

2010 Electric System Rate Study

Public Utility District No. 1
of Okanogan County, Washington

May 2010



An SAIC Company

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May 26, 2010

Mr. John R. Grubich
General Manager
Okanogan County Public Utility District
1331 2nd Avenue North
Okanogan, Washington 98840

Subject: **2010 Electric System Rate Study**

Dear Mr. Grubich:

R. W. Beck, Inc., is pleased to submit this final report of the 2010 Electric System Rate Study for Okanogan County Public Utility District. This report sets forth and summarizes the methodology, analyses and final results of the District's rate review process.

The rate review process and the preparation of this report was a collaborative effort by District staff, the District's Board of Commissioners and our staff. On behalf of R. W. Beck, Tim Baars and I wish to express our appreciation for the friendly cooperation and assistance of those who provided the timely information and review necessary for the successful completion of this study.

Once again, we appreciate the opportunity to provide continued services to the District.

Sincerely,

R. W. BECK, INC.

A handwritten signature in black ink that reads 'Richard Cuthbert'.

Richard W. Cuthbert
Senior Consultant



Public Utility District No. 1
of Okanogan County
2010 Electric System Rate Study

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Background

In 2008, Public Utility District No. 1 of Okanogan County (the District) requested that R. W. Beck complete a Cost-of-Service Study (2008 COS Study) for the District to evaluate its existing rates relative to cost-of-service levels. The 2008 COS Study was completed in May 2009, and provided District staff and the Board of Commissioners with information regarding the cost of service of serving its customer classes, and how this compared to its existing rates.

The District's last rate changes were made in 2001 based on across-the-board rate increases for all customer classes to meet the financial needs at that time without reference to a cost-of-service study. In 2009, R. W. Beck was retained to provide the District a 2010 Electric System Rate Study (2010 Rate Study) which would update the 2008 COS Study, reflect a test year (TY) 2010 rate study period, and provide rates to go in effect during 2010 if necessary.

R. W. Beck was also retained in 2009 to complete an Equity Management Plan Study (2010 EMP) to evaluate the long-term financial impacts of several operational and financial changes to the Okanogan system. Results of this analysis were presented in a separate report dated March 2010. The results of the 2010 EMP were used as the basis for the TY 2010 revenue requirements used in this rate study along with the determination of revenue requirements and rate change options for the TY 2010 to TY 2012 time period.

The District currently has six major customer classes,¹ each with separate rates. The customer and rate classes are defined as follows:

- **Residential:** Service applicable to each individual customer/family residing in a single family dwelling or multiple family building, and to a farm which processes only its own products.
- **General Service:** Service applicable to any one individual customer complex for which another specific rate schedule is not available.
- **Primary Industrial:** Service applicable to any load with measured monthly demand of at least 1,000 kW and not more than a 10,000 kW average annual increase.
- **Irrigation:** Applicable to service for irrigation or drainage and incidental farm use. The schedule is based on continuous service for the irrigation season of April 1 through October 31.

¹ In addition to the six customer classes listed, the District has additional rate schedules for New Single Large Loads (service schedule number 5) and Area Lighting (service schedule number 10).

- **Frost Control:** Applicable to service to wind machines or pumps used only for frost protection.
- **Street Lighting:** Applicable to any publicly owned organization constituted by State law for lighting of streets, alleys and thoroughfares.

All of these customer classes have a monthly basic charge and one or more energy charges with either uniform or declining block rate structures. The General Service and Industrial classes also have demand charges applicable to certain customers in these customer classes. The District's current rates are summarized in Table 1-1.

Table 1-1
Okanogan County PUD
Existing Rates as of March 2010

	<u>Rates</u>	<u>Units</u>
Residential Rates		
Basic Charge	10.00	dollars per month
Energy Charge	4.400	cents per kWh
Minimum Charge	10.00	dollars per month
General Service Rates		
Basic Charge	12.00	dollars per month
Energy Charge		
0-15,000 kWh	5.300	cents per kWh
15,000+ kWh	4.800	cents per kWh
Demand Charge	2.00	dollars per kW > 50 kW per month
Minimum Charge	12.00	dollars per month
Industrial Rates		
Basic Charge	760.00	dollars per month
Energy Charge	3.750	cents per kWh
Demand Charge	2.25	dollars per kW per month
Minimum Charge	760.00	dollars per month
Irrigation Rates		
Horsepower		
0 - 74.9 HP	1.55	dollars per HP per month
75+ HP	1.00	dollars per HP per month
Energy Charge	2.870	cents per kWh
Frost Control Rates		
Facilities Charge	3.45	dollars per HP per year
Energy Charge	5.300	cents per kWh
Street Lighting Rates		
175W MVP or 100W HPS	6.40	dollars per month
400W MVP or 200W HPS	9.80	dollars per month

Objectives

The District identified the following objectives for the 2010 Rate Study:

- Provide the District's staff and Board with updated electric system cost-of-service information for a TY 2010 study period.
- Use the TY 2010 cost-of-service information and final 2010 EMP results to identify one or more sets of rate changes the District could implement for its existing and potential new customer classes for the District's review and consideration.
- Develop final rate design for the TY 2010, 2011, and 2012 time periods for the District's review and consideration.

The Rate Review Process

The results of the 2010 EMP analysis showed that the District needed several rate increases in the future to maintain adequate debt service coverage (DSC) and times interest earned ratio (TIER) levels, and to maintain adequate cash reserves. The base case scenario projected a 12 percent retail revenue increase to be necessary in 2010. This 12 percent increase is the basis for the projected TY 2010 revenue requirements and cost-of-service analysis presented later in this report.

Given the significant level of rate increase projected in 2010, District staff and the Board of Commissioners wished to explore alternative rate increases that would moderate the impact on customers and provide more rate stability while continuing to meet the financial targets of the District. Two alternatives were analyzed in the 2010 EMP analysis: one which projected back-to-back 8.5 percent retail revenue increases in 2010 and 2011, and another which projected 6.5 percent retail revenue increases in each year from 2010 through 2012. The proposed rates presented in this report reflect 6.5 percent retail revenue increases in each year from 2010 through 2012.

Using the TY 2010 cost-of-service analysis, a number of alternative rate design options were developed and presented to the District for its review and consideration. Following receipt of feedback on these options, a final draft rate design and proposed rates to become effective on July 1st of 2010, 2011, and 2012 were developed.²

These proposed rates were presented in a series of public meetings in the District during April 2010, and, based on input received at the meetings, the District's Board adopted Resolution No. 1506 authorizing the final rates developed in this study at a meeting held on May 4, 2010. A copy of this resolution is provided in Appendix F of this report.

² Irrigation customer class rates will be effective on January 1 of 2011, 2012 and 2013 to correspond with the growing season.

In addition, the Board approved as part of the resolution the following measures:

- Implementation of automatic rate adjustments to reflect any significant increase or decrease in the cost of power from contracted power sources within 30 days of the District incurring such increase or decrease, unless suspended by a Resolution of the Board of Commissioners.
- Enactment of future annual retail revenue rate increases of 3.0 percent per year beginning in 2013 and occurring every year thereafter, unless any such annual increase is suspended by a resolution of the Board of Commissioners.

Report Organization

This report is organized into four sections plus appendices. General information including background information and objectives of the study are provided in Section 1. The development of the District's TY 2010 revenue requirements analysis is presented in Section 2. The methodology and results for the TY 2010 cost-of-service analysis are summarized in Section 3. A discussion related to the development of the Board adopted rate design adjustments is provided in Section 4. Detailed analyses of the study are provided in Appendices A through E and a copy of Resolution No. 1506 is provided in Appendix F.

Section 2

REVENUE REQUIREMENTS ANALYSIS

Overview

The District's revenue requirements for this rate study were based on information originally developed in the District's 2010 EMP study prepared separately by R. W. Beck and dated March 2010. Revenue requirements consist of the sum of the electric system's operating costs plus an amount associated with meeting the electric system's debt and capital funding needs for a test year period.

The projected 2010 test year revenue requirements results used in this study were projected starting from audited 2008 financial statements. Projections were adjusted as necessary for known and measurable changes to expenses (e.g., purchased power expense increases) and are consistent with the 2010 budget adopted by the District's Board of Commissioners on December 19, 2009. The detailed tables showing TY 2010 revenue requirements analysis used in this study are provided in Appendix A.

Revenue Requirements

Table 2-1 provides a summary of the District's projected operating results for 2010, the pro forma adjustments, and the adjusted TY 2010 revenue requirements. The DSC and TIER levels shown are consistent with the financial targets established by District staff as part of the 2010 EMP study. The adjusted TY 2010 revenue requirements show the need for an increase in retail rate revenues of 12 percent on an annual basis. The adjusted TY 2010 revenue requirements were used as the basis for the cost-of-service analysis presented in the next section of this report.

Table 2-1
Okanogan County PUD
Summary of Test Year 2010 Revenue Requirements

Description	Projected Test Year 2010	Pro forma Adjustments (1)	Adjusted Test Year 2010
Total Revenues From Sales of Electricity	\$37,201,122	\$3,871,641	\$41,072,763
Other Electric Revenues	690,773	-	690,773
Total Revenues	\$37,891,895	\$3,871,641	\$41,763,536
Operating Expenses	\$40,437,742	\$0	\$40,437,742
Other Expenses	732,073	-	732,073
Total Operating Cost of Service	\$41,169,815	\$0	\$41,169,815
Margins or Increase in Net Assets	(2,473,919)	3,871,641	1,397,722
Operating Revenue Requirements	\$38,695,895	\$3,871,641	\$42,567,536
Total Non-Operating Revenues	\$804,000	\$0	\$804,000
Total Revenue Requirements	\$38,695,895	\$3,871,641	\$42,567,536
Less Interest Income	(262,000)	-	(262,000)
Less Contributions in Aid of Construction	(542,000)	-	(542,000)
Less Other Revenues	(690,773)	-	(690,773)
Less Wholesale Revenues	(4,937,444)	-	(4,937,444)
Revenue Requirements from Rates	\$32,263,678	\$3,871,641	\$36,135,319
Revenue Increase (Decrease)	-		\$3,871,641
Percent Change	-		12.0%
Debt Service Coverage Ratio (DSC)	0.74		3.23
TIER (Operating)	(3.72)		1.94
TIER (Total)	(2.55)		3.11

Notes

(1) Assumes retail revenue increase equal to 12% retail rate increase effective for a 12 month period.

Section 3

COST-OF-SERVICE ANALYSIS

Overview

A cost-of-service analysis for the District's TY 2010 revenue requirements was prepared based on the general framework developed in the January 1992 "NARUC Electric Utility Cost Allocation Manual" (NARUC Manual). The results of the cost-of-service analysis are summarized in this section. The detailed functionalization of revenue requirements is provided in Appendix B, the detailed classification is provided in Appendix C, and the detailed allocation of revenue requirements to customer classes is provided in Appendix D. Unit costs for the customer classes are also shown in Appendix D.

Methodology

The process of developing a cost-of-service analysis for the District included the functionalization, classification and allocation of the District's TY 2010 revenue requirements in collaboration with District staff. For functionalization, the revenue requirements were organized by function including production, transmission and distribution. Administrative and general costs were primarily functionalized based on labor ratios and plant ratios. Each of the functionalized revenue requirement items was classified into demand, energy or customer components. The classified revenue requirements were then allocated to each customer class based on appropriate allocation factors developed for each class. Estimated revenues at existing rates for each rate class were compared to the cost-of-service results to determine the percentage rate change necessary for each rate class to achieve a cost-of-service level. Unit demand, energy and customer costs were also developed for use in the rate design process.

Functionalization and Classification

Table 3-1 provides a summary of the functionalization and classification of the test year revenue requirements. Classifications of costs were generally performed using the methodologies set forth in the NARUC Manual. The detailed results of these analyses are provided in Appendices B and C.

Table 3-1
Okanogan County PUD
Summary of Functionalization and Classification of Revenue Requirements
(Adjusted Test Year 2010)

Description	Demand	Energy	Customer	Total
Production	\$8,348,327	\$17,641,904	\$0	\$25,990,231
Transmission	444,823	0	0	444,823
Distribution	9,778,586	0	4,859,123	14,637,709
Total Cost of Service	\$18,571,736	\$17,641,904	\$4,859,123	\$41,072,763

Allocation

After functionalized costs were classified into detailed cost components, an allocation was made of these costs to the District's customer classes. Three basic methods of allocating demand costs to classes of service discussed in the NARUC Manual are: (a) the peak responsibility (coincident peak) method, (b) the non-coincident peak method, and (c) the average and excess demand method. Under the peak responsibility method, system demand costs are allocated among classes in proportion to each class's load at the time of the system peak. Under the non-coincident peak method, system demand costs are allocated to classes in proportion to class maximum loads, regardless of time of occurrence. The average and excess demand method allocates costs to rate classes using a factor that combines the classes' average demands and non-coincident peak demands. Variations of these methods are also commonly used. In this study, both the peak responsibility and the average and excess methods were used.

The main allocation factors developed for this analysis are described below:

Allocation Factor	Description
4 CP	The 4 coincident peak allocator represents each class's contribution to the system peak during the 4 peak months of the year, based on 2010 load research analysis results.
12 NCP	The 12 non-coincident peak allocator relates the peak demand for each customer class, not necessarily coincident with the system peak, to the sum of peak demands for all classes during the each month of the year, based on 2010 load research analysis results.
Average and Excess	The average and excess allocator combines the class's average demands and non-coincident peak demands, based on 2010 load research analysis results.
Energy	The energy allocator represents each class's share of annual energy sold, excluding sales for resale.

Allocation Factor	Description
Customer Allocator	The customer allocator relates the number of customers within each class to the total number of District customers served.
Weighted Customer Allocators	The weighted customer allocators adjust the customer allocator by the relative service level required for each customer class. The three weighted customer allocators are for the cost of meters, meter reading and customer service.
Other Allocators	Other allocators were developed based on intermediate results of the cost-of-service analysis.

In the peak responsibility method, demand-related generation and transmission costs were allocated using the 4 CP allocator. In the average and excess method, these costs were allocated using the average and excess allocator, which combines the class’s average demands and non-coincident peak demands. In both analyses, energy-related production costs were allocated on a per-kilowatt hour basis, demand-related distribution costs were allocated based on 12 NCP allocators, and customer-related costs were assigned to classes of service based on either the customer allocator or one of several weighted customer allocation factors. Line transformer and service drop costs were not allocated to the industrial class because they are served at a primary voltage service level.

The demand, energy and customer allocation factors used in this study are presented in Appendix D. The estimated cost of service for each of the District’s main customer classes using both the peak responsibility method and the average and excess method is summarized in Table 3-2.

Table 3-2
Okanogan County PUD
Allocated Cost of Service by Customer Class
(Adjusted Test Year 2010)

	Demand	Energy	Customer	Total
Peak Responsibility Method				
Residential	\$10,362,895	\$8,037,260	\$3,653,875	\$22,054,030
Small General Service	983,170	977,699	449,632	2,410,501
Large General Service	5,137,193	4,947,533	260,594	10,345,320
Industrial	1,118,446	1,787,519	4,547	2,910,512
Irrigation	931,171	1,842,263	369,214	3,142,649
Frost Control	7,779	13,968	36,618	58,365
Street Lights	31,082	35,661	84,643	151,386
Total	\$18,571,736	\$17,641,904	\$4,859,123	\$41,072,763
Average and Excess Method				
Residential	\$9,516,753	\$8,037,260	\$3,653,875	\$21,207,888
Small General Service	944,472	977,699	449,632	2,371,803
Large General Service	4,934,991	4,947,533	260,594	10,143,118
Industrial	1,105,772	1,787,519	4,547	2,897,839
Irrigation	2,005,159	1,842,263	369,214	4,216,636
Frost Control	34,615	13,968	36,618	85,201
Street Lights	29,975	35,661	84,643	150,278
Total	\$18,571,736	\$17,641,904	\$4,859,123	\$41,072,763

Cost-of-Service Analysis Results

In Table 3-3, the cost-of-service results are compared to revenues from existing rates by customer class to determine whether rate changes are warranted. The revenues under existing rates are shown in the first column, and the second column provides the allocated costs of service for each customer class. The third column summarizes the amount that revenues from existing rates over or under recover the allocated cost of service. The last column shows the percentage that revenues from current rates would need to be reduced or increased if rates were to be adjusted to reflect cost-of-service levels for each class.

Table 3-3
 Okanogan County PUD
 Summary of Cost-of-Service Results
 (Adjusted Test Year 2010)

Peak Responsibility Method

Customer Class	Adjusted Revenue Under Existing Rates	Allocated Cost of Service (1)	Over (Under) Cost of Service	Percent Change in Revenue
Residential	\$15,078,884	\$19,402,868	(\$4,323,984)	28.7%
Small General Service	2,142,632	2,120,730	21,902	-1.0%
Large General Service	9,789,952	9,101,687	688,264	-7.0%
Industrial	2,736,705	2,560,633	176,072	-6.4%
Irrigation	2,322,301	2,764,864	(442,564)	19.1%
Frost Control	68,344	51,349	16,995	-24.9%
Street Lights	124,862	133,188	(8,326)	6.7%
Total	\$32,263,678	\$36,135,319	(\$3,871,641)	12.0%

Average and Excess Method

Customer Class	Adjusted Revenue Under Existing Rates	Allocated Cost of Service (1)	Over (Under) Cost of Service	Percent Change in Revenue
Residential	\$15,078,884	\$18,658,443	(\$3,579,559)	23.7%
Small General Service	2,142,632	2,086,684	55,948	-2.6%
Large General Service	9,789,952	8,923,792	866,160	-8.8%
Industrial	2,736,705	2,549,483	187,221	-6.8%
Irrigation	2,322,301	3,709,746	(1,387,445)	59.7%
Frost Control	68,344	74,959	(6,615)	9.7%
Street Lights	124,862	132,213	(7,352)	5.9%
Total	\$32,263,678	\$36,135,319	(\$3,871,641)	12.0%

Notes

(1) Allocated cost of service includes allocation of wholesale revenues of \$4.9 million which are allocated to each customer class.

Overview

The purpose of the rate design analysis was to identify an equitable rate structure for the District that will adequately recover the test year revenue requirements of the electric system while meeting the policy objectives of the utility. Additionally, the District elected to establish three sets of rates in this study to be effective July 1 of 2010, 2011 and 2012.³ Although the rate design modifications were in part based on the results of the cost-of-service analysis, other District policy factors were also considered in designing rates.

Policy and Rate Design Guidelines

As described previously, the District's Board and management met several times to discuss various policy issues related to the study. The following paragraphs provide a summary of the basic policy and rate design guidelines that were developed in consultation with the District's Board and management and were used to develop the proposed rate adjustments.

- Financial Integrity:** Rates must preserve the District's financial integrity to allow for future capital investments and to meet the financial targets of the utility.
- Cost-of-Service Based:** Rates should generally reflect and be consistent with the cost of providing electric service to each customer class.
- Rate Stability:** Rate adjustments should, to the extent possible, promote stable rates for customers and avoid large changes in rates.
- Simplification:** The rate structure should be simple and easily understood by customers.
- Equity:** The rates should be equitable and, to the extent practicable, reflect the cost to provide service.
- Reliability of Service:** The District's rates should provide adequate funding to support the District being able to continue to provide reliable service to its customers.
- Efficiency/Conservation:** The rate structure should help encourage conservation and the efficient use of electricity.

³ Irrigation customer class rates were set to be effective January 1 of 2011, 2012 and 2013.

Rate Development

The actual rates and rate structures for the District's various customer classes were modified to better meet the District's policies, including a rate design that provided more stable revenue recovery, more closely reflects cost-of-service levels, is simplified and easier to understand by the District's customers, and helps promote energy efficiency and conservation efforts. Specific changes in the District's rate design included the following:

- **Separation of General Service Customer Class:** A review of the General Service customer class revealed a wide range of usage levels within this single customer class. In addition, some customers within the General Service customer class have demand meters and are charged a demand charge. The installation of demand meters was determined based on an initial assessment as to whether the customer was expected to have demand greater than 50 kW. Based on the wide range of usage within this class and the differences between customers with demand meters compared to those without demand meters, it is proposed that the current General Service class be split into two separate customer classes:
 - Small General Service: Customers with maximum demands less than 50 kW demand and no demand meters.
 - Large General Service: Customers with maximum demands greater than 50 kW demand and demand meters installed.

Separation of the General Service class into two separate classes will allow the District to set its rates more closely to cost-of-service levels for each of these two distinct customer groups.

- **Minimum Energy Charge:** For the residential and small general service customer classes, a minimum energy charge is proposed. This charge would apply to each customer on a monthly basis, and would include a specific allowance for an amount of energy, which will increase over the 2010 - 2012 time period:

<u>Year</u>	<u>Minimum Energy Charge</u>	<u>kWh Included</u>
2010	\$15.00	300
2011	\$20.00	400
2012	\$25.00	500

- **Minimum Demand Charge:** For the large general service and industrial customer classes, a minimum demand charge is proposed. This charge would automatically be included on each bill (similar to the minimum energy charge for other customer classes), and would cover the first 50 kW of demand for large general service customers and 1,000 kW of demand for industrial customers.

