	\$ 172,779,432	\$ 150,916,224	\$ 179,102,952	\$ 178,613,592	\$ 178,613,592	\$ 54,154,788	\$ 914,180,580

Table 13.2.1

Summary of IOU Settlement Agreements - PROJECTED Benefits That Would Have Been Paid

(April-September 2007)

	<u>FY2007</u>	<u>FY2008</u>	<u>TOTALS</u>
Avista Corporation	\$ 10,561,482	\$ 21,005,309	\$ 31,566,791
Idaho Power	\$ 15,866,068	\$ 31,578,449	\$ 47,444,517
NorthWestern Energy	\$ 1,989,738	\$ 3,947,302	\$ 5,937,040
PacifiCorp	\$ 46,285,272	\$ 92,583,926	\$ 138,869,198
Portland General Electric	\$ 39,791,854	\$ 78,946,116	\$ 118,737,970
Puget Sound Energy	\$ 54,154,788	\$ 108,324,346	\$ 162,479,134
TOTALS	\$ 168,649,202	\$ 336,385,447	\$ 505,034,649

Note 1 - The above amount of benefits includes monetary benefit payments, LB CRAC Credits, payment of Deferred Settlement Payments, payment of Reduction of Risk Discount Obligations, and CRC payments.

Table 13.2.2

**Projection of Avista Corporation REP Settlement and
CRC Settlement Benefits That Would Have Been Paid**

(April-September 2007)

	<u>FY2007</u>	<u>FY2008</u>	<u>TOTALS</u>
<u>Avista Corporation</u>			
Monetary Benefit Payments	\$ 10,174,344	\$ 20,352,089	\$ 30,526,433
LB CRAC Adjustments	\$ 60,528	\$ -	\$ 60,528
TOTALS	\$ 10,234,872	\$ 20,352,089	\$ 30,586,961
CRC Payments	\$ 326,610	\$ 653,220	\$ 979,830
Total Projected Benefits - Accrual Basis	\$ 10,561,482	\$ 21,005,309	\$ 31,566,791

Table 13.2.3

**Projection of Idaho Power Company REP Settlement and
CRC Settlement Benefits That Would Have Been Paid**

(April-September 2007)

	<u>FY2007</u>	<u>FY2008</u>	<u>TOTALS</u>
<u>Idaho Power Company</u>			
Monetary Benefit Payments	\$ 15,295,662	\$ 30,596,429	\$ 45,892,091
LB CRAC Adjustments	\$ 79,396	\$ -	\$ 79,396
TOTALS	\$ 15,375,058	\$ 30,596,429	\$ 45,971,487
CRC Payments	\$ 491,010	\$ 982,020	\$ 1,473,030
Total Projected Benefits - Accrual Basis	\$ 15,866,068	\$ 31,578,449	\$ 47,444,517

Table 13.2.4

**Projection of Northwestern Energy REP Settlement and
CRC Settlement Benefits That Would Have Been Paid**

(April-September 2007)

	<u>FY2007</u>	<u>FY2008</u>	<u>TOTALS</u>
<u>NorthWestern Energy</u>			
Monetary Benefit Payments	\$ 1,911,960	\$ 3,824,554	\$ 5,736,514
LB CRAC Adjustments	\$ 16,404	\$ -	\$ 16,404
TOTALS	\$ 1,928,364	\$ 3,824,554	\$ 5,752,918
CRC Payments	\$ 61,374	\$ 122,748	\$ 184,122
Total Projected Benefits - Accrual Basis	\$ 1,989,738	\$ 3,947,302	\$ 5,937,040

Table 13.2.5
Projection of PacifiCorp REP Settlement and
CRC Settlement Benefits That Would Have Been Paid

(April-September 2007)

