

2010 BPA Rate Case
Wholesale Power Rate Initial Proposal

**SECTION 7(b)(2) RATE TEST
STUDY DOCUMENTATION**

February 2009

WP-10-E-BPA-06A



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COMMONLY USED ACRONYMS

AC	alternating current
AFUDC	Allowance for Funds Used During Construction
AGC	Automatic Generation Control
ALF	Agency Load Forecast (computer model)
aMW	average megawatt
AMNR	Accumulated Modified Net Revenues
ANR	Accumulated Net Revenues
AOP	Assured Operating Plan
ASC	Average System Cost
ATC	Accrual to Cash
BAA	Balancing Authority Area
BASC	BPA Average System Cost
Bcf	billion cubic feet
BiOp	Biological Opinion
BPA	Bonneville Power Administration
Btu	British thermal unit
CAISO	California Independent System Operator
CBFWA	Columbia Basin Fish & Wildlife Authority
CCCT	combined-cycle combustion turbine
cfs	cubic feet per second
CGS	Columbia Generating Station
CHJ	Chief Joseph
C/M	consumers per mile of line for LDD
COB	California-Oregon Border
COE	U.S. Army Corps of Engineers
COI	California-Oregon Intertie
COSA	Cost of Service Analysis
COU	consumer-owned utility
Council	Northwest Power and Conservation Council
CP	Coincidental Peak
CRAC	Cost Recovery Adjustment Clause
CRC	Conservation Rate Credit
CRFM	Columbia River Fish Mitigation
CRITFC	Columbia River Inter-Tribal Fish Commission
CSP	Customer System Peak
CT	combustion turbine
CY	calendar year (January through December)
DC	direct current
DDC	Dividend Distribution Clause
dec	decremental
DJ	Dow Jones
DO	Debt Optimization
DOE	Department of Energy

DOP	Debt Optimization Program
DSI	direct-service industrial customer or direct-service industry
EAF	energy allocation factor
ECC	Energy Content Curve
EIA	Energy Information Administration
EIS	Environmental Impact Statement
EN	Energy Northwest, Inc. (formerly Washington Public Power Supply System)
EPA	Environmental Protection Agency
EPP	Environmentally Preferred Power
EQR	Electric Quarterly Report
ESA	Endangered Species Act
F&O	financial and operating reports
FBS	Federal Base System
FCRPS	Federal Columbia River Power System
FCRTS	Federal Columbia River Transmission System
FERC	Federal Energy Regulatory Commission
FELCC	firm energy load carrying capability
FPA	Federal Power Act
FPS	Firm Power Products and Services (rate)
FY	fiscal year (October through September)
GAAP	Generally Accepted Accounting Principles
GARD	Generation and Reserves Dispatch (computer model)
GCL	Grand Coulee
GCPs	General Contract Provisions
GEP	Green Energy Premium
GI	Generation Integration
GRI	Gas Research Institute
GRSPs	General Rate Schedule Provisions
GSP	Generation System Peak
GSU	generator step-up transformers
GTA	General Transfer Agreement
GWh	gigawatthour
HLH	heavy load hour
HOSS	Hourly Operating and Scheduling Simulator (computer model)
HYDSIM	Hydro Simulation (computer model)
IDC	interest during construction
inc	incremental
IOU	investor-owned utility
IP	Industrial Firm Power (rate)
IPR	Integrated Program Review
IRP	Integrated Resource Plan
ISD	incremental standard deviation
ISO	Independent System Operator
JDA	John Day
kaf	thousand (kilo) acre-feet

kcfs	thousand (kilo) cubic feet per second
K/I	kilowatthour per investment ratio for LDD
ksfd	thousand (kilo) second foot day
kV	kilovolt (1000 volts)
kVA	kilo volt-ampere (1000 volt-amperes)
kW	kilowatt (1000 watts)
kWh	kilowatthour
LDD	Low Density Discount
LGIP	Large Generator Interconnection Procedures
LLH	light load hour
LME	London Metal Exchange
LOLP	loss of load probability
LRA	Load Reduction Agreement
m/kWh	mills per kilowatthour
MAE	mean absolute error
Maf	million acre-feet
MCA	Marginal Cost Analysis
MCN	McNary
Mid-C	Mid-Columbia
MIP	Minimum Irrigation Pool
MMBtu	million British thermal units
MNR	Modified Net Revenues
MOA	Memorandum of Agreement
MOP	Minimum Operating Pool
MORC	Minimum Operating Reliability Criteria
MOU	Memorandum of Understanding
MRNR	Minimum Required Net Revenue
MVA _r	megavolt ampere reactive
MW	megawatt (1 million watts)
MWh	megawatthour
NCD	non-coincidental demand
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NFB	National Marine Fisheries Service (NMFS) Federal Columbia River Power System (FCRPS) Biological Opinion (BiOp)
NIFC	Northwest Infrastructure Financing Corporation
NLSL	New Large Single Load
NOAA Fisheries	National Oceanographic and Atmospheric Administration Fisheries (formerly National Marine Fisheries Service)
NOB	Nevada-Oregon Border
NORM	Non-Operating Risk Model (computer model)
Northwest Power Act	Pacific Northwest Electric Power Planning and Conservation Act
NPCC	Northwest Power and Conservation Council
NPV	net present value
NR	New Resource Firm Power (rate)

NT	Network Transmission
NTSA	Non-Treaty Storage Agreement
NUG	non-utility generation
NWPP	Northwest Power Pool
OATT	Open Access Transmission Tariff
O&M	operation and maintenance
OMB	Office of Management and Budget
OTC	Operating Transfer Capability
OY	operating year (August through July)
PDP	proportional draft points
PF	Priority Firm Power (rate)
PI	Plant Information
PMA	(Federal) Power Marketing Agency
PNCA	Pacific Northwest Coordination Agreement
PNRR	Planned Net Revenues for Risk
PNW	Pacific Northwest
POD	Point of Delivery
POI	Point of Integration or Point of Interconnection
POM	Point of Metering
POR	Point of Receipt
Project Act	Bonneville Project Act
PS	BPA Power Services
PSC	power sales contract
PSW	Pacific Southwest
PTP	Point to Point Transmission (rate)
PUD	public or people's utility district
RAM	Rate Analysis Model (computer model)
RAS	Remedial Action Scheme
Reclamation	U.S. Bureau of Reclamation
RD	Regional Dialogue
REC	Renewable Energy Certificate
REP	Residential Exchange Program
RevSim	Revenue Simulation Model (component of RiskMod)
RFA	Revenue Forecast Application (database)
RFP	Request for Proposal
RiskMod	Risk Analysis Model (computer model)
RiskSim	Risk Simulation Model (component of RiskMod)
RMS	Remote Metering System
RMSE	root-mean squared error
ROD	Record of Decision
RPSA	Residential Purchase and Sale Agreement
RTF	Regional Technical Forum
RTO	Regional Transmission Operator
SCADA	Supervisory Control and Data Acquisition
SCCT	single-cycle combustion turbine
Slice	Slice of the System (product)

SME	subject matter expert
TAC	Targeted Adjustment Charge
TDA	The Dalles
Tcf	trillion cubic feet
TPP	Treasury Payment Probability
Transmission System Act	Federal Columbia River Transmission System Act
TRL	Total Retail Load
TRM	Tiered Rate Methodology
TS	BPA Transmission Services
UAI	Unauthorized Increase
UDC	utility distribution company
URC	Upper Rule Curve
USFWS	U.S. Fish and Wildlife Service
VOR	Value of Reserves
WECC	Western Electricity Coordinating Council (formerly WSCC)
WIT	Wind Integration Team
WPRDS	Wholesale Power Rate Development Study
WREGIS	Western Renewable Energy Generation Information System
WSPP	Western Systems Power Pool

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1. PROGRAM CASE RATES ANALYSIS MODEL

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Description of Ratemaking Tables

7(b)(2) Rate Test Program Case

Table 1.1.1 (Sales_01)

Total PF Load Forecast, FY2010-15

Gigawatthour (GWh) energy sales and peak kilowatt (kW)/mo. demand amounts for each month of the Rate Test Period Fiscal Year (FY) 2010-2015.

Table 1.1.2 (Sales_02)

Total PF Exchange Load Forecast, FY2010-15

GWh energy sales and peak kW/mo. demand amounts for each month of the Rate Test Period FY 2010-2015.

Table 1.1.3 (Sales_03)

Total IP Load Forecast, FY2010-15

GWh energy sales and peak kW/mo. demand amounts for each month of the Rate Test Period FY 2010-2015.

Table 1.1.4 (Sales_04)

Total NR Load Forecast, FY2010-15

GWh energy sales and peak kW/mo. demand amounts for each month of the Rate Test Period FY 2010-2015. (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 0.0001 aMW was used.)

Table 1.2 (Exchange_01)

Forecast for Traditional Residential Exchange Program, FY2010-15.

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

Table 1.3.1 to Table 1.3.6 (COSA_06)

Itemized Revenue Requirements, FY2010-15.

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

Table 1.3.7 (COSA_07)

Functionalization of Residential Exchange Costs, FY2010.

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

Description of Ratemaking Tables

7(b)(2) Rate Test Program Case

Table 1.3.8 (COSA_08)

Classified Revenue Requirement, FY2010.

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 1.3.9 (COSA_09)

Functionalized Revenue Credits, FY2010-15.

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 1.3.10 (COSA_09A)

Allocation of EE Revenue Credits to Conservation Costs, FY2010-15.

Energy Efficiency revenues are credited against conservation program costs rather than being directly assigned to Federal Base System (FBS) power as are the bulk of BPA's other revenue credits.

Table 1.4.1 (ALLOCATE 01)

Energy Allocation Factors (EAF), FY2010-15.

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 1.4.2 (ALLOCATE 02)

Initial Rate Pool Cost Allocation, FY2010-15.

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

Table 1.5.1 (RDS_11)

Allocation of Secondary Revenues and Other Revenue Credits, FY2010-15.

Tables summarize revenue from secondary power sales and revenues from Other Revenue Credits from Table COSA 09. Gross secondary revenues are adjusted to account for a 7(b)(3) cost allocation to secondary sales. 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.

Description of Ratemaking Tables

7(b)(2) Rate Test Program Case

Table 1.5.2 (RDS_17)

Surplus Firm Power Revenues (Surplus)/Shortfall, FY2010-15.

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 1.5.3 (RDS_19)

Summary of Initial Cost Allocations, FY2010-15.

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 1.5.4 (RDS_21)

7(C)(2) Delta Calculation and Allocation of 7(C)(2) Delta, FY2010-15.

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 1.5.5 (RDS_23)

Industrial Firm Power Floor Rate Calculation, FY2010-15.

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 1.5.6 (RDS_24)

Industrial Firm Power Floor Rate Test FY2010.

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 1.6 (RDS_50)

Calculation of PF Preference Rate Components, FY2010.

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 2010.

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
3	Table 1.1.1																Sales 01
4	Total PF Load Forecast FY2010-15																
5															Total		
6			<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>			
7																	
8	2010	HLH	3011	3289	3654	3623	3259	3237	2863	3071	2970	3063	3153	2857	63643	7265	
9		LLH	1892	2382	2516	2604	2130	2052	1838	2210	1864	2134	2023	1949			
10		Demand	8264	9181	9547	10030	9591	8470	7678	7684	7176	8018	7727	7477			
11			<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>			
12																	
13	2011	HLH	2986	3400	3697	3666	3302	3275	2825	3007	2905	3066	3249	2887	63885	7293	
14		LLH	1972	2335	2541	2630	2156	2074	1811	2160	1821	2177	1977	1966			
15		Demand	8367	9323	9677	10158	9719	8582	7593	7543	7037	8067	7845	7575			
16			<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>			
17	2012	HLH	3075	3503	3762	3743	3461	3359	2928	3260	3098	3201	3354	2924	65954	7508	
18		LLH	1995	2360	2613	2698	2208	2098	1934	2191	1915	2216	2016	2042			
19		Demand	8922	9959	10314	10890	10392	9161	8284	8347	7707	8615	8308	8042			
20			<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>			
21	2013	HLH	3164	3542	3792	3907	3426	3342	3015	3228	2983	3286	3395	2961	66309	7570	
22		LLH	1961	2383	2657	2619	2197	2176	1905	2166	1923	2178	2038	2064			
23		Demand	9040	10078	10422	10995	10474	9281	8394	8278	7560	8712	8426	8155			
24			<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>			
25	2014	HLH	3211	3595	3863	3970	3484	3384	3069	3348	3137	3353	3397	3068	67678	7726	
26		LLH	1990	2417	2704	2660	2234	2201	1939	2246	2020	2221	2127	2043			
27		Demand	9152	10200	10593	11150	10619	9371	8520	8566	7926	8867	8559	8279			
28			<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>			
29	2015	HLH	3264	3585	3993	4023	3535	3426	3114	3287	3134	3374	3445	3111	68341	7801	
30		LLH	2022	2514	2682	2694	2265	2226	1966	2291	1931	2234	2154	2070			
31		Demand	9283	10329	10741	11278	10742	9467	8626	8541	7775	8909	8668	8383			

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
3	Table 1.1.2															Sales 02	
4	Total PF Exchange Load Forecast FY2010-15																
5																Total	
6																	
7																	
8			<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>			
9	2010	HLH	1785	2030	2615	2889	2710	2533	2288	1516	1262	1227	1633	2006	38924	4443	
10		LLH	1080	1167	1470	1896	1719	1530	1308	950	686	692	816	1115			
11		Demand	5934	6279	7966	9035	8729	6370	6195	4249	3585	4090	4833	5912			
12			<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>			
13	2011	HLH	1795	2038	2622	2887	2710	2534	2323	1552	1307	1274	1678	2044	39366	4494	
14		LLH	1087	1173	1475	1896	1720	1531	1330	974	713	722	842	1138			
15		Demand	5959	6301	7982	9027	8728	6373	6289	4344	3708	4235	4961	6017			
16			<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>			
17	2012	HLH	1821	2062	2641	2919	2689	2578	2401	1518	1324	1295	1690	2048	39738	4524	
18		LLH	1105	1189	1488	1918	1708	1560	1378	953	725	736	851	1142			
19		Demand	6035	6371	8041	9121	8338	6484	6498	4249	3754	4293	4991	6027			
20			<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>			
21	2013	HLH	1865	2111	2698	2953	2773	2611	2434	1539	1345	1322	1730	2078	40507	4624	
22		LLH	1133	1219	1522	1941	1762	1581	1398	968	737	753	873	1160			
23		Demand	6177	6518	8206	9227	8926	6567	6587	4309	3814	4381	5106	6116			
24			<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>			
25	2014	HLH	1852	2146	2736	2986	2802	2626	2406	1665	1428	1398	1820	2165	41437	4730	
26		LLH	1126	1241	1545	1965	1782	1591	1383	1050	787	800	924	1212			
27		Demand	6131	6620	8314	9325	9035	6604	6511	4648	4039	4611	5363	6364			
28			<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>			
29	2015	HLH	1958	2194	2760	2970	2772	2630	2398	1781	1594	1568	1910	2146	42554	4858	
30		LLH	1199	1277	1567	1958	1767	1599	1385	1131	892	910	982	1208			
31		Demand	6369	6687	8298	9187	8850	6576	6442	4904	4440	5041	5538	6242			