- **Inverted Block Energy Rate for Residential Customer Class:** For the Residential customer class, a change from a uniform energy rate to an inverted block energy rate is proposed. Under the proposed rate structure, residential customers with monthly energy usage greater than 2,000 kWh will have their usage above that level charged at a higher rate. This rate structure is consistent with the conservation goals of the District, and will encourage the efficient use of electricity. An analysis of residential billing data suggests that this charge will affect the top 25 percent of residential customers in terms of monthly energy usage, with approximately 65 percent of customers having some usage in the higher rate block in at least one month of the year. It is estimated that only about 12 percent of customers will have usage in the higher rate block more than three months out of each year.
- **Uniform Energy Charge for General Service Customer Classes:** For the small and large general service classes, the energy charge is proposed to be changed from a declining block energy charge to a uniform energy charge. Under the proposed rate structure, all energy will be charged at the same rate. This change is consistent with the District's cost of service, simplification, and efficient use of electricity ratemaking principles.
- **Decreased Industrial Customer Charge:** The customer charge for the industrial customer class is proposed to decrease from \$760 to \$75. This reduction is consistent with the cost-of-service analysis levels for the industrial customer class. In addition, the introduction of the minimum demand charge for the industrial customer class will help maintain a level of monthly fixed cost recovery for these customers.
- **Uniform Facilities Charges for Irrigation Customer Class:** The facilities charges for the irrigation customer class are proposed to be adjusted from declining block charges to a uniform charge. In addition, this customer class's rates are proposed to be increased in line with cost-of-service levels. A uniform facilities charge will more accurately match the costs of serving these customers, and will promote correct sizing of irrigation services. In addition, increased facilities charges will reduce the seasonal energy charge consistent with the cost-of-service levels.
- **Increased Facilities Charges for Frost Control Customer Class:** The facilities charges for the frost control customer class are proposed to increase in line with cost-of-service levels. However, no overall revenue increase for the customer class is proposed. The proposed rate structure includes a decreasing energy charge that with the higher facilities charges will on average keep revenues at existing levels.

Proposed Rates

Table 4-1 summarizes the existing and proposed rates for each customer class. The detailed rate design analysis is provided in Appendix E.

Table 4-1
Okanogan County PUD
Existing and Proposed Rates

	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
Schedule No. 2 - Residential					
<u>Base Rates</u>					
Basic Charge (\$/month)	\$10.00	\$17.89	\$10.00	\$10.00	\$10.00
Energy Charge (\$/kWh)					
< 2,000 kWh (2)	0.04400	0.05085	0.04400	0.05000	0.05750
> 2,000 kWh	0.04400	0.05085	0.05682	0.05770	0.06316
Minimum Charge (\$/month)	10.00	64.48	n/a	n/a	n/a
Minimum Energy Charge (\$/month)			15.00	20.00	25.00
kWh in Minimum Energy Charge			300	400	500
Percent Change in Revenue		23.7%	9.5%	9.5%	9.5%

Notes

(1) Cost of Service rates include allocation of wholesale revenues.

(2) Charged on all energy in excess of kWh in minimum energy charge.

	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
Schedule No. 3 - Small General Service (<50 kW)					
<u>Base Rates</u>					
Basic Charge (\$/month)	\$12.00	\$22.77	\$12.00	\$12.00	\$12.00
Energy Charge (\$/kWh)					
< 15,000 kWh (2)	0.05300	0.04560	0.05499	0.05730	0.05855
> 15,000 kWh	0.04800	0.04560	0.05499	0.05730	0.05855
Demand Charge (\$/kW/month above 50 kW)	2.00	0.00	0.00	0.00	0.00
Minimum Charge (\$/month)	12.00	70.59	n/a	n/a	n/a
Minimum Energy Charge (\$/month)	n/a	n/a	15.00	20.00	25.00
kWh in Minimum Energy Charge			300	400	500
Percent Change in Revenue		-2.6%	5.0%	4.0%	2.5%

Notes

(1) Cost of Service rates include allocation of wholesale revenues.

(2) Charged on all energy in excess of kWh in minimum energy charge.

Table 4-1 (Continued)

	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
Schedule No. 3 - Large General Service (>50kW)					
<u>Base Rates</u>					
Basic Charge (\$/month)	\$12.00	\$29.21	\$12.00	\$12.00	\$12.00
Energy Charge (\$/kWh)					
0 - 15,000 kWh	0.05300	0.02052	0.04221	0.04183	0.04150
> 15,000 kWh	0.04800	0.02052	0.04221	0.04183	0.04150
Demand Charge (\$/kW/month above 50 kW)	2.00	n/a	n/a	n/a	n/a
Demand Charge (\$/all kW/month)	n/a	9.08	4.00	4.50	5.00
Minimum Charge (\$/month)	12.00	582.44	n/a	n/a	n/a
Minimum Demand Charge (\$/month)	n/a	n/a	200.00	225.00	250.00
Power Factor Charge (2)	97.0%		97.0%	97.0%	97.0%
Percent Change in Revenue		-8.8%	2.0%	2.0%	2.0%

Notes

- (1) Cost of Service rates include allocation of wholesale revenues.
- (2) For every percentage a customer's power factor is below 97 percent, the demand charge will increase 1.0 percent.

	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
Schedule No. 4 - Primary Industrial Service					
<u>Base Rates</u>					
Basic Charge (\$/month)	\$760.00	\$94.74	\$75.00	\$75.00	\$75.00
Energy Charge (\$/kWh)	0.03750	0.02193	0.03394	0.03506	0.03631
Demand Charge (\$/billed kW/month)	2.25	7.78	4.50	5.00	5.50
Minimum Charge (\$/month)	760.00	23,131.66	n/a	n/a	n/a
Minimum Demand Charge (\$/month)	n/a	n/a	4,500.00	5,000.00	5,500.00
Power Factor Charge (2)	97.0%		97.0%	97.0%	97.0%
Percent Change in Revenue		-6.8%	5.0%	5.0%	5.0%

Notes

- (1) Cost of Service rates include allocation of wholesale revenues.
- (2) For every percentage a customer's power factor is below 97 percent, the demand charge will increase 1.0 percent.

Table 4-1 (Continued)

	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			Jan 2011	Jan 2012	Jan 2013
Schedule No. 6 - Irrigation					
<u>Base Rates (2)</u>					
Facilities Charge					
< 75 HP (\$/HP month)	\$1.55	\$7.67	\$2.00	\$3.00	\$4.00
> 75 HP (\$/HP month)	1.00	7.67	2.00	3.00	4.00
Seasonal Energy Charge	0.02870	0.01974	0.02838	0.02733	0.02659
Percent Change in Revenue		59.7%	9.5%	9.5%	9.5%

Notes

(1) Cost of Service rates include allocation of wholesale revenues.

(2) Rate schedule is based on continuous service for the irrigation season of April 1 through October 31.

	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
Schedule No. 7 - Frost Control					
<u>Base Rates (2)</u>					
Annual Facilities Charge (\$/horsepower)	\$3.45	\$5.97	\$4.00	\$4.25	\$4.50
Energy Charge (\$/kWh)	0.05300	0.00726	0.04020	0.03444	0.02874
Percent Change in Revenue		9.7%	0.0%	0.0%	0.0%

Notes

(1) Cost of Service rates include allocation of wholesale revenues.

(2) Customers served under this customer class are billed once annually in June.

The proposed rates reflect the policies and rate design direction provided by the District's staff and Board of Commissioners. Residential and Irrigation customer class rates are proposed to be increased on average 9.5 percent over current rates in each year from 2010 to 2012. Small General Service rates are proposed to be increased 5.0 percent on average from current rates, followed by lower rate increases in 2011 and 2012. Large General Service rates are proposed to increase on average at 2.0 percent each year. The increase is proposed to be less for the Large General Service relative to the Small General Service to reflect that the Large General Service currently is above cost-of-service levels. Industrial rates are proposed to increase on average 5.0 percent in each year from 2010 through 2012. No change in revenue is proposed for the Frost Control and Street Lighting classes, although the rate structure is proposed to be changed for the Frost Control customer class. Overall, the District's proposed rates are expected to result in an overall 6.5 percent revenue increase on an annualized basis from the revenues provided with current rates in 2010, or approximately a \$2.1 million increase over the District's TY 2010 revenues in 2010 and similar amounts in the following two years.

Table 4-2 summarizes the estimated revenues for TY 2010 under existing and proposed rates for each customer class compared to the allocated cost of service for each class. In addition, the estimated change in TY 2010 revenues as compared to revenues under existing rates is summarized. Similar revenue increases are projected to occur in both 2011 and 2012 under the proposed rates.

Table 4-2
 Okanogan County PUD
 Summary of Estimated Test Year 2010 Revenues
 Based on Proposed Rates

Customer Class	Adjusted Revenue Under Existing Rates	Allocated Cost of Service	Percent Over (Under) Revenue at Existing Rates	Revenue Under TY 2010 Proposed Rates	Percent Over (Under) Revenue at Existing Rates
Residential	\$15,078,884	\$18,658,443	23.7%	\$16,513,263	9.5%
Small General Service	2,142,632	2,086,684	-2.6%	2,249,931	5.0%
Large General Service	9,789,952	8,923,792	-8.8%	9,986,410	2.0%
Industrial	2,736,705	2,549,483	-6.8%	2,873,482	5.0%
Irrigation	2,322,301	3,709,746	59.7%	2,542,938	9.5%
Frost Control	68,344	74,959	9.7%	68,341	0.0%
Street Lights	124,862	132,213	5.9%	124,862	0.0%
Total	\$32,263,678	\$36,135,319	12.0%	\$34,359,228	6.5%

Appendix A
District's Test Year 2010 Revenue Requirements

Okanogan County PUD
2010 Electric System Rate Study
Operating Revenues and Revenue Requirements
Projected Test Year 2010

Line No.	2010	Pro Forma Adjustments	Adjusted Test Year 2010	Pro Forma Adjustment Number
1 Operating Revenues				
2 Residential	15,078,884	-	15,078,884	
3 Small General Service	2,142,632	-	2,142,632	
4 Large General Service	9,789,952	-	9,789,952	
5 Industrial	2,736,705	-	2,736,705	
6 Irrigation	2,322,301	-	2,322,301	
7 Frost Control	68,344	-	68,344	
8 Street Lighting	124,862	-	124,862	
9 Sales for Resale	4,937,444	-	4,937,444	
10 Total Revenues From Sales of Electricity	37,201,122	3,871,641	41,072,763	1
11 Other Electric Revenues	690,773	-	690,773	
12 Total Revenues	37,891,895	3,871,641	41,763,536	
13 Operating Expenses				
14 Cost of Purchased Power	24,157,464	-	24,157,464	
15 Other Power Costs	578,000	-	578,000	
16 Transmission Operation	131,000	-	131,000	
17 Distribution Operation	5,671,000	-	5,671,000	
18 Customer Accounts	1,522,000	-	1,522,000	
19 Customer Service and Information	509,000	-	509,000	
20 Administrative and General	2,950,000	-	2,950,000	
21 Depreciation Expense	2,938,709	-	2,938,709	
22 Amortization Expense - Acquisition Adj	31,291	-	31,291	
23 Tax Expense	1,949,278	-	1,949,278	
24 Total Operating and Maintenance Expense	40,437,742	-	40,437,742	
25 Interest on Long-Term Debt	684,000	-	684,000	
26 Loss on Reacquired Debt - 2001 N	24,919	-	24,919	
27 Debt Issuance Expense and Discount	23,154	-	23,154	
28 Operating Cost of Electric Service	41,169,815	-	41,169,815	
29 Margins or Increase in Net Assets	(2,473,919)	3,871,641	1,397,722	
30 Operating Revenue Requirements	38,695,895	3,871,641	42,567,536	
31 Non-Operating Revenues				
32 Interest Income	262,000	-	262,000	
33 Contributions in Aid of Construction	542,000	-	542,000	
34 Other Deductions	-	-	-	
35 Total Non-Operating Margins	804,000	-	804,000	
36 Total Revenue Requirements	38,695,895	3,871,641	42,567,536	
37 Less Interest Income	(262,000)	-	(262,000)	
38 Less Contributions in Aid of Construction	(542,000)	-	(542,000)	
39 Less Other Revenues	(690,773)	-	(690,773)	
Less Wholesale Revenues	(4,937,444)	-	(4,937,444)	
40 Revenue Requirements from Retail Rates	32,263,678	3,871,641	36,135,319	
41 Revenue Increase (Decrease)			3,871,641	
42 Percent Change (Excluding Wholesale Revenues)			12.0%	
43 Debt Service Coverage Ratio (DSCR)	0.74		3.23	
44 TIER (Operating)	(3.72)		1.94	
45 TIER (Total)	(2.55)		3.11	

Proforma Adjustments:

- 1 Assumes retail revenue increase equal to 12% retail rate increase effective for a 12 month period.

Appendix B
Functionalization of Revenue Requirements



Okanogan County PUD
 2010 Electric System Rate Study
 Functionalization of Expenses
 Adjusted Test Year 2010

Line	Description	Account	Function Factor	Adjusted Test Year 2010	Function		
					Production	Transmission	Distribution
REVENUE REQUIREMENTS							
1	OPERATING EXPENSES						
2							
3	Miscellaneous Hydraulic Power Expense	539.00	Prod	19,127	19,127	-	-
4	Miscellaneous Hydraulic Power Expense - Labor		Prod	266	266	-	-
5	Miscellaneous Expense - Generation	549.00	Prod	1,019	1,019	-	-
6	Miscellaneous Expense - Generation - Labor		Prod	0	-	-	-
7	Rental Expense - Generation	550.00	Prod	7,589	7,589	-	-
8	Purchased Power - Miscellaneous	555.00	Prod	0	-	-	-
9	Purchased Power - Bonneville Power	555.10	Prod	0	-	-	-
10	BPA Block	555.10	Prod	4,864,235	4,864,235	-	-
11	BPA Slice	555.10	Prod	10,826,540	10,826,540	-	-
12	BPA Transmission and Ancillary Services	555.10	Prod	2,071,380	2,071,380	-	-
13	BPA Irrigation Customer Class Credit	555.10	Prod	0	-	-	-
14	Purchased Power - Wells Dam Power	555.20	Prod	3,764,928	3,764,928	-	-
15	Purchased Power - Nine Canyon Wind	555.70	Prod	2,630,381	2,630,381	-	-
16	System Control and Load Dispatch	556.00	Prod	330,930	330,930	-	-
17	Power Supply Expense	557.00	Prod	130,167	130,167	-	-
18	Power Supply Expense - Labor		Prod	88,902	88,902	-	-
19	TOTAL POWER COSTS			24,735,464	24,735,464	0	0
20	Operation Supervision and Engineering	560.00	Trans	0	-	-	-
21	Operation Supervision and Engineering - Labor		Trans	0	-	-	-
22	Overhead Line Expense	563.00	Trans	12,075	-	12,075	-
23	Overhead Line Expense - Labor		Trans	10,164	-	10,164	-
24	Misc Transmission Expense	566.00	Trans	8,295	-	8,295	-
25	Misc Transmission Expense - Labor		Trans	0	-	-	-
26	Rents	567.00	Trans	3,043	-	3,043	-
27	Maintenance Supervision and Engineering	568.00	Trans	12	-	12	-
28	Maintenance Supervision and Engineering - Labor		Trans	366	-	366	-
29	Maintenance of Overhead Lines	571.00	Trans	93,873	-	93,873	-
30	Maintenance of Overhead Lines - Labor		Trans	3,171	-	3,171	-
31	TOTAL TRANSMISSION OPERATION			131,000	0	131,000	0
32	Operation Supervision and Engineering	580.00	Dist	127,129	-	-	127,129
33	Operation Supervision and Engineering - Labor		Dist	801,032	-	-	801,032
34	Station Operation Expenses	582.00	Dist	117,235	-	-	117,235
35	Station Operation Expenses - Labor		Dist	81,226	-	-	81,226
36	Overhead Line Expenses	583.00	Dist	118,955	-	-	118,955
37	Overhead Line Expenses - Labor		Dist	424,190	-	-	424,190
38	Underground Line Expenses	584.00	Dist	24,848	-	-	24,848
39	Underground Line Expenses - Labor		Dist	105,956	-	-	105,956
40	Street Lighting/Signal Systems	585.00	Dist	68	-	-	68
41	Street Lighting/Signal Systems - Labor		Dist	0	-	-	-
42	Operations Meter Expenses	586.00	Dist	138,666	-	-	138,666

Okanogan County PUD
2010 Electric System Rate Study
Functionalization of Expenses
Adjusted Test Year 2010

Line	Description	Account	Function Factor	Adjusted Test Year 2010	Function		
					Production	Transmission	Distribution
43	Operations Meter Expenses - Labor		Dist	370,903	-	-	370,903
44	Customer Installation Expenses	587.00	Dist	26,891	-	-	26,891
45	Customer Installation Expenses - Labor		Dist	142,504	-	-	142,504
46	Miscellaneous Distribution Expenses	588.00	Dist	542,630	-	-	542,630
47	Miscellaneous Distribution Expenses - Labor		Dist	252,493	-	-	252,493
48	Operations Internal Telecom	588.10	Dist	117,832	-	-	117,832
49	Rents	589.00	Dist	16,900	-	-	16,900
50	Maintenance Supervision and Engineering	590.00	Dist	17,590	-	-	17,590
51	Maintenance Supervision and Engineering - Labor		Dist	144,595	-	-	144,595
52	Maintenance of Station Equipment	592.00	Dist	83,906	-	-	83,906
53	Maintenance of Station Equipment - Labor		Dist	85,956	-	-	85,956
54	Maintenance of Overhead Lines	593.00	Dist	1,198,800	-	-	1,198,800
55	Maintenance of Overhead Lines - Labor		Dist	435,258	-	-	435,258
56	Maintenance of Underground Lines	594.00	Dist	28,700	-	-	28,700
57	Maintenance of Underground Lines - Labor		Dist	81,181	-	-	81,181
58	Maintenance of Line Transformers	595.00	Dist	53,784	-	-	53,784
59	Maintenance of Line Transformers - Labor		Dist	89,529	-	-	89,529
60	Maintenance of Street Lights & Signal Systems	596.00	Dist	13,799	-	-	13,799
61	Maintenance of Street Lights & Signal Systems - Labor		Dist	14,946	-	-	14,946
62	Maintenance of Meters	597.00	Dist	0	-	-	-
63	Operations Miscellaneous Maintenance	598.00	Dist	755	-	-	755
64	Operations Miscellaneous Maintenance - Labor		Dist	12,745	-	-	12,745
65	TOTAL DISTRIBUTION OPERATION			5,671,000	0	0	5,671,000
66	Meter Reading Expenses	902.00	Dist	62,268	-	-	62,268
67	Meter Reading Expenses - Labor		Dist	260,278	-	-	260,278
68	Operations - Collections	903.00	Dist	270,169	-	-	270,169
69	Operations - Collections - Labor		Dist	907,989	-	-	907,989
70	Uncollectible Accounts	904.00	Dist	21,297	-	-	21,297
71	Uncollectible Accounts-Con Loan	904.10	Dist	0	-	-	-
72	TOTAL CUSTOMER ACCOUNTS			1,522,000	0	0	1,522,000
73	Revenues from Jobbing & Contract	415.00	Dist	(47,963)	-	-	(47,963)
74	Revenues from Bulb Sales - (CR)	415.10	Dist	(17,704)	-	-	(17,704)
75	Costs & Exp. Of Jobbing and Contract	416.00	Dist	38,758	-	-	38,758
76	Costs & Exp. Of Jobbing and Contract - Labor		Dist	19,195	-	-	19,195
77	Purchases for Resale (Bulbs)	416.10	Dist	70,467	-	-	70,467
78	Customer Assistance Expenses	908.00	Dist	277,446	-	-	277,446
79	Customer Assistance Expenses - Labor		Dist	136,257	-	-	136,257
80	Informational and Instructional Ad	909.00	Dist	16,678	-	-	16,678
81	Informational and Instructional Ad - Labor		Dist	14,788	-	-	14,788
82	Miscellaneous Customer Service and Information	910.00	Dist	1,081	-	-	1,081
83	TOTAL CUSTOMER SERVICE AND INFORMATION			509,000	0	0	509,000
84	Administrative & General Salaries	920.00	Labor	3,965	79	12	3,874
85	Administrative & General Salaries - Labor		Labor	1,517,318	30,174	4,636	1,482,507

Okanogan County PUD
2010 Electric System Rate Study
Functionalization of Expenses
Adjusted Test Year 2010