	<u>FY2007</u>	<u>FY2008</u>	<u>TOTALS</u>
<u>PacifiCorp</u>			
Monetary Benefit Payments	\$ 40,068,846	\$ 80,151,074	\$ 120,219,920
Payment of Deferred Amounts	\$ 260,436	\$ 520,872	\$ 781,308
Reduction of Risk Premium Payments	\$ 4,669,734	\$ 9,339,468	\$ 14,009,202
TOTALS	\$ 44,999,016	\$ 90,011,414	\$ 135,010,430
 CRC Payments	 \$ 1,286,256	 \$ 2,572,512	 \$ 3,858,768
 Total Projected Benefits - Accrual Basis	 \$ 46,285,272	 \$ 92,583,926	 \$ 138,869,198

Table 13.2.6

**Projection of Portland General Electric REP Settlement and
CRC Settlement Benefits That Would Have Been Paid**

(April-September 2007)

	<u>FY2007</u>	<u>FY2008</u>	<u>TOTALS</u>
<u>Portland General Electric</u>			
Monetary Benefit Payments	\$ 38,239,152	\$ 76,491,072	\$ 114,730,224
LB CRAC Adjustments	\$ 325,180	\$ -	\$ 325,180
TOTALS	\$ 38,564,332	\$ 76,491,072	\$ 115,055,404
CRC Payments	\$ 1,227,522	\$ 2,455,044	\$ 3,682,566
Total Projected Benefits - Accrual Basis	\$ 39,791,854	\$ 78,946,116	\$ 118,737,970

Table 13.2.7

**Projection of Puget Sound Energy REP Settlement and
CRC Settlement Benefits That Would Have Been Paid**

(April-September 2007)

	<u>FY2007</u>	<u>FY2008</u>	<u>TOTALS</u>
<u>Puget Sound Energy</u>			
Monetary Benefit Payments	\$ 44,248,164	\$ 88,511,098	\$ 132,759,262
Payment of Deferred Amounts	\$ 1,644,156	\$ 3,288,312	\$ 4,932,468
Reduction of Risk Premium Payments	\$ 6,842,052	\$ 13,684,104	\$ 20,526,156
TOTALS	\$ 52,734,372	\$ 105,483,514	\$ 158,217,886
 CRC Payments	 \$ 1,420,416	 \$ 2,840,832	 \$ 4,261,248
 Total Projected Benefits - Accrual Basis	 \$ 54,154,788	 \$ 108,324,346	 \$ 162,479,134

Section 14. REP Benefits FY 2002-2008 – No Documentation

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Section 15. Lookback Amounts, Recovery and Disposition

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Table 15.1
Avista Deemer Calculations

	2002	2003	2004	2005	2006	2007A	2007B	2008	2009
Settlement Payments	11.807	8.976	11.903	11.816	11.922	10.582	0.000	0.000	0.000
REP Benefits Due	3.290	0.187	18.062	4.617	6.472	9.288	9.288	33.516	22.091
Benefits RD Applied to Deemer Balance	3.290	0.187	18.062	4.617	6.472	9.288	9.288	33.516	16.531
Actual Benefits Due	0.000	(0.000)	0.000	0.000	0.000	0.000	0.000	0.000	5.560
Interest Rate Applied	5.49%	4.47%	4.02%	5.01%	7.01%	8.21%	8.21%	8.25%	2.58%
Benefits Due	3.290	0.187	18.062	4.617	6.472	9.288	9.288	33.516	22.091
Benefits Applied to Interest	3.290	0.187	18.062	4.617	6.472	9.288	9.288	8.509	2.213
Interest after Benefits applied	42.969	44.942	28.636	25.600	21.099	14.569	6.895	0.000	0.000
Benefits applied to Principal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.007	14.318
Deemer Balance Principal	Input 39.324	39.324	39.324	39.324	39.324	39.324	39.324	14.318	0.000
New Interest Balance aft Benefits Applied	42.969	44.942	28.636	25.600	21.099	14.569	6.895	0.000	0.000
Balance before Int Computation	82.293	84.266	67.961	64.924	60.424	53.893	46.219	14.318	0.000
Interest Accrued	2.160	1.757	1.580	1.971	2.758	1.614	1.614	2.213	0.000
Deemer Balance Interest	46.259	45.129	46.699	30.216	27.571	23.857	16.183	8.509	2.213
Total Deemer Balance	85.583	84.453	86.023	69.541	66.895	63.181	55.507	47.833	16.531
Applied to Deemer Balance	3.290	0.187	18.062	4.617	6.472	9.288	9.288	33.516	16.531