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
3	Table 1.1.3																Sales 03
4																	
5	Total IP Load Forecast FY2010-15																
6																	
7																	
8																Total	
9	2010	HLH	<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>			
10		LLH	167	161	161	167	154	174	161	167	167	161	174	154	3522	402	
11		Demand	132	129	138	132	116	125	129	132	122	138	125	135			
12			402	402	402	402	402	402	402	402	402	402	402	402			
13	2011	HLH	<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>			
14		LLH	174	161	161	167	161	167	167	167	161	167	167	161	3531	403	
15		Demand	125	129	138	132	119	131	122	132	129	132	132	129			
16			402	402	402	402	402	402	402	402	402	402	402	402			
17	2012	HLH	<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>			
18		LLH	174	161	161	167	161	167	167	167	161	167	167	161	3531	403	
19		Demand	125	129	138	132	119	131	122	132	129	132	132	129			
20			402	402	402	402	402	402	402	402	402	402	402	402			
21	2013	HLH	<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>			
22		LLH	174	154	167	161	154	174	167	161	167	167	167	161	3522	402	
23		Demand	125	135	132	138	116	125	122	138	122	132	132	129			
24			402	402	402	402	402	402	402	402	402	402	402	402			
25	2014	HLH	<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>			
26		LLH	167	161	167	161	154	174	167	161	167	161	174	161	3522	402	
27		Demand	132	129	132	138	116	125	122	138	122	138	125	129			
28			402	402	402	402	402	402	402	402	402	402	402	402			
29	2015	HLH	<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>			
30		LLH	174	161	161	167	161	167	167	167	161	167	167	161	3531	403	
31		Demand	125	129	138	132	119	131	122	132	129	132	132	129			
			402	402	402	402	402	402	402	402	402	402	402	402			

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	
3	Table 1.1.4																Sales 04	
4	Total NR Load Forecast FY2010-15																	
5																		
6																		
7																	Total	
8			<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>				
9	2010	HLH	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.0009 0.0001
10		LLH	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
11		Demand	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	
12			<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>				
13	2011	HLH	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.0009 0.0001
14		LLH	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
15		Demand	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	
16			<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>				
17	2012	HLH	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.0009 0.0001
18		LLH	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
19		Demand	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	
20			<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>				
21	2013	HLH	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.0009 0.0001
22		LLH	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
23		Demand	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	
24			<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>				
25	2014	HLH	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.0009 0.0001
26		LLH	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
27		Demand	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	
28			<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>				
29	2015	HLH	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.0009 0.0001
30		LLH	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
31		Demand	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	

	C	D	E	F	G	H	I
3	Table 1.2						Exchange 01
4							
5	Forecast for Residential Exchange Program						
6							
7							
8		<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
9	Potential Exchanger ASC						
10		(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/MWh)
11							
12	Avista	\$ 49.13	\$ 50.61	\$ 52.00	\$ 52.74	\$ 53.34	\$ 54.13
13	Idaho Power	\$ 39.25	\$ 39.25	\$ 40.80	\$ 41.37	\$ 42.16	\$ 43.00
14	Northwestern Energy PNWR	\$ 54.57	\$ 54.57	\$ 56.93	\$ 58.05	\$ 59.30	\$ 60.62
15	Pacificorp	\$ 51.72	\$ 51.72	\$ 50.38	\$ 50.38	\$ 51.60	\$ 53.04
16	Portland General	\$ 58.05	\$ 59.95	\$ 61.66	\$ 62.34	\$ 62.98	\$ 63.74
17	Puget Sound Energy	\$ 62.13	\$ 64.58	\$ 65.82	\$ 66.53	\$ 67.31	\$ 68.19
18	Franklin	\$ 43.02	\$ 42.55	\$ 41.94	\$ 42.88	\$ 43.73	\$ 44.66
19	Snohomish	\$ 47.72	\$ 45.45	\$ 47.52	\$ 48.50	\$ 49.46	\$ 50.46
20							
21							
22		<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
23	Potential Exchanger Load						
24		(aMW)	(aMW)	(aMW)	(aMW)	(aMW)	(aMW)
25							
26	Avista	455	461	443	460	468	480
27	Idaho Power	743	762	723	731	740	749
28	Northwestern Energy PNWR	71	72	72	74	74	75
29	Pacificorp	1,089	1,100	1,108	1,122	1,144	1,167
30	Portland General	999	1,009	1,022	1,044	1,065	1,087
31	Puget Sound Energy	1,361	1,376	1,395	1,432	1,478	1,541
32	Franklin	40	41	42	43	43	44
33	Snohomish	429	436	442	450	457	463

	A	B	C	D	E	F	G	
2	Table 1.3.1						COSA 06 FY2010	
3								
4	COST OF SERVICE ANALYSIS							
5								
6	Itemized Revenue Requirement							
7	FY 2010							
8								
9								
10								
11								
12	FY 2010							
13		A	B	C	D	E	F	
14		INVEST	NET	NET	OPER	TOTAL		
15		BASE	INT	REVS	EXP	(B+C+D)		
16	1. GENERATION COSTS							
17								
18	2. FEDERAL BASE SYSTEM							
19	3. HYDRO	0	133,499	134,290	433,943	701,732		
20	4. BPA FISH & WILDLIFE PROGRAM	204,098	17,296	17,400	263,845	298,541		
21	5. TROJAN				2,200	2,200		
22	6. WNP #1				163,589	163,589		
23	7. WNP #2				503,533	503,533		
24	8. WNP #3				139,704	139,704		
25	9. SYSTEM AUGMENTATION				176,580	348,990	172,410	
26	10. BALANCING POWER PURCHASES				63,288	63,288		
27	11. TOTAL FEDERAL BASE SYSTEM	204,098	150,795	151,690	1,746,681	2,221,576		
28								
29	12. NEW RESOURCES							
30	13. IDAHO FALLS				2,788	2,788		
31	14. COWLITZ FALLS				14,354	14,354		
32	15. OTHER NEW RESOURCES PURCHASES				66,719	66,719		
33	16. TOTAL NEW RESOURCES				83,861	83,861		
34								
35	17. RESIDENTIAL EXCHANGE				2,168,413	2,168,413		
36								
37	18. CONSERVATION		13,754	13,835	170,130	197,719		
38								
39	19. OTHER GENERATION COSTS							
40	20. BPA PROGRAMS	15,032	1,274	1,281	149,044	151,599		
41	21. WNP #3 PLANT				0	0		
42	22. TOTAL OTHER GENERATION COSTS	15,032	1,274	1,281	149,044	151,599		
43								
44	23. TOTAL GENERATION COSTS	219,130	165,823	166,806	4,318,129	4,823,168		
45								
46	24. TRANSMISSION COSTS							
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				121,472	121,472		
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000		
49	27. GENERAL TRANSFER AGREEMENTS				50,690	50,690		
50	28. TOTAL TRANSMISSION COSTS				173,162	173,162		
51								
52	29. TOTAL PBL REVENUE REQUIREMENT		165,823	166,806	4,491,291	4,996,330		
53	30. BPA TRANSMISSION REVENUE REQUIREMENT		150,888	57,893	525,233	734,014		
54	(Net of Line 25)							

	A	B	C	D	E	F	G	
2	Table 1.3.2						COSA 06 FY2011	
3								
4	COST OF SERVICE ANALYSIS							
5								
6	Itemized Revenue Requirement							
7	FY 2011							
8								
9								
10								
11								
12	FY 2011							
13		A	B	C	D	E	F	
14		INVEST	NET	NET	OPER	TOTAL		
15		BASE	INT	REVS	EXP	(B+C+D)		
16	1. GENERATION COSTS							
17								
18	2. FEDERAL BASE SYSTEM							
19	3. HYDRO	0	136,952	41,674	454,344	632,971		
20	4. BPA FISH & WILDLIFE PROGRAM	243,903	21,102	6,422	272,623	300,147		
21	5. TROJAN				2,300	2,300		
22	6. WNP #1				165,500	165,500		
23	7. WNP #2				592,762	592,762		
24	8. WNP #3				164,849	164,849		
25	9. SYSTEM AUGMENTATION				304,818	495,078	190,261	
26	10. BALANCING POWER PURCHASES				51,706	51,706		
27	11. TOTAL FEDERAL BASE SYSTEM	243,903	158,054	48,096	2,008,901	2,405,312		
28								
29	12. NEW RESOURCES							
30	13. IDAHO FALLS				2,819	2,819		
31	14. COWLITZ FALLS				14,381	14,381		
32	15. OTHER NEW RESOURCES PURCHASES				67,371	67,371		
33	16. TOTAL NEW RESOURCES				84,571	84,571		
34								
35	17. RESIDENTIAL EXCHANGE				2,235,180	2,235,180		
36								
37	18. CONSERVATION		12,551	3,819	175,781	192,151		
38								
39	19. OTHER GENERATION COSTS							
40	20. BPA PROGRAMS	12,887	1,115	339	153,320	154,774		
41	21. WNP #3 PLANT				0	0		
42	22. TOTAL OTHER GENERATION COSTS	12,887	1,115	339	153,320	154,774		
43								
44	23. TOTAL GENERATION COSTS	256,790	171,720	52,254	4,657,752	5,071,988		
45								
46	24. TRANSMISSION COSTS							
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				118,230	118,230		
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000		
49	27. GENERAL TRANSFER AGREEMENTS				51,340	51,340		
50	28. TOTAL TRANSMISSION COSTS				170,570	170,570		
51								
52	29. TOTAL PBL REVENUE REQUIREMENT		171,720	52,254	4,828,322	5,242,558		
53	30. BPA TRANSMISSION REVENUE REQUIREMENT		166,505	57,581	548,866	772,952		
54	(Net of Line 25)							

	A	B	C	D	E	F	G
2	Table 1.3.3						COSA 06 FY2012
3							
4	COST OF SERVICE ANALYSIS						
5							
6	Itemized Revenue Requirement						
7	FY 2012						
8							
9							
10							
11							
12	FY 2012						
13		A	B	C	D	E	F
14		INVEST	NET	NET	OPER	TOTAL	
15		BASE	INT	REVS	EXP	(B+C+D)	
16	1. GENERATION COSTS						
17							
18	2. FEDERAL BASE SYSTEM						
19	3. HYDRO	0	150,980	0	470,874	621,854	
20	4. BPA FISH & WILDLIFE PROGRAM	271,798	22,567	0	280,059	302,626	
21	5. TROJAN				2,300	2,300	
22	6. WNP #1				190,546	190,546	
23	7. WNP #2				618,211	618,211	
24	8. WNP #3				157,976	157,976	
25	9. SYSTEM AUGMENTATION				159,868	362,203	202,335
26	10. BALANCING POWER PURCHASES				52,875	52,875	
27	11. TOTAL FEDERAL BASE SYSTEM	271,798	173,547	0	1,932,709	2,308,591	
28							
29	12. NEW RESOURCES						
30	13. IDAHO FALLS				2,848	2,848	
31	14. COWLITZ FALLS				14,407	14,407	
32	15. OTHER NEW RESOURCES PURCHASES				96,916	96,916	
33	16. TOTAL NEW RESOURCES				114,171	114,171	
34							
35	17. RESIDENTIAL EXCHANGE				2,291,236	2,291,236	
36							
37	18. CONSERVATION		11,062	0	169,024	180,086	
38							
39	19. OTHER GENERATION COSTS						
40	20. BPA PROGRAMS	11,935	991	0	155,603	156,594	
41	21. WNP #3 PLANT				0	0	
42	22. TOTAL OTHER GENERATION COSTS	11,935	991	0	155,603	156,594	
43							
44	23. TOTAL GENERATION COSTS	283,733	185,600	0	4,662,743	5,050,678	
45							
46	24. TRANSMISSION COSTS						
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				124,903	124,903	
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000	
49	27. GENERAL TRANSFER AGREEMENTS				52,428	52,428	
50	28. TOTAL TRANSMISSION COSTS				178,331	178,331	
51							
52	29. TOTAL PBL REVENUE REQUIREMENT		185,600	0	4,841,074	5,229,009	
53							

	A	B	C	D	E	F	G
2	Table 1.3.4					COISA 06 FY2013	
3	COST OF SERVICE ANALYSIS						
4	Itemized Revenue Requirement						
5	FY 2013						
6							
7							
8							
9							
10							
11							
12	FY 2013						
13		A	B	C	D	E	F
14		INVEST	NET	NET	OPER	TOTAL	
15		BASE	INT	REVS	EXP	(B+C+D)	
16	1. GENERATION COSTS						
17							
18	2. FEDERAL BASE SYSTEM						
19	3. HYDRO	0	164,708	36,218	485,336	686,262	
20	4. BPA FISH & WILDLIFE PROGRAM	293,187	25,405	5,586	288,032	319,023	
21	5. TROJAN				2,400	2,400	
22	6. WNP #1				285,733	285,733	
23	7. WNP #2				506,447	506,447	
24	8. WNP #3				172,276	172,276	
25	9. SYSTEM AUGMENTATION				274,762	483,002	208,240
26	10. BALANCING POWER PURCHASES				45,036	45,036	
27	11. TOTAL FEDERAL BASE SYSTEM	293,187	190,113	41,804	2,060,023	2,500,180	
28							
29	12. NEW RESOURCES						
30	13. IDAHO FALLS				2,876	2,876	
31	14. COWLITZ FALLS				14,422	14,422	
32	15. OTHER NEW RESOURCES PURCHASES				98,395	98,395	
33	16. TOTAL NEW RESOURCES				115,692	115,692	
34							
35	17. RESIDENTIAL EXCHANGE				2,358,501	2,358,501	
36							
37	18. CONSERVATION		10,777	2,370	173,151	186,298	
38							
39	19. OTHER GENERATION COSTS						
40	20. BPA PROGRAMS	11,935	1,034	227	156,403	157,664	
41	21. WNP #3 PLANT				0	0	
42	22. TOTAL OTHER GENERATION COSTS	11,935	1,034	227	156,403	157,664	
43							
44	23. TOTAL GENERATION COSTS	305,122	201,924	44,401	4,863,771	5,318,336	
45							
46	24. TRANSMISSION COSTS						
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				124,903	124,903	
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000	
49	27. GENERAL TRANSFER AGREEMENTS				52,437	52,437	
50	28. TOTAL TRANSMISSION COSTS				178,340	178,340	
51							
52	29. TOTAL PBL REVENUE REQUIREMENT		201,924	44,401	5,042,111	5,496,676	
53							