Line	Description	Account	Function Factor	Adjusted Test Year 2010	Function		
					Production	Transmission	Distribution
86	Office Supplies & Expenses	921.00	Labor	177,468	3,529	542	173,396
87	Outside Services Employed	923.00	Labor	325,665	6,476	995	318,194
88	Property Insurance	924.00	Gross Plant	83,941	656	4,063	79,221
89	Injuries and Damages	925.00	Labor	182,045	3,620	556	177,869
90	Injuries and Damages - Labor		Labor	6,505	129	20	6,355
91	Employee Pensions and Benefits	926.00	Labor	(1,252,029)	(24,898)	(3,826)	(1,223,305)
92	Employee Pensions and Benefits - Labor		Labor	68,281	1,358	209	66,714
93	Supplemental Leave Balance	926.10	Labor	14,256	284	44	13,929
94	Industrial Leave	926.20	Labor	12	0	0	12
95	Short Term Disability	926.30	Labor	20,056	399	61	19,595
96	Employer Contributions for 401(A)	926.40	Labor	107,717	2,142	329	105,246
97	Employer Contributions for HRA V	926.45	Labor	96,683	1,923	295	94,465
98	Pensions and Benefits - CWPU Trust	926.50	Labor	1,071,557	21,309	3,274	1,046,973
99	Miscellaneous General Exp Boc	930.00	Labor	177,352	3,527	542	173,283
100	Miscellaneous General Exp Boc - Labor		Labor	112,709	2,241	344	110,123
101	Rents - G&A	931.00	Gen Plant	19,193	150	929	18,114
102	Maintenance of General Plant	935.00	Gen Plant	165,242	1,292	7,999	155,951
103	Maintenance of General Plant - Labor		Gen Plant	52,065	407	2,520	49,138
104	TOTAL ADMINISTRATIVE AND GENERAL			2,950,000	54,798	23,546	2,871,656
105	Depreciation Expense - Production		Prod	0	-	-	-
106	Depreciation Expense - Transmission	403.10	Trans	68,419	-	68,419	-
107	Depreciation Expense - Distribution	403.30	Dist	2,261,152	-	-	2,261,152
108	Depreciation Expense - General	403.40	Gen Plant	609,138	4,762	29,486	574,890
109	Amortization Expense - Acquisition Adj	406.00	Trans	31,291	-	31,291	-
110	TOTAL DEPRECIATION AND AMORTIZATION			2,970,000	4,762	129,195	2,836,042
111	State Utility Tax	408.11	Rev Less Wholesale	1,255,058	731,209	15,450	508,400
112	State Privilege Tax	408.12	Rev Less Wholesale	663,370	386,486	8,166	268,718
113	Retailing and Wholesaling Tax	408.13	Rev Less Wholesale	311	181	4	126
114	Service Tax (Carrying Charges)	408.16	Rev Less Wholesale	35,161	20,485	433	14,243
115	Unemployment Compensating Tax	408.21	Labor	0	-	-	-
116	State Industrial and Medical Tax	408.23	Labor	(4,622)	(92)	(14)	(4,516)
117	Leasehold Tax	408.80	Rev Less Wholesale	0	-	-	-
118	TOTAL TAXES			1,949,278	1,138,269	24,038	786,970
119	TOTAL OPERATING EXPENSES			40,437,742	25,933,293	307,780	14,196,668
120	Check						

Okanogan County PUD
2010 Electric System Rate Study
Functionalization of Expenses
Adjusted Test Year 2010

Line	Description	Account	Function Factor	Adjusted Test Year 2010	Function		
					Production	Transmission	Distribution
121	FIXED CHARGES						
122							
123	Interest on Long Term Debt - 200	427.60	Net Plant	286,793	20,968	31,953	233,872
124	Interest on Long Term Debt - 200	427.70	Net Plant	397,207	29,041	44,255	323,911
125	Loss on Reacquired Debt - 2001 N	428.50	Net Plant	24,919	1,822	2,776	20,321
126	Debt Issuance Expense and Discount	428.60	Net Plant	9,327	682	1,039	7,606
127	Debt Issuance Expense and Discount	428.70	Net Plant	13,828	1,011	1,541	11,276
128	TOTAL INTEREST ON LONG TERM DEBT			732,073	53,524	81,564	596,985
129	NET OPERATING MARGIN			(3,277,919)	n/a	n/a	n/a
130	Check			(0)			
131	INTEREST INCOME						
132							
133	Interest Income	419.00	Net Plant	230,659	16,864	25,699	188,096
134	Interest Income - Interdivisional	419.10	Net Plant	36,721	2,685	4,091	29,945
135	Gain or Loss on Disposition of Property	421.10	Net Plant	(5,380)	(393)	(599)	(4,388)
136	TOTAL INTEREST INCOME			262,000	19,156	29,191	213,654
137	CONTRIBUTIONS AND DONATIONS						
138							
139	Contributions in Aid of Construction	422.00	Dist	542,000	-	-	542,000
140	TOTAL CONTRIBUTIONS AND DONATIONS			542,000	0	0	542,000
141	Margins or Increase in Net Assets		TIER	1,397,722	102,192	155,727	1,139,803
142	Operating Revenue Requirement			42,567,536	26,089,009	545,071	15,933,456
143	Less Contributions in Aid of Construction		Dist	542,000	-	-	542,000
144	Less Non-Operating Revenue			262,000	19,156	29,191	213,654
145	Less Other Electric Revenues		RateBs	690,773	79,623	71,057	540,094
146	Revenue Requirement from Rates			41,072,763	25,990,231	444,823	14,637,709
147	Wholesale Revenues		Prod	(4,937,444)	(4,937,444)	-	-
148	Revenue Requirement from Retail Rates			36,135,319	21,052,787	444,823	14,637,709
149	OPERATING TIER						
150	Including Wholesale Revenues			2.66	2.66	2.66	2.66
151	Excluding Wholesale Revenues						
152	TOTAL TIER						
153	Including Wholesale Revenues			3.04	3.04	3.04	3.04
154	Excluding Wholesale Revenues						

Okanogan County PUD
2010 Electric System Rate Study
Functionalization of Expenses
Adjusted Test Year 2010

Line	Description	Account	Function Factor	Adjusted Test Year 2010	Function			
					Production	Transmission	Distribution	
RATE BASE								
155	Organization - Intangible Plant	301.00	Gr PTD Plant	28,685	224	1,389	27,073	
156	Misc Intangible Plant	303.00	Gr PTD Plant	63,612	497	3,079	60,035	
157	TOTAL INTANGIBLE PLANT			92,297	722	4,468	87,108	
158	Land and Land Rights	310.00	Prod	-	-	-	-	
159	Structures and Improvements	311.00	Prod	-	-	-	-	
160	Boiler Plant Equipment	312.00	Prod	-	-	-	-	
161	Engines and Engine Driven Generators	313.00	Prod	-	-	-	-	
162	Turbogenerator Units	314.00	Prod	-	-	-	-	
163	Accessory Electric Equipment	315.00	Prod	-	-	-	-	
164	Miscellaneous Power Plant Equipment	316.00	Prod	-	-	-	-	
165	Land and Land Rights	330.00	Prod	8,145	8,145	-	-	
166	Structures & Improvements	331.00	Prod	106,196	106,196	-	-	
167	Reservoirs, Dams, & Waterways	332.00	Prod	271,978	271,978	-	-	
168	Water Wheels, Turbines, & Generators	333.00	Prod	161,950	161,950	-	-	
169	Accessory Electric Equipment	334.00	Prod	19,418	19,418	-	-	
170	Misc Power Plant Equipment	335.00	Prod	20,707	20,707	-	-	
171	TOTAL HYDROELECTRIC PLANT			588,393	588,393	0	0	
172	Land and Land Rights	350.00	Trans	152,482	-	152,482	-	
173	Structures and Improvements	352.00	Trans	-	-	-	-	
174	Station Equipment	353.00	Trans	-	-	-	-	
175	Towers and Fixtures	354.00	Trans	109,867	-	109,867	-	
176	Poles and Fixtures	355.00	Trans	1,428,864	-	1,428,864	-	
177	Overhead Conductors and Devices	356.00	Trans	1,951,685	-	1,951,685	-	
178	Underground Conduits-Trans	357.00	Trans	-	-	-	-	
179	UG Conductors & Devices-Trans	358.00	Trans	-	-	-	-	
180	TOTAL TRANSMISSION PLANT			3,642,898	0	3,642,898	0	
181	Land and Land Rights	360.00	Dist	241,561	-	-	241,561	
182	Structures and Improvements	361.00	Dist	461,629	-	-	461,629	
183	Station Equipment	362.00	Dist	12,821,815	-	-	12,821,815	
184	Poles, Towers, and Fixtures	364.00	Dist	14,223,880	-	-	14,223,880	
185	Overhead Conductors and Devices	365.00	Dist	11,337,153	-	-	11,337,153	
186	Underground Conduit	366.00	Dist	3,189,955	-	-	3,189,955	
187	Underground Conductors and Devices	367.00	Dist	7,279,057	-	-	7,279,057	
188	Line Transformers	368.00	Dist	12,179,114	-	-	12,179,114	
189	Services	369.00	Dist	6,573,347	-	-	6,573,347	
190	Meters	370.00	Dist	2,038,563	-	-	2,038,563	
191	Installations on Customer's Premises	371.00	Dist	162,071	-	-	162,071	
192	Leased Property	372.00	Dist	-	-	-	-	
193	Street Lighting and Signal Systems	373.00	Dist	517,910	-	-	517,910	
194	TOTAL DISTRIBUTION PLANT			71,026,055	0	0	71,026,055	

Okanogan County PUD
2010 Electric System Rate Study
Functionalization of Expenses
Adjusted Test Year 2010

Line	Description	Account	Function Factor	Adjusted Test Year 2010	Function		
					Production	Transmission	Distribution
195	Land and Land Rights	389.00	Gr PTD Plant	275,880	2,157	13,354	260,368
196	Structures and Improvements	390.00	Gr PTD Plant	3,815,459	29,831	184,691	3,600,938
197	Office Furniture & Equipment - General	391.00	Gr PTD Plant	1,517,878	11,867	73,474	1,432,536
198	Computer Equipment	391.00	Gr PTD Plant	-	-	-	-
199	Transportation Equipment	392.00	Gr PTD Plant	3,834,083	29,976	185,592	3,618,514
200	Stores Equipment	393.00	Gr PTD Plant	69,473	543	3,363	65,567
201	Tools, Shop, and Garage Equip	394.00	Gr PTD Plant	940,073	7,350	45,505	887,218
202	Laboratory Equipment	395.00	Gr PTD Plant	321,717	2,515	15,573	303,629
203	Power Operated Equipment	396.00	Gr PTD Plant	795,636	6,221	38,513	750,902
204	Communication Equipment	397.00	Gr PTD Plant	3,987,650	31,177	193,026	3,763,448
205	Miscellaneous Equipment	398.00	Gr PTD Plant	64,979	508	3,145	61,325
206	Other Tangible Property - General	399.00	Gr PTD Plant	27	0	1	25
207	TOTAL GENERAL PLANT			15,622,855	122,146	756,238	14,744,470
208	SUBTOTAL ELECTRIC PLANT IN SERVICE			90,972,498	711,261	4,403,604	85,857,633
209	Construction Work in Progress		CWIP	15,767,600	4,170,171	4,776,915	6,820,514
210	TOTAL ELECTRIC PLANT			106,740,098	4,881,432	9,180,519	92,678,147
211	Working Capital						
212	O&M		O&M L	2,676,210	291,917	50,594	2,333,699
213	Fuel & Purchased Power		Prod	2,978,317	2,978,317	-	-
214	Materials & Supplies		Net Plant	2,997,433	219,152	333,959	2,444,322
215	Prepayments		Net Plant	17,264	1,262	1,923	14,078
216	Deferred Debits		Net Plant	1,027,942	75,156	114,528	838,258
217	SUBTOTAL WORKING CAPITAL			9,697,165	3,565,804	501,004	5,630,357
218	Less Accumulated Depreciation	1080.00					
219	Production		Prod	(568,707)	(568,707)	-	-
220	Transmission		Trans	(2,297,203)	-	(2,297,203)	-
221	Distribution		Dist	(37,269,295)	-	-	(37,269,295)
222	General		Gen Plant	(8,409,095)	(65,746)	(407,050)	(7,936,300)
223	Accum Depr Manual	1080.00	Blank	0	-	-	-
224	Retirements Work in Progress (RWIP)	1088.00	Gross Plant	(120,899)	(945)	(5,852)	(114,102)
225	Loss Due to Retirement	1089.00	Blank	0	-	-	-
226	Accum Provision for Amortization	1150.00	Blank	0	-	-	-
227	TOTAL ACCUMULATED DEPRECIATION AND AMORTIZATION			(48,665,199)	(635,398)	(2,710,105)	(45,319,696)
228	NET RATE BASE			67,772,065	7,811,838	6,971,419	52,988,807

Okanogan County PUD
2010 Electric System Rate Study
Functionalization Factors

Line	Function Factor	Factor	Production	Transmission	Distribution	Total
1		Production direct	1	0	0	1
2	Prod	Production Factor	100.0%	0.0%	0.0%	100.0%
3						
4		Transmission direct	0	1	0	1
5	Trans	Transmission Factor	0.0%	100.0%	0.0%	100.0%
6						
7		Distribution direct	0	0	1	1
8	Dist	Distribution Factor	0.0%	0.0%	100.0%	100.0%
9						
10		O&M less Fuel & Purchased Power	1,775,829	307,780	14,196,668	16,280,278
11	O&M L	O&ML Factor	10.9%	1.9%	87.2%	100.0%
12						
13		Labor less A&G Labor	89,169	13,701	4,381,019	4,483,888
14	Labor	Labor Factor	2.0%	0.3%	97.7%	100.0%
15						
16		Rate Base	7,811,838	6,971,419	52,988,807	67,772,065
17	RateBs	Rate base Factor	11.5%	10.3%	78.2%	100.0%
18						
19		Revenue Requirement	25,990,231	444,823	14,637,709	41,072,763
20	RevReq	Revenue Requirement Factor	63.3%	1.1%	35.6%	100.0%
21						
22		Wholesale Revenues	(4,937,444)	-	-	(4,937,444)
23	Wholesale	Wholesale Revenues Factor	100.0%	0.0%	0.0%	100.0%
24						
25		Rev Req Less Wholesale Revenues	21,052,787	444,823	14,637,709	36,135,319
26	Rev Less Wholesale	Revenue Requirement Less Wholesale Revenue Factor	58.3%	1.2%	40.5%	100.0%
27						
28		Gross P, T, D Plant	588,393	3,642,898	71,026,055	75,257,346
29	Gr PTD Plant	Gross P, T, D Plant Factor	0.8%	4.8%	94.4%	100.0%
30						
31		Net Plant	4,246,034	6,470,415	47,358,450	58,074,899
32	Net Plant	Net plant Factor	7.3%	11.1%	81.5%	100.0%
33						
34		Gross Plant	711,261	4,403,604	85,857,633	90,972,498
35	Gross Plant	Gross plant Factor	0.8%	4.8%	94.4%	100.0%
36						
37		General Plant	122,146	756,238	14,744,470	15,622,855
38	Gen Plant	General plant Factor	0.8%	4.8%	94.4%	100.0%
39						
40		Operating Revenues	26,069,854	515,880	15,719,803	42,305,536
41	Ops Revs	Operating Revenues Factor	61.6%	1.2%	37.2%	100.0%
42						
43		CWIP	3,964,493	4,541,311	6,484,117	14,989,922
44	CWIP	Construction Work in Progress	26.4%	30.3%	43.3%	100.0%
45						
46		TIER	113,136	172,405	1,261,869	1,547,409
47	TIER	TIER Factor	7.3%	11.1%	81.5%	100.0%
48						
49	Blank	Blank	0	0	0	0
50		Blank Factor	0.0%	0.0%	0.0%	0.0%

Appendix C

Classification of Revenue Requirements



Okanogan County PUD
2010 Electric System Rate Study
Classification of Production Expenses
Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Production		
				2010	Energy	Demand	Customer
REVENUE REQUIREMENTS							
1	OPERATING EXPENSES						
2							
3	Miscellaneous Hydraulic Power Expense	539.00	Demand	19,127	-	19,127	-
4	Miscellaneous Hydraulic Power Expense - Labor		Demand	266	-	266	-
5	Miscellaneous Expense - Generation	549.00	Demand	1,019	-	1,019	-
6	Miscellaneous Expense - Generation - Labor		Demand	-	-	-	-
7	Rental Expense - Generation	550.00	Demand	7,589	-	7,589	-
8	Purchased Power - Miscellaneous	555.00	Energy	-	-	-	-
9	Purchased Power - Bonneville Power	555.10	Blank	-	-	-	-
10	BPA Block	555.10	BPA Block	4,864,235	3,660,833	1,203,402	-
11	BPA Slice	555.10	BPA Slice	10,826,540	8,162,145	2,664,395	-
12	BPA Transmission and Ancillary Services	555.10	Demand	2,071,380	-	2,071,380	-
13	BPA Irrigation Customer Class Credit	555.10	Blank	-	-	-	-
14	Purchased Power - Wells Dam Power	555.20	Wells	3,764,928	2,384,291	1,380,637	-
15	Purchased Power - Nine Canyon Wind	555.70	Nine Canyon Wind	2,630,381	2,630,381	-	-
16	System Control and Load Dispatch	556.00	Demand	330,930	-	330,930	-
17	Power Supply Expense	557.00	Demand	130,167	-	130,167	-
18	Power Supply Expense - Labor		Demand	88,902	-	88,902	-
19	TOTAL POWER COSTS			24,735,464	16,837,649	7,897,815	-
20	Operation Supervision and Engineering	560.00	Blank	-	-	-	-
21	Operation Supervision and Engineering - Labor		Blank	-	-	-	-
22	Overhead Line Expense	563.00	Blank	-	-	-	-
23	Overhead Line Expense - Labor		Blank	-	-	-	-
24	Misc Transmission Expense	566.00	Blank	-	-	-	-
25	Misc Transmission Expense - Labor		Blank	-	-	-	-
26	Rents	567.00	Blank	-	-	-	-
27	Maintenance Supervision and Engineering	568.00	Blank	-	-	-	-
28	Maintenance Supervision and Engineering - Labor		Blank	-	-	-	-
29	Maintenance of Overhead Lines	571.00	Blank	-	-	-	-
30	Maintenance of Overhead Lines - Labor		Blank	-	-	-	-
31	TOTAL TRANSMISSION OPERATION			-	-	-	-
32	Operation Supervision and Engineering	580.00	Blank	-	-	-	-
33	Operation Supervision and Engineering - Labor		Blank	-	-	-	-
34	Station Operation Expenses	582.00	Blank	-	-	-	-
35	Station Operation Expenses - Labor		Blank	-	-	-	-
36	Overhead Line Expenses	583.00	Blank	-	-	-	-
37	Overhead Line Expenses - Labor		Blank	-	-	-	-
38	Underground Line Expenses	584.00	Blank	-	-	-	-
39	Underground Line Expenses - Labor		Blank	-	-	-	-
40	Street Lighting/Signal Systems	585.00	Blank	-	-	-	-
41	Street Lighting/Signal Systems - Labor		Blank	-	-	-	-
42	Operations Meter Expenses	586.00	Blank	-	-	-	-

Okanogan County PUD
 2010 Electric System Rate Study
 Classification of Production Expenses
 Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Production		
				2010	Energy	Demand	Customer
43	Operations Meter Expenses - Labor		Blank	-	-	-	-
44	Customer Installation Expenses	587.00	Blank	-	-	-	-
45	Customer Installation Expenses - Labor		Blank	-	-	-	-
46	Miscellaneous Distribution Expenses	588.00	Blank	-	-	-	-
47	Miscellaneous Distribution Expenses - Labor		Blank	-	-	-	-
48	Operations Internal Telecom	588.10	Blank	-	-	-	-
49	Rents	589.00	Blank	-	-	-	-
50	Maintenance Supervision and Engineering	590.00	Blank	-	-	-	-
51	Maintenance Supervision and Engineering - Labor		Blank	-	-	-	-
52	Maintenance of Station Equipment	592.00	Blank	-	-	-	-
53	Maintenance of Station Equipment - Labor		Blank	-	-	-	-
54	Maintenance of Overhead Lines	593.00	Blank	-	-	-	-
55	Maintenance of Overhead Lines - Labor		Blank	-	-	-	-
56	Maintenance of Underground Lines	594.00	Blank	-	-	-	-
57	Maintenance of Underground Lines - Labor		Blank	-	-	-	-
58	Maintenance of Line Transformers	595.00	Blank	-	-	-	-
59	Maintenance of Line Transformers - Labor		Blank	-	-	-	-
60	Maintenance of Street Lights & Signal Systems	596.00	Blank	-	-	-	-
61	Maintenance of Street Lights & Signal Systems - Labor		Blank	-	-	-	-
62	Maintenance of Meters	597.00	Blank	-	-	-	-
63	Operations Miscellaneous Maintenance	598.00	Blank	-	-	-	-
64	Operations Miscellaneous Maintenance - Labor		Blank	-	-	-	-
65	TOTAL DISTRIBUTION OPERATION			-	-	-	-
66	Meter Reading Expenses	902.00	Blank	-	-	-	-
67	Meter Reading Expenses - Labor		Blank	-	-	-	-
68	Operations - Collections	903.00	Blank	-	-	-	-
69	Operations - Collections - Labor		Blank	-	-	-	-
70	Uncollectible Accounts	904.00	Blank	-	-	-	-
71	Uncollectible Accounts-Con Loan	904.10	Blank	-	-	-	-
72	TOTAL CUSTOMER ACCOUNTS			-	-	-	-
73	Revenues from Jobbing & Contract	415.00	Blank	-	-	-	-
74	Revenues from Bulb Sales - (CR)	415.10	Blank	-	-	-	-
75	Costs & Exp. Of Jobbing and Contract	416.00	Blank	-	-	-	-
76	Costs & Exp. Of Jobbing and Contract - Labor		Blank	-	-	-	-
77	Purchases for Resale (Bulbs)	416.10	Blank	-	-	-	-
78	Customer Assistance Expenses	908.00	Blank	-	-	-	-
79	Customer Assistance Expenses - Labor		Blank	-	-	-	-
80	Informational and Instructional Ad	909.00	Blank	-	-	-	-
81	Informational and Instructional Ad - Labor		Blank	-	-	-	-
82	Miscellaneous Customer Service and Information	910.00	Blank	-	-	-	-
83	TOTAL CUSTOMER SERVICE AND INFORMATION			-	-	-	-
84	Administrative & General Salaries	920.00	Labor less A&G	79	-	79	-
85	Administrative & General Salaries - Labor		Labor less A&G	30,174	-	30,174	-