**Table 15.2
NorthWestern Deemer Calculations**

	2002	2003	2004	2005	2006	2007A	2007B	2008	2009
Settlement Payments	3.105	2.376	3.161	3.135	3.168	1.995	0.000	0.000	0.000
REP Benefits Due	3.031	2.110	8.539	5.433	12.403	6.140	6.140	14.099	6.888
Benefits RD Applied to Deemer Balance	3.031	2.110	8.539	5.433	1.823	0.000	0.000	0.000	0.000
Actual Benefits Due	0.000	0.000	0.000	0.000	10.581	6.140	6.140	14.099	6.888
Interest Rate Applied	5.49%	4.47%	4.02%	5.01%	7.01%	8.21%	8.21%	8.25%	2.58%
Benefits rightly due	3.031	2.110	8.539	5.433	12.403	6.140	6.140	14.099	6.888
Benefits Applied to Interest	3.031	2.110	6.303	0.315	0.209	0.000	0.000	0.000	0.000
Interest after Benefits applied	7.519	5.902	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benefits applied to Principal	0.000	0.000	2.237	5.118	1.613	0.000	0.000	0.000	0.000
Deemer Balance Principal	8.968	8.968	6.731	1.613	0.000	0.000	0.000	0.000	0.000
New Interest Balance aft Benefits Applied	7.519	5.902	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Balance before Int Computation	16.487	14.870	6.731	1.613	0.000	0.000	0.000	0.000	0.000
Interest Accrued	0.493	0.401	0.315	0.209	0.000	0.000	0.000	0.000	0.000
Deemer Balance Interest	10.550	8.011	6.303	0.315	0.209	0.000	0.000	0.000	0.000
Total Deemer Balance	19.518	16.980	15.271	7.047	1.823	0.000	0.000	0.000	0.000
Applied to Deemer Balance	3.031	2.110	8.539	5.433	1.823	0.000	0.000	0.000	0.000

**Table 15.3
Lookback Amortization**

	A	B	C	D	E
	FY 09 Unadjusted REP Benefits	Amortization Year	Average % Benefits Received	Benefits Received 2009	Average REP Benefits 2010 - Various
AVISTA	\$22.091 M	2018 Avg % Benefits	53.78%	\$2.989 M 53.76%	\$11.881 M 53.78%
NORTHWESTERN	\$6.888 M	2009 Avg % Benefits	100.00%	\$6.888 M 100.00%	\$6.888 M 100.00%
PACIFIC	\$55.515 M	2020 Avg % Benefits	52.74%	\$29.264 M 52.71%	\$29.280 M 52.74%
PGE	\$66.527 M	2015 Avg % Benefits	74.73%	\$49.716 M 74.73%	\$49.716 M 74.73%
PUGET	\$114.671 M	2015 Avg % Benefits	78.11%	\$89.536 M 78.08%	\$89.580 M 78.12%
Totals & Averages	\$265.691 M	2016	77.85%	\$178.392 M	

In \$millions	2008	2009	2010	2011	2012
Total REP Benefits Received	\$180.000	\$178.392	\$187.280	\$187.280	\$187.280
	2013	2014	2015	2016	2017
Total REP Benefits Received	\$187.280	\$187.280	\$187.540	\$229.223	\$229.225
	2018	2019	2020	2021	2022
Total REP Benefits Received	\$229.266	\$239.440	\$239.616	\$265.691	\$265.691