	A	B	C	D	E	F	G	
2	Table 1.3.5						COSA 06 FY2014	
3	COST OF SERVICE ANALYSIS							
4	Itemized Revenue Requirement							
5	FY 2014							
6								
7								
8								
9								
10								
11								
12	FY 2014							
13		A	B	C	D	E	F	
14		INVEST	NET	NET	OPER	TOTAL		
15		BASE	INT	REVS	EXP	(B+C+D)		
16	1. GENERATION COSTS							
17								
18	2. FEDERAL BASE SYSTEM							
19	3. HYDRO	0	178,774	34,758	498,709	712,240		
20	4. BPA FISH & WILDLIFE PROGRAM	305,991	29,297	5,424	295,635	330,356		
21	5. TROJAN				2,500	2,500		
22	6. WNP #1				269,571	269,571		
23	7. WNP #2				496,369	496,369		
24	8. WNP #3				162,214	162,214		
25	9. SYSTEM AUGMENTATION				274,959	490,348	215,389	
26	10. BALANCING POWER PURCHASES				58,996	58,996		
27	11. TOTAL FEDERAL BASE SYSTEM	305,991	208,071	40,182	2,058,954	2,522,595		
28								
29	12. NEW RESOURCES							
30	13. IDAHO FALLS				2,904	2,904		
31	14. COWLITZ FALLS				14,445	14,445		
32	15. OTHER NEW RESOURCES PURCHASES				99,390	99,390		
33	16. TOTAL NEW RESOURCES				116,738	116,738		
34								
35	17. RESIDENTIAL EXCHANGE				2,451,027	2,451,027		
36								
37	18. CONSERVATION		9,829	2,161	174,250	186,240		
38								
39	19. OTHER GENERATION COSTS							
40	20. BPA PROGRAMS	10,177	882	194	162,242	163,318		
41	21. WNP #3 PLANT				0	0		
42	22. TOTAL OTHER GENERATION COSTS	10,177	882	194	162,242	163,318		
43								
44	23. TOTAL GENERATION COSTS	316,168	218,782	42,537	4,963,211	5,439,918		
45								
46	24. TRANSMISSION COSTS							
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				124,903	124,903		
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000		
49	27. GENERAL TRANSFER AGREEMENTS				52,446	52,446		
50	28. TOTAL TRANSMISSION COSTS				178,349	178,349		
51								
52	29. TOTAL PBL REVENUE REQUIREMENT		218,782	42,537	5,141,560	5,618,267		
53								

	A	B	C	D	E	F	G	
2	Table 1.3.6						COSA 06 FY2015	
3								
4	COST OF SERVICE ANALYSIS							
5								
6	Itemized Revenue Requirement							
7	FY 2015							
8								
9								
10								
11								
12	FY 2015							
13		A	B	C	D	E	F	
14		INVEST	NET	NET	OPER	TOTAL		
15		BASE	INT	REVS	EXP	(B+C+D)		
16	1. GENERATION COSTS							
17								
18	2. FEDERAL BASE SYSTEM							
19	3. HYDRO	0	189,952	53,792	510,956	754,700		
20	4. BPA FISH & WILDLIFE PROGRAM	310,283	32,524	9,819	303,464	345,807		
21	5. TROJAN				2,600	2,600		
22	6. WNP #1				201,573	201,573		
23	7. WNP #2				584,907	584,907		
24	8. WNP #3				182,918	182,918		
25	9. SYSTEM AUGMENTATION				411,560	636,086	224,526	
26	10. BALANCING POWER PURCHASES				49,718	49,718		
27	11. TOTAL FEDERAL BASE SYSTEM	310,283	222,476	63,611	2,247,695	2,758,308		
28								
29	12. NEW RESOURCES							
30	13. IDAHO FALLS				2,927	2,927		
31	14. COWLITZ FALLS				14,458	14,458		
32	15. OTHER NEW RESOURCES PURCHASES				100,233	100,233		
33	16. TOTAL NEW RESOURCES				117,617	117,617		
34								
35	17. RESIDENTIAL EXCHANGE				2,561,049	2,561,049		
36								
37	18. CONSERVATION		8,948	1,967	168,064	178,979		
38								
39	19. OTHER GENERATION COSTS							
40	20. BPA PROGRAMS	7,603	659	145	168,064	168,868		
41	21. WNP #3 PLANT				0	0		
42	22. TOTAL OTHER GENERATION COSTS	7,603	659	145	168,064	168,868		
43								
44	23. TOTAL GENERATION COSTS	317,886	232,083	65,723	5,262,489	5,784,821		
45								
46	24. TRANSMISSION COSTS							
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				124,903	124,903		
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000		
49	27. GENERAL TRANSFER AGREEMENTS				52,446	52,446		
50	28. TOTAL TRANSMISSION COSTS				178,349	178,349		
51								
52	29. TOTAL PBL REVENUE REQUIREMENT		232,083	65,723	5,440,838	5,963,170		
53								

	B	C	D	E	F	G	H	I	J	K	L	
2	Table 1.3.7										COSA 07	
3												
4	COST OF SERVICE ANALYSIS											
5												
6	Functionalization of Residential Exchange Cost:											
7	Fiscal Year 2010											
8												
9												
10	Gross Residential Exchange Cost				\$	2,168,413						
11	Residential Exchange Transmission				\$	165,818						
12	Functionalized Residential Exchange Costs				\$	2,002,596						
13												
14												
15												
16	Table 1.3.8											COSA 08
17												
18	COST OF SERVICE ANALYSIS											
19												
20	Classified Revenue Requirement											
21	Fiscal Year 2010											
22												
23		Total										
24		Rev Req	Energy			Demand			Load Variance			
25			%	Total		%	Total		%	Total		
26												
27	1. GENERATION COSTS											
28	2. FEDERAL BASE SYSTEM											
29	3. HYDRO	\$	701,732	92.82%	\$	651,369	6.18%	\$	43,357	1.00%	\$	7,006
30	4. BPA FISH & WILDLIFE PROGRAM	\$	298,541	93.82%	\$	280,096	6.18%	\$	18,446			
31	5. TROJAN	\$	2,200	93.82%	\$	2,064	6.18%	\$	136			
32	6. WNP #1	\$	163,589	93.82%	\$	153,481	6.18%	\$	10,108			
33	7. WNP #2	\$	503,533	92.82%	\$	467,394	6.18%	\$	31,111	1.00%	\$	5,027
34	8. WNP #3	\$	139,704	93.82%	\$	131,072	6.18%	\$	8,632			
35	9. SYSTEM AUGMENTATION	\$	348,990	92.82%	\$	323,943	6.18%	\$	21,563	1.00%	\$	3,484
36	10. BALANCING POWER PURCHASES	\$	63,288	92.82%	\$	58,746	6.18%	\$	3,910	1.00%	\$	632
37	11. TOTAL FEDERAL BASE SYSTEM	\$	2,221,576		\$	2,068,164		\$	137,262		\$	16,150
38												
39	12. NEW RESOURCES											
40	13. IDAHO FALLS	\$	2,788	92.82%	\$	2,587	6.18%	\$	172	1.00%	\$	28
41	14. COWLITZ FALLS	\$	14,354	92.82%	\$	13,324	6.18%	\$	887	1.00%	\$	143
42	15. OTHER NEW RESOURCES PURCHASES	\$	66,719	92.82%	\$	61,931	6.18%	\$	4,122	1.00%	\$	666
43	16. TOTAL NEW RESOURCES	\$	83,861		\$	77,842		\$	5,181		\$	837
44												
45	17. RESIDENTIAL EXCHANGE	\$	2,002,596	100.00%	\$	2,002,596						
46												
47	18. CONSERVATION	\$	197,719	93.82%	\$	185,503	6.18%	\$	12,216			
48												
49	19. OTHER GENERATION COSTS											
50	20. BPA PROGRAMS	\$	151,599	92.82%	\$	140,718	6.18%	\$	9,367	1.00%	\$	1,514
51	21. WNP #3 PLANT	\$	-					\$	-			
52	22. TOTAL OTHER GENERATION COSTS	\$	151,599		\$	140,718		\$	9,367		\$	1,514
53												
54	23. TOTAL GENERATION COSTS	\$	4,657,350		\$	4,474,823		\$	164,027		\$	18,500
55												
56					\$	-		\$	-		\$	-
57	24. TRANSMISSION COSTS											
58	25. TBL TRANSMISSION/ANCILLARY SERVICES	\$	121,472	100.00%	\$	121,472						
59	26. 3RD PARTY TRANS/ANCILLARY SERVICES	\$	1,000	100.00%	\$	1,000						
60	27. GENERAL TRANSFER AGREEMENTS	\$	50,690	100.00%	\$	50,690						
61	28. TOTAL TRANSMISSION COSTS		173,162			173,162						
62												
63	29. TOTAL PBL REVENUE REQUIREMENT	\$	4,830,512		\$	4,647,985		\$	182,527			

	B	C	D	E	F	G	H	I					
2	Table 1.3.9							COSA 09					
3													
4	COST OF SERVICE ANALYSIS												
5													
6	Functionalized Revenue Credits												
7	Test Period October 2009 - September 2015												
8													
9													
10			FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015					
11													
12	Downstream Benefits & Storage	\$	8,921	\$	8,921	\$	8,571	\$	8,568	\$	8,568		
13	4(h)(10)(c) Credit	\$	88,705	\$	89,975	\$	94,645	\$	93,020	\$	94,994	\$	96,772
14	Colville & Spokane Settlements	\$	4,600	\$	4,600	\$	4,600	\$	4,600	\$	4,600	\$	4,600
15	Network Wind Integration&Shaping	\$	1,905	\$	1,905	\$	-	\$	-	\$	-	\$	-
16	Misc. Revenues	\$	3,420	\$	3,420	\$	3,420	\$	3,420	\$	3,420	\$	3,420
17	Green Tags	\$	5,040	\$	5,040	\$	-	\$	404	\$	-	\$	-
18	Network Wind Integration&Shaping	\$	180,452	\$	215,811	\$	215,811	\$	215,811	\$	215,811	\$	215,811
19	Ad Hoc Adjustment to Gen Inputs	\$	(34,620)	\$	(34,620)	\$	(34,620)	\$	(34,620)	\$	(34,620)	\$	(34,620)
20	Total	\$	258,424	\$	295,052	\$	292,777	\$	291,205	\$	292,774	\$	294,551
21													
22													
23													
24	Table 1.3.10							COSA 09A					
25													
26	COST OF SERVICE ANALYSIS												
27													
28	Allocation of EE Revenue Credits to Conservation Costs												
29	Test Period October 2009 - September 2015												
30													
31													
32			FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015					
33													
34	Conservation Expense Before EE Revenues	\$	197,719	\$	192,151	\$	180,086	\$	186,298	\$	186,240	\$	178,979
35	Energy Efficiency Revenues	\$	(20,500)	\$	(20,500)	\$	(20,500)	\$	(20,500)	\$	(20,500)	\$	(20,500)
36	Net Conservation Expense	\$	177,219	\$	171,651	\$	159,586	\$	165,798	\$	165,740	\$	158,479
37													

	B	C	D	E	F	G	H	I	J	K
6	Table 1.4.1					ALLOCATE 01				
7										
8	Energy Allocation Factors w/ Res Exch									
9	Average Megawatts									
10										
11		2010	2011	2012	2013	2014	2015			
12	Federal Base System									
13	Total Usage									
14	Priority Firm.....	12039	12119	12372	12537	12807	13016			
15	Industrial Firm.....	413	413	413	413	413	413			
16	New Resource Firm.....	0	0	0	0	0	0			
17	Surplus Firm Other.....	613	586	177	177	172	172			
18	Total.....	13065	13118	12962	13128	13392	13601			
19	Federal Base System									
20	Priority Firm.....	8399	8399	8211	8278	8430	8503			
21	Industrial Firm.....	0	0	0	0	0	0			
22	New Resource Firm.....	0	0	0	0	0	0			
23	Surplus Firm Other.....	0	0	0	0	0	0			
24	Total.....	8399	8399	8211	8278	8430	8503			
25	Residential Exchange									
26	Priority Firm.....	3640	3720	4161	4259	4378	4514			
27	Industrial Firm.....	374	373	343	347	343	340			
28	New Resource Firm.....	0	0	0	0	0	0			
29	Surplus Firm Other.....	555	528	147	149	142	141			
30	Total.....	4569	4621	4651	4754	4864	4995			
31	New Resource									
32	Priority Firm.....	0	0	0	0	0	0			
33	Industrial Firm.....	44	45	86	81	82	82			
34	New Resource Firm.....	0	0	0	0	0	0			
35	Surplus Firm Other.....	65	63	37	35	34	34			
36	Total.....	108	108	123	116	116	116			
37	Conservation									
38	Priority Firm.....	12039	12119	12372	12537	12807	13016			
39	Industrial Firm.....	413	413	413	413	413	413			
40	New Resource Firm.....	0	0	0	0	0	0			
41	Surplus Firm Other.....	613	586	177	177	172	172			
42	Total.....	13065	13118	12962	13128	13392	13601			

	B	C	D	E	F	G	H	I	J
1	Table 1.4.2								ALLOCATE 02
2									
3	Initial Rate Pool Cost Allocation								
4									
5									
6		<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>		
7	CLASSES OF SERVICE								
8	Power Rates								
9	Priority Firm - Preference								
10	FBS	\$ 2,221,576	\$ 2,405,312	\$ 2,308,591	\$ 2,500,180	\$ 2,522,595	\$ 2,758,308		
11	NR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
12	Exchange	\$ 1,595,452	\$ 1,664,414	\$ 1,898,168	\$ 1,958,170	\$ 2,047,298	\$ 2,150,534		
13	conservation	\$ 163,296	\$ 158,579	\$ 152,313	\$ 158,338	\$ 158,501	\$ 151,665		
14	BPA programs	\$ 299,247	\$ 300,567	\$ 319,663	\$ 320,885	\$ 326,745	\$ 332,287		
15	Total	\$ 4,279,572	\$ 4,528,872	\$ 4,678,735	\$ 4,937,573	\$ 5,055,140	\$ 5,392,793		
16	Industrial Firm Power								
17	FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
18	NR	\$ 33,771	\$ 34,992	\$ 79,889	\$ 80,951	\$ 82,500	\$ 83,126		
19	Exchange	\$ 163,956	\$ 166,771	\$ 156,592	\$ 159,375	\$ 160,569	\$ 162,011		
20	conservation	\$ 5,607	\$ 5,409	\$ 5,089	\$ 5,220	\$ 5,115	\$ 4,816		
21	BPA programs	\$ 10,274	\$ 10,251	\$ 10,680	\$ 10,579	\$ 10,545	\$ 10,552		
22	Total	\$ 213,608	\$ 217,422	\$ 252,250	\$ 256,125	\$ 258,729	\$ 260,505		
23	New Resources Firm								
24	FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
25	NR	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0		
26	Exchange	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0		
27	conservation	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0		
28	BPA programs	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0		
29	Total	\$ 0							
30	Surplus Firm Power								
31	FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
32	NR	\$ 50,090	\$ 49,580	\$ 34,281	\$ 34,741	\$ 34,239	\$ 34,491		
33	Exchange	\$ 243,187	\$ 236,298	\$ 67,195	\$ 68,398	\$ 66,639	\$ 67,222		
34	conservation	\$ 8,316	\$ 7,663	\$ 2,184	\$ 2,240	\$ 2,123	\$ 1,998		
35	BPA programs	\$ 15,239	\$ 14,525	\$ 4,583	\$ 4,540	\$ 4,376	\$ 4,378		
36	Total	\$ 316,832	\$ 308,066	\$ 108,242	\$ 109,919	\$ 107,377	\$ 108,090		
37									
38	Total Revenue Requirement	\$ 4,810,012	\$ 5,054,360	\$ 5,039,227	\$ 5,303,617	\$ 5,421,246	\$ 5,761,389		
39									
40	1/ Note: Conservation expense from COSA 06 Tables reduced by EE Revenues in Table COSA 09A.								