Okanogan County PUD
2010 Electric System Rate Study
Classification of Production Expenses
Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Production		
				2010	Energy	Demand	Customer
86	Office Supplies & Expenses	921.00	Labor less A&G	3,529	-	3,529	-
87	Outside Services Employed	923.00	Labor less A&G	6,476	-	6,476	-
88	Property Insurance	924.00	Gross Plant	656	-	656	-
89	Injuries and Damages	925.00	Labor less A&G	3,620	-	3,620	-
90	Injuries and Damages - Labor		Labor less A&G	129	-	129	-
91	Employee Pensions and Benefits	926.00	Labor less A&G	(24,898)	-	(24,898)	-
92	Employee Pensions and Benefits - Labor		Labor less A&G	1,358	-	1,358	-
93	Supplemental Leave Balance	926.10	Labor less A&G	284	-	284	-
94	Industrial Leave	926.20	Labor less A&G	0	-	0	-
95	Short Term Disability	926.30	Labor less A&G	399	-	399	-
96	Employer Contributions for 401(A)	926.40	Labor less A&G	2,142	-	2,142	-
97	Employer Contributions for HRA V	926.45	Labor less A&G	1,923	-	1,923	-
98	Pensions and Benefits - CWPU Trust	926.50	Labor less A&G	21,309	-	21,309	-
99	Miscellaneous General Exp Boc	930.00	Labor less A&G	3,527	-	3,527	-
100	Miscellaneous General Exp Boc - Labor		Labor less A&G	2,241	-	2,241	-
101	Rents - G&A	931.00	Gen Plant	150	-	150	-
102	Maintenance of General Plant	935.00	Gen Plant	1,292	-	1,292	-
103	Maintenance of General Plant - Labor		Gen Plant	407	-	407	-
104	TOTAL ADMINISTRATIVE AND GENERAL			54,798	-	54,798	-
105	Depreciation Expense - Production		Blank	-	-	-	-
106	Depreciation Expense - Transmission	403.10	Blank	-	-	-	-
107	Depreciation Expense - Distribution	403.30	Blank	-	-	-	-
108	Depreciation Expense - General	403.40	Gen Plant	4,762	-	4,762	-
109	Amortization Expense - Acquisition Adj	406.00	Blank	-	-	-	-
110	TOTAL DEPRECIATION AND AMORTIZATION			4,762	-	4,762	-
111	State Utility Tax	408.11	All Resources	731,209	551,317	179,892	-
112	State Privilege Tax	408.12	All Resources	386,486	291,402	95,083	-
113	Retailing and Wholesaling Tax	408.13	All Resources	181	137	45	-
114	Service Tax (Carrying Charges)	408.16	All Resources	20,485	15,445	5,040	-
115	Unemployment Compensating Tax	408.21	Blank	-	-	-	-
116	State Industrial and Medical Tax	408.23	Labor less A&G	(92)	-	(92)	-
117	Leasehold Tax	408.80	Blank	-	-	-	-
118	TOTAL TAXES			1,138,269	858,301	279,968	-
119	TOTAL OPERATING EXPENSES			25,933,293	17,695,951	8,237,343	0
120	Check			-			

Okanogan County PUD
2010 Electric System Rate Study
Classification of Production Expenses
Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Production		
				2010	Energy	Demand	Customer
121	FIXED CHARGES						
122							
123	Interest on Long Term Debt - 200	427.60	Net Plant	20,968	-	20,968	-
124	Interest on Long Term Debt - 200	427.70	Net Plant	29,041	-	29,041	-
125	Loss on Reacquired Debt - 2001 N	428.50	Net Plant	1,822	-	1,822	-
126	Debt Issuance Expense and Discount	428.60	Net Plant	682	-	682	-
127	Debt Issuance Expense and Discount	428.70	Net Plant	1,011	-	1,011	-
128	TOTAL INTEREST ON LONG TERM DEBT			53,524	-	53,524	-
129	NET OPERATING MARGIN			n/a	n/a	n/a	n/a
130	Check						
131	INTEREST INCOME						
132							
133	Interest Income	419.00	Net Plant	16,864	-	16,864	-
134	Interest Income - Interdivisional	419.10	Net Plant	2,685	-	2,685	-
135	Gain or Loss on Disposition of Property	421.10	Net Plant	(393)	-	(393)	-
136	TOTAL INTEREST INCOME			19,156	-	19,156	-
137	CONTRIBUTIONS AND DONATIONS						
138							
139	Contributions in Aid of Construction	422.00	Blank	-	-	-	-
140	TOTAL CONTRIBUTIONS AND DONATIONS			-	-	-	-
141	Margins or Increase in Net Assets		Net Plant	102,192	-	102,192	-
142	Operating Revenue Requirement			26,089,009	17,695,951	8,393,059	0
143	Less Contributions in Aid of Construction		Blank	0	-	-	-
144	Less Non-Operating Revenue			19,156	0	19,156	0
145	Less Other Electric Revenues		RevReqt	79,623	54,047	25,576	-
146	Revenue Requirement from Rates			25,990,231	17,641,904	8,348,327	0
147	Wholesale Revenues		Energy	(4,937,444)	(4,937,444)	-	-
148	Revenue Requirement from Retail Rates			21,052,787	12,704,460	8,348,327	0
149	OPERATING TIER						
150	Including Wholesale Revenues			2.66	n/a	2.66	n/a
151	Excluding Wholesale Revenues						
152	TOTAL TIER						
153	Including Wholesale Revenues			3.04	n/a	3.04	n/a
154	Excluding Wholesale Revenues						

Okanogan County PUD
 2010 Electric System Rate Study
 Classification of Production Expenses
 Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Production		
				2010	Energy	Demand	Customer
RATE BASE							
155	Organization - Intangible Plant	301.00	Demand	224	-	224	-
156	Misc Intangible Plant	303.00	Demand	497	-	497	-
157	TOTAL INTANGIBLE PLANT			722	-	722	-
158	Land and Land Rights	310.00	Blank	-	-	-	-
159	Structures and Improvements	311.00	Blank	-	-	-	-
160	Boiler Plant Equipment	312.00	Blank	-	-	-	-
161	Engines and Engine Driven Generators	313.00	Blank	-	-	-	-
162	Turbogenerator Units	314.00	Blank	-	-	-	-
163	Accessory Electric Equipment	315.00	Blank	-	-	-	-
164	Miscellaneous Power Plant Equipment	316.00	Blank	-	-	-	-
165	Land and Land Rights	330.00	Demand	8,145	-	8,145	-
166	Structures & Improvements	331.00	Demand	106,196	-	106,196	-
167	Reservoirs, Dams, & Waterways	332.00	Demand	271,978	-	271,978	-
168	Water Wheels, Turbines, & Generators	333.00	Demand	161,950	-	161,950	-
169	Accessory Electric Equipment	334.00	Demand	19,418	-	19,418	-
170	Misc Power Plant Equipment	335.00	Demand	20,707	-	20,707	-
171	TOTAL HYDROELECTRIC PLANT			588,393	-	588,393	-
172	Land and Land Rights	350.00	Blank	-	-	-	-
173	Structures and Improvements	352.00	Blank	-	-	-	-
174	Station Equipment	353.00	Blank	-	-	-	-
175	Towers and Fixtures	354.00	Blank	-	-	-	-
176	Poles and Fixtures	355.00	Blank	-	-	-	-
177	Overhead Conductors and Devices	356.00	Blank	-	-	-	-
178	Underground Conduits-Trans	357.00	Blank	-	-	-	-
179	UG Conductors & Devices-Trans	358.00	Blank	-	-	-	-
180	TOTAL TRANSMISSION PLANT			-	-	-	-
181	Land and Land Rights	360.00	Blank	-	-	-	-
182	Structures and Improvements	361.00	Blank	-	-	-	-
183	Station Equipment	362.00	Blank	-	-	-	-
184	Poles, Towers, and Fixtures	364.00	Blank	-	-	-	-
185	Overhead Conductors and Devices	365.00	Blank	-	-	-	-
186	Underground Conduit	366.00	Blank	-	-	-	-
187	Underground Conductors and Devices	367.00	Blank	-	-	-	-
188	Line Transformers	368.00	Blank	-	-	-	-
189	Services	369.00	Blank	-	-	-	-
190	Meters	370.00	Blank	-	-	-	-
191	Installations on Customer's Premises	371.00	Blank	-	-	-	-
192	Leased Property	372.00	Blank	-	-	-	-
193	Street Lighting and Signal Systems	373.00	Blank	-	-	-	-
194	TOTAL DISTRIBUTION PLANT			-	-	-	-

Okanogan County PUD
2010 Electric System Rate Study
Classification of Production Expenses
Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Production		
				2010	Energy	Demand	Customer
195	Land and Land Rights	389.00	Gross Plant	2,157	-	2,157	-
196	Structures and Improvements	390.00	Gross Plant	29,831	-	29,831	-
197	Office Furniture & Equipment - General	391.00	Gross Plant	11,867	-	11,867	-
198	Computer Equipment	391.00	Gross Plant	-	-	-	-
199	Transportation Equipment	392.00	Gross Plant	29,976	-	29,976	-
200	Stores Equipment	393.00	Gross Plant	543	-	543	-
201	Tools, Shop, and Garage Equip	394.00	Gross Plant	7,350	-	7,350	-
202	Laboratory Equipment	395.00	Gross Plant	2,515	-	2,515	-
203	Power Operated Equipment	396.00	Gross Plant	6,221	-	6,221	-
204	Communication Equipment	397.00	Gross Plant	31,177	-	31,177	-
205	Miscellaneous Equipment	398.00	Gross Plant	508	-	508	-
206	Other Tangible Property - General	399.00	Gross Plant	0	-	0	-
207	TOTAL GENERAL PLANT			122,146	-	122,146	-
208	SUBTOTAL ELECTRIC PLANT IN SERVICE			711,261	-	711,261	-
209	Construction Work in Progress		Demand	4,170,171	-	4,170,171	-
210	TOTAL ELECTRIC PLANT			4,881,432	0	4,881,432	0
211	Working Capital						
212	O&M		O&M L F&PP	291,917	141,091	150,827	-
213	Fuel & Purchased Power		Demand	2,978,317	-	2,978,317	-
214	Materials & Supplies		Net Plant	219,152	-	219,152	-
215	Prepayments		Net Plant	1,262	-	1,262	-
216	Deferred Debits		Net Plant	75,156	-	75,156	-
217	SUBTOTAL WORKING CAPITAL			3,565,804	141,091	3,424,713	-
218	Less Accumulated Depreciation	1080.00					
219	Production		Demand	(568,707)	-	(568,707)	-
220	Transmission		Blank	-	-	-	-
221	Distribution		Blank	-	-	-	-
222	General		Demand	(65,746)	-	(65,746)	-
223	Accum Depr Manual	1080.00	Blank	-	-	-	-
224	RWIP	1088.00	Demand	(945)	-	(945)	-
225	Loss Due to Retirement	1089.00	Blank	-	-	-	-
226	Accum Provision for Amortization	1150.00	Blank	-	-	-	-
227	TOTAL ACCUMULATED DEPRECIATION AND AMORTIZATION			(635,398)	-	(635,398)	-
228	NET RATE BASE			7,811,838	141,091	7,670,747	0

Okanogan County PUD
2010 Electric System Rate Study
Production Classification Factors

			Production			
Line	Production Factor	Factor	Energy	Demand	Customer	Total
1		Energy	100.0%	0.0%	0.0%	100.0%
2	Energy	Energy Factor	100.0%	0.0%	0.0%	100.0%
3						
4		Demand	0.0%	100.0%	0.0%	100.0%
5	Demand	Demand Factor	0.0%	100.0%	0.0%	100.0%
6						
7		BPA Slice	75.4%	24.6%	0.0%	100.0%
8	BPA Slice	BPA Slice Factor	75.4%	24.6%	0.0%	100.0%
9						
10		BPA Block	75.3%	24.7%	0.0%	100.0%
11	BPA Block	BPA Block Factor	75.3%	24.7%	0.0%	100.0%
12						
13		Wells	63.3%	36.7%	0.0%	100.0%
14	Wells	Wells Factor	63.3%	36.7%	0.0%	100.0%
15						
16		Nine Canyon Wind	100.0%	0.0%	0.0%	100.0%
17	Nine Canyon Wind	Nine Canyon Wind Factor	100.0%	0.0%	0.0%	100.0%
18						
19		Weighted Average - All Resources	75.4%	24.6%	0.0%	100.0%
20	All Resources	All Resources Factor	75.4%	24.6%	0.0%	100.0%
21						
22		O&M less Fuel & Purch Power	858,301	917,528	-	1,775,829
23	O&M L F&PP	O&M less Fuel & Purch Power Factor	48.3%	51.7%	0.0%	100.0%
24						
25		Labor less A&G Labor	-	89,169	-	89,169
26	Labor less A&G	Labor less A&G Labor Factor	0.0%	100.0%	0.0%	100.0%
27						
28		A&G Labor	-	33,903	-	33,903
29	A&G Labor	A&G Labor Factor	0.0%	100.0%	0.0%	100.0%
30						
31		Purchased Power	5,014,672	1,380,637	-	6,395,309
32	Purch Pwr	Purchased Power Factor	78.4%	21.6%	0.0%	100.0%
33						

Okanogan County PUD
 2010 Electric System Rate Study
 Production Classification Factors

			Production			
Line	Production Factor	Factor	Energy	Demand	Customer	Total
34		Rate Base	141,091	7,670,747	-	7,811,838
35	RateBs	Rate Base Factor	1.8%	98.2%	0.0%	100.0%
36						
37		Fuel & Purchased Power	5,014,672	1,380,637	-	6,395,309
38	Fuel & PP	Fuel & purchased power Factor	78.4%	21.6%	0.0%	100.0%
39						
40		Revenue Requirement	17,641,904	8,348,327	-	25,990,231
41	RevReq	Revenue Requirement Factor	67.9%	32.1%	0.0%	100.0%
42						
43		Production Plant	-	588,393	-	588,393
44	PrPlt	Production Plant Factor	0.0%	100.0%	0.0%	100.0%
45						
46		Gross Plant	-	4,881,432	-	4,881,432
47	Gross Plant	Gross Plant Factor	0.0%	100.0%	0.0%	100.0%
48						
49		General Plant	-	122,146	-	122,146
50	Gen Plant	General Plant Factor	0.0%	100.0%	0.0%	100.0%
51						
52		Net Plant	-	4,246,034	-	4,246,034
53	Net Plant	Net Plant Factor	0.0%	100.0%	0.0%	100.0%

Okanogan County PUD
 2010 Electric System Rate Study
 Classification of Transmission Expenses
 Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Transmission		
				2010	Energy	Demand	Customer
REVENUE REQUIREMENTS							
1	OPERATING EXPENSES						
2							
3	Miscellaneous Hydraulic Power Expense	539.00	Blank	-	-	-	-
4	Miscellaneous Hydraulic Power Expense - Labor		Blank	-	-	-	-
5	Miscellaneous Expense - Generation	549.00	Blank	-	-	-	-
6	Miscellaneous Expense - Generation - Labor		Blank	-	-	-	-
7	Rental Expense - Generation	550.00	Blank	-	-	-	-
8	Purchased Power - Miscellaneous	555.00	Blank	-	-	-	-
9	Purchased Power - Bonneville Power	555.10	Blank	-	-	-	-
10	BPA Block	555.10	Blank	-	-	-	-
11	BPA Slice	555.10	Blank	-	-	-	-
12	BPA Transmission and Ancillary Services	555.10	Blank	-	-	-	-
13	BPA Irrigation Customer Class Credit	555.10	Blank	-	-	-	-
14	Purchased Power - Wells Dam Power	555.20	Blank	-	-	-	-
15	Purchased Power - Nine Canyon Wind	555.70	Blank	-	-	-	-
16	System Control and Load Dispatch	556.00	Blank	-	-	-	-
17	Power Supply Expense	557.00	Blank	-	-	-	-
18	Power Supply Expense - Labor		Blank	-	-	-	-
19	TOTAL POWER COSTS			-	-	-	-
20	Operation Supervision and Engineering	560.00	Demand	-	-	-	-
21	Operation Supervision and Engineering - Labor		Demand	-	-	-	-
22	Overhead Line Expense	563.00	Demand	12,075	-	12,075	-
23	Overhead Line Expense - Labor		Demand	10,164	-	10,164	-
24	Misc Transmission Expense	566.00	Demand	8,295	-	8,295	-
25	Misc Transmission Expense - Labor		Demand	-	-	-	-
26	Rents	567.00	Demand	3,043	-	3,043	-
27	Maintenance Supervision and Engineering	568.00	Demand	12	-	12	-
28	Maintenance Supervision and Engineering - Labor		Demand	366	-	366	-
29	Maintenance of Overhead Lines	571.00	Demand	93,873	-	93,873	-
30	Maintenance of Overhead Lines - Labor		Demand	3,171	-	3,171	-
31	TOTAL TRANSMISSION OPERATION			131,000	-	131,000	-
32	Operation Supervision and Engineering	580.00	Blank	-	-	-	-
33	Operation Supervision and Engineering - Labor		Blank	-	-	-	-
34	Station Operation Expenses	582.00	Blank	-	-	-	-
35	Station Operation Expenses - Labor		Blank	-	-	-	-
36	Overhead Line Expenses	583.00	Blank	-	-	-	-
37	Overhead Line Expenses - Labor		Blank	-	-	-	-
38	Underground Line Expenses	584.00	Blank	-	-	-	-
39	Underground Line Expenses - Labor		Blank	-	-	-	-
40	Street Lighting/Signal Systems	585.00	Blank	-	-	-	-
41	Street Lighting/Signal Systems - Labor		Blank	-	-	-	-
42	Operations Meter Expenses	586.00	Blank	-	-	-	-

Okanogan County PUD
 2010 Electric System Rate Study
 Classification of Transmission Expenses
 Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Transmission		
				2010	Energy	Demand	Customer
43	Operations Meter Expenses - Labor		Blank	-	-	-	-
44	Customer Installation Expenses	587.00	Blank	-	-	-	-
45	Customer Installation Expenses - Labor		Blank	-	-	-	-
46	Miscellaneous Distribution Expenses	588.00	Blank	-	-	-	-
47	Miscellaneous Distribution Expenses - Labor		Blank	-	-	-	-
48	Operations Internal Telecom	588.10	Blank	-	-	-	-
49	Rents	589.00	Blank	-	-	-	-
50	Maintenance Supervision and Engineering	590.00	Blank	-	-	-	-
51	Maintenance Supervision and Engineering - Labor		Blank	-	-	-	-
52	Maintenance of Station Equipment	592.00	Blank	-	-	-	-
53	Maintenance of Station Equipment - Labor		Blank	-	-	-	-
54	Maintenance of Overhead Lines	593.00	Blank	-	-	-	-
55	Maintenance of Overhead Lines - Labor		Blank	-	-	-	-
56	Maintenance of Underground Lines	594.00	Blank	-	-	-	-
57	Maintenance of Underground Lines - Labor		Blank	-	-	-	-
58	Maintenance of Line Transformers	595.00	Blank	-	-	-	-
59	Maintenance of Line Transformers - Labor		Blank	-	-	-	-
60	Maintenance of Street Lights & Signal Systems	596.00	Blank	-	-	-	-
61	Maintenance of Street Lights & Signal Systems - Labor		Blank	-	-	-	-
62	Maintenance of Meters	597.00	Blank	-	-	-	-
63	Operations Miscellaneous Maintenance	598.00	Blank	-	-	-	-
64	Operations Miscellaneous Maintenance - Labor		Blank	-	-	-	-
65	TOTAL DISTRIBUTION OPERATION			-	-	-	-
66	Meter Reading Expenses	902.00	Blank	-	-	-	-
67	Meter Reading Expenses - Labor		Blank	-	-	-	-
68	Operations - Collections	903.00	Blank	-	-	-	-
69	Operations - Collections - Labor		Blank	-	-	-	-
70	Uncollectible Accounts	904.00	Blank	-	-	-	-
71	Uncollectible Accounts-Con Loan	904.10	Blank	-	-	-	-
72	TOTAL CUSTOMER ACCOUNTS			-	-	-	-
73	Revenues from Jobbing & Contract	415.00	Blank	-	-	-	-
74	Revenues from Bulb Sales - (CR)	415.10	Blank	-	-	-	-
75	Costs & Exp. Of Jobbing and Contract	416.00	Blank	-	-	-	-
76	Costs & Exp. Of Jobbing and Contract - Labor		Blank	-	-	-	-
77	Purchases for Resale (Bulbs)	416.10	Blank	-	-	-	-
78	Customer Assistance Expenses	908.00	Blank	-	-	-	-
79	Customer Assistance Expenses - Labor		Blank	-	-	-	-
80	Informational and Instructional Ad	909.00	Blank	-	-	-	-
81	Informational and Instructional Ad - Labor		Blank	-	-	-	-
82	Miscellaneous Customer Service and Information	910.00	Blank	-	-	-	-
83	TOTAL CUSTOMER SERVICE AND INFORMATION			-	-	-	-
84	Administrative & General Salaries	920.00	Demand	12	-	12	-
85	Administrative & General Salaries - Labor		Demand	4,636	-	4,636	-