Table 15.4
Non-Slice PF-02 Revenue and Revenue Shares

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2002-2006 Total	Non-Slice PF-02 Revenue Share
ALDER MUTUAL LIGHT COMPANY	\$ 101,290	\$ 102,886	\$ 109,256	\$ 100,149	\$ 108,804	\$ 522,385	0.0107%
ASHLAND	\$ 4,903,004	\$ 5,336,033	\$ 5,381,034	\$ 5,550,978	\$ 5,395,777	\$ 26,566,826	0.5462%
BANDON	\$ 1,769,648	\$ 1,770,965	\$ 1,818,617	\$ 1,875,141	\$ 1,899,381	\$ 9,133,752	0.1878%
BENTON COUNTY PUD NO 1	\$ 13,618,613	\$ 13,245,038	\$ 12,689,267	\$ 13,231,233	\$ 12,942,860	\$ 65,727,011	1.3514%
BENTON RURAL ELECTRIC ASSOCIATION	\$ 9,312,407	\$ 12,714,638	\$ 13,089,232	\$ 12,565,811	\$ 12,531,549	\$ 60,213,637	1.2380%
BIG BEND ELECTRIC COOPERATIVE INC	\$ 5,593,957	\$ 5,766,174	\$ 6,266,393	\$ 6,422,936	\$ 5,904,879	\$ 29,954,339	0.6159%
BLAINE	\$ 1,940,867	\$ 1,977,455	\$ 2,063,679	\$ 1,967,482	\$ 2,001,435	\$ 9,950,918	0.2046%
BONNERS FERRY	\$ 1,632,769	\$ 1,718,796	\$ 1,545,939	\$ 1,260,201	\$ 1,334,768	\$ 7,492,473	0.1541%
BURLEY IDAHO	\$ 3,508,857	\$ 3,580,201	\$ 3,411,309	\$ 3,386,628	\$ 3,445,960	\$ 17,332,955	0.3564%
CANBY UTILITY	\$ 4,694,688	\$ 4,955,581	\$ 5,018,073	\$ 4,685,053	\$ 4,788,319	\$ 24,141,714	0.4964%
CASCADE LOCKS	\$ 570,612	\$ 584,928	\$ 619,681	\$ 572,955	\$ 597,037	\$ 2,945,213	0.0606%
CENTRAL LINCOLN PUD	\$ 14,920,250	\$ 16,190,421	\$ 16,713,259	\$ 15,912,889	\$ 15,780,299	\$ 79,517,118	1.6349%
CENTRALIA CITY LIGHT	\$ 4,880,469	\$ 5,841,124	\$ 5,390,341	\$ 5,275,527	\$ 5,613,822	\$ 27,001,283	0.5552%
CHENEY	\$ 3,460,272	\$ 3,622,350	\$ 3,736,677	\$ 3,460,040	\$ 3,580,588	\$ 17,859,927	0.3672%
CLALLAM COUNTY PUD NO 1	\$ 16,337,149	\$ 16,427,004	\$ 17,288,184	\$ 17,452,627	\$ 18,062,985	\$ 85,567,949	1.7593%
CLARK PUBLIC UTILITIES	\$ 78,544,906	\$ 80,974,068	\$ 80,811,671	\$ 75,168,385	\$ 74,237,220	\$ 389,736,250	8.0133%
CLATSKANIE PUD	\$ 8,182,936	\$ 7,933,567	\$ 8,454,153	\$ 7,874,647	\$ 7,703,817	\$ 40,149,120	0.8255%
COLUMBIA RIVER PUD	\$ 8,087,304	\$ 8,571,515	\$ 8,850,633	\$ 8,799,972	\$ 9,344,653	\$ 43,654,077	0.8976%
CONSOLIDATED IRRIGATION DISTRICT NO 19	\$ 45,790	\$ 61,304	\$ 71,511	\$ 70,577	\$ 50,980	\$ 300,162	0.0062%
COWLITZ COUNTY PUD NO 1	\$ 105,385,614	\$ 116,799,201	\$ 116,108,391	\$ 111,237,466	\$ 111,577,832	\$ 561,108,504	11.5368%
DRAIN	\$ 625,824	\$ 641,683	\$ 626,677	\$ 625,527	\$ 618,806	\$ 3,138,517	0.0645%
ELLENSBURG	\$ 5,567,151	\$ 5,939,093	\$ 6,061,048	\$ 5,574,922	\$ 5,669,307	\$ 28,811,521	0.5924%