	B	C	D	E	F	G	H	I	J	K				
2	Table 1.5.1									RDS 11				
3														
4	Rate Design Study													
5														
6	Allocation of Secondary and Other Revenue Credits													
7	Test Period October 2009 - September 2015													
8														
9														
10				<u>FY 2010</u>		<u>FY 2011</u>		<u>FY 2012</u>		<u>FY 2013</u>		<u>FY 2014</u>		<u>FY 2015</u>
11														
12	Forecast of Gross Secondary Revenues	\$	775,132	\$	904,674	\$	965,565	\$	982,053	\$	1,020,767	\$	1,061,950	
13	7b3 Costs Allocated to Secondary Revenues	\$	(183,927)	\$	(184,105)	\$	(172,051)	\$	(169,983)	\$	(171,540)	\$	(171,040)	
14	Secondary Revenues After 7b3 Allocation	\$	591,206	\$	720,569	\$	793,513	\$	812,071	\$	849,227	\$	890,910	
15														
16														
17				<u>FY 2010</u>		<u>FY 2011</u>		<u>FY 2012</u>		<u>FY 2013</u>		<u>FY 2014</u>		<u>FY 2015</u>
18	Allocation of Secondary Revenues Credit													
19	Priority Firm.....	\$	(591,206)	\$	(720,569)	\$	(793,513)	\$	(812,071)	\$	(849,227)	\$	(890,910)	
20	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
21	New Resource Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
22	Surplus Firm Other.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
23	Total.....	\$	(591,206)	\$	(720,569)	\$	(793,513)	\$	(812,071)	\$	(849,227)	\$	(890,910)	
24														
25														
26														
27				<u>FY 2010</u>		<u>FY 2011</u>		<u>FY 2012</u>		<u>FY 2013</u>		<u>FY 2014</u>		<u>FY 2015</u>
28														
29	Total Other Revenue Credits	\$	258,424	\$	295,052	\$	292,777	\$	291,205	\$	292,774	\$	294,551	
30														
31														
32				<u>FY 2010</u>		<u>FY 2011</u>		<u>FY 2012</u>		<u>FY 2013</u>		<u>FY 2014</u>		<u>FY 2015</u>
33	Allocation of Other Revenue Credits													
34	Priority Firm.....	\$	(258,424)	\$	(295,052)	\$	(292,777)	\$	(291,205)	\$	(292,774)	\$	(294,551)	
35	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
36	New Resource Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
37	Surplus Firm Other.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
38	Total.....	\$	(258,424)	\$	(295,052)	\$	(292,777)	\$	(291,205)	\$	(292,774)	\$	(294,551)	
39														

	B	C	D	E	F	G	H	I	J	K			
2	Table 1.5.2									RDS 17			
3													
4	Rate Design Study												
5													
6	Surplus Firm Power Revenues (Surplus)/Shortfall												
7	Test Period October 2009 - September 2015												
8													
9													
10													
11	FPS (Surplus)/Shortfall			<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>				
12													
13	Costs allocated to FPS contract sales	\$	316,832	\$	308,066	\$	108,242	\$	109,919	\$	107,377	\$	108,090
14	Expected Revenue from FPS contract sales	\$	(99,492)	\$	(89,795)	\$	(31,435)	\$	(30,961)	\$	(30,961)	\$	(30,961)
15	FPS Pre-Sub Contract Revenue	\$	(38,281)	\$	(35,895)	\$	(4,919)	\$	(4,797)	\$	(4,839)	\$	(4,878)
16	(Surplus)/Shortfall	\$	179,059	\$	182,376	\$	71,888	\$	74,161	\$	71,577	\$	72,251
17													
18	Secondary Revenues allocated to FPS	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
19	Revenue Credits allocated to FPS	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
20													
21	FPS (Surplus)/Shortfall	\$	179,059	\$	182,376	\$	71,888	\$	74,161	\$	71,577	\$	72,251
22													
23													
24													
25	Rate Design Study												
26	Allocation of FPS (Surplus)/Shortfall												
27	Test Period October 2006 - September 2009												
28													
29													
30				<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>				
31	Allocation of FPS (Surplus)/Shortfall												
32	Priority Firm.....	\$	179,059	\$	182,376	\$	71,888	\$	74,161	\$	71,577	\$	72,251
33	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
34	New Resource Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
35	Surplus Firm Other.....	\$	(179,059)	\$	(182,376)	\$	(71,888)	\$	(74,161)	\$	(71,577)	\$	(72,251)
36	Total.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
37													

	B	C	D	E	F	G	H	I	J	K	L		
2	Table 1.5.3										RDS 19		
3													
4	Rate Design Study												
5													
6	Summary of Initial Allocations												
7	Test Period October 2009 - September 2015												
8													
9					FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015			
10	Allocation of Revenue Requirement												
11	Priority Firm.....	\$	4,279,572	\$	4,528,872	\$	4,678,735	\$	4,937,573	\$	5,055,140	\$	5,392,793
12	Industrial Firm.....	\$	213,608	\$	217,422	\$	252,250	\$	256,125	\$	258,729	\$	260,505
13	New Resource Firm.....	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0
14	Surplus Firm Other.....	\$	316,832	\$	308,066	\$	108,242	\$	109,919	\$	107,377	\$	108,090
15	Total.....	\$	4,810,012	\$	5,054,360	\$	5,039,227	\$	5,303,617	\$	5,421,246	\$	5,761,389
16													
17	Allocation of Secondary Revenues Credit												
18	Priority Firm.....	\$	(591,206)	\$	(720,569)	\$	(793,513)	\$	(812,071)	\$	(849,227)	\$	(890,910)
19	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
20	New Resource Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
21	Surplus Firm Other.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
22	Total.....	\$	(591,206)	\$	(720,569)	\$	(793,513)	\$	(812,071)	\$	(849,227)	\$	(890,910)
23													
24	Allocation of other Revenues Credits												
25	Priority Firm.....	\$	(258,424)	\$	(295,052)	\$	(292,777)	\$	(291,205)	\$	(292,774)	\$	(294,551)
26	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
27	New Resource Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
28	Surplus Firm Other.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
29	Total.....	\$	(258,424)	\$	(295,052)	\$	(292,777)	\$	(291,205)	\$	(292,774)	\$	(294,551)
30													
31	Allocation of FPS (Surplus)/Shortfall												
32	Priority Firm.....	\$	179,059	\$	182,376	\$	71,888	\$	74,161	\$	71,577	\$	72,251
33	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
34	New Resource Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
35	Surplus Firm Other.....	\$	(179,059)	\$	(182,376)	\$	(71,888)	\$	(74,161)	\$	(71,577)	\$	(72,251)
36	Total.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
38													
39					FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015			
40	Low Density Discount												
41	Priority Firm.....	\$	28,303	\$	28,646	\$	28,646	\$	28,646	\$	28,646	\$	28,646
42													
43	Irrigation Rate Mitigation.....												
44	Priority Firm.....	\$	12,036	\$	12,036	\$	12,036	\$	12,036	\$	12,036	\$	12,036
45													
46					FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015			
47	Initial Allocation												
48	Priority Firm.....	\$	3,649,340	\$	3,736,308	\$	3,705,014	\$	3,949,140	\$	4,025,398	\$	4,320,265
49	Industrial Firm.....	\$	213,608	\$	217,422	\$	252,250	\$	256,125	\$	258,729	\$	260,505
50	New Resource Firm.....	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0
51	Surplus Firm Other.....	\$	137,774	\$	125,690	\$	36,354	\$	35,758	\$	35,800	\$	35,839
52	Total.....	\$	4,000,721	\$	4,079,420	\$	3,993,619	\$	4,241,023	\$	4,319,927	\$	4,616,609
53													
54													

	A	B	C	D	E	F	G	H	I	J
2	Table 1.5.5									RDS 23
3	RATE DESIGN STUDY									
4	Industrial Firm Power Floor Rate Calculation									
5	Test Period October 2009 - September 2015									
6	Example Fiscal Year 2010									
7	(\$ Thousands)									
8		A	B	C	D	E	F			
9		DEMAND		ENERGY		Customer	Total/			
10		<u>Winter</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Charge</u>	<u>Average</u>			
11		(Dec-Apr)	(May-Nov)	(Sep-Mar)	(Apr-Aug)					
12	1	IP Billing Determinants	2,010	2,814	2,045	1,476	4,824	3,522		
13	2	IP-83 Rates	4.62	2.21	14.70	12.20	7.34			
14	3	Revenue	9,286	6,219	30,067	18,009	35,408	98,989		
15	4									
16	5	Exchange Adj Clause for OY 1985								
17	6	New ASC Effective Jul 1, 1984								
18	7	Actual Total Exchange Cost (AEC)	938,442							
19	8	Actual Exchange Revenue (AER)	772,029							
20	9	Forecasted Exchange Cost (FEC)	1,088,690							
21	10	Forecasted Exchange Revenue (FER)	809,201							
22	11	Total Under/Over-recovery (TAR)								
23	12	(TAR=(AEC-AER)-(FEC-FER))	(113,076)							
24	13	Exchange Cost Percentage for IP (ECP)	0.521							
25	14	Rebate or Surcharge for IP (CCEA=TAR*ECP)	(58,913)							
26	15	OY 1985 IP Billing Determinants	24,368							
27	16									
28	17	OY 1985 DSI Transmission Costs	92,960							
29	18									
30	19	Adjustment for Transmission Costs	(3.81)							
31	20	Adjustment for the Exchange (mills/kWh)	(2.42)							
32	21	Adjustment for the Deferral (mills/kWh)	(0.90)							
33	22	IP-83 Average Rate (mills/kWh)	28.11							
34	23	Floor Rate (mills/kWh)	20.98							
35										
36										
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51	Table 1.5.6									RDS 24
52	RATE DESIGN STUDY									
53	Industrial Firm Power Floor Rate Test									
54	Test Period October 2009 - September 2015									
55	(\$ Thousands)									
56		A	B	C	D	E	F			
57		Unbundled		Generation						
58		Requirements	Transmission	Demand	Energy		Average			
59		<u>Products</u>	<u>Total</u>	<u>Total</u>	<u>Total</u>	<u>Total</u>	<u>Rate</u>			
60										
61	1	IP Billing Determinants			3,521.520					
62	2	Floor Rate (mills/kWh)			20.98					
63	3	Value of Reserves Credit (mills/kWh)								
64	4	Revenue at Floor Rate Less VOR Credit			73,889.223	73,889.223	20.98			
65	5	IP Revenue Under Proposed Rates	0	0	9,193.740	117,453.271	126,647.011	35.96		
66	6	Difference					0			
67										
68										
69										
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
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2. 7(b)(2) CASE RATES ANALYSIS MODEL

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Description of Ratemaking Tables

7(b)(2) Rate Test 7(b)(2) Case

Table 2.1 (7b2 Sales_01)

7(b)(2) Case Load Forecast, FY2010-15.

GWh energy sales and peak kW/mo. demand amounts for each month of the 7(b)(2) Rate Test Period FY 2010-2015. 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 2.2.1 (7B2 Resource_01)

Section 7(b)(2) Load Resource Balance Calculation, FY2010-15.

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 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 or purchased by 7(b)(2) Customers and are not dedicated to serve regional loads under 5(b). Programmatic conservation resources for FY2001-2015 are also included.

Table 2.2.3 (7B2 Resource_03)

7(b)(2) Resources Sorted by Least Cost.

Table lists 7(b)(2) resources available to serve load in the 7(b)(2) Case. Individual resource output and cumulative output are listed. First year cost for each resource is listed along with the cumulative first year costs. For conservation resources, the first year cost is the programmatic costs expensed in the first year along with the first year's portion of the capitalized expense. For non-conservation resources, the first year cost is that year's portion of the capitalized cost. Also listed are the annual second year costs and the levelized cost that is used in the sorting process.

Description of Ratemaking Tables

7(b)(2) Rate Test 7(b)(2) Case

Table 2.2.4 (7B2 Resource_04)

Conservation Resources aMW Selected.

Table lists the conservation resources selected in each year and the total amount selected in each year. The amount of conservation selected in each year will affect the 7(b)(2) Customer load in that year. The original 7(b)(2) Customer load is increased for conservation saving that is assumed not to have occurred. If a conservation resource is selected from the 7(b)(2) resource stack, its costs go into the revenue requirement and the 7(b)(2) Customer loads are then reduced by the amount of the resource selected.

Table 2.2.5 (7B2 Resource_05)

Real Dollar Cost of Resources Selected.

Table lists costs of resources selected from the 7(b)(2) resource stack in real 2010 dollars. The costs are listed for each year in which the resource is used to serve load. The costs shown are before accounting for the amortization of the first year expensed portion of the conservation resources selected.

Table 2.2.6 (7B2 Resource_06)

Nominal Amortized Cost of Expensed Portion of Conservation Resources Selected.

Table lists the annual payments associated with amortizing the first year expensed portion of conservation resource costs over a five-year period. A mortgage payment calculation was used.

Table 2.2.7 (7B2 Resource_07)

Nominal Annual Cost of Capital Portion of Conservation Resources Selected.

Table lists the annual payments associated with the capitalized portion of conservation resource costs over the fifteen-year life of each resource. A mortgage payment calculation was used.

Table 2.2.8 (7B2 Resource_08)

Nominal Total Annual Cost of All Resources Selected.

Table lists the total nominal cost of resources selected for each year in which they serve 7(b)(2) Customer load. The annual totals are also shown.

Description of Ratemaking Tables

7(b)(2) Rate Test 7(b)(2) Case

Table 2.2.9 (7B2 Resource_09)

Calculation of Annual Credit for the Sale of Excess 7(b)(2) Resource Capability.

Table calculates the portion of the last resource selected in each year that is in excess of need. The excess capability is assumed to be sold at the levelized cost of the last resource selected in that year. The recovered cost of the last annual resource is then credited to the total cost of resources selected in each year and the net resource costs are input to the revenue requirement for each year.

Table 2.3.1 to Table 2.3.6 (COSA_06)

Itemized Revenue Requirements, FY2010-15.

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

Table 2.3.7 (COSA_08)

Classified Revenue Requirement, FY2010.

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 2.3.8 (COSA_09)

Functionalized Revenue Credits, FY2010-15.

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 2.4.1 (ALLOCATE 01)

Energy Allocation Factors (EAF), FY2010-15.

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 2.4.2 (ALLOCATE 02) Initial Rate Pool Cost Allocation, FY2010-15.

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

Description of Ratemaking Tables

7(b)(2) Rate Test 7(b)(2) Case

Table 2.5.1 (RDS_11)

Allocation of Secondary Revenues and Other Revenue Credits, FY2010-15.