Okanogan County PUD
2010 Electric System Rate Study
Classification of Transmission Expenses
Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Transmission		
				2010	Energy	Demand	Customer
86	Office Supplies & Expenses	921.00	Demand	542	-	542	-
87	Outside Services Employed	923.00	Demand	995	-	995	-
88	Property Insurance	924.00	Gross Plant	4,063	-	4,063	-
89	Injuries and Damages	925.00	Demand	556	-	556	-
90	Injuries and Damages - Labor		Demand	20	-	20	-
91	Employee Pensions and Benefits	926.00	Demand	(3,826)	-	(3,826)	-
92	Employee Pensions and Benefits - Labor		Demand	209	-	209	-
93	Supplemental Leave Balance	926.10	Demand	44	-	44	-
94	Industrial Leave	926.20	Demand	0	-	0	-
95	Short Term Disability	926.30	Demand	61	-	61	-
96	Employer Contributions for 401(A)	926.40	Demand	329	-	329	-
97	Employer Contributions for HRA V	926.45	Demand	295	-	295	-
98	Pensions and Benefits - CWPU Trust	926.50	Demand	3,274	-	3,274	-
99	Miscellaneous General Exp Boc	930.00	Demand	542	-	542	-
100	Miscellaneous General Exp Boc - Labor		Demand	344	-	344	-
101	Rents - G&A	931.00	Demand	929	-	929	-
102	Maintenance of General Plant	935.00	Demand	7,999	-	7,999	-
103	Maintenance of General Plant - Labor		Demand	2,520	-	2,520	-
104	TOTAL ADMINISTRATIVE AND GENERAL			23,546	-	23,546	-
105	Depreciation Expense - Production		Blank	-	-	-	-
106	Depreciation Expense - Transmission	403.10	Demand	68,419	-	68,419	-
107	Depreciation Expense - Distribution	403.30	Blank	-	-	-	-
108	Depreciation Expense - General	403.40	Demand	29,486	-	29,486	-
109	Amortization Expense - Acquisition Adj	406.00	Demand	31,291	-	31,291	-
110	TOTAL DEPRECIATION AND AMORTIZATION			129,195	-	129,195	-
111	State Utility Tax	408.11	Demand	15,450	-	15,450	-
112	State Privilege Tax	408.12	Demand	8,166	-	8,166	-
113	Retailing and Wholesaling Tax	408.13	Demand	4	-	4	-
114	Service Tax (Carrying Charges)	408.16	Demand	433	-	433	-
115	Unemployment Compensating Tax	408.21	Demand	-	-	-	-
116	State Industrial and Medical Tax	408.23	Demand	(14)	-	(14)	-
117	Leasehold Tax	408.80	Demand	-	-	-	-
118	TOTAL TAXES			24,038	-	24,038	-
119	TOTAL OPERATING EXPENSES			307,780	0	307,780	0
120	Check			-			

Okanogan County PUD
2010 Electric System Rate Study
Classification of Transmission Expenses
Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Transmission		
				2010	Energy	Demand	Customer
121	FIXED CHARGES						
122							
123	Interest on Long Term Debt - 200	427.60	Demand	31,953	-	31,953	-
124	Interest on Long Term Debt - 200	427.70	Demand	44,255	-	44,255	-
125	Loss on Reacquired Debt - 2001 N	428.50	Demand	2,776	-	2,776	-
126	Debt Issuance Expense and Discount	428.60	Demand	1,039	-	1,039	-
127	Debt Issuance Expense and Discount	428.70	Demand	1,541	-	1,541	-
128	TOTAL INTEREST ON LONG TERM DEBT			81,564	-	81,564	-
129	NET OPERATING MARGIN			n/a	n/a	n/a	n/a
130	Check						
131	INTEREST INCOME						
132							
133	Interest Income	419.00	Demand	25,699	-	25,699	-
134	Interest Income - Interdivisional	419.10	Demand	4,091	-	4,091	-
135	Gain or Loss on Disposition of Property	421.10	Demand	(599)	-	(599)	-
136	TOTAL INTEREST INCOME			29,191	-	29,191	-
137	CONTRIBUTIONS AND DONATIONS						
138							
139	Contributions in Aid of Construction	422.00	Blank	-	-	-	-
140	TOTAL CONTRIBUTIONS AND DONATIONS			-	-	-	-
141	Margins or Increase in Net Assets		Demand	155,727	-	155,727	-
142	Operating Revenue Requirement			545,071	0	545,071	0
143	Less Contributions in Aid of Construction		Blank	0	-	-	-
144	Less Non-Operating Revenue			29,191	0	29,191	0
145	Less Other Electric Revenues		Demand	71,057	-	71,057	-
146	Revenue Requirement from Rates			444,823	0	444,823	0
147	Wholesale Revenues		Blank	-	-	-	-
148	Revenue Requirement from Retail Rates			444,823	0	444,823	0
149	OPERATING TIER						
150	Including Wholesale Revenues			2.66	n/a	2.66	n/a
151	Excluding Wholesale Revenues						
152	TOTAL TIER						
153	Including Wholesale Revenues			3.04	n/a	3.04	n/a
154	Excluding Wholesale Revenues						

Okanogan County PUD
2010 Electric System Rate Study
Classification of Transmission Expenses
Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Transmission		
				2010	Energy	Demand	Customer
RATE BASE							
155	Organization - Intangible Plant	301.00	Demand	1,389	-	1,389	-
156	Misc Intangible Plant	303.00	Demand	3,079	-	3,079	-
157	TOTAL INTANGIBLE PLANT			4,468	-	4,468	-
158	Land and Land Rights	310.00	Blank	-	-	-	-
159	Structures and Improvements	311.00	Blank	-	-	-	-
160	Boiler Plant Equipment	312.00	Blank	-	-	-	-
161	Engines and Engine Driven Generators	313.00	Blank	-	-	-	-
162	Turbogenerator Units	314.00	Blank	-	-	-	-
163	Accessory Electric Equipment	315.00	Blank	-	-	-	-
164	Miscellaneous Power Plant Equipment	316.00	Blank	-	-	-	-
165	Land and Land Rights	330.00	Blank	-	-	-	-
166	Structures & Improvements	331.00	Blank	-	-	-	-
167	Reservoirs, Dams, & Waterways	332.00	Blank	-	-	-	-
168	Water Wheels, Turbines, & Generators	333.00	Blank	-	-	-	-
169	Accessory Electric Equipment	334.00	Blank	-	-	-	-
170	Misc Power Plant Equipment	335.00	Blank	-	-	-	-
171	TOTAL HYDROELECTRIC PLANT			-	-	-	-
172	Land and Land Rights	350.00	Demand	152,482	-	152,482	-
173	Structures and Improvements	352.00	Blank	-	-	-	-
174	Station Equipment	353.00	Blank	-	-	-	-
175	Towers and Fixtures	354.00	Demand	109,867	-	109,867	-
176	Poles and Fixtures	355.00	Demand	1,428,864	-	1,428,864	-
177	Overhead Conductors and Devices	356.00	Demand	1,951,685	-	1,951,685	-
178	Underground Conduits-Trans	357.00	Blank	-	-	-	-
179	UG Conductors & Devices-Trans	358.00	Blank	-	-	-	-
180	TOTAL TRANSMISSION PLANT			3,642,898	-	3,642,898	-
181	Land and Land Rights	360.00	Blank	-	-	-	-
182	Structures and Improvements	361.00	Blank	-	-	-	-
183	Station Equipment	362.00	Blank	-	-	-	-
184	Poles, Towers, and Fixtures	364.00	Blank	-	-	-	-
185	Overhead Conductors and Devices	365.00	Blank	-	-	-	-
186	Underground Conduit	366.00	Blank	-	-	-	-
187	Underground Conductors and Devices	367.00	Blank	-	-	-	-
188	Line Transformers	368.00	Blank	-	-	-	-
189	Services	369.00	Blank	-	-	-	-
190	Meters	370.00	Blank	-	-	-	-
191	Installations on Customer's Premises	371.00	Blank	-	-	-	-
192	Leased Property	372.00	Blank	-	-	-	-
193	Street Lighting and Signal Systems	373.00	Blank	-	-	-	-
194	TOTAL DISTRIBUTION PLANT			-	-	-	-

Okanogan County PUD
2010 Electric System Rate Study
Classification of Transmission Expenses
Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year	Transmission		
				2010	Energy	Demand	Customer
195	Land and Land Rights	389.00	Demand	13,354	-	13,354	-
196	Structures and Improvements	390.00	Demand	184,691	-	184,691	-
197	Office Furniture & Equipment - General	391.00	Demand	73,474	-	73,474	-
198	Computer Equipment	391.00	Blank	-	-	-	-
199	Transportation Equipment	392.00	Demand	185,592	-	185,592	-
200	Stores Equipment	393.00	Demand	3,363	-	3,363	-
201	Tools, Shop, and Garage Equip	394.00	Demand	45,505	-	45,505	-
202	Laboratory Equipment	395.00	Demand	15,573	-	15,573	-
203	Power Operated Equipment	396.00	Demand	38,513	-	38,513	-
204	Communication Equipment	397.00	Demand	193,026	-	193,026	-
205	Miscellaneous Equipment	398.00	Demand	3,145	-	3,145	-
206	Other Tangible Property - General	399.00	Demand	1	-	1	-
207	TOTAL GENERAL PLANT			756,238	-	756,238	-
208	SUBTOTAL ELECTRIC PLANT IN SERVICE			4,403,604	-	4,403,604	-
209	Construction Work in Progress		Demand	4,776,915	-	4,776,915	-
210	TOTAL ELECTRIC PLANT			9,180,519	0	9,180,519	0
211	Working Capital						
212	O&M		Demand	50,594	-	50,594	-
213	Fuel & Purchased Power		Blank	-	-	-	-
214	Materials & Supplies		Demand	333,959	-	333,959	-
215	Prepayments		Demand	1,923	-	1,923	-
216	Deferred Debits		Demand	114,528	-	114,528	-
217	SUBTOTAL WORKING CAPITAL			501,004	-	501,004	-
218	Less Accumulated Depreciation	1080.00					
219	Production		Blank	-	-	-	-
220	Transmission		Demand	(2,297,203)	-	(2,297,203)	-
221	Distribution		Blank	-	-	-	-
222	General		Demand	(407,050)	-	(407,050)	-
223	Accum Depr Manual	1080.00	Blank	-	-	-	-
224	RWIP	1088.00	Demand	(5,852)	-	(5,852)	-
225	Loss Due to Retirement	1089.00	Blank	-	-	-	-
226	Accum Provision for Amortization	1150.00	Blank	-	-	-	-
227	TOTAL ACCUMULATED DEPRECIATION AND AMORTIZATION			(2,710,105)	-	(2,710,105)	-
228	NET RATE BASE			6,971,419	0	6,971,419	0

Okanogan County PUD
 2010 Electric System Rate Study
 Transmission Classification Factors

			Transmission			
Line	Transmission Factor	Factor	Energy	Demand	Customer	Total
1		Demand	-	1.00	-	1.00
2	Demand	Demand Factor	0.0%	100.0%	0.0%	100.0%
3		Gross Plant	0	9,180,519	0	9,180,519
4	Gross Plant	Gross Plant Factor	0.0%	100.0%	0.0%	100.0%

Okanogan County PUD
 2010 Electric System Rate Study
 Classification of Distribution Expenses
 Adjusted Test Year 2010

Line	Description	Account	Classification Factor	Adjusted Test Year 2010	Distribution											
					Energy	Demand	Customer	Streetlights	Irrigation	Meter Reading	Meters	Customer Accounting	Customer Service	Demand Secondary	Customers Secondary	
198	Computer Equipment	391.00	Blank	-	-	-	-	-	-	-	-	-	-	-	-	-
199	Transportation Equipment	392.00	RateBs	3,618,514	-	2,601,837	11,659	23,873	-	5,748	102,995	20,694	7,367	549,617	294,724	
200	Stores Equipment	393.00	RateBs	65,567	-	47,145	211	433	-	104	1,866	375	133	9,959	5,340	
201	Tools, Shop, and Garage Equip	394.00	RateBs	887,218	-	637,940	2,859	5,853	-	1,409	25,253	5,074	1,806	134,760	72,263	
202	Laboratory Equipment	395.00	RateBs	303,629	-	218,320	978	2,003	-	482	8,642	1,736	618	46,118	24,730	
203	Power Operated Equipment	396.00	RateBs	750,902	-	539,925	2,420	4,954	-	1,193	21,373	4,294	1,529	114,055	61,160	
204	Communication Equipment	397.00	RateBs	3,763,448	-	2,706,049	12,126	24,829	-	5,978	107,121	21,522	7,662	571,631	306,529	
205	Miscellaneous Equipment	398.00	RateBs	61,325	-	44,095	198	405	-	97	1,746	351	125	9,315	4,995	
206	Other Tangible Property - General	399.00	RateBs	25	-	18	0	0	-	0	1	0	0	4	2	
207	TOTAL GENERAL PLANT			14,744,470	-	10,601,783	47,509	97,277	-	23,422	419,678	84,321	30,018	2,239,541	1,200,921	
208	SUBTOTAL ELECTRIC PLANT IN SERVICE			85,857,633	-	60,243,941	209,580	615,186	-	23,422	2,458,241	84,321	30,018	14,418,655	7,774,267	
209	Construction Work in Progress		Demand	6,820,514	-	6,820,514	-	-	-	-	-	-	-	-	-	
210	TOTAL ELECTRIC PLANT			92,678,147	0	67,064,455	209,580	615,186	0	23,422	2,458,241	84,321	30,018	14,418,655	7,774,267	
211	Working Capital															
212	O&M		O&M L F&PP	2,333,699	-	1,406,363	64,345	13,009	-	82,713	181,100	297,768	106,006	136,374	46,020	
213	Fuel & Purchased Power		Blank	-	-	-	-	-	-	-	-	-	-	-	-	
214	Materials & Supplies		Net Plant	2,444,322	-	1,770,660	5,134	16,242	-	71	64,040	254	90	381,793	206,039	
215	Prepayments		Net Plant	14,078	-	10,198	30	94	-	0	369	1	1	2,199	1,187	
216	Deferred Debits		Net Plant	838,258	-	607,232	1,761	5,570	-	24	21,962	87	31	130,932	70,659	
217	SUBTOTAL WORKING CAPITAL			5,630,357	-	3,794,453	71,269	34,914	-	82,808	267,471	298,111	106,128	651,298	323,905	
218	Less Accumulated Depreciation	1080.00														
219	Production		Blank	-	-	-	-	-	-	-	-	-	-	-	-	
220	Transmission		Blank	-	-	-	-	-	-	-	-	-	-	-	-	
221	Distribution		Gross Plant	(37,269,295)	-	(26,969,087)	(84,280)	(247,389)	-	(9,419)	(988,549)	(33,909)	(12,072)	(5,798,272)	(3,126,319)	
222	General		Gen Plant	(7,936,300)	-	(5,706,473)	(25,572)	(52,360)	-	(12,607)	(225,894)	(45,386)	(16,158)	(1,205,447)	(646,403)	
223	Accum Depr Manual	1080.00	Blank	-	-	-	-	-	-	-	-	-	-	-	-	
224	RWIP	1088.00	Gross Plant	(114,102)	-	(82,567)	(258)	(757)	-	(29)	(3,026)	(104)	(37)	(17,752)	(9,571)	
225	Loss Due to Retirement	1089.00	Blank	-	-	-	-	-	-	-	-	-	-	-	-	
226	Accum Provision for Amortization	1150.00	Blank	-	-	-	-	-	-	-	-	-	-	-	-	
227	TOTAL ACCUMULATED DEPRECIATION AND AMORTIZATION			(45,319,696)	-	(32,758,127)	(110,110)	(300,506)	-	(22,055)	(1,217,470)	(79,399)	(28,266)	(7,021,470)	(3,782,293)	
228	NET RATE BASE			52,988,807	0	38,100,781	170,739	349,594	0	84,175	1,508,242	303,033	107,881	8,048,483	4,315,879	

Appendix D

Allocation of Revenue Requirements



Okanogan County PUD
2010 Electric System Rate Study
Allocation of Costs - Average Excess Method

Line No.	Allocation	Total	Residential	Small General Service	Large General Service	Industrial	Irrigation	Frost Control	Street Lights	Allocation Factor
1	Production									
2	Energy	\$17,641,904	\$8,037,260	\$977,699	\$4,947,533	\$1,787,519	\$1,842,263	\$13,968	\$35,661	Energy
3	Demand	8,348,327	4,323,257	396,465	2,071,585	497,099	1,023,090	25,478	11,354	A&E
4	Customer	0	0	0	0	0	0	0	0	Blank
5	Total Production Costs	\$25,990,231	\$12,360,517	\$1,374,164	\$7,019,118	\$2,284,618	\$2,865,353	\$39,446	\$47,015	
6										
7	Transmission									
8	Energy	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Blank
9	Demand	444,823	230,356	21,125	110,380	26,487	54,513	1,358	605	A&E
10	Customer	0	0	0	0	0	0	0	0	Blank
11	Total Transmission Costs	\$444,823	\$230,356	\$21,125	\$110,380	\$26,487	\$54,513	\$1,358	\$605	
12										
13	Distribution									
14	Energy	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Blank
15	Demand	8,877,762	4,476,981	475,271	2,483,356	582,186	836,698	7,017	16,251	12 NCP
16	Customer	391,751	321,009	31,037	14,019	75	22,706	2,508	396	Customers
17	Streetlights	82,096	0	0	0	0	0	0	82,096	StreetLt
18	Irrigation	0	0	0	0	0	0	0	0	Irrigation
19	Meter Reading	502,341	377,432	72,984	32,966	177	17,798	983	0	Weighted Meters/MR
20	Meters	1,112,023	703,024	108,137	106,342	3,755	171,788	18,977	0	Weighted Meters/Cap
21	Customer Accounting	1,808,435	1,481,869	143,275	64,716	348	104,819	11,579	1,828	Customers
22	Customer Service	643,808	509,367	68,948	31,143	192	33,628	531	0	Weighted Customers/CS
23	Demand Secondary	900,824	486,159	51,610	269,670	0	90,858	762	1,765	12 NCP Secondary
24	Customers Secondary	318,669	261,174	25,252	11,406	0	18,474	2,041	322	Customers Secondary
25	Total Distribution Costs	\$14,637,709	\$8,617,015	\$976,514	\$3,013,620	\$586,734	\$1,296,770	\$44,397	\$102,659	
26										
27	Total Cost-of-Service	\$41,072,763	\$21,207,888	\$2,371,803	\$10,143,118	\$2,897,839	\$4,216,636	\$85,201	\$150,278	
28										
29	Normalized Revenues under Existing Rates									
30	Retail Rates	\$32,263,678	\$15,078,884	\$2,142,632	\$9,789,952	\$2,736,705	\$2,322,301	\$68,344	\$124,862	
31	Sales for Resale	4,937,444	2,549,445	285,119	1,219,326	348,355	506,891	10,242	18,065	A&E COS
32	Total Normalized Revenues	\$37,201,122	\$17,628,329	\$2,427,751	\$11,009,277	\$3,085,060	\$2,829,191	\$78,586	\$142,927	
33										
34	Over/(Under) Cost-of-Service	(\$3,871,641)	(\$3,579,559)	\$55,948	\$866,160	\$187,221	(\$1,387,445)	(\$6,615)	(\$7,352)	
35										
36	Percent Difference in Retail Rates	12.00%	23.74%	-2.61%	-8.85%	-6.84%	59.74%	9.68%	5.89%	
37										
38	Customer-Months	249,269	204,257	19,749	8,920	48	14,448	1,596	252	
39	kWh - Adj	647,725,120	295,089,205	35,896,365	181,649,412	65,629,024	67,638,979	512,828	1,309,306	
40	kW-Months - Adj	685,675	n/a	n/a	543,553	142,122	n/a	n/a	n/a	
41	Horsepower per Season	321,364	n/a	n/a	n/a	n/a	309,433	11,931	n/a	
42										
43	Unit Costs not including Sales for Resale									
44	\$/Customer-Month		\$17.89	\$22.77	\$29.21	\$94.74	n/a	n/a	\$10.11	
45	\$/kWh		\$0.05949	\$0.05355	\$0.02724	\$0.02724	\$0.02724	\$0.02724	\$0.11283	
46	\$/kW-Month		n/a	n/a	\$9.08	\$7.78	n/a	n/a	n/a	
47	\$/Horsepower		n/a	n/a	n/a	n/a	\$7.67	\$5.97	n/a	
48										
49	Fixed Costs (\$/Customer-Month)		\$64.48	\$70.59	\$582.44	\$23,131.66	\$164.34	\$44.63	\$454.83	
50	Variable Costs (\$/kWh)		\$0.02724	\$0.02724	\$0.02724	\$0.02724	\$0.02724	\$0.02724	\$0.02724	
51										
52	Unit Costs including Sales for Resale									
53	\$/kWh		\$0.05085	\$0.04560	\$0.02052	\$0.02193	\$0.01974	\$0.00726	\$0.09903	
54	Variable Costs (\$/kWh)		\$0.01860	\$0.01929	\$0.02052	\$0.02193	\$0.01974	\$0.00726	\$0.01344	