EMERALD PUD	\$ 11,500,830	\$ 12,161,731	\$ 12,844,154	\$ 12,663,436	\$ 12,750,882	\$ 61,921,033	1.2731%
ENERGY NORTHWEST	\$ 826,253	\$ 590,067	\$ 632,328	\$ 664,769	\$ 643,635	\$ 3,357,052	0.0690%
EUGENE WATER & ELECTRIC BOARD	\$ 19,705,936	\$ 18,915,667	\$ 18,360,248	\$ 17,991,044	\$ 16,920,584	\$ 91,893,479	1.8894%
FERRY COUNTY PUD NO 1	\$ 2,483,405	\$ 2,043,630	\$ 2,437,719	\$ 2,386,428	\$ 1,800,644	\$ 11,151,826	0.2293%
FLATHEAD ELECTRIC COOPERATIVE INC	\$ 18,532,636	\$ 19,287,072	\$ 20,704,360	\$ 19,722,173	\$ 21,749,662	\$ 99,995,903	2.0560%
FOREST GROVE	\$ 5,295,870	\$ 5,090,625	\$ 5,850,127	\$ 5,724,399	\$ 5,855,417	\$ 27,816,438	0.5719%
FRANKLIN COUNTY PUD NO 1	\$ 6,151,780	\$ 5,771,787	\$ 5,734,341	\$ 5,339,830	\$ 5,239,967	\$ 28,237,705	0.5806%
GRANT COUNTY PUD NO 2	\$ 37,868,330	\$ 39,727,784	\$ 39,314,020	\$ 36,428,094	\$ 35,343,262	\$ 188,681,490	3.8794%
GRAYS HARBOR COUNTY PUD NO 1	\$ 9,325,821	\$ 10,001,293	\$ 9,966,069	\$ 9,269,427	\$ 9,086,401	\$ 47,649,011	0.9797%
HARNEY ELECTRIC COOPERATIVE INC	\$ 3,043,009	\$ 3,107,262	\$ 3,129,773	\$ 2,911,004	\$ 2,859,477	\$ 15,050,525	0.3094%
HERMISTON ENERGY SERVICES	\$ 3,230,004	\$ 3,389,483	\$ 3,463,592	\$ 3,209,979	\$ 3,185,190	\$ 16,478,248	0.3388%
HEYBURN	\$ 2,911,538	\$ 2,343,302	\$ 1,077,779	\$ 904,229	\$ 1,070,330	\$ 8,307,178	0.1708%
HOOD RIVER ELECTRIC COOPERATIVE	\$ 2,718,037	\$ 2,758,246	\$ 3,027,749	\$ 3,008,093	\$ 3,252,298	\$ 14,764,423	0.3036%
IDAHO CO LIGHT & POWER COOP ASSN INC	\$ 1,243,969	\$ 1,294,934	\$ 1,338,460	\$ 1,240,004	\$ 1,296,472	\$ 6,413,839	0.1319%
IDAHO FALLS POWER	\$ 5,322,648	\$ 5,906,686	\$ 5,884,032	\$ 5,474,041	\$ 5,369,806	\$ 27,957,213	0.5748%
KITTITAS COUNTY PUD NO 1	\$ 1,490,279	\$ 1,593,236	\$ 1,675,779	\$ 1,524,447	\$ 1,619,322	\$ 7,903,063	0.1625%
KLICKITAT COUNTY PUD NO 1	\$ 6,349,956	\$ 7,625,621	\$ 7,014,216	\$ 7,443,339	\$ 7,626,601	\$ 36,059,733	0.7414%
LAKEVIEW LIGHT & POWER	\$ 8,757,604	\$ 8,901,041	\$ 8,960,967	\$ 8,296,314	\$ 8,147,704	\$ 43,063,630	0.8854%
LEWIS COUNTY PUD NO 1	\$ 22,777,783	\$ 23,788,381	\$ 24,743,149	\$ 23,128,211	\$ 24,044,664	\$ 118,482,188	2.4361%
MASON COUNTY PUD NO 1	\$ 1,653,356	\$ 1,654,539	\$ 1,778,599	\$ 1,627,330	\$ 1,849,815	\$ 8,563,639	0.1761%
MASON COUNTY PUD NO 3	\$ 17,536,549	\$ 17,716,565	\$ 18,276,518	\$ 17,628,444	\$ 18,294,120	\$ 89,452,196	1.8392%
MCCLEARY	\$ 1,122,662	\$ 1,173,583	\$ 1,214,952	\$ 1,223,657	\$ 1,114,252	\$ 5,849,106	0.1203%