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 2.5.2 (RDS_17)

Calculation of FPS (Surplus)/Shortfall, FY2010-15.

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 2.5.3 (RDS_19)

Summary of Initial Cost Allocations, FY2010-15.

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 2.6 (RDS_50)

Calculation of 7(b)(2) Case PF Preference Rate Components, FY2010.

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 2010.

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
2	Table 2.1															7b2 Sales 01
3																
4	7(b)(2) Case Load Forecast															
5	(The forecast has been adjusted for conservation resources brought on from resource stack.)															
6																
7			<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>		
8	2010	HLH	3195	3466	3831	3807	3429	3428	3040	3255	3154	3240	3345	3027	40219	7708
9		LLH	2038	2524	2669	2749	2258	2190	1980	2355	1999	2286	2161	2098	27307	
10		Demand	8707	9624	9990	10473	10034	8914	8122	8127	7619	8461	8170	7920	106162	
11			<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>		
12	2011	HLH	3176	3575	3872	3849	3477	3458	3008	3190	3081	3248	3432	3063	40430	7733
13		LLH	2109	2476	2692	2774	2286	2217	1945	2304	1962	2321	2121	2107	27313	
14		Demand	8806	9762	10116	10597	10158	9021	8032	7982	7476	8506	8284	8014	106755	
15			<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>		
16	2012	HLH	3264	3678	3939	3926	3637	3542	3111	3442	3274	3383	3537	3100	41831	7969
17		LLH	2132	2502	2764	2842	2338	2242	2067	2335	2055	2360	2160	2183	27980	
18		Demand	9361	10398	10753	11329	10831	9600	8723	8786	8146	9055	8748	8481	114210	
19			<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>		
20	2013	HLH	3353	3711	3975	4082	3594	3532	3198	3403	3166	3468	3578	3136	42197	8009
21		LLH	2098	2531	2801	2770	2324	2313	2039	2317	2057	2322	2182	2205	27959	
22		Demand	9480	10517	10861	11435	10913	9720	8833	8717	7999	9151	8866	8594	115085	
23			<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>		
24	2014	HLH	3393	3771	4046	4145	3653	3574	3252	3524	3319	3528	3587	3243	43035	8165
25		LLH	2134	2558	2848	2811	2361	2338	2072	2397	2153	2372	2264	2184	28490	
26		Demand	9591	10639	11033	11590	11058	9810	8959	9005	8365	9306	8998	8718	117072	
27			<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>		
28	2015	HLH	3456	3763	4170	4208	3713	3610	3299	3471	3312	3558	3629	3288	43476	8246
29		LLH	2160	2656	2835	2839	2397	2371	2101	2437	2073	2379	2300	2212	28760	
30		Demand	9727	10773	11184	11721	11186	9910	9069	8984	8218	9352	9111	8826	118061	
31																
32	Section 7(b)(2) PF Load includes any within/adjacent DSI Load and additional load due to unrealized conservation programs															

	C	D	E	F	G	H	I	J	K	L	M
2						Table 2.2.1			7b2 Resource_01		
3											
4	Section 7(b)(2) Load Resource Balance Calculation										
5	(aMW)										
6											
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
2	Table 2.2.2														7b2 Resource_02
3															
4	All Costs are in 1980 dollars														
5	Example of 7(b)(2) Resource Stack														
6	A	B	C	D	E	F	G	H	I	J	K	L	M	M	
7										Annual	Total	Total	Total Cost	Total Cost	
8			Interest	Capital	Annual	Annual	Year	Capacity		Capital	Discounted	Discounted	Dollars	Mills	
9	Project	Nameplate	Rate	Investment	O & M	Fuel	Available	Factor	Life	Cost	Capital Cost	O & M and Fuel	per AMW	per KWH	
10		(MW)	(%)	(\$ooo)	(\$ooo)	(\$ooo)				(\$ooo)	(\$ooo)	(\$ooo)	(\$)		
11	BPA & Public resources														
12	*** The following resources are listed least cost first														
13															
14	BPA PROG CONS	2004	31.4	4.57	22,724	18,502	0	\$4,132	100	15	2,126	20,731	\$17,432	81,025	9.25
15	BPA PROG CONS	2001	18.7	4.57	71	24,855	0	\$5,550	100	15	7	65	\$23,418	83,717	9.56
16	IDAHO FALLS ND	1982	18.5	0.00	0	6,115	0	0	100	60	0	0	99,718	89,836	10.26
17	BPA PROG CONS	2006	30.2	4.57	16,438	30,761	0	\$6,869	100	15	1,538	14,996	\$28,982	97,082	11.08
18	BPA PROG CONS	2007	28.5	4.57	11,454	41,500	0	\$9,267	100	15	1,072	10,449	\$39,100	115,903	13.23
19	BPA PROG CONS	2003	25.2	4.57	27,500	20,758	0	\$4,635	100	15	2,573	25,088	\$19,558	118,109	13.48
20	BPA PROG CONS	2005	20.0	4.57	16,720	25,443	0	\$5,682	100	15	1,564	15,253	\$23,972	130,750	14.93
21	BPA PROG CONS	2002	26.1	4.57	34,587	21,005	0	\$4,690	100	15	3,236	31,553	\$19,790	131,145	14.97
22	BPA PROG CONS	2008	34.8	4.57	8,214	65,071	0	\$14,531	100	15	769	7,493	\$61,308	131,804	15.05
23	BOARDMAN PUBLIC ND	1980	49.71	0.00	0	16104	0	0	100	30	0	0	223,099	149,601	17.08
24	COWLITZ FALLS	1994	26.0	4.25	0	3,598	0	0	100	60	11,620	189,488	58,673	159,077	18.16
25	BPA PROG CONS	2009	40.1	4.57	27,760	77,167	0	\$17,232	100	15	2,597	25,324	\$72,704	162,974	18.60
26	BPA PROG CONS	2015	38.8	4.57	43,034	83,127	0	\$18,562	100	15	4,026	39,259	\$78,320	202,026	23.06
27	BPA PROG CONS	2014	38.8	4.57	43,899	83,935	0	\$18,743	100	15	4,107	40,048	\$79,082	204,689	23.37
28	BPA PROG CONS	2013	38.8	4.57	44,788	84,925	0	\$18,964	100	15	4,190	40,859	\$80,014	207,685	23.71
29	BPA PROG CONS	2012	38.8	4.57	45,700	85,910	0	\$19,184	100	15	4,276	41,691	\$80,942	210,709	24.05
30	BPA PROG CONS	2011	34.6	4.57	38,325	84,552	0	\$18,881	100	15	3,586	34,963	\$79,663	220,858	25.21
31	BPA PROG CONS	2010	31.2	4.57	32,300	85,546	0	\$19,103	100	15	3,022	29,466	\$80,599	235,183	26.85
32	BILLING CREDITS	1996	10.1	0.00	0	0	0	0	100	30	5,268	72,981	0	239,911	27.39
33	WAUNA-Steam-Cogen.	1996	21.7	0.00	0	11463	0	0	100	30	0	0	158,811	243,950	27.85

	B	C	D	E	F	G	H	I	J
2	Table 2.2.3								7b2 Resource_03
3									
4	Resources Sorted by Least Cost								
5									
6									
7									
8				<u>AMW</u>	<u>Cum.</u>	<u>Annual</u>	<u>Cum.</u>	<u>Annual</u>	<u>Levelized</u>
9				<u>output</u>	<u>output</u>	<u>Costs</u>	<u>Costs</u>	<u>Costs</u>	<u>Costs</u>
10						<u>2010 \$s</u>	<u>2010 \$s</u>	<u>2nd Yr.</u>	<u>2010 \$/MWh</u>
11	Resource 01	BPA PROG CONS		32	32	\$ 20,628	\$ 20,628	\$ 2,126	\$ 9.25
12	Resource 02	BPA PROG CONS		19	52	\$ 24,862	\$ 45,490	\$ 7	\$ 9.56
13	Resource 03	IDAHO FALLS ND		19	70	\$ 6,115	\$ 51,605	\$ 6,115	\$ 10.26
14	Resource 04	BPA PROG CONS		31	101	\$ 32,299	\$ 83,904	\$ 1,538	\$ 11.08
15	Resource 05	BPA PROG CONS		29	130	\$ 42,571	\$ 126,475	\$ 1,072	\$ 13.23
16	Resource 06	BPA PROG CONS		26	156	\$ 23,331	\$ 149,806	\$ 2,573	\$ 13.48
17	Resource 07	BPA PROG CONS		21	177	\$ 27,007	\$ 176,813	\$ 1,564	\$ 14.93
18	Resource 08	BPA PROG CONS		27	204	\$ 24,241	\$ 201,054	\$ 3,236	\$ 14.97
19	Resource 09	BPA PROG CONS		36	239	\$ 65,839	\$ 266,894	\$ 769	\$ 15.05
20	Resource 10	BOARDMAN PUBLIC ND		50	289	\$ 16,104	\$ 282,998	\$ 16,104	\$ 17.08
21	Resource 11	COWLITZ FALLS		26	315	\$ 15,218	\$ 298,216	\$ 15,218	\$ 18.16
22	Resource 12	BPA PROG CONS		41	356	\$ 79,764	\$ 377,980	\$ 2,597	\$ 18.60
23	Resource 13	BPA PROG CONS		40	396	\$ 87,153	\$ 465,133	\$ 4,026	\$ 23.06
24	Resource 14	BPA PROG CONS		40	436	\$ 88,042	\$ 553,175	\$ 4,107	\$ 23.37
25	Resource 15	BPA PROG CONS		40	476	\$ 89,115	\$ 642,290	\$ 4,190	\$ 23.71
26	Resource 16	BPA PROG CONS		40	516	\$ 90,185	\$ 732,476	\$ 4,276	\$ 24.05
27	Resource 17	BPA PROG CONS		36	552	\$ 88,138	\$ 820,614	\$ 3,586	\$ 25.21
28	Resource 18	BPA PROG CONS		32	584	\$ 88,568	\$ 909,182	\$ 3,022	\$ 26.85
29	Resource 19	BILLING CREDITS		10	594	\$ 5,268	\$ 914,450	\$ 5,268	\$ 27.39
30	Resource 20	WAUNA-Steam-Cogen.		22	615	\$ 11,463	\$ 925,913	\$ 11,463	\$ 27.85

	B	C	D	E	F	G	H	I	
2	Table 2.2.4							7b2 Resource_04	
3									
4	Conservation aMW Selected								
5									
6									
7									
8									
9			<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	
9	Resource 01	BPA PROG CONS	32.3	32.3	32.3	32.3	32.3	32.3	
10	Resource 02	BPA PROG CONS	19.2	19.2	19.2	19.2	19.2	19.2	
11	Resource 03	IDAHO FALLS ND	0.0	0.0	0.0	0.0	0.0	0.0	
12	Resource 04	BPA PROG CONS	31.1	31.1	31.1	31.1	31.1	31.1	
13	Resource 05	BPA PROG CONS	29.3	29.3	29.3	29.3	29.3	29.3	
14	Resource 06	BPA PROG CONS	25.9	25.9	25.9	25.9	25.9	25.9	
15	Resource 07	BPA PROG CONS	20.6	20.6	20.6	20.6	20.6	20.6	
16	Resource 08	BPA PROG CONS	26.8	26.8	26.8	26.8	26.8	26.8	
17	Resource 09	BPA PROG CONS	35.8	35.8	35.8	35.8	35.8	35.8	
18	Resource 10	BOARDMAN PUBLIC ND	0.0	0.0	0.0	0.0	0.0	0.0	
19	Resource 11	COWLITZ FALLS	0.0	0.0	0.0	0.0	0.0	0.0	
20	Resource 12	BPA PROG CONS	41.2	41.2	41.2	41.2	41.2	41.2	
21	Resource 13	BPA PROG CONS	0.0	39.9	39.9	39.9	39.9	39.9	
22	Resource 14	BPA PROG CONS	0.0	0.0	39.9	39.9	39.9	39.9	
23	Resource 15	BPA PROG CONS	0.0	0.0	0.0	39.9	39.9	39.9	
24	Resource 16	BPA PROG CONS	0.0	0.0	0.0	0.0	39.9	39.9	
25	Resource 17	BPA PROG CONS	0.0	0.0	0.0	0.0	0.0	35.6	
26	Resource 18	BPA PROG CONS	0.0	0.0	0.0	0.0	0.0	0.0	
27	Resource 19	BILLING CREDITS	0.0	0.0	0.0	0.0	0.0	0.0	
28	Resource 20	WAUNA-Steam-Cogen.	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
32									
33	Total Conservation Selected		262.2	302.1	342.0	381.9	421.8	457.3	

	B	C	D	E	F	G	H	I	
2	Table 2.2.5							7b2 Resource_05	
3									
4	Real Dollar Cost of Resources Selected								
5	(Before Amortization of Expensed Conservation)								
6									
7									
8			<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	
9									
10	Resource 01	BPA PROG CONS	\$ 20,628	\$ 2,126	\$ 2,126	\$ 2,126	\$ 2,126	\$ 2,126	
11	Resource 02	BPA PROG CONS	\$ 24,862	\$ 7	\$ 7	\$ 7	\$ 7	\$ 7	
12	Resource 03	IDAHO FALLS ND	\$ 6,115	\$ 6,115	\$ 6,115	\$ 6,115	\$ 6,115	\$ 6,115	
13	Resource 04	BPA PROG CONS	\$ 32,299	\$ 1,538	\$ 1,538	\$ 1,538	\$ 1,538	\$ 1,538	
14	Resource 05	BPA PROG CONS	\$ 42,571	\$ 1,072	\$ 1,072	\$ 1,072	\$ 1,072	\$ 1,072	
15	Resource 06	BPA PROG CONS	\$ 23,331	\$ 2,573	\$ 2,573	\$ 2,573	\$ 2,573	\$ 2,573	
16	Resource 07	BPA PROG CONS	\$ 27,007	\$ 1,564	\$ 1,564	\$ 1,564	\$ 1,564	\$ 1,564	
17	Resource 08	BPA PROG CONS	\$ 24,241	\$ 3,236	\$ 3,236	\$ 3,236	\$ 3,236	\$ 3,236	
18	Resource 09	BPA PROG CONS	\$ 65,839	\$ 769	\$ 769	\$ 769	\$ 769	\$ 769	
19	Resource 10	BOARDMAN PUBLIC ND	\$ 16,104	\$ 16,104	\$ 16,104	\$ 16,104	\$ 16,104	\$ 16,104	
20	Resource 11	COWLITZ FALLS	\$ 15,218	\$ 15,218	\$ 15,218	\$ 15,218	\$ 15,218	\$ 15,218	
21	Resource 12	BPA PROG CONS	\$ 79,764	\$ 2,597	\$ 2,597	\$ 2,597	\$ 2,597	\$ 2,597	
22	Resource 13	BPA PROG CONS	\$ -	\$ 87,153	\$ 4,026	\$ 4,026	\$ 4,026	\$ 4,026	
23	Resource 14	BPA PROG CONS	\$ -	\$ -	\$ 88,042	\$ 4,107	\$ 4,107	\$ 4,107	
24	Resource 15	BPA PROG CONS	\$ -	\$ -	\$ -	\$ 89,115	\$ 4,190	\$ 4,190	
25	Resource 16	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ 90,185	\$ 4,276	
26	Resource 17	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 88,138	
27	Resource 18	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
28	Resource 19	BILLING CREDITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
29	Resource 20	WAUNA-Steam-Cogen.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