Okanogan County PUD
2010 Electric System Rate Study
Allocation of Costs - Peak Responsibility Method

Line No.	Allocation	Total	Residential	Small General Service	Large General Service	Industrial	Irrigation	Frost Control	Street Lights	Allocation Factor
1	Production									
2	Energy	\$17,641,904	\$8,037,260	\$977,699	\$4,947,533	\$1,787,519	\$1,842,263	\$13,968	\$35,661	Energy
3	Demand	8,348,327	5,126,595	433,206	2,263,558	509,131	3,432	0	12,405	4 CP
4	Customer	0	0	0	0	0	0	0	0	Blank
5	Total Production Costs	\$25,990,231	\$13,163,855	\$1,410,905	\$7,211,091	\$2,296,650	\$1,845,696	\$13,968	\$48,066	
6										
7	Transmission									
8	Energy	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Blank
9	Demand	444,823	273,160	23,082	120,609	27,128	183	0	661	4 CP
10	Customer	0	0	0	0	0	0	0	0	Blank
11	Total Transmission Costs	\$444,823	\$273,160	\$23,082	\$120,609	\$27,128	\$183	\$0	\$661	
12										
13	Distribution									
14	Energy	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Blank
15	Demand	8,877,762	4,476,981	475,271	2,483,356	582,186	836,698	7,017	16,251	12 NCP
16	Customer	391,751	321,009	31,037	14,019	75	22,706	2,508	396	Customers
17	Streetlights	82,096	0	0	0	0	0	0	82,096	StreetLt
18	Irrigation	0	0	0	0	0	0	0	0	Irrigation
19	Meter Reading	502,341	377,432	72,984	32,966	177	17,798	983	0	Weighted Meters/MR
20	Meters	1,112,023	703,024	108,137	106,342	3,755	171,788	18,977	0	Weighted Meters/Cap
21	Customer Accounting	1,808,435	1,481,869	143,275	64,716	348	104,819	11,579	1,828	Customers
22	Customer Service	643,808	509,367	68,948	31,143	192	33,628	531	0	Weighted Customers/CS
23	Demand Secondary	900,824	486,159	51,610	269,670	0	90,858	762	1,765	12 NCP Secondary
24	Customers Secondary	318,669	261,174	25,252	11,406	0	18,474	2,041	322	Customers Secondary
25	Total Distribution Costs	\$14,637,709	\$8,617,015	\$976,514	\$3,013,620	\$586,734	\$1,296,770	\$44,397	\$102,659	
26										
27	Total Cost-of-Service	\$41,072,763	\$22,054,030	\$2,410,501	\$10,345,320	\$2,910,512	\$3,142,649	\$58,365	\$151,386	
28										
29	Normalized Revenues under Existing Rates									
30	Retail Rates	\$32,263,678	\$15,078,884	\$2,142,632	\$9,789,952	\$2,736,705	\$2,322,301	\$68,344	\$124,862	
31	Sales for Resale	4,937,444	2,651,162	289,771	1,243,633	349,879	377,784	7,016	18,198	PR COS
32	Total Normalized Revenues	\$37,201,122	\$17,730,046	\$2,432,403	\$11,033,584	\$3,086,584	\$2,700,085	\$75,360	\$143,060	
33										
34	Over/(Under) Cost-of-Service	(\$3,871,641)	(\$4,323,984)	\$21,902	\$688,264	\$176,072	(\$442,564)	\$16,995	(\$8,326)	
35										
36	Percent Difference in Retail Rates	12.00%	28.68%	-1.02%	-7.03%	-6.43%	19.06%	-24.87%	6.67%	
37										
38	Customer-Months	249,269	204,257	19,749	8,920	48	14,448	1,596	252	
39	kWh - Adj	647,725,120	295,089,205	35,896,365	181,649,412	65,629,024	67,638,979	512,828	1,309,306	
40	kW-Months - Adj	685,675	n/a	n/a	543,553	142,122	n/a	n/a	n/a	
41	Horsepower per Season	321,364	n/a	n/a	n/a	n/a	309,433	11,931	n/a	
42										
43	Unit Costs not including Sales for Resale									
44	\$/Customer-Month		\$17.89	\$22.77	\$29.21	\$94.74	n/a	n/a	\$10.11	
45	\$/kWh		\$0.06235	\$0.05463	\$0.02724	\$0.02724	\$0.02724	\$0.02724	\$0.11368	
46	\$/kW-Month		n/a	n/a	\$9.45	\$7.87	n/a	n/a	n/a	
47	\$/Horsepower		n/a	n/a	n/a	n/a	\$4.20	\$3.72	n/a	
48										
49	Fixed Costs (\$/Customer-Month)		\$68.62	\$72.55	\$605.11	\$23,395.69	\$90.00	\$27.82	\$459.23	
50	Variable Costs (\$/kWh)		\$0.02724	\$0.02724	\$0.02724	\$0.02724	\$0.02724	\$0.02724	\$0.02724	
51										
52	Unit Costs including Sales for Resale									
53	\$/kWh		\$0.05337	\$0.04655	\$0.02039	\$0.02191	\$0.02165	\$0.01356	\$0.09978	
54	Variable Costs (\$/kWh)		\$0.01825	\$0.01916	\$0.02039	\$0.02191	\$0.02165	\$0.01356	\$0.01334	

Okanogan County PUD
2010 Electric System Rate Study
Allocation Factors

Line	Allocation Factor	Factor	Residential	Small General Service	Large General Service	Industrial	Irrigation	Frost Control	Street Lights	Total
1		CP (kW)	104,847	8,829	46,134	9,867	-	-	294	169,972
2	CP	CP (kW) Factor	61.7%	5.2%	27.1%	5.8%	0.0%	0.0%	0.2%	100.0%
3										
4		4 CP (kW)	363,456	30,713	160,478	36,095	243	-	879	591,865
5	4 CP	4 CP (kW) Factor	61.4%	5.2%	27.1%	6.1%	0.0%	0.0%	0.1%	100.0%
6										
7		12 CP (kW)	726,020	78,323	409,249	107,487	130,271	1,499	879	1,453,729
8	12 CP	12 CP (kW) Factor	49.9%	5.4%	28.2%	7.4%	9.0%	0.1%	0.1%	100.0%
9										
10		1 NCP (kW)	119,358	10,454	54,622	11,824	27,435	738	291	224,722
11	1 NCP	1 NCP (kW) Factor	53.1%	4.7%	24.3%	5.3%	12.2%	0.3%	0.1%	100.0%
12										
13		4 NCP (kW)	342,615	31,001	161,983	34,432	78,883	1,473	868	651,254
14	4 NCP	4 NCP (kW) Factor	52.6%	4.8%	24.9%	5.3%	12.1%	0.2%	0.1%	100.0%
15										
16		12 NCP (kW)	939,549	99,741	521,162	122,179	175,591	1,473	3,411	1,863,106
17	12 NCP	12 NCP (kW) Factor	50.4%	5.4%	28.0%	6.6%	9.4%	0.1%	0.2%	100.0%
18										
19		Secondary 12 NCP (kW)	939,549	99,741	521,162	-	175,591	1,473	3,411	1,740,927
20	12 NCP Secondary	Secondary 12 NCP (kW) Factor	54.0%	5.7%	29.9%	0.0%	10.1%	0.1%	0.2%	100.0%
21										
22		Average & Excess	0.518	0.047	0.248	0.060	0.123	0.003	0.001	1.00
23	A&E	Average & Excess factor	51.8%	4.7%	24.8%	6.0%	12.3%	0.3%	0.1%	100.0%
24										
25		Retail Energy Sales (kWh)	295,089,205	35,896,365	181,649,412	65,629,024	67,638,979	512,828	1,309,306	647,725,120
26	Energy	Energy Sales factor	45.6%	5.5%	28.0%	10.1%	10.4%	0.1%	0.2%	100.0%
27										
28		Customers	204,257	19,749	8,920	48	14,448	1,596	252	249,269
29	Customers	Customers Factor	81.9%	7.9%	3.6%	0.0%	5.8%	0.6%	0.1%	100.0%
30										
31		Customers/CS Weighting	7.50	10.50	10.50	12.00	7.00	1.00	-	
32										
33		Weighted Customers/CS	1,531,924	207,360	93,663	576	101,136	1,596	-	1,936,255
34	Weighted Customers/CS	Weighted Customers/CS Factor	79.1%	10.7%	4.8%	0.0%	5.2%	0.1%	0.0%	100.0%
35										
36		Customers Secondary	204,257	19,749	8,920	-	14,448	1,596	252	249,221
37	Customers Secondary	Customers Secondary Factor	82.0%	7.9%	3.6%	0.0%	5.8%	0.6%	0.1%	100.0%
38										
39		Meters	17,021	1,646	743	4	1,204	133	21	20,772
40	Meters	Meters Factor	81.9%	7.9%	3.6%	0.0%	5.8%	0.6%	0.1%	100.0%
41										
42		Meters/MR Weighting	6.00	12.00	12.00	12.00	4.00	2.00	-	
43										
44		Weighted Meters/MR	102,128	19,749	8,920	48	4,816	266	-	135,927
45	Weighted Meters/MR	Weighted Meters/MR Factor	75.1%	14.5%	6.6%	0.0%	3.5%	0.2%	0.0%	100.0%
46										
47		Meters/Cap. Cost Weighting	1.00	1.59	3.46	22.73	3.45	3.45	-	
48										
49		Weighted Meters/Cap	17,021	2,618	2,575	91	4,159	459	-	26,924
50	Weighted Meters/Cap	Weighted Meters/Cap Factor	63.2%	9.7%	9.6%	0.3%	15.4%	1.7%	0.0%	100.0%
51										
52		Street Lighting	-	-	-	-	-	-	1.00	1.00
53	StreetLt	Street Lighting Factor	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
54										
55		Retail Revenues	15,078,884	2,142,632	9,789,952	2,736,705	2,322,301	68,344	124,862	32,263,678
56	Retail Revenues	Retail Revenues Factor	46.7%	6.6%	30.3%	8.5%	7.2%	0.2%	0.4%	100.0%

Okanogan County PUD
 2010 Electric System Rate Study
 Allocation Factors

Line	Allocation Factor	Factor	Residential	Small General Service	Large General Service	Industrial	Irrigation	Frost Control	Street Lights	Total
57										
58		Irrigation	-	-	-	-	1.00	-	-	1.00
59	Irrigation	Irrigation Factor	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%
60										
61		A&E COS	21,207,888	2,371,803	10,143,118	2,897,839	4,216,636	85,201	150,278	41,072,763
62	A&E COS	A&E COS Factor	51.6%	5.8%	24.7%	7.1%	10.3%	0.2%	0.4%	100.0%
63										
64		PR COS	22,054,030	2,410,501	10,345,320	2,910,512	3,142,649	58,365	151,386	41,072,763
65	PR COS	PR COS Factor	53.7%	5.9%	25.2%	7.1%	7.7%	0.1%	0.4%	100.0%
66										
67		Residential	1.00	-	-	-	-	-	-	1.00
68	Residential	Residential Factor	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Appendix E
Rate Design Analysis



Okanogan County PUD
2010 Rate Design Analysis
Current, Cost of Service and Proposed Rates

Schedule No. 2 - Residential	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
<u>Base Rates</u>					
Basic Charge (\$/month)	\$10.00	\$17.89	\$10.00	\$10.00	\$10.00
Energy Charge (\$/kWh)					
< 2,000 kWh (2)	0.04400	0.05085	0.04400	0.05000	0.05750
> 2,000 kWh	0.04400	0.05085	0.05682	0.05770	0.06316
Minimum Charge (\$/month)	10.00	64.48	n/a	n/a	n/a
Minimum Energy Charge (\$/month)			15.00	20.00	25.00
kWh in Minimum Energy Charge			300	400	500
Percent Change in Revenue		23.7%	9.5%	9.5%	9.5%

Notes

- (1) Cost of Service rates include allocation of wholesale revenues.
- (2) Charged on all energy in excess of kWh in minimum energy charge.

Okanogan County PUD
2010 Rate Design Analysis
Current, Cost of Service and Proposed Rates

Schedule No. 3 - Small General Service (<50 kW)	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
<u>Base Rates</u>					
Basic Charge (\$/month)	\$12.00	\$22.77	\$12.00	\$12.00	\$12.00
Energy Charge (\$/kWh)					
< 15,000 kWh (2)	0.05300	0.04560	0.05499	0.05730	0.05855
> 15,000 kWh	0.04800	0.04560	0.05499	0.05730	0.05855
Demand Charge (\$/kW/month above 50 kW)	2.00	0.00	0.00	0.00	0.00
Minimum Charge (\$/month)	12.00	70.59	n/a	n/a	n/a
Minimum Energy Charge (\$/month)	n/a	n/a	15.00	20.00	25.00
kWh in Minimum Energy Charge			300	400	500
Percent Change in Revenue		-2.6%	5.0%	4.0%	2.5%

Notes

- (1) Cost of Service rates include allocation of wholesale revenues.
- (2) Charged on all energy in excess of kWh in minimum energy charge.

Okanogan County PUD
2010 Rate Design Analysis
Current, Cost of Service and Proposed Rates

Schedule No. 3 - Large General Service (>50kW)	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
<u>Base Rates</u>					
Basic Charge (\$/month)	\$12.00	\$29.21	\$12.00	\$12.00	\$12.00
Energy Charge (\$/kWh)					
0 - 15,000 kWh	0.05300	0.02052	0.04221	0.04183	0.04150
> 15,000 kWh	0.04800	0.02052	0.04221	0.04183	0.04150
Demand Charge (\$/kW/month above 50 kW)	2.00	n/a	n/a	n/a	n/a
Demand Charge (\$/all kW/month)	n/a	9.08	4.00	4.50	5.00
Minimum Charge (\$/month)	12.00	582.44	n/a	n/a	n/a
Minimum Demand Charge (\$/month)	n/a	n/a	200.00	225.00	250.00
Power Factor Charge (2)	97.0%		97.0%	97.0%	97.0%
Percent Change in Revenue		-8.8%	2.0%	2.0%	2.0%

Notes

(1) Cost of Service rates include allocation of wholesale revenues.

(2) For every percentage a customer's power factor is below 97 percent, the demand charge will increase 1.0 percent.

Okanogan County PUD
2010 Rate Design Analysis
Current, Cost of Service and Proposed Rates

Schedule No. 4 - Primary Industrial Service	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
<u>Base Rates</u>					
Basic Charge (\$/month)	\$760.00	\$94.74	\$75.00	\$75.00	\$75.00
Energy Charge (\$/kWh)	0.03750	0.02193	0.03394	0.03506	0.03631
Demand Charge (\$/billed kW/month)	2.25	7.78	4.50	5.00	5.50
Minimum Charge (\$/month)	760.00	23,131.66	n/a	n/a	n/a
Minimum Demand Charge (\$/month)	n/a	n/a	4,500.00	5,000.00	5,500.00
Power Factor Charge (2)	97.0%		97.0%	97.0%	97.0%
Percent Change in Revenue		-6.8%	5.0%	5.0%	5.0%

Notes

(1) Cost of Service rates include allocation of wholesale revenues.

(2) For every percentage a customer's power factor is below 97 percent, the demand charge will increase 1.0 percent.

**Okanogan County PUD
2010 Rate Design Analysis
Current, Cost of Service and Proposed Rates**

Schedule No. 6 - Irrigation	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			Jan 2011	Jan 2012	Jan 2013
<u>Base Rates (2)</u>					
Facilities Charge					
< 75 HP (\$/HP month)	\$1.55	\$7.67	\$2.00	\$3.00	\$4.00
> 75 HP (\$/HP month)	1.00	7.67	2.00	3.00	4.00
Seasonal Energy Charge	0.02870	0.01974	0.02838	0.02733	0.02659
Percent Change in Revenue		59.7%	9.5%	9.5%	9.5%

Notes

(1) Cost of Service rates include allocation of wholesale revenues.

(2) Rate schedule is based on continuous service for the irrigation season of April 1 through October 31.

Okanogan County PUD
2010 Rate Design Analysis
Current, Cost of Service and Proposed Rates

Schedule No. 7 - Frost Control	Existing Rates	TY 2010 Cost of Service (1)	Proposed Rates		
			July 2010	July 2011	July 2012
<u>Base Rates (2)</u>					
Annual Facilities Charge (\$/horsepower)	\$3.45	\$5.97	\$4.00	\$4.25	\$4.50
Energy Charge (\$/kWh)	0.05300	0.00726	0.04020	0.03444	0.02874
Percent Change in Revenue		9.7%	0.0%	0.0%	0.0%

Notes

- (1) Cost of Service rates include allocation of wholesale revenues.
- (2) Customers served under this customer class are billed once annually in June.