Table 15.4
Non-Slice PF-02 Revenue and Revenue Shares

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2002-2006 Total	Non-Slice PF-02 Revenue Share
MCMINNVILLE	\$ 15,815,479	\$ 20,099,892	\$ 20,786,843	\$ 19,901,356	\$ 21,063,829	\$ 97,667,399	2.0081%
MIDSTATE ELECTRIC COOPERATIVE INC	\$ 9,291,975	\$ 9,498,612	\$ 9,683,079	\$ 9,194,566	\$ 9,556,808	\$ 47,225,040	0.9710%
MILTON	\$ 1,699,244	\$ 1,775,298	\$ 1,862,842	\$ 1,736,684	\$ 1,755,933	\$ 8,830,001	0.1816%
MILTON - FREEWATER	\$ 2,564,034	\$ 2,648,873	\$ 2,635,683	\$ 2,394,181	\$ 2,409,298	\$ 12,652,069	0.2601%
MONMOUTH	\$ 1,871,270	\$ 1,912,196	\$ 1,970,855	\$ 2,004,134	\$ 2,040,316	\$ 9,798,771	0.2015%
NESPELEM VALLEY ELECTRIC COOPERATIVE	\$ 1,109,508	\$ 1,158,946	\$ 1,237,173	\$ 1,148,979	\$ 1,160,681	\$ 5,815,287	0.1196%
NORTHERN WASCO COUNTY PUD	\$ 5,485,253	\$ 5,468,480	\$ 5,020,388	\$ 4,756,371	\$ 7,152,750	\$ 27,883,242	0.5733%
OKANOGAN COUNTY PUD NO 1	\$ 3,849,532	\$ 3,844,192	\$ 3,848,285	\$ 3,542,959	\$ 3,489,074	\$ 18,574,042	0.3819%
OREGON TRAIL ELECTRIC COOP	\$ 17,686,959	\$ 17,911,985	\$ 17,837,006	\$ 16,689,131	\$ 18,010,357	\$ 88,135,438	1.8121%
PACIFIC COUNTY PUD NO 2	\$ 8,516,987	\$ 8,737,832	\$ 9,438,574	\$ 9,031,776	\$ 7,576,571	\$ 43,301,740	0.8903%
PACIFIC NORTHWEST GENERATING CO	\$ 30,969,117	\$ 31,183,043	\$ 31,060,269	\$ 28,927,574	\$ 28,430,721	\$ 150,570,724	3.0958%
PEND OREILLE COUNTY PUD NO 1	\$ 2,800,674	\$ 3,086,179	\$ 3,112,313	\$ 2,464,573	\$ 413,730	\$ 11,877,469	0.2442%
PENINSULA LIGHT COMPANY	\$ 15,435,337	\$ 15,827,352	\$ 16,711,425	\$ 15,593,301	\$ 16,036,004	\$ 79,603,419	1.6367%
PLUMMER	\$ 883,400	\$ 952,851	\$ 956,038	\$ 912,667	\$ 940,744	\$ 4,645,700	0.0955%
PORT ANGELES	\$ 14,534,585	\$ 15,610,746	\$ 19,114,585	\$ 17,479,815	\$ 18,323,301	\$ 85,063,032	1.7490%
RICHLAND	\$ 18,935,965	\$ 20,390,726	\$ 21,659,979	\$ 20,388,984	\$ 21,222,808	\$ 102,598,462	2.1095%
RUPERT	\$ 2,423,628	\$ 2,391,604	\$ 2,435,826	\$ 2,361,285	\$ 2,380,970	\$ 11,993,313	0.2466%
SALEM ELECTRIC	\$ 11,722,822	\$ 11,826,219	\$ 12,032,853	\$ 10,508,022	\$ 10,217,666	\$ 56,307,582	1.1577%
SEATTLE CITY LIGHT	\$ 36,586,217	\$ 36,617,511	\$ 33,354,266	\$ 31,036,898	\$ 30,060,064	\$ 167,654,956	3.4471%
SKAMANIA COUNTY PUD NO 1	\$ 3,408,830	\$ 3,582,090	\$ 3,846,749	\$ 3,606,532	\$ 3,715,452	\$ 18,159,653	0.3734%
SNOHOMISH COUNTY PUD NO 1	\$ 73,060,853	\$ 87,472,897	\$ 87,212,809	\$ 81,085,921	\$ 79,543,517	\$ 408,375,997	8.3965%