	B	C	D	E	F	G	H	I	
2	Table 2.2.6							7b2 Resource_06	
3									
4	Nominal Amortized Cost of Expensed Portion of Conservation Resources Selected								
5									
6									
7									
8									
9	Resource 01	BPA PROG CONS	\$ 4,132	\$ 4,132	\$ 4,132	\$ 4,132	\$ 4,132	\$ -	
10	Resource 02	BPA PROG CONS	\$ 5,550	\$ 5,550	\$ 5,550	\$ 5,550	\$ 5,550	\$ -	
11	Resource 03	IDAHO FALLS ND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
12	Resource 04	BPA PROG CONS	\$ 6,869	\$ 6,869	\$ 6,869	\$ 6,869	\$ 6,869	\$ -	
13	Resource 05	BPA PROG CONS	\$ 9,267	\$ 9,267	\$ 9,267	\$ 9,267	\$ 9,267	\$ -	
14	Resource 06	BPA PROG CONS	\$ 4,635	\$ 4,635	\$ 4,635	\$ 4,635	\$ 4,635	\$ -	
15	Resource 07	BPA PROG CONS	\$ 5,682	\$ 5,682	\$ 5,682	\$ 5,682	\$ 5,682	\$ -	
16	Resource 08	BPA PROG CONS	\$ 4,690	\$ 4,690	\$ 4,690	\$ 4,690	\$ 4,690	\$ -	
17	Resource 09	BPA PROG CONS	\$ 14,531	\$ 14,531	\$ 14,531	\$ 14,531	\$ 14,531	\$ -	
18	Resource 10	BOARDMAN PUBLIC ND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
19	Resource 11	COWLITZ FALLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
20	Resource 12	BPA PROG CONS	\$ 17,232	\$ 17,232	\$ 17,232	\$ 17,232	\$ 17,232	\$ -	
21	Resource 13	BPA PROG CONS	\$ -	\$ 18,938	\$ 18,938	\$ 18,938	\$ 18,938	\$ 18,938	
22	Resource 14	BPA PROG CONS	\$ -	\$ -	\$ 19,522	\$ 19,522	\$ 19,522	\$ 19,522	
23	Resource 15	BPA PROG CONS	\$ -	\$ -	\$ -	\$ 20,155	\$ 20,155	\$ 20,155	
24	Resource 16	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ 20,801	\$ 20,801	
25	Resource 17	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,884	
26	Resource 18	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
27	Resource 19	BILLING CREDITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
28	Resource 20	WAUNA-Steam-Cogen.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

	B	C	D	E	F	G	H	I	
2	Table 2.2.7							7b2 Resource_07	
3									
4	Nominal Annual Cost of Capital Portion of Conservation Resources Selected								
5									
6									
7									
8									
9			<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	
9	Resource 01	BPA PROG CONS	\$ 2,126	\$ 2,126	\$ 2,126	\$ 2,126	\$ 2,126	\$ -	
10	Resource 02	BPA PROG CONS	\$ 7	\$ 7	\$ 7	\$ 7	\$ 7	\$ -	
11	Resource 03	IDAHO FALLS ND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
12	Resource 04	BPA PROG CONS	\$ 1,538	\$ 1,538	\$ 1,538	\$ 1,538	\$ 1,538	\$ -	
13	Resource 05	BPA PROG CONS	\$ 1,072	\$ 1,072	\$ 1,072	\$ 1,072	\$ 1,072	\$ -	
14	Resource 06	BPA PROG CONS	\$ 2,573	\$ 2,573	\$ 2,573	\$ 2,573	\$ 2,573	\$ -	
15	Resource 07	BPA PROG CONS	\$ 1,564	\$ 1,564	\$ 1,564	\$ 1,564	\$ 1,564	\$ -	
16	Resource 08	BPA PROG CONS	\$ 3,236	\$ 3,236	\$ 3,236	\$ 3,236	\$ 3,236	\$ -	
17	Resource 09	BPA PROG CONS	\$ 769	\$ 769	\$ 769	\$ 769	\$ 769	\$ -	
18	Resource 10	BOARDMAN PUBLIC ND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
19	Resource 11	COWLITZ FALLS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
20	Resource 12	BPA PROG CONS	\$ 2,597	\$ 2,597	\$ 2,597	\$ 2,597	\$ 2,597	\$ -	
21	Resource 13	BPA PROG CONS	\$ -	\$ 4,108	\$ 4,108	\$ 4,108	\$ 4,108	\$ 4,108	
22	Resource 14	BPA PROG CONS	\$ -	\$ -	\$ 4,278	\$ 4,278	\$ 4,278	\$ 4,278	
23	Resource 15	BPA PROG CONS	\$ -	\$ -	\$ -	\$ 4,454	\$ 4,454	\$ 4,454	
24	Resource 16	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ 4,636	\$ 4,636	
25	Resource 17	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,966	
26	Resource 18	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
27	Resource 19	BILLING CREDITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
28	Resource 20	WAUNA-Steam-Cogen.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

	B	C	D	E	F	G	H	I	
2	Table 2.2.8							7b2 Resource_08	
3									
4	Nominal Total Annual Cost of All Resources Selected								
5									
6									
7									
8									
9	Resource 01	BPA PROG CONS	\$ 6,258	\$ 6,258	\$ 6,258	\$ 6,258	\$ 6,258	\$ 2,126	
10	Resource 02	BPA PROG CONS	\$ 5,557	\$ 5,557	\$ 5,557	\$ 5,557	\$ 5,557	\$ 7	
11	Resource 03	IDAHO FALLS ND	\$ 6,115	\$ 6,239	\$ 6,369	\$ 6,499	\$ 6,631	\$ 6,764	
12	Resource 04	BPA PROG CONS	\$ 8,407	\$ 8,407	\$ 8,407	\$ 8,407	\$ 8,407	\$ 1,538	
13	Resource 05	BPA PROG CONS	\$ 10,339	\$ 10,339	\$ 10,339	\$ 10,339	\$ 10,339	\$ 1,072	
14	Resource 06	BPA PROG CONS	\$ 7,208	\$ 7,208	\$ 7,208	\$ 7,208	\$ 7,208	\$ 2,573	
15	Resource 07	BPA PROG CONS	\$ 7,246	\$ 7,246	\$ 7,246	\$ 7,246	\$ 7,246	\$ 1,564	
16	Resource 08	BPA PROG CONS	\$ 7,927	\$ 7,927	\$ 7,927	\$ 7,927	\$ 7,927	\$ 3,236	
17	Resource 09	BPA PROG CONS	\$ 15,299	\$ 15,299	\$ 15,299	\$ 15,299	\$ 15,299	\$ 769	
18	Resource 10	BOARDMAN PUBLIC ND	\$ 16,104	\$ 16,430	\$ 16,774	\$ 17,115	\$ 17,462	\$ 17,813	
19	Resource 11	COWLITZ FALLS	\$ 15,218	\$ 15,291	\$ 15,368	\$ 15,444	\$ 15,521	\$ 15,600	
20	Resource 12	BPA PROG CONS	\$ 19,829	\$ 19,829	\$ 19,829	\$ 19,829	\$ 19,829	\$ 2,597	
21	Resource 13	BPA PROG CONS	\$ -	\$ 23,046	\$ 23,046	\$ 23,046	\$ 23,046	\$ 23,046	
22	Resource 14	BPA PROG CONS	\$ -	\$ -	\$ 23,800	\$ 23,800	\$ 23,800	\$ 23,800	
23	Resource 15	BPA PROG CONS	\$ -	\$ -	\$ -	\$ 24,608	\$ 24,608	\$ 24,608	
24	Resource 16	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ 25,438	\$ 25,438	
25	Resource 17	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,850	
26	Resource 18	BPA PROG CONS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
27	Resource 19	BILLING CREDITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
28	Resource 20	WAUNA-Steam-Cogen.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
32									
33	Total Annual Cost of Selected Resources		\$ 125,506	\$ 149,074	\$ 173,426	\$ 198,581	\$ 224,575	\$ 177,400	

	C	D	E	F	G	H	I	J	
2	Table 2.2.9							7b2 Resource_09	
3									
4	Calculation of Annual Credit for the Sale of 7b2 Resource Capability in Excess of Need								
5									
6									
7			FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
8		Last Resource Selected	Resource 12	Resource 13	Resource 14	Resource 15	Resource 16	Resource 17	
9									
10									
11		Resources Selected From Resource Stack aMW	356.4	396.3	436.2	476.1	516.0	551.6	
12		Resources Needed From Resource Stack aMW	325.1	362.6	420.6	455.8	499.4	545.2	
13		Remainder	31.3	33.7	15.6	20.3	16.6	6.4	
14									
15		Last Resource Selected Levelized Cost Per MWh 2010\$	\$ 18.60	\$ 23.06	\$ 23.37	\$ 23.71	\$ 24.05	\$ 25.21	
16		Annual GDP Multiplier	1.000	1.020	1.042	1.063	1.084	1.106	
17									
18		Cost of Remander Recovered by Sales (Nominal \$000)	\$ (5,093)	\$ (6,945)	\$ (3,335)	\$ (4,488)	\$ (3,796)	\$ (1,556)	
19									
20		Total Annual Cost of Selected Resources	\$ 125,506	\$ 149,074	\$ 173,426	\$ 198,581	\$ 224,575	\$ 177,400	
21									
22									
23		Total Net Annual Cost of Selected Resources	\$ 120,413	\$ 142,129	\$ 170,090	\$ 194,094	\$ 220,779	\$ 175,844	
24									
25									

	A	B	C	D	E	F	G
2	Table 2.3.1		7B2 COSA 06 FY2010				
3							
4	COST OF SERVICE ANALYSIS						
5							
6	Itemized Revenue Requirement						
7	FY 2010						
8							
9							
10							
11							
12	FY 2010						
13		A	B	C	D	E	F
14		INVEST	NET	NET	OPER	TOTAL	
15		BASE	INT	REVS	EXP	(B+C+D)	
16	1. GENERATION COSTS						
17							
18	2. FEDERAL BASE SYSTEM						
19	3. HYDRO	0	183,287	193,922	433,943	811,152	
20	4. BPA FISH & WILDLIFE PROGRAM	182,695	18,920	20,018	263,845	302,783	
21	5. TROJAN				2,200	2,200	
22	6. WNP #1				163,589	163,589	
23	7. WNP #2				503,533	503,533	
24	8. WNP #3				139,704	139,704	
25	9. SYSTEM AUGMENTATION				176,580	348,990	172,410
26	10. BALANCING POWER PURCHASES				63,288	63,288	
27	11. TOTAL FEDERAL BASE SYSTEM	182,695	202,207	213,940	1,746,681	2,335,238	
28							
29	12. NEW RESOURCES						
30	13. IDAHO FALLS				0	0	
31	14. COWLITZ FALLS				0	0	
32	15. NEW RESOURCES FROM 7B2 STACK				120,413	120,413	
33	16. TOTAL NEW RESOURCES				120,413	120,413	
34							
35	17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0	
36							
37	18. CONSERVATION		0	0	0	0	
38							
39	19. OTHER GENERATION COSTS						
40	20. BPA PROGRAMS	11,080	1,147	1,214	149,044	151,405	
41	21. WNP #3 PLANT				0	0	
42	22. TOTAL OTHER GENERATION COSTS	11,080	1,147	1,214	149,044	151,405	
43							
44	23. TOTAL GENERATION COSTS	193,775	203,354	215,154	2,016,137	2,607,055	
45							
46	24. TRANSMISSION COSTS						
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				121,472	121,472	
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000	
49	27. GENERAL TRANSFER AGREEMENTS				50,690	50,690	
50	28. TOTAL TRANSMISSION COSTS				173,162	173,162	
51							
52	29. TOTAL PBL REVENUE REQUIREMENT		203,354	215,154	2,189,299	2,780,217	

	A	B	C	D	E	F	G
2	Table 2.3.2			7B2 COSA 06 FY2011			
3	COST OF SERVICE ANALYSIS						
4	Itemized Revenue Requirement						
5	FY 2011						
6							
7							
8							
9							
10							
11							
12	FY 2011						
13		A	B	C	D	E	F
14		INVEST	NET	NET	OPER	TOTAL	
15		BASE	INT	REVS	EXP	(B+C+D)	
16	1. GENERATION COSTS						
17							
18	2. FEDERAL BASE SYSTEM						
19	3. HYDRO	0	185,402	93,787	454,344	733,533	
20	4. BPA FISH & WILDLIFE PROGRAM	195,997	20,015	10,125	272,623	302,763	
21	5. TROJAN				2,300	2,300	
22	6. WNP #1				165,500	165,500	
23	7. WNP #2				592,762	592,762	
24	8. WNP #3				164,849	164,849	
25	9. SYSTEM AUGMENTATION				304,818	495,078	190,261
26	10. BALANCING POWER PURCHASES				51,706	51,706	
27	11. TOTAL FEDERAL BASE SYSTEM	195,997	205,417	103,912	2,008,901	2,508,491	
28							
29	12. NEW RESOURCES						
30	13. IDAHO FALLS				0	0	
31	14. COWLITZ FALLS				0	0	
32	15. NEW RESOURCES FROM 7B2 STACK				142,110	142,110	
33	16. TOTAL NEW RESOURCES				142,110	142,110	
34							
35	17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0	
36							
37	18. CONSERVATION		0	0	0	0	
38							
39	19. OTHER GENERATION COSTS						
40	20. BPA PROGRAMS	9,274	947	479	153,320	154,746	
41	21. WNP #3 PLANT				0	0	
42	22. TOTAL OTHER GENERATION COSTS	9,274	947	479	153,320	154,746	
43							
44	23. TOTAL GENERATION COSTS	205,271	206,364	104,391	2,304,331	2,805,347	
45							
46	24. TRANSMISSION COSTS						
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				118,230	118,230	
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000	
49	27. GENERAL TRANSFER AGREEMENTS				51,340	51,340	
50	28. TOTAL TRANSMISSION COSTS				170,570	170,570	
51							
52	29. TOTAL PBL REVENUE REQUIREMENT		206,364	104,391	2,474,901	2,975,917	