**Okanogan County PUD
2010 Bill Frequency Analysis**

Rate Adjustment Impact Assessment

District Customer Class Estimated Monthly Bills

(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q)

Schedule No. 6 - Irrigation (M60 - < 75 HP)

Line No.	kWh per month	No. of Customers	% of Total	Cum. % of Total	Annual HP	Bill at Current Rates	Cents per kWh	Bill at Cost of Service	Percent Change	Cents per kWh	Bill at TY 2010 Proposed	Cum. Percent Change	Bill at TY 2011 Proposed	Cum. Percent Change	Bill at TY 2012 Proposed	Cum. Percent Change
1	0	45	4.0%	4.0%	15.0	\$23.25		\$115.10	395.1%		\$30.00	29.0%	\$45.00	93.5%	\$60.00	158.1%
2	500	286	25.6%	29.6%	9.0	28.30	5.66	78.93	178.9%	15.79	32.19	13.7%	40.67	43.7%	49.30	74.2%
3	1,000	108	9.7%	39.3%	8.0	41.10	4.11	81.13	97.4%	8.11	44.38	8.0%	51.33	24.9%	58.59	42.6%
4	1,500	89	8.0%	47.3%	9.0	57.00	3.80	98.67	73.1%	6.58	60.57	6.3%	68.00	19.3%	75.89	33.1%
5	2,000	78	7.0%	54.3%	10.0	72.90	3.65	116.22	59.4%	5.81	76.76	5.3%	84.66	16.1%	93.18	27.8%
6	2,500	72	6.4%	60.7%	12.0	90.35	3.61	141.44	56.5%	5.66	94.95	5.1%	104.33	15.5%	114.48	26.7%
7	3,000	61	5.5%	66.2%	14.0	107.80	3.59	166.65	54.6%	5.56	113.14	5.0%	123.99	15.0%	135.77	25.9%
8	3,500	41	3.7%	69.8%	14.0	122.15	3.49	176.53	44.5%	5.04	127.33	4.2%	137.66	12.7%	149.07	22.0%
9	4,000	39	3.5%	73.3%	17.0	141.15	3.53	209.42	48.4%	5.24	147.52	4.5%	160.32	13.6%	174.36	23.5%
10	4,500	35	3.1%	76.5%	18.0	157.05	3.49	226.96	44.5%	5.04	163.71	4.2%	176.99	12.7%	191.66	22.0%
11	5,000	26	2.3%	78.8%	21.0	176.05	3.52	259.85	47.6%	5.20	183.90	4.5%	199.65	13.4%	216.95	23.2%
12	5,500	25	2.2%	81.0%	23.0	193.50	3.52	285.07	47.3%	5.18	202.09	4.4%	219.32	13.3%	238.25	23.1%
13	6,000	15	1.3%	82.4%	22.0	206.30	3.44	287.27	39.2%	4.79	214.28	3.9%	229.98	11.5%	247.54	20.0%
14	6,500	27	2.4%	84.8%	27.0	228.40	3.51	335.51	46.9%	5.16	238.47	4.4%	258.65	13.2%	280.84	23.0%
15	7,000	20	1.8%	86.6%	25.0	239.65	3.42	330.03	37.7%	4.71	248.66	3.8%	266.31	11.1%	286.13	19.4%
16	7,500	13	1.2%	87.7%	25.0	254.00	3.39	339.90	33.8%	4.53	262.85	3.5%	279.98	10.2%	299.43	17.9%
17	8,000	17	1.5%	89.3%	27.0	271.45	3.39	365.12	34.5%	4.56	281.04	3.5%	299.64	10.4%	320.72	18.2%
18	8,500	14	1.3%	90.5%	27.0	285.80	3.36	374.99	31.2%	4.41	295.23	3.3%	313.31	9.6%	334.02	16.9%
19	9,000	9	0.8%	91.3%	34.0	311.00	3.46	438.58	41.0%	4.87	323.42	4.0%	347.97	11.9%	375.31	20.7%
20	9,500	8	0.7%	92.0%	31.0	320.70	3.38	425.43	32.7%	4.48	331.61	3.4%	352.64	10.0%	376.61	17.4%
21	10,000	8	0.7%	92.7%	29.0	331.95	3.32	419.95	26.5%	4.20	341.80	3.0%	360.30	8.5%	381.90	15.0%
22	15,000	49	4.4%	97.1%	40.0	492.50	3.28	603.07	22.5%	4.02	505.70	2.7%	529.95	7.6%	558.85	13.5%
23	20,000	21	1.9%	99.0%	52.0	654.60	3.27	793.86	21.3%	3.97	671.60	2.6%	702.60	7.3%	739.80	13.0%
24	25,000	7	0.6%	99.6%	43.0	784.15	3.14	823.52	5.0%	3.29	795.50	1.4%	812.25	3.6%	836.75	6.7%
25	30,000	2	0.2%	99.8%	44.0	929.20	3.10	929.90	0.1%	3.10	939.40	1.1%	951.90	2.4%	973.70	4.8%
26	35,000	2	0.2%	100.0%	43.0	1,071.15	3.06	1,020.94	-4.7%	2.92	1,079.30	0.8%	1,085.55	1.3%	1,102.65	2.9%
		1,117														

Note: Represents data for July 2008 - June 2009, excluding the December - April because there is no usage during these months

**Okanogan County PUD
2010 Bill Frequency Analysis**

Rate Adjustment Impact Assessment

District Customer Class Estimated Monthly Bills

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)
Schedule No. 6 - Irrigation (M65 - > 75 HP)																
Line No.	kWh per month	No. of Customers	% of Total	Cum. % of Total	Annual HP	Bill at Current Rates	Cents per kWh	Bill at Cost of Service	Percent Change	Cents per kWh	Bill at TY 2010 Proposed	Cum. Percent Change	Bill at TY 2011 Proposed	Cum. Percent Change	Bill at TY 2012 Proposed	Cum. Percent Change
1	500	14	14.3%	14.3%	306.0	\$320.35	64.07	\$2,357.90	636.0%		\$626.19	95.5%	\$931.67	190.8%	\$1,237.30	286.2%
2	1,000	1	1.0%	15.3%	139.0	167.70	16.77	1,086.33	547.8%	108.63	306.38	82.7%	444.33	165.0%	582.59	247.4%
3	1,500	1	1.0%	16.3%	128.0	171.05	11.40	1,011.80	491.5%	67.45	298.57	74.6%	425.00	148.5%	551.89	222.6%
4	2,000	1	1.0%	17.3%	720.0	777.40	38.87	5,564.26	615.8%	278.21	1,496.76	92.5%	2,214.66	184.9%	2,933.18	277.3%
5	2,500	1	1.0%	18.4%	107.0	178.75	7.15	870.40	386.9%	34.82	284.95	59.4%	389.33	117.8%	494.48	176.6%
6	3,000	1	1.0%	19.4%	130.0	216.10	7.20	1,056.76	389.0%	35.23	345.14	59.7%	471.99	118.4%	599.77	177.5%
7	3,500	1	1.0%	20.4%	117.0	217.45	6.21	966.88	344.6%	27.63	333.33	53.3%	446.66	105.4%	561.07	158.0%
8	4,000	0	0.0%	20.4%	86.0	200.80	5.02	738.87	268.0%	18.47	285.52	42.2%	367.32	82.9%	450.36	124.3%
9	4,500	1	1.0%	21.4%	98.0	227.15	5.05	840.83	270.2%	18.69	323.71	42.5%	416.99	83.6%	511.66	125.2%
10	5,000	1	1.0%	22.4%	133.0	276.50	5.53	1,119.26	304.8%	22.39	407.90	47.5%	535.65	93.7%	664.95	140.5%
11	5,500	1	1.0%	23.5%	111.0	268.85	4.89	960.32	257.2%	17.46	378.09	40.6%	483.32	79.8%	590.25	119.5%
12	6,000	1	1.0%	24.5%	120.0	292.20	4.87	1,039.25	255.7%	17.32	410.28	40.4%	523.98	79.3%	639.54	118.9%
13	6,500	1	1.0%	25.5%	291.0	477.55	7.35	2,361.26	394.5%	36.33	766.47	60.5%	1,050.65	120.0%	1,336.84	179.9%
14	7,000	0	0.0%	25.5%	132.0	332.90	4.76	1,151.07	245.8%	16.44	462.66	39.0%	587.31	76.4%	714.13	114.5%
15	7,500	1	1.0%	26.5%	98.0	313.25	4.18	900.05	187.3%	12.00	408.85	30.5%	498.98	59.3%	591.43	88.8%
16	8,000	1	1.0%	27.6%	93.0	322.60	4.03	871.56	170.2%	10.89	413.04	28.0%	497.64	54.3%	584.72	81.3%
17	8,500	1	1.0%	28.6%	120.0	363.95	4.28	1,088.61	199.1%	12.81	481.23	32.2%	592.31	62.7%	706.02	94.0%
18	9,000	1	1.0%	29.6%	134.0	392.30	4.36	1,205.91	207.4%	13.40	523.42	33.4%	647.97	65.2%	775.31	97.6%
19	9,500	1	1.0%	30.6%	150.0	422.65	4.45	1,338.55	216.7%	14.09	569.61	34.8%	709.64	67.9%	852.61	101.7%
20	10,000	0	0.0%	30.6%	150.0	437.00	4.37	1,348.42	208.6%	13.48	583.80	33.6%	723.30	65.5%	865.90	98.1%
21	25,000	16	16.3%	46.9%	130.0	847.50	3.39	1,491.10	75.9%	5.96	969.50	14.4%	1,073.25	26.6%	1,184.75	39.8%
22	40,000	14	14.3%	61.2%	142.0	1,290.00	3.23	1,879.31	45.7%	4.70	1,419.20	10.0%	1,519.20	17.8%	1,631.60	26.5%
23	55,000	9	9.2%	70.4%	147.0	1,725.50	3.14	2,213.82	28.3%	4.03	1,854.90	7.5%	1,944.15	12.7%	2,050.45	18.8%
24	70,000	5	5.1%	75.5%	239.0	2,248.00	3.21	3,215.90	43.1%	4.59	2,464.60	9.6%	2,630.10	17.0%	2,817.30	25.3%
25	85,000	4	4.1%	79.6%	216.0	2,655.50	3.12	3,335.56	25.6%	3.92	2,844.30	7.1%	2,971.05	11.9%	3,124.15	17.6%
26	100,000	3	3.1%	82.7%	352.0	3,222.00	3.22	4,675.27	45.1%	4.68	3,542.00	9.9%	3,789.00	17.6%	4,067.00	26.2%
27	115,000	3	3.1%	85.7%	413.0	3,713.50	3.23	5,439.48	46.5%	4.73	4,089.70	10.1%	4,381.95	18.0%	4,709.85	26.8%
28	130,000	2	2.0%	87.8%	458.0	4,189.00	3.22	6,080.92	45.2%	4.68	4,605.40	9.9%	4,926.90	17.6%	5,288.70	26.3%
29	145,000	1	1.0%	88.8%	410.0	4,571.50	3.15	6,008.74	31.4%	4.14	4,935.10	8.0%	5,192.85	13.6%	5,495.55	20.2%
30	160,000	1	1.0%	89.8%	372.0	4,964.00	3.10	6,013.29	21.1%	3.76	5,284.80	6.5%	5,488.80	10.6%	5,742.40	15.7%
31	175,000	1	1.0%	90.8%	664.0	5,686.50	3.25	8,550.03	50.4%	4.89	6,294.50	10.7%	6,774.75	19.1%	7,309.25	28.5%
32	190,000	1	1.0%	91.8%	802.0	6,255.00	3.29	9,905.09	58.4%	5.21	6,996.20	11.8%	7,598.70	21.5%	8,260.10	32.1%
33	205,000	1	1.0%	92.9%	562.0	6,445.50	3.14	8,359.64	29.7%	4.08	6,941.90	7.7%	7,288.65	13.1%	7,698.95	19.4%
34	220,000	0	0.0%	92.9%	480.0	6,794.00	3.09	8,026.57	18.1%	3.65	7,203.60	6.0%	7,452.60	9.7%	7,769.80	14.4%
35	235,000	1	1.0%	93.9%	1,146.0	7,890.50	3.36	13,433.12	70.2%	5.72	8,961.30	13.6%	9,860.55	25.0%	10,832.65	37.3%
36	250,000	0	0.0%	93.9%	578.0	7,753.00	3.10	9,370.83	20.9%	3.75	8,251.00	6.4%	8,566.50	10.5%	8,959.50	15.6%
37	>250,000	6	6.1%	100.0%	1,058.0	8,233.00	3.29	13,054.01	58.6%	5.22	9,211.00	11.9%	10,006.50	21.5%	10,879.50	32.1%

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Note: Represents data for July 2008 - June 2009, excluding the December - April because there is no usage during these months

**Okanogan County PUD
2010 Bill Frequency Analysis**

Rate Adjustment Impact Assessment

District Customer Class Estimated Monthly Bills

(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q)

Schedule No. 7 - Frost Control

Line No.	Annual kWh	No. of Customers	% of Total	Cum. % of Total	Annual HP	Bill at Current Rates	Cents per kWh	Bill at Cost of Service	Percent Change	Cents per kWh	Bill at TY 2010 Proposed	Cum. Percent Change	Bill at TY 2011 Proposed	Cum. Percent Change	Bill at TY 2012 Proposed	Cum. Percent Change
1	0-500	11	9.3%	9.3%	60.2	\$234.29	46.86	\$363.23	55.0%	72.65	\$261.02	11.4%	\$273.20	16.6%	\$285.41	21.8%
2	500-1,000	16	13.6%	22.9%	58.1	253.55	25.35	354.32	39.7%	35.43	272.72	7.6%	281.49	11.0%	290.33	14.5%
3	1,000-1,500	13	11.0%	33.9%	74.4	336.11	22.41	454.98	35.4%	30.33	357.82	6.5%	367.78	9.4%	377.82	12.4%
4	1,500-2,000	10	8.5%	42.4%	90.1	416.85	20.84	552.46	32.5%	27.62	440.80	5.7%	451.81	8.4%	462.93	11.1%
5	2,000-2,500	16	13.6%	55.9%	95.3	461.32	18.45	587.20	27.3%	23.49	481.74	4.4%	491.17	6.5%	500.75	8.5%
6	2,500-3,000	14	11.9%	67.8%	96.4	491.68	16.39	597.52	21.5%	19.92	506.32	3.0%	513.15	4.4%	520.16	5.8%
7	3,000-3,500	7	5.9%	73.7%	103.6	542.82	15.51	643.78	18.6%	18.39	554.98	2.2%	560.71	3.3%	566.66	4.4%
8	3,500-4,000	9	7.6%	81.4%	122.2	633.66	15.84	758.76	19.7%	18.97	649.68	2.5%	657.20	3.7%	664.95	4.9%
9	4,000-4,500	7	5.9%	87.3%	121.4	657.43	14.61	757.68	15.2%	16.84	666.62	1.4%	671.06	2.1%	675.77	2.8%
10	4,500-5,000	3	2.5%	89.8%	83.3	552.49	11.05	533.84	-3.4%	10.68	534.32	-3.3%	526.35	-4.7%	518.69	-6.1%
11	5,000-5,500	2	1.7%	91.5%	87.5	593.38	10.79	562.37	-5.2%	10.22	571.10	-3.8%	561.30	-5.4%	551.82	-7.0%
12	5,500-6,000	1	0.8%	92.4%	100.0	663.00	11.05	640.63	-3.4%	10.68	641.20	-3.3%	631.64	-4.7%	622.44	-6.1%
13	6,000-6,500	2	1.7%	94.1%	200.0	1,034.50	15.92	1,241.30	20.0%	19.10	1,061.30	2.6%	1,073.86	3.8%	1,086.81	5.1%
14	6,500-7,000	1	0.8%	94.9%	35.0	491.75	7.03	259.82	-47.2%	3.71	421.40	-14.3%	389.83	-20.7%	358.68	-27.1%
15	7,500-8,000	1	0.8%	95.8%	100.0	769.00	9.61	655.16	-14.8%	8.19	721.60	-6.2%	700.52	-8.9%	679.92	-11.6%
16	8,000-8,500	3	2.5%	98.3%	210.0	1,175.00	13.82	1,315.54	12.0%	15.48	1,181.70	0.6%	1,185.24	0.9%	1,189.29	1.2%
17	> 10,000	2	1.7%	100.0%	280.0	1,496.00	14.96	1,744.36	16.6%	17.44	1,522.00	1.7%	1,534.40	2.6%	1,547.40	3.4%

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Note: Customers served under the A70 rate schedule (Frost Control) are billed once annually in June. This analysis shows the estimated annual bill. The two customers with annual kWh greater than 10,000 kWh were billed for 18,240 kWh, 60.0 HP, and 11,520 kWh, 500.0 HP respectively. Average energy rates (cents/kWh) may be overstated for low kWh users (see lines 1-2) due to estimation of annual HP rating by energy level.

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Target Retail Rate Revenues (from EMP) 34,361,160
Effective Retail Rate Increase 6.50%

Line	TY 2010 Rates					
	2010 Billing Determinants	2009 Rates		6.5% Overall Increase		
		Rates	Revenue	Rates	Revenue	
Schedule No. 2 - Residential						
1	Basic Charge \$ per month	204,257	\$10.00 \$2,042,565	\$10.00 \$2,042,565		
2	Minimum Energy Charge \$ per month	204,257	0.00 0	15.00 3,063,848		
3	Energy charge					
4	First Block \$ per kWh	56,612,080	0.04400 2,490,932	0.00000 0		
5	Second Block \$ per kWh	171,669,125	0.04400 7,553,441	0.04400 7,553,441		
6	> 2000 kWh \$ per kWh	66,808,000	0.04400 2,939,552	0.05682 3,796,031		
7	Total	295,089,205		15,026,490		16,455,885
8	Revenue adjustment factor			0.3%		0.3%
9	Total revenue			\$15,078,884		\$16,513,263
10						
11	Energy in Minimum Charge (kWh)		0		300	
12						
13	Revenue requirement			16,059,172		16,059,172
14	Over (under) revenue requirement			(980,288)		454,091
15	Percent over (under) revenue requirement			-6.1%		2.8%
16	Change in revenue					1,434,379
17	Percent rate change			0.0%		9.51%
18	Increase (decrease) required			6.5%		
Schedule No. 3 - Small General Service						
19	Basic Charge \$ per month	19,749	\$12.00 \$236,983	\$12.00 \$236,983		
20	Minimum Energy Charge \$ per month	19,749	0.00 0	15.00 296,229		
21	Energy Charge					
22	First Block \$ per kWh	4,766,864	0.05300 252,644	0.00000 0		
23	Second Block \$ per kWh	30,822,901	0.05300 1,633,614	0.05499 1,694,951		
24	> 15,000 kWh \$ per kWh	306,600	0.04800 14,717	0.05499 16,860		
25	Total Energy	35,896,365				
26	Demand Charge \$ per kW-mo	0	2.00 0	0.00 0		0
27	Total			2,137,957		2,245,023
28	Revenue adjustment factor			0.2%		0.2%
29	Total revenue			\$2,142,632		\$2,249,931
30						
31	Energy in Minimum Charge (kWh)		0		300	
32						
33	Revenue requirement			2,281,926		2,281,926
34	Over (under) revenue requirement			(139,294)		(31,994)
35	Percent over (under) revenue requirement			-6.1%		-1.4%
36	Change in revenue					107,300
37	Percent rate change			0.0%		5.01%
38	Increase (decrease) required			6.5%		

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 Revenue Calculations under Existing Rates and Proposed Rates
 Projected TY 2010-2012

Target Retail Rate Revenues (from EMP) 34,361,160
Effective Retail Rate Increase 6.50%

Line	2010 Billing Determinants	TY 2010 Rates			
		2009 Rates		6.5% Overall Increase	
		Rates	Revenue	Rates	Revenue
Schedule No. 3 - General Service (Large Power)					
39	Basic Charge \$ per month	8,920	\$12.00 \$107,044	\$12.00	\$107,044
40	Energy Charge				
41	0-15,000 kWh \$ per kWh	66,948,492	0.05300 3,548,270	0.04221	2,825,896
42	> 15,000 kWh \$ per kWh	114,700,920	0.04800 5,505,644	0.04221	4,841,526
43	Total Energy	181,649,412			
44	Demand Charge > 50 kW \$ per kW-mo	296,002	2.00 592,003	0.00	0
45	Demand Charge All kW \$ per kW-mo	97,537	0.00 0	4.00	390,150
46	Minimum Demand Charge \$ per Month	8,920	0.00 0	200.00	1,784,062
47					
48	Total		9,752,961		9,948,677
49	Revenue adjustment factor		0.4%		0.4%
50	Total revenue		\$9,789,952		\$9,986,410
51					
52	Revenue requirement		10,426,402		10,426,402
53	Over (under) revenue requirement		(636,451)		(439,992)
54	Percent over (under) revenue requirement		-6.1%		-4.2%
55	Change in revenue				196,459
56	Percent rate change		0.0%		2.01%
57	Increase (decrease) required		6.5%		
Schedule No. 4 - Primary Industrial Service					
39	Basic Charge \$ per month	48	\$760.00 \$36,480	\$75.00	3,600
40	Energy Charge \$ per kWh	65,629,024	0.03750 2,461,088	0.03394	2,227,449
41	Demand Charge \$ per kW	94,122	2.25 211,775	4.50	423,549
42	Minimum Demand Charge \$ per month	48	2,250.00 108,000	4,500.00	216,000
43	Total		2,817,343		2,870,598
44	CIPV Credit		(83,385)		
45	Total with CIPV Credit		2,733,958		
46	Revenue adjustment factor		0.1%		0.1%
47	Total revenue		\$2,736,705		\$2,873,482
48					
49	Revenue requirement		2,914,620		2,914,620
50	Over (under) revenue requirement		(177,915)		(\$41,138)
51	Percent over (under) revenue requirement		-6.1%		-1.4%
52	Change in revenue				136,777
53	Percent rate change		0.0%		5.00%
54	Increase (decrease) required		6.5%		

Okanogan County PUD
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Target Retail Rate Revenues (from EMP) 34,361,160
Effective Retail Rate Increase 6.50%

Line	2010 Billing Determinants	TY 2010 Rates			
		2009 Rates		6.5% Overall Increase	
		Rates	Revenue	Rates	Revenue
Schedule No. 6 - Irrigation					
55	Facilities Charge				
56	0-75 H.P. \$/H.P.-month	122,800	\$1.55 190,340	\$2.00	245,600
57	75+ H.P. \$/H.P.-month	186,633	1.00 186,633	2.00	373,267
58	Energy Charge \$ per kWh	67,638,979	0.02870 1,941,239	0.02838	1,919,594
59	Total		2,318,212		2,538,460
60	Revenue adjustment factor		0.2%		0.2%
61	Total revenue		\$2,322,301		\$2,542,938
62					
63	Revenue requirement		2,473,275		2,473,275
64	Over (under) revenue requirement		(150,974)		69,663
65	Percent over (under) revenue requirement		-6.1%		2.8%
66	Change in revenue				220,637
67	Percent rate change		0.0%		9.50%
68	Increase (decrease) required		6.5%		
Schedule No. 7 - Frost Control					
69	Facilities Charge \$ per HP-season	11,931	\$3.45 \$41,162	\$4.00	\$47,724
70	Energy Charge \$ per kWh	512,828	0.05300 27,180	0.04020	20,616
71	Total		68,342		68,340
72	Revenue adjustment factor		0.0%		0.0%
73	Total revenue		\$68,344		\$68,341
74					
75	Revenue requirement		72,787		72,787
76	Over (under) revenue requirement		(4,443)		(4,445)
77	Percent over (under) revenue requirement		-6.1%		-6.1%
78	Change in revenue				(2)
79	Percent rate change		0.0%		0.00%
80	Increase (decrease) required		6.5%		