SPRINGFIELD UTILITY BOARD	\$ 15,747,962	\$ 15,655,972	\$ 16,161,345	\$ 16,130,151	\$ 16,988,188	\$ 80,683,618	1.6589%
SUMAS	\$ 623,341	\$ 731,782	\$ 807,332	\$ 811,342	\$ 881,749	\$ 3,855,546	0.0793%
SURPRISE VALLEY ELECTRIFICATION CORP	\$ 2,905,326	\$ 2,715,226	\$ 2,871,009	\$ 2,463,008	\$ 2,502,372	\$ 13,456,941	0.2767%
TACOMA POWER	\$ 94,079,877	\$ 98,825,285	\$ 99,875,524	\$ 101,547,464	\$ 95,520,441	\$ 489,848,591	10.0716%
TANNER ELECTRIC COOPERATIVE	\$ 1,898,099	\$ 1,951,286	\$ 2,039,445	\$ 1,911,198	\$ 1,966,554	\$ 9,766,582	0.2008%
TILLAMOOK COUNTY PUD NO 1	\$ 9,316,959	\$ 9,109,726	\$ 9,833,972	\$ 9,311,162	\$ 9,703,158	\$ 47,274,977	0.9720%
TOWN OF EATONVILLE	\$ 745,684	\$ 759,341	\$ 778,762	\$ 747,916	\$ 787,804	\$ 3,819,507	0.0785%
TOWN OF STEILACOOM	\$ 1,181,193	\$ 1,176,578	\$ 1,213,485	\$ 1,120,986	\$ 1,146,664	\$ 5,838,906	0.1201%
UMPQUA INDIAN UTILITY COOPERATIVE	\$ 409,956	\$ 480,039	\$ 542,392	\$ 579,742	\$ 568,024	\$ 2,580,153	0.0530%
UNITED ELECTRIC COOPERATIVE INC	\$ 4,870,652	\$ 4,889,747	\$ 4,941,421	\$ 4,380,109	\$ 4,632,460	\$ 23,714,389	0.4876%
US DOE NATL ENERGY TECHNOLOGY LAB	\$ 112,945	\$ 112,205	\$ 108,535	\$ 102,602	\$ 106,604	\$ 542,891	0.0112%
US DOE RICHLAND OPERATIONS OFFICE	\$ 6,943,638	\$ 6,996,236	\$ 6,583,131	\$ 5,833,321	\$ 5,432,862	\$ 31,789,188	0.6536%
US DOI BUREAU OF INDIAN AFFAIRS WAPATO	\$ 129,237	\$ 167,758	\$ 181,393	\$ 168,220	\$ 186,963	\$ 833,571	0.0171%
USAF FAIRCHILD	\$ 1,959,045	\$ 2,076,452	\$ 2,069,069	\$ 1,952,977	\$ 1,888,141	\$ 9,945,684	0.2045%
USN BANGOR	\$ 5,006,008	\$ 5,065,531	\$ 5,350,512	\$ 4,625,720	\$ 4,872,986	\$ 24,920,757	0.5124%
USN BREMERTON	\$ 6,782,073	\$ 6,481,676	\$ 8,588,270	\$ 7,106,510	\$ 6,731,590	\$ 35,690,119	0.7338%
USN EVERETT	\$ 345,519	\$ 372,485	\$ 390,088	\$ 330,968	\$ 333,879	\$ 1,772,939	0.0365%
VERA WATER AND POWER	\$ 5,823,810	\$ 6,403,906	\$ 6,611,258	\$ 6,104,867	\$ 6,386,388	\$ 31,330,229	0.6442%
WAHIAKUM COUNTY PUD NO 1	\$ 1,044,542	\$ 1,037,807	\$ 1,106,528	\$ 1,049,140	\$ 1,106,388	\$ 5,344,405	0.1099%
WELLS RURAL ELECTRIC COMPANY	\$ 11,707,108	\$ 11,974,323	\$ 11,963,143	\$ 13,913,955	\$ 14,382,385	\$ 63,940,914	1.3147%
WHATCOM COUNTY PUD NO 1	\$ 5,593,838	\$ 5,485,748	\$ 6,411,135	\$ 6,113,487	\$ 6,010,382	\$ 29,614,590	0.6089%
YAKAMA POWER					\$ 467,547	\$ 467,547	0.0096%
Grand Total	\$ 939,411,113	\$ 994,063,193	\$ 1,007,799,545	\$ 961,950,392	\$ 960,415,706	\$ 4,863,639,949	100%