	A	B	C	D	E	F	G
2	Table 2.3.3						7B2 COSA 06 FY2012
3							
4	COST OF SERVICE ANALYSIS						
5							
6	Itemized Revenue Requirement						
7	FY 2012						
8							
9							
10							
11							
12	FY 2012						
13		A	B	C	D	E	F
14		INVEST	NET	NET	OPER	TOTAL	
15		BASE	INT	REVS	EXP	(B+C+D)	
16	1. GENERATION COSTS						
17							
18	2. FEDERAL BASE SYSTEM						
19	3. HYDRO	0	198,270	5,825	470,874	674,970	
20	4. BPA FISH & WILDLIFE PROGRAM	312,022	33,299	979	280,059	314,337	
21	5. TROJAN				2,300	2,300	
22	6. WNP #1				190,546	190,546	
23	7. WNP #2				618,211	618,211	
24	8. WNP #3				157,976	157,976	
25	9. SYSTEM AUGMENTATION				159,868	362,203	202,335
26	10. BALANCING POWER PURCHASES				52,875	52,875	
27	11. TOTAL FEDERAL BASE SYSTEM	312,022	231,569	6,804	1,932,709	2,373,418	
28							
29	12. NEW RESOURCES						
30	13. IDAHO FALLS				0	0	
31	14. COWLITZ FALLS				0	0	
32	15. NEW RESOURCES FROM 7B2 STACK				170,099	170,099	
33	16. TOTAL NEW RESOURCES				170,099	170,099	
34							
35	17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0	
36							
37	18. CONSERVATION		0	0	0	0	
38							
39	19. OTHER GENERATION COSTS						
40	20. BPA PROGRAMS	5,931	-10,363	-305	155,603	144,935	
41	21. WNP #3 PLANT				0	0	
42	22. TOTAL OTHER GENERATION COSTS	5,931	-10,363	-305	155,603	144,935	
43							
44	23. TOTAL GENERATION COSTS	317,953	221,206	6,499	2,258,411	2,688,452	
45							
46	24. TRANSMISSION COSTS						
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				124,903	124,903	
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000	
49	27. GENERAL TRANSFER AGREEMENTS				52,428	52,428	
50	28. TOTAL TRANSMISSION COSTS				178,331	178,331	
51							
52	29. TOTAL PBL REVENUE REQUIREMENT		221,206	6,499	2,436,743	2,866,784	

	A	B	C	D	E	F	G
2	Table 2.3.4						7B2 COSA 06 FY2013
3							
4	COST OF SERVICE ANALYSIS						
5							
6	Itemized Revenue Requirement						
7	FY 2013						
8							
9							
10							
11							
12	FY 2013						
13		A	B	C	D	E	F
14		INVEST	NET	NET	OPER	TOTAL	
15		BASE	INT	REVS	EXP	(B+C+D)	
16	1. GENERATION COSTS						
17							
18	2. FEDERAL BASE SYSTEM						
19	3. HYDRO	0	212,470	51,968	485,336	749,773	
20	4. BPA FISH & WILDLIFE PROGRAM	221,576	24,520	5,997	288,032	318,549	
21	5. TROJAN				2,400	2,400	
22	6. WNP #1				285,733	285,733	
23	7. WNP #2				506,447	506,447	
24	8. WNP #3				172,276	172,276	
25	9. SYSTEM AUGMENTATION				274,762	483,002	208,240
26	10. BALANCING POWER PURCHASES				45,036	45,036	
27	11. TOTAL FEDERAL BASE SYSTEM	221,576	236,990	57,965	2,060,023	2,563,218	
28							
29	12. NEW RESOURCES						
30	13. IDAHO FALLS				0	0	
31	14. COWLITZ FALLS				0	0	
32	15. NEW RESOURCES FROM 7B2 STACK				194,094	194,094	
33	16. TOTAL NEW RESOURCES				194,094	194,094	
34							
35	17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0	
36							
37	18. CONSERVATION		0	0	0	0	
38							
39	19. OTHER GENERATION COSTS						
40	20. BPA PROGRAMS	0	0	0	156,403	156,403	
41	21. WNP #3 PLANT				0	0	
42	22. TOTAL OTHER GENERATION COSTS	0	0	0	156,403	156,403	
43							
44	23. TOTAL GENERATION COSTS	221,576	236,990	57,965	2,410,520	2,913,714	
45							
46	24. TRANSMISSION COSTS						
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				124,903	124,903	
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000	
49	27. GENERAL TRANSFER AGREEMENTS				52,437	52,437	
50	28. TOTAL TRANSMISSION COSTS				178,340	178,340	
51							
52	29. TOTAL PBL REVENUE REQUIREMENT		236,990	57,965	2,588,860	3,092,054	

	A	B	C	D	E	F	G
2	Table 2.3.5					7B2 COSA 06 FY2014	
3							
4	COST OF SERVICE ANALYSIS						
5							
6	Itemized Revenue Requirement						
7	FY 2014						
8							
9							
10							
11							
12	FY 2014						
13		A	B	C	D	E	F
14		INVEST	NET	NET	OPER	TOTAL	
15		BASE	INT	REVS	EXP	(B+C+D)	
16	1. GENERATION COSTS						
17							
18	2. FEDERAL BASE SYSTEM						
19	3. HYDRO	0	226,721	48,990	498,709	774,420	
20	4. BPA FISH & WILDLIFE PROGRAM	305,991	26,195	5,660	295,635	327,490	
21	5. TROJAN				2,500	2,500	
22	6. WNP #1				269,571	269,571	
23	7. WNP #2				496,369	496,369	
24	8. WNP #3				162,214	162,214	
25	9. SYSTEM AUGMENTATION				274,959	490,348	215,389
26	10. BALANCING POWER PURCHASES				58,996	58,996	
27	11. TOTAL FEDERAL BASE SYSTEM	305,991	252,916	54,650	2,058,954	2,581,909	
28							
29	12. NEW RESOURCES						
30	13. IDAHO FALLS				0	0	
31	14. COWLITZ FALLS				0	0	
32	15. NEW RESOURCES FROM 7B2 STACK				220,779	220,779	
33	16. TOTAL NEW RESOURCES				220,779	220,779	
34							
35	17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0	
36							
37	18. CONSERVATION		0	0	0	0	
38							
39	19. OTHER GENERATION COSTS						
40	20. BPA PROGRAMS	10,177	871	188	162,242	163,301	
41	21. WNP #3 PLANT				0	0	
42	22. TOTAL OTHER GENERATION COSTS	10,177	871	188	162,242	163,301	
43							
44	23. TOTAL GENERATION COSTS	316,168	253,787	54,838	2,441,975	2,965,989	
45							
46	24. TRANSMISSION COSTS						
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				124,903	124,903	
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000	
49	27. GENERAL TRANSFER AGREEMENTS				52,446	52,446	
50	28. TOTAL TRANSMISSION COSTS				178,349	178,349	
51							
52	29. TOTAL PBL REVENUE REQUIREMENT		253,787	54,838	2,620,324	3,144,338	

	A	B	C	D	E	F	G	
2	Table 2.3.6						7B2 COSA 06 FY2015	
3	COST OF SERVICE ANALYSIS							
4	Itemized Revenue Requirement							
5	FY 2015							
6								
7								
8								
9								
10								
11								
12	FY 2015							
13		A	B	C	D	E	F	
14		INVEST	NET	NET	OPER	TOTAL		
15		BASE	INT	REVS	EXP	(B+C+D)		
16	1. GENERATION COSTS							
17								
18	2. FEDERAL BASE SYSTEM							
19	3. HYDRO	0	235,974	62,541	510,956	809,471		
20	4. BPA FISH & WILDLIFE PROGRAM	310,283	28,914	7,663	303,464	340,041		
21	5. TROJAN				2,600	2,600		
22	6. WNP #1				201,573	201,573		
23	7. WNP #2				584,907	584,907		
24	8. WNP #3				182,918	182,918		
25	9. SYSTEM AUGMENTATION				411,560	636,086	224,526	
26	10. BALANCING POWER PURCHASES				49,718	49,718		
27	11. TOTAL FEDERAL BASE SYSTEM	310,283	264,888	70,204	2,247,695	2,807,313		
28								
29	12. NEW RESOURCES							
30	13. IDAHO FALLS				0	0		
31	14. COWLITZ FALLS				0	0		
32	15. NEW RESOURCES FROM 7B2 STACK				175,840	175,840		
33	16. TOTAL NEW RESOURCES				175,840	175,840		
34								
35	17. RESIDENTIAL EXCHANGE SETTLEMENT				0	0		
36								
37	18. CONSERVATION		0	0	0	0		
38								
39	19. OTHER GENERATION COSTS							
40	20. BPA PROGRAMS	7,603	709	188	168,064	168,961		
41	21. WNP #3 PLANT				0	0		
42	22. TOTAL OTHER GENERATION COSTS	7,603	709	188	168,064	168,961		
43								
44	23. TOTAL GENERATION COSTS	317,886	265,597	70,392	2,591,599	3,152,114		
45								
46	24. TRANSMISSION COSTS							
47	25. TBL TRANSMISSION/ANCILLARY SERVICES				124,903	124,903		
48	26. 3RD PARTY TRANS/ANCILLARY SERVICES				1,000	1,000		
49	27. GENERAL TRANSFER AGREEMENTS				52,446	52,446		
50	28. TOTAL TRANSMISSION COSTS				178,349	178,349		
51								
52	29. TOTAL PBL REVENUE REQUIREMENT		265,597	70,392	2,769,948	3,330,463		

	B	C	D	E	F	G	H	I	J	K	L
2	Table 2.3.7										7B2 COSA 08
3											
4	COST OF SERVICE ANALYSIS										
5											
6	Classified Revenue Requirement										
7	Fiscal Year 2010										
8											
9											
10		Total									
11		Rev Req	Energy			Demand				Load Variance	
12			%	Total		%	Total			%	Total
13	1.	GENERATION COSTS									
14	2.	FEDERAL BASE SYSTEM									
15	3.	HYDRO	\$ 811,152	91.24%	\$ 740,113	7.84%	\$ 63,616	0.92%	\$ 7,423		
16	4.	BPA FISH & WILDLIFE PROGRAM	\$ 302,783	92.16%	\$ 279,037	7.84%	\$ 23,746				
17	5.	TROJAN	\$ 2,200	92.16%	\$ 2,027	7.84%	\$ 173				
18	6.	WNP #1	\$ 163,589	92.16%	\$ 150,759	7.84%	\$ 12,830				
19	7.	WNP #2	\$ 503,533	91.24%	\$ 459,435	7.84%	\$ 39,490	0.92%	\$ 4,608		
20	8.	WNP #3	\$ 139,704	92.16%	\$ 128,747	7.84%	\$ 10,956				
21	9.	SYSTEM AUGMENTATION	\$ 348,990	91.24%	\$ 318,426	7.84%	\$ 27,370	0.92%	\$ 3,194		
22	10.	BALANCING POWER PURCHASES	\$ 63,288	91.24%	\$ 57,745	7.84%	\$ 4,963	0.92%	\$ 579		
23	11.	TOTAL FEDERAL BASE SYSTEM	\$ 2,335,238		\$ 2,136,290		\$ 183,144		\$ 15,804		
24											
25	12.	NEW RESOURCES									
26	13.	IDAHO FALLS	\$ -				\$ -		\$ -		
27	14.	COWLITZ FALLS	\$ -		\$ -		\$ -		\$ -		
28	15.	NEW RESOURCES FROM 7B2 STACK	\$ 120,413	91.24%	\$ 109,867	7.84%	\$ 9,444	0.92%	\$ 1,102		
29	16.	TOTAL NEW RESOURCES	\$ 120,413		\$ 109,867		\$ 9,444		\$ 1,102		
30											
31	17.	RESIDENTIAL EXCHANGE	\$ -		\$ -						
32											
33	18.	CONSERVATION	\$ -		\$ -		\$ -				
34											
35	19.	OTHER GENERATION COSTS									
36	20.	BPA PROGRAMS	\$ 151,405	91.24%	\$ 138,145	7.84%	\$ 11,874	0.92%	\$ 1,386		
37	21.	WNP #3 PLANT	\$ -				\$ -				
38	22.	TOTAL OTHER GENERATION COSTS	\$ 151,405		\$ 138,145		\$ 11,874		\$ 1,386		
39											
40	23.	TOTAL GENERATION COSTS	\$ 2,607,055		\$ 2,384,302		\$ 204,462		\$ 18,291		
41											
42											
43	24.	TRANSMISSION COSTS									
44	25.	TBL TRANSMISSION/ANCILLARY SERVICES	\$ 121,472	100.00%	\$ 121,472						
45	26.	3RD PARTY TRANS/ANCILLARY SERVICES	\$ 1,000	100.00%	\$ 1,000						
46	27.	GENERAL TRANSFER AGREEMENTS	\$ 50,690	100.00%	\$ 50,690						
47	28.	TOTAL TRANSMISSION COSTS	173,162		173,162						
48											
49	29.	TOTAL PBL REVENUE REQUIREMENT	\$ 2,780,217		\$ 2,557,464		\$ 222,753				

	B	C	D	E	F	G	H	I	J				
2	Table 2.3.8								COSA 09				
3													
4	COST OF SERVICE ANALYSIS												
5													
6	Revenue Credits												
7	Test Period October 2009 - September 2015												
8													
9													
10				<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>				
11													
12	Downstream Benefits & Storage	\$	8,921	\$	8,921	\$	8,921	\$	8,571	\$	8,568	\$	8,568
13	4(h)(10)(c) Credits	\$	88,705	\$	89,975	\$	94,645	\$	93,020	\$	94,994	\$	96,772
14	Colville & Spokane Settlements Credit	\$	4,600	\$	4,600	\$	4,600	\$	4,600	\$	4,600	\$	4,600
15	Network Wind Integration & Shaping	\$	1,905	\$	1,905	\$	-	\$	-	\$	-	\$	-
16	Misc. Revenues	\$	3,420	\$	3,420	\$	3,420	\$	3,420	\$	3,420	\$	3,420
17	Green Tags	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
18	Ancillary Product Revenues	\$	180,452	\$	215,811	\$	215,811	\$	215,811	\$	215,811	\$	215,811
19	Ad Hoc Adjustment to Gen Inputs	\$	(34,620)	\$	(34,620)	\$	(34,620)	\$	(34,620)	\$	(34,620)	\$	(34,620)
20	Total	\$	253,383	\$	290,012	\$	292,777	\$	290,801	\$	292,774	\$	294,551

	B	C	D	E	F	G	H	I	J	K	
2	Table 2.4.1						7B2 ALLOCATE 01				
3											
4	Energy Allocation Factors										
5	Average Megawatts										
6											
7		<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>				
8	Federal Base System										
9	Total Usage										
10	Priority Firm.....	8,188	8,253	8,514	8,616	8,817	8,936				
11	Industrial Firm.....	0	0	0	0	0	0				
12	New Resource Firm.....	0	0	0	0	0	0				
13	Surplus Firm Other.....	536	509	118	118	112	112				
14	Total.....	8,724	8,762	8,631	8,734	8,929	9,048				
15	Federal Base System										
16	Priority Firm.....	8,188	8,253	8,211	8,278	8,430	8,503				
17	Industrial Firm.....	0	0	0	0	0	0				
18	New Resource Firm.....	0	0	0	0	0	0				
19	Surplus Firm Other.....	211	146	0	0	0	0				
20	Total.....	8,399	8,399	8,211	8,278	8,430	8,503				
21	Residential Exchange										
22	Priority Firm.....	0	0	0	0	0	0				
23	Industrial Firm.....	0	0	0	0	0	0				
24	New Resource Firm.....	0	0	0	0	0	0				
25	Surplus Firm Other.....	0	0	0	0	0	0				
26	Total.....	0	0	0	0	0	0				
27	New Resource										
28	Priority Firm.....	0	0	0	0	0	0				
29	Industrial Firm.....	0	0	0	0	0	0				
30	New Resource Firm.....	0	0	0	0	0	0				
31	Surplus Firm Other.....	325	363	421	456	499	545				
32	Total.....	325	363	421	456	499	545				
33	Conservation										
34	Priority Firm.....	0	0	0	0	0	0				
35	Industrial Firm.....	0	0	0	0	0	0				
36	New Resource Firm.....	0	0	0	0	0	0				
37	Surplus Firm Other.....	0	0	0	0	0	0				
38	Total.....	8,724	8,762	8,631	8,734	8,929	9,048				

	B	C	D	E	F	G	H	I	J
2	Table 2.4.2								7B2 ALLOCATE 02
3									
4	Initial Rate Pool Cost Allocation								
5									
6		<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>		
7	CLASSES OF SERVICE								
8	Power Rates								
9	Priority Firm - Preference								
10	FBS	\$ 2,276,620	\$ 2,464,902	\$ 2,373,418	\$ 2,563,218	\$ 2,581,909	\$ 2,807,313		
11	NR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
12	Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
13	conservation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
14	BPA programs	\$ 304,626	\$ 306,434	\$ 318,857	\$ 330,230	\$ 337,368	\$ 343,015		
15	Total	\$ 2,581,246	\$ 2,771,336	\$ 2,692,275	\$ 2,893,447	\$ 2,919,276	\$ 3,150,328		
16	Industrial Firm Power								
17	FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
18	NR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
19	Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
20	conservation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
21	BPA programs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
22	Total	\$ -							
23	New Resources Firm								
24	FBS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
25	NR	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0		
26	Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
27	conservation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
28	BPA programs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
29	Total	\$ 0							
30	Surplus Firm Power								
31	FBS	\$ 58,618	\$ 43,589	\$ -	\$ -	\$ -	\$ -		
32	NR	\$ 120,413	\$ 142,110	\$ 170,099	\$ 194,094	\$ 220,779	\$ 175,840		
33	Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
34	conservation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
35	BPA programs	\$ 19,940	\$ 18,882	\$ 4,410	\$ 4,513	\$ 4,282	\$ 4,295		
36	Total	\$ 198,971	\$ 204,581	\$ 174,509	\$ 198,607	\$ 225,062	\$ 180,135		
37									
38	total Revenue Requirement	\$ 2,780,217	\$ 2,975,917	\$ 2,866,784	\$ 3,092,054	\$ 3,144,338	\$ 3,330,463		

	B	C	D	E	F	G	H	I	J	K
2	Table 2.5.1									7B2 RDS 11
3										
4	Rate Design Study									
5										
6	Allocation of Secondary and Other Revenue Credits									
7	Test Period October 2009 - September 2015									
8										
9										
10				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
11										
12	Forecast of Secondary Revenues			\$ 775,132	\$ 904,674	\$ 965,565	\$ 982,053	\$ 1,020,767	\$ 1,061,950	
13	Additional Secondary Revenues			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
14	Total Gross Secondary Revenues			\$ 775,132	\$ 904,674	\$ 965,565	\$ 982,053	\$ 1,020,767	\$ 1,061,950	
15										
16										
17				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
18	Allocation of Secondary Revenues Credit									
19	Priority Firm.....			\$ (755,675)	\$ (888,954)	\$ (965,565)	\$ (982,053)	\$ (1,020,767)	\$ (1,061,950)	
20	Industrial Firm.....			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
21	New Resource Firm.....			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
22	Surplus Firm Other.....			\$ (19,457)	\$ (15,720)	\$ -	\$ -	\$ -	\$ -	
23	Total.....			\$ (775,132)	\$ (904,674)	\$ (965,565)	\$ (982,053)	\$ (1,020,767)	\$ (1,061,950)	
24										
25										
26										
27				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
28										
29	Total Other Revenue Credits			\$ 253,383	\$ 290,012	\$ 292,777	\$ 290,801	\$ 292,774	\$ 294,551	
30										
31										
32				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	
33	Allocation of Other Revenue Credits									
34	Priority Firm.....			\$ (247,023)	\$ (284,972)	\$ (292,777)	\$ (290,801)	\$ (292,774)	\$ (294,551)	
35	Industrial Firm.....			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
36	New Resource Firm.....			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
37	Surplus Firm Other.....			\$ (6,360)	\$ (5,039)	\$ -	\$ -	\$ -	\$ -	
38	Total.....			\$ (253,383)	\$ (290,012)	\$ (292,777)	\$ (290,801)	\$ (292,774)	\$ (294,551)	
39										

	B	C	D	E	F	G	H	I	J	K
2	Table 2.5.2									7B2 RDS 17
3										
4	Rate Design Study									
5										
6	Calculation of FPS (Surplus)/Shortfall									
7	Test Period October 2009 - September 2015									
8										
9										
10										
11	FPS (Surplus)/Shortfall			<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	
12										
13	Costs allocated to FPS contract sales			\$ 198,971	\$ 204,581	\$ 174,509	\$ 198,607	\$ 225,062	\$ 180,135	
14	Expected Revenue from FPS contract sales			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
15	FBS Contract Obligation Revenue			\$ 38,281	\$ 35,895	\$ 4,919	\$ 4,797	\$ 4,839	\$ 4,878	
16	(Surplus)/Shortfall			\$ 160,690	\$ 168,686	\$ 169,590	\$ 193,810	\$ 220,223	\$ 175,257	
17										
18	Secondary Revenues allocated to FPS			\$ (19,457)	\$ (15,720)	\$ -	\$ -	\$ -	\$ -	
19	Revenue Credits allocated to FPS			\$ (6,360)	\$ (5,039)	\$ -	\$ -	\$ -	\$ -	
20										
21	FPS (Surplus)/Shortfall			\$ 134,872	\$ 147,926	\$ 169,590	\$ 193,810	\$ 220,223	\$ 175,257	
22										
23										
24										
25	Rate Design Study									
26	Allocation of FPS (Surplus)/Shortfall									
27	Test Period October 2009 - September 2015									
28										
29										
30				<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	
31	Allocation of FPS (Surplus)/Shortfall									
32	Priority Firm.....			\$ 134,872	\$ 147,926	\$ 169,590	\$ 193,810	\$ 220,223	\$ 175,257	
33	Industrial Firm.....			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
34	New Resource Firm.....			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
35	Surplus Firm Other.....			\$ (134,872)	\$ (147,926)	\$ (169,590)	\$ (193,810)	\$ (220,223)	\$ (175,257)	
36	Total.....			\$ -						
37										

	B	C	D	E	F	G	H	I	J	K			
2	Table 2.5.3												
3	7B2 RDS 19												
4	Rate Design Study												
5	Summary of Initial Cost Allocations												
6	Test Period October 2009 - September 2015												
7													
8													
9					FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015			
10	Allocation of Revenue Requirement												
11	Priority Firm.....	\$	2,581,246	\$	2,771,336	\$	2,692,275	\$	2,893,447	\$	2,919,276	\$	3,150,328
12	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
13	New Resource Firm.....	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0
14	Surplus Firm Other.....	\$	198,971	\$	204,581	\$	174,509	\$	198,607	\$	225,062	\$	180,135
15	Total.....	\$	2,780,217	\$	2,975,917	\$	2,866,784	\$	3,092,054	\$	3,144,338	\$	3,330,463
16													
17	Allocation of Secondary Revenues Credit												
18	Priority Firm.....	\$	(755,675)	\$	(888,954)	\$	(965,565)	\$	(982,053)	\$	(1,020,767)	\$	(1,061,950)
19	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
20	New Resource Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
21	Surplus Firm Other.....	\$	(19,457)	\$	(15,720)	\$	-	\$	-	\$	-	\$	-
22	Total.....	\$	(775,132)	\$	(904,674)	\$	(965,565)	\$	(982,053)	\$	(1,020,767)	\$	(1,061,950)
23													
24	Allocation of other Revenues Credits												
25	Priority Firm.....	\$	(247,023)	\$	(284,972)	\$	(292,777)	\$	(290,801)	\$	(292,774)	\$	(294,551)
26	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
27	New Resource Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
28	Surplus Firm Other.....	\$	(6,360)	\$	(5,039)	\$	-	\$	-	\$	-	\$	-
29	Total.....	\$	(253,383)	\$	(290,012)	\$	(292,777)	\$	(290,801)	\$	(292,774)	\$	(294,551)
30													
31	Allocation of FPS (Surplus)/Shortfall												
32	Priority Firm.....	\$	134,872	\$	147,926	\$	169,590	\$	193,810	\$	220,223	\$	175,257
33	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
34	New Resource Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
35	Surplus Firm Other.....	\$	(134,872)	\$	(147,926)	\$	(169,590)	\$	(193,810)	\$	(220,223)	\$	(175,257)
36	Total.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
37													
38													
39					FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015			
40	Low Density Discount												
41	Priority Firm.....	\$	28,303	\$	28,646	\$	28,646	\$	28,646	\$	28,646	\$	28,646
42	Expenses Due to No DSI Reserves ...												
43	Priority Firm.....	\$	20	\$	20	\$	20	\$	20	\$	20	\$	20
44	Irrigation Rate Mitigation.....												
45	Priority Firm.....	\$	12,036	\$	12,036	\$	12,036	\$	12,036	\$	12,036	\$	12,036
46													
47													
48					FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015			
49	Initial Allocation												
50	Priority Firm.....	\$	1,753,779	\$	1,786,037	\$	1,644,225	\$	1,855,104	\$	1,866,661	\$	2,009,785
51	Industrial Firm.....	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
52	New Resource Firm.....	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0
53	Surplus Firm Other.....	\$	38,281	\$	35,895	\$	4,919	\$	4,797	\$	4,839	\$	4,878
54	Total.....	\$	1,792,060	\$	1,821,932	\$	1,649,144	\$	1,859,901	\$	1,871,500	\$	2,014,663
55													

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
2	Table 2.6																7B2 RDS 50
3																	
4	Rate Design Study																
5																	
6	Calculation of 7(b)(2) Case PF Preference Rate Components																
7	Fiscal Year 2010																
8																	
9																	
10																	
11																	
12	LEVELIZED MARGINAL COSTS OF POWER																
13			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
14	Energy Mills/kwh																
15		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			
16		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			
17	MONTHLY DEMAND		2.11	2.25	2.36	2.00	2.04	1.90	1.78	1.48	1.35	1.66	1.94	2.00			
18																	
19	PF billing determinants (GWHs)																
20			<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		
21		HLH	3,195	3,466	3,831	3,807	3,429	3,428	3,040	3,255	3,154	3,240	3,345	3,027	67526		
22		LLH	2,038	2,524	2,669	2,749	2,258	2,190	1,980	2,355	1,999	2,286	2,161	2,098			
23		Demand	8,707	9,624	9,990	10,473	10,034	8,914	8,122	8,127	7,619	8,461	8,170	7,920			
24																	
25	Revenue At Marginal Rates																
26			<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>	Marginal Revenues	Allocated Costs	
27		HLH \$	170,411	\$ 218,484	\$ 253,366	\$ 225,117	\$ 203,237	\$ 194,905	\$ 143,380	\$ 135,944	\$ 129,869	\$ 160,420	\$ 182,705	\$ 172,002	\$ 3,455,235	\$ 1,531,026	
28		LLH \$	93,885	\$ 131,282	\$ 146,222	\$ 137,489	\$ 118,297	\$ 109,967	\$ 80,309	\$ 83,722	\$ 62,512	\$ 93,895	\$ 101,302	\$ 106,514			
29		Demand \$	18,373	\$ 21,654	\$ 23,577	\$ 20,946	\$ 20,470	\$ 16,936	\$ 14,457	\$ 12,029	\$ 10,285	\$ 14,045	\$ 15,850	\$ 15,841	\$ 204,462	\$ 204,462	
30																	LV Revenue
31																	\$ 18,291
32																	\$ 3,677,988
33																	\$ 1,753,779
34																	
35	PF rates																
36			<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>			
37		HLH	23.63	27.93	29.30	26.20	26.26	25.19	20.90	18.51	18.24	21.94	24.21	25.18			
38		LLH	20.42	23.04	24.28	22.16	23.21	22.25	17.97	15.75	13.86	18.20	20.77	22.50			
39		Demand	2.11	2.25	2.36	2.00	2.04	1.90	1.78	1.48	1.35	1.66	1.94	2.00			
40																	
41																	
42	Revenues at Proposed Rates																
43			<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>		
44		HLH \$	75,497	\$ 96,818	\$ 112,262	\$ 99,743	\$ 90,052	\$ 86,363	\$ 63,543	\$ 60,252	\$ 57,531	\$ 71,095	\$ 80,971	\$ 76,216	\$ 1,531,044		
45		LLH \$	41,607	\$ 58,160	\$ 64,792	\$ 60,927	\$ 52,409	\$ 48,729	\$ 35,578	\$ 37,091	\$ 27,709	\$ 41,613	\$ 44,887	\$ 47,198			
46		Demand \$	18,373	\$ 21,654	\$ 23,577	\$ 20,946	\$ 20,470	\$ 16,936	\$ 14,457	\$ 12,029	\$ 10,285	\$ 14,045	\$ 15,850	\$ 15,841	\$ 204,462		
47																	LV Revenue
48																	\$ 18,291
49																	\$ 1,753,797
50																	
51	Unbifurcated PF Average Rate																
52		Energy Costs \$	1,531,026		22.67												
53		Demand Costs \$	204,462		3.03												
54		Unbundled Cost \$	18,291		0.27												
55		Total \$	1,753,779		25.97												
56																	
57		Billing Determinants	67526														
58																	
59																	

3. 7(b)(2) RATE TEST RESULTS

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	B	C	D	E	F
2	Table 3				
3					
4	7(b)(2) Rate Test				
5					
6	<u>Nominal mills/kWh</u>				
7					
8	Adjusted				
9	Program Case	Program Case	Program Case	7(b)(2) Case	
10	<u>PF Rate</u>	<u>7(g) costs</u>	<u>PF Rate</u>	<u>PF Rate</u>	
11					
12	2010	36.45	1.59	34.86	25.97
13	2011	37.06	1.54	35.52	26.36
14	2012	36.27	1.44	34.83	23.55
15	2013	38.15	1.48	36.67	26.44
16	2014	38.07	1.45	36.62	26.10
17	2015	40.07	1.37	38.70	27.82
18					
19					
20	<u>Discounted mills/kWh</u>				
21					
22	Adjusted				
23	Program Case				7(b)(2) Case
24	<u>PF Rate</u>				<u>PF Rate</u>
25					
26	2010	32.64			24.32
27	2011	31.10			23.08
28	2012	28.59			19.33
29	2013	28.21			20.34
30	2014	26.41			18.82
31	2015	26.16			18.80
32					
33	Average Discounted Program Case Rate			28.85	
34	Average Discounted 7(b)(2) Case Rate			20.78	
35	Rate Test Result (Triggers if Positive)			8.07	

BONNEVILLE POWER ADMINISTRATION

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