ERRATA

**Errata to
WP-07 Supplemental Power Rate Case
FY 2002-2008 Lookback Study Documentation
WP-07-FS-BPA-08C**

Page 170, Table 9.2.9

Change numbers in 3rd column, rows 1 and 4 for Avista from “51.10” and “33,516” to “51.45” and “34,900”.

Change number in the 3rd column, and the last row from “301,055” to “302.440”.

Page 235, Table 11.6.1

Change numbers in 8th column, rows 2, 12, 13, 15, 17, 20, 28, and 30 from “102.35%”, “251,461,254”, “289,433,361”, “183,241,239”, “489,630,820”, “\$51.15”, “\$51.10” and “\$51.10” to “103.30%”, “252,265,644”, “292,130,286”, “183,368,888”, “493,009,576”, “\$51.50”, “\$51.45” and “\$51.45”.

Page 236, Table 11.6.1

Change numbers in 9th column, rows 3, 4, 5, 7, 8, and 14 from “\$6,512”, “\$13,589,665”, “\$27,583,851”, “\$43,533,219”, “\$1,613,671” and “\$251,461,254” to “\$6,572”, “\$13,716,293”, “\$27,840,876”, “\$43,938,589”, “\$1,628,707” and “\$252,265,644”.

Page 237, Table 11.6.1

Change numbers in 9th column, rows 4, 5 and 13 from “\$9,519,921”, “\$3,633,018” and “\$183,241,329” to “\$9,608,627”, “\$3,666,870” and “\$183,363,888”.

Page 279, Table 15.1

Change numbers in 9th column, rows 3, 4, 9, 12, 14, 16, 17, 18, 19, and 21 from “33.516”, “33.516”, “33.516”, “25.007”, “14.318”, “14.318”, “2.213”, “2.213”, “16.531”, and “33.516” to “34.900”, “34.900”, “34.900”, “26.937”, “15.089”, “15.089”, “2.156”, “2.156”, “15.089”, and “34.900”.

Change numbers in 10th column rows 4, 5, 10, 12, and 21 from “16.531”, “5.560”, “2.213”, “14.318”, and “16.531” to “15.089”, “7.002”, “2.156”, “12.933”, and “15.089”.

Page 281, Table 15.3

Change numbers in D column for Avista from “\$2.989” to “\$3.712” and for the Totals & Averages row in Column D from “\$178.392” to “\$179.116”.