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Target Retail Rate Revenues (from EMP) 34,361,160
Effective Retail Rate Increase 6.50%

Line	2010 Billing Determinants	TY 2010 Rates			
		2009 Rates		6.5% Overall Increase	
		Rates	Revenue	Rates	Revenue
81	Schedule No. 8 - Street Lighting				
82	Fixture Charge				
83	8000 Lumen \$/month/light	8,340	\$6.40 \$53,376	\$6.40	\$53,376
84	22000 Lumen \$/month/light	7,356	9.80 72,089	9.80	72,089
85	Total		125,465		125,465
86	Revenue adjustment factor		-0.5%		-0.5%
87	Total revenue		\$124,862		124,862
88					
89	Revenue requirement		132,979		132,979
90	Over (under) revenue requirement		(8,117)		(8,117)
91	Percent over (under) revenue requirement		(0)		-6.1%
92	Change in revenue				-
93	Percent rate change		0.00%		0.00%
94	Increase (decrease) required		6.5%		
	Total				
95	Total revenues under applicable rates		\$32,263,678		\$34,359,228
96	Total revenue requirement		34,361,160		34,361,160
97	Over (under) revenue requirement		(2,097,482)		(1,932)
98	Percent over (under) revenue requirement		-6.1%		0.0%
99	Change in revenue				
100	Percent overall rate change		0.00%		6.50%

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 2010 Electric System Rate Study
 Revenue Calculations under Existing Rates and Proposed Rates
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Target Retail Rate Revenues (from EMP) 37,012,030
Effective Retail Rate Increase 6.52%

Line	TY 2011 Rates							
	2011		2010 Rates		6.5% Overall Increase			
	Billing	Billing	Rates	Revenue	Rates	Revenue		
	Determinants	Determinants2						
Schedule No. 2 - Residential								
1	Basic Charge	\$ per month	207,320	207,320	\$10.00	\$2,073,204	\$10.00	\$2,073,204
2	Minimum Energy Charge	\$ per month	207,320	207,320	15.00	3,109,806	20.00	4,146,408
3	Energy charge							
4	First Block	\$ per kWh	56,534,840	67,668,155	0.00000	0	0.00000	0
5	Second Block	\$ per kWh	171,434,905	160,301,591	0.04400	7,543,136	0.05000	8,015,080
6	> 2000 kWh	\$ per kWh	66,716,849	66,716,849	0.05682	3,790,851	0.05770	3,849,562
7	Total		294,686,595	294,686,595		16,516,997		18,084,253
8	Revenue adjustment factor					0.3%		0.3%
9	Total revenue					\$16,574,588		\$18,147,309
10								
11	Energy in Minimum Charge (kWh)				300		400	
12								
13	Revenue requirement					17,655,353		17,655,353
14	Over (under) revenue requirement					(1,080,766)		491,955
15	Percent over (under) revenue requirement					-6.1%		2.8%
16	Change in revenue							\$1,572,721
17	Percent rate change					0.0%		9.49%
18	Increase (decrease) required							
Schedule No. 3 - Small General Service								
19	Basic Charge	\$ per month	19,946	19,946	\$12.00	\$239,353	\$12.00	\$239,353
20	Minimum Energy Charge	\$ per month	19,946	19,946	15.00	299,191	20.00	398,921
21	Energy Charge							
22	First Block	\$ per kWh	4,882,882	6,297,967	0.00000	0	0.00000	0
23	Second Block	\$ per kWh	31,573,080	30,157,995	0.05499	1,736,204	0.05730	1,728,053
24	> 15,000 kWh	\$ per kWh	314,063	314,063	0.05499	17,270	0.05730	17,996
25	Total Energy		36,770,024	36,770,024				
26	Demand Charge	\$ per kW-mo	0		0.00	0	0.00	0
27	Total					2,292,018		2,384,323
28	Revenue adjustment factor					0.2%		0.2%
29	Total revenue					\$2,297,029		\$2,389,536
30								
31	Energy in Minimum Charge (kWh)				300		400	
32								
33	Revenue requirement					2,446,810		2,446,810
34	Over (under) revenue requirement					(149,781)		(57,273)
35	Percent over (under) revenue requirement					-6.1%		-2.3%
36	Change in revenue							\$92,507
37	Percent rate change					0.0%		4.03%
38	Increase (decrease) required							

Okanogan County PUD
 2010 Electric System Rate Study
 Revenue Calculations under Existing Rates and Proposed Rates
 Projected TY 2010-2012

Target Retail Rate Revenues (from EMP) 37,012,030
Effective Retail Rate Increase 6.52%

Line		TY 2011 Rates						
		2011	2011	2010 Rates		6.5% Overall Increase		
		Billing Determinants	Billing Determinants2	Rates	Revenue	Rates	Revenue	
Schedule No. 3 - General Service (Large I								
39	Basic Charge	\$ per month	9,010		\$12.00	\$108,114	\$12.00	\$108,114
40	Energy Charge							
41	0-15,000 kWh	\$ per kWh	68,630,958		0.04221	2,896,913	0.04183	2,870,833
42	> 15,000 kWh	\$ per kWh	117,583,440		0.04221	4,963,197	0.04183	4,918,515
43	Total Energy		186,214,398					
44	Demand Charge > 50 kW	\$ per kW-mo	297,482		0.00	0	0.00	0
45	Demand Charge All kW	\$ per kW-mo	95,795		4.00	383,181	4.50	431,079
46	Minimum Demand Charge	\$ per Month	9,010		200.00	1,801,903	225.00	2,027,141
47								
48	Total					10,153,308		10,355,682
49	Revenue adjustment factor					0.4%		0.4%
50	Total revenue					\$10,191,817		\$10,394,958
51								
52	Revenue requirement					10,856,386		10,856,386
53	Over (under) revenue requirement					(664,570)		(461,428)
54	Percent over (under) revenue requirement					-6.1%		-4.3%
55	Change in revenue							\$203,142
56	Percent rate change					0.0%		1.99%
57	Increase (decrease) required							
Schedule No. 4 - Primary Industrial Servi								
39	Basic Charge	\$ per month	48		\$/5.00	\$3,600	\$/5.00	\$3,600
40	Energy Charge	\$ per kWh	67,597,895		0.03394	2,294,273	0.03506	2,369,982
41	Demand Charge	\$ per kW	94,122		4.50	423,549	5.00	470,610
42	Minimum Demand Charge	\$ per month	48		4,500.00	216,000	5,000.00	240,000
43	Total					2,937,422		3,084,192
44	CIPV Credit							
45	Total with CIPV Credit							
46	Revenue adjustment factor					0.1%		0.1%
47	Total revenue					\$2,940,373		\$3,087,291
48								
49	Revenue requirement					3,132,103		3,132,103
50	Over (under) revenue requirement					(191,730)		(44,812)
51	Percent over (under) revenue requirement					-6.1%		-1.4%
52	Change in revenue							\$146,918
53	Percent rate change					0.0%		5.00%
54	Increase (decrease) required							

Okanogan County PUD
 2010 Electric System Rate Study
 Revenue Calculations under Existing Rates and Proposed Rates
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Target Retail Rate Revenues (from EMP) 37,012,030
Effective Retail Rate Increase 6.52%

Line	TY 2011 Rates					
	2011 Billing Determinants	2011 Billing Determinants2	2010 Rates		6.5% Overall Increase	
			Rates	Revenue	Rates	Revenue
Schedule No. 6 - Irrigation						
55	Facilities Charge					
56	0-75 H.P. \$/H.P.-month	124,028	\$2.00	248,056	\$3.00	372,083
57	75+ H.P. \$/H.P.-month	188,500	2.00	376,999	3.00	565,499
58	Energy Charge \$ per kWh	67,638,979	0.02838	1,919,594	0.02733	1,848,573
59	Total			2,544,649		2,786,156
60	Revenue adjustment factor			0.2%		0.2%
61	Total revenue			\$2,549,137		\$2,791,070
62						
63	Revenue requirement			2,715,357		2,715,357
64	Over (under) revenue requirement			(166,220)		75,713
65	Percent over (under) revenue requirement			-6.1%		2.8%
66	Change in revenue					\$241,932
67	Percent rate change			0.0%		9.49%
68	Increase (decrease) required					
Schedule No. 7 - Frost Control						
69	Facilities Charge \$ per HP-season	11,931	\$4.00	\$47,724	\$4.25	\$50,707
70	Energy Charge \$ per kWh	517,956	0.04020	20,822	0.03444	17,838
71	Total			68,546		68,545
72	Revenue adjustment factor			0.0%		0.0%
73	Total revenue			\$68,548		\$68,547
74						
75	Revenue requirement			73,017		73,017
76	Over (under) revenue requirement			(4,470)		(4,470)
77	Percent over (under) revenue requirement			-6.1%		-6.1%
78	Change in revenue					(\$1)
79	Percent rate change			0.0%		0.00%
80	Increase (decrease) required					

Okanogan County PUD
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 Revenue Calculations under Existing Rates and Proposed Rates
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Target Retail Rate Revenues (from EMP) 37,012,030
Effective Retail Rate Increase 6.52%

Line	TY 2011 Rates					
	2011 Billing Determinants	2011 Billing Determinants2	2010 Rates		6.5% Overall Increase	
			Rates	Revenue	Rates	Revenue
81	Schedule No. 8 - Street Lighting					
82	Fixture Charge					
83	8000 Lumen \$/month/light	8,340	\$6.40	\$53,376	\$6.40	\$53,376
84	22000 Lumen \$/month/light	7,356	9.80	72,089	9.80	72,089
85	Total			125,465		125,465
86	Revenue adjustment factor			-0.5%		-0.5%
87	Total revenue			\$124,862		124,862
88						
89	Revenue requirement			133,003		133,003
90	Over (under) revenue requirement			(8,142)		(8,142)
91	Percent over (under) revenue requirement			(0)		-6.1%
92	Change in revenue					\$0
93	Percent rate change			0.0%		0.00%
94	Increase (decrease) required					
	Total					
95	Total revenues under applicable rates			\$34,746,353		\$37,003,572
96	Total revenue requirement			37,012,030		37,012,030
97	Over (under) revenue requirement			(2,265,677)		(8,458)
98	Percent over (under) revenue requirement			-6.1%		0.0%
99	Change in revenue					
100	Percent overall rate change			1.13%		6.50%

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 2010 Electric System Rate Study
 Revenue Calculations under Existing Rates and Proposed Rates
 Projected TY 2010-2012

Target Retail Rate Revenues (from EMP) 40,216,270
Effective Retail Rate Increase 6.79%

Line	TY 2012 Rates							
	2012		2011 Rates		6.5% Overall Increase			
	Billing Determinants	Billing Determinants2	Rates	Revenue	Rates	Revenue		
Schedule No. 2 - Residential								
1	Basic Charge	\$ per month	210,430	210,430	\$10.00	\$2,104,302	\$10.00	\$2,104,302
2	Minimum Energy Charge	\$ per month	210,430	210,430	20.00	4,208,604	25.00	5,260,755
3	Energy charge							
4	First Block	\$ per kWh	68,928,116	84,586,005	0.00000	0	0.00000	0
5	Second Block	\$ per kWh	163,286,358	147,628,469	0.05000	8,164,318	0.05750	8,488,637
6	> 2000 kWh	\$ per kWh	67,959,097	67,959,097	0.05770	3,921,240	0.06316	4,292,297
7	Total		300,173,571	300,173,571		18,398,463		20,145,990
8	Revenue adjustment factor					0.3%		0.3%
9	Total revenue					\$18,462,615		\$20,216,234
10								
11	Energy in Minimum Charge (kWh)				400		500	
12								
13	Revenue requirement					19,716,585		19,716,585
14	Over (under) revenue requirement					(1,253,971)		499,649
15	Percent over (under) revenue requirement					-6.4%		2.5%
16	Change in revenue							\$1,753,620
17	Percent rate change					0.0%		9.50%
18	Increase (decrease) required							
Schedule No. 3 - Small General Service								
19	Basic Charge	\$ per month	20,146	20,146	\$12.00	\$241,746	\$12.00	\$241,746
20	Minimum Energy Charge	\$ per month	20,146	20,146	20.00	402,911	25.00	503,638
21	Energy Charge							
22	First Block	\$ per kWh	6,451,348	7,816,213	0.00000	0	0.00000	0
23	Second Block	\$ per kWh	30,892,466	29,527,601	0.05730	1,770,138	0.05855	1,728,798
24	> 15,000 kWh	\$ per kWh	321,711	321,711	0.05730	18,434	0.05855	18,836
25	Total Energy		37,665,525	37,665,525				
26	Demand Charge	\$ per kW-mo	0		0.00	0	0.00	0
27	Total					2,433,229		2,493,018
28	Revenue adjustment factor					0.2%		0.2%
29	Total revenue					\$2,438,549		\$2,498,469
30								
31	Energy in Minimum Charge (kWh)				400		500	
32								
33	Revenue requirement					2,604,174		2,604,174
34	Over (under) revenue requirement					(165,625)		(105,705)
35	Percent over (under) revenue requirement					-6.4%		-4.1%
36	Change in revenue							\$59,920
37	Percent rate change					0.0%		2.46%
38	Increase (decrease) required							

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Target Retail Rate Revenues (from EMP) 40,216,270
Effective Retail Rate Increase 6.79%

Line	TY 2012 Rates						
	2012		2011 Rates		6.5% Overall Increase		
	Billing Determinants	Billing Determinants2	Rates	Revenue	Rates	Revenue	
Schedule No. 3 - General Service (Large I							
39	Basic Charge	\$ per month	9,100	\$12.00	\$109,195	\$12.00	\$109,195
40	Energy Charge						
41	0-15,000 kWh	\$ per kWh	70,355,485	0.04183	2,942,970	0.04150	2,919,753
42	> 15,000 kWh	\$ per kWh	120,538,023	0.04183	5,042,105	0.04150	5,002,328
43	Total Energy		190,893,508				
44	Demand Charge > 50 kW	\$ per kW-mo	298,969	0.00	0	0.00	0
45	Demand Charge All kW	\$ per kW-mo	94,022	4.50	423,097	5.00	470,108
46	Minimum Demand Charge	\$ per Month	9,100	225.00	2,047,412	250.00	2,274,902
47							
48	Total				10,564,780		10,776,286
49	Revenue adjustment factor				0.4%		0.4%
50	Total revenue				\$10,604,849		\$10,817,158
51							
52	Revenue requirement				11,325,125		11,325,125
53	Over (under) revenue requirement				(720,276)		(507,967)
54	Percent over (under) revenue requirement				-6.4%		-4.5%
55	Change in revenue						\$625,341
56	Percent rate change				0.0%		2.00%
57	Increase (decrease) required						
Schedule No. 4 - Primary Industrial Servi							
39	Basic Charge	\$ per month	48	\$/5.00	\$3,600	\$/5.00	3,600
40	Energy Charge	\$ per kWh	69,625,832	0.03506	2,441,082	0.03631	2,528,114
41	Demand Charge	\$ per kW	94,122	5.00	470,610	5.50	517,671
42	Minimum Demand Charge	\$ per month	48	5,000.00	240,000	5,500.00	264,000
43	Total				3,155,292		3,313,385
44	CIPV Credit						
45	Total with CIPV Credit						
46	Revenue adjustment factor				0.1%		0.1%
47	Total revenue				\$3,158,462		\$3,316,714
48							
49	Revenue requirement				3,372,983		3,372,983
50	Over (under) revenue requirement				(214,521)		(56,269)
51	Percent over (under) revenue requirement				-6.4%		-1.7%
52	Change in revenue						\$158,252
53	Percent rate change				0.0%		5.01%
54	Increase (decrease) required						

Okanogan County PUD
 2010 Electric System Rate Study
 Revenue Calculations under Existing Rates and Proposed Rates
 Projected TY 2010-2012

Target Retail Rate Revenues (from EMP) 40,216,270
Effective Retail Rate Increase 6.79%

Line	TY 2012 Rates					
	2012 Billing Determinants	2012 Billing Determinants2	2011 Rates		6.5% Overall Increase	
			Rates	Revenue	Rates	Revenue
Schedule No. 6 - Irrigation						
55	Facilities Charge					
56	0-75 H.P. \$/H.P.-month	125,268	\$3.00	375,804	\$4.00	501,072
57	75+ H.P. \$/H.P.-month	190,385	3.00	571,154	4.00	761,539
58	Energy Charge \$ per kWh	67,638,979	0.02733	1,848,573	0.02659	1,798,520
59	Total			2,795,531		3,061,131
60	Revenue adjustment factor			0.2%		0.2%
61	Total revenue			\$2,800,462		\$3,066,531
62						
63	Revenue requirement			2,990,668		2,990,668
64	Over (under) revenue requirement			(190,206)		75,862
65	Percent over (under) revenue requirement			-6.4%		2.5%
66	Change in revenue					\$266,068
67	Percent rate change			0.0%		9.50%
68	Increase (decrease) required					
Schedule No. 7 - Frost Control						
69	Facilities Charge \$ per HP-season	11,931	\$4.25	\$50,707	\$4.50	\$53,690
70	Energy Charge \$ per kWh	523,136	0.03444	18,017	0.02874	15,035
71	Total			68,724		68,724
72	Revenue adjustment factor			0.0%		0.0%
73	Total revenue			\$68,725		\$68,726
74						
75	Revenue requirement			73,393		73,393
76	Over (under) revenue requirement			(4,668)		(4,667)
77	Percent over (under) revenue requirement			-6.4%		-6.4%
78	Change in revenue					\$1
79	Percent rate change			0.0%		0.00%
80	Increase (decrease) required					

Okanogan County PUD
 2010 Electric System Rate Study
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 Projected TY 2010-2012

Target Retail Rate Revenues (from EMP) 40,216,270
Effective Retail Rate Increase 6.79%

Line	TY 2012 Rates					
	2012 Billing Determinants	2012 Billing Determinants2	2011 Rates		6.5% Overall Increase	
			Rates	Revenue	Rates	Revenue
81	Schedule No. 8 - Street Lighting					
82	Fixture Charge					
83	8000 Lumen		\$6.40	\$53,376	\$6.40	\$53,376
84	22000 Lumen		9.80	72,089	9.80	72,089
85	Total			125,465		125,465
86	Revenue adjustment factor			-0.5%		-0.5%
87	Total revenue			\$124,862		124,862
88						
89	Revenue requirement			133,342		133,342
90	Over (under) revenue requirement			(8,481)		(8,481)
91	Percent over (under) revenue requirement			(0)		-6.4%
92	Change in revenue					-
93	Percent rate change			0.0%		0.00%
94	Increase (decrease) required					
Total						
95	Total revenues under applicable rates			\$37,658,524		\$40,108,693
96	Total revenue requirement			40,216,270		40,216,270
97	Over (under) revenue requirement			(2,557,746)		(107,577)
98	Percent over (under) revenue requirement			-6.4%		-0.3%
99	Change in revenue					
100	Percent overall rate change			1.77%		6.51%

Appendix F
P.U.D. No. 1 of Okanogan County,
Resolution No. 1506, May 4, 2010

RESOLUTION NO. 1506

A Resolution Revising the District's Electric Service Rate Schedules

WHEREAS, District Resolution No. 832 and subsequent amendments have set forth the General Policy Provisions and Electric Rate Schedules of the District; and

WHEREAS, the District has conducted an extensive analysis of its cost of service as outlined in its Cost of Service Study; and

WHEREAS, based on the results of the Cost of Service Study, the Board of Commissioners desires to adopt rates that more accurately reflect the cost of service for each individual rate class; and

WHEREAS, the District has completed a detailed analysis of its future financial requirements as outlined in its Equity Management Plan (EMP); and

WHEREAS, the District has determined that a series of rates increases are necessary to maintain stable rates for its customers, meet both short-term and long-term financial goals, and to maintain the District's strong financial condition; and

WHEREAS, the EMP indicates that the cost of purchased power is a significant driver in the cost of providing electricity to the District's consumers, and

WHEREAS, the EMP indicates that an annual rate increase of three percent (3%) beginning in 2013 would provide financial stability to the District in the future.

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of Public Utility District No. 1 of Okanogan County hereby authorizes a series of three (3) annual rate adjustments representing six and a half percent (6.5%) revenue increases each.

BE IT FURTHER RESOLVED that the Board of Commissioners hereby authorizes rates to automatically be adjusted to reflect any increase or decrease in the cost of power from contracted power sources within thirty (30) days of the District incurring such increase or decrease, unless suspended by a Resolution of the Board of Commissioners.

BE IT FURTHER RESOLVED that the Board of Commissioners hereby authorizes an annual retail revenue increase of three percent (3%) beginning in 2013 and occurring every year thereafter, unless such annual increase is suspended by a resolution of the Board of Commissioners.

BE IT FURTHER RESOLVED that the Board of Commissioners hereby adopts and approves the rates and effective dates as set forth in the District's Service Schedules, attached hereto and made a part of this Resolution as follows:

Residential Service Schedule No. 2:

Effective for billings rendered on or after July 1st with adjustments in the years 2010, 2011 and 2012.

Small General Service Schedule No. 3a:

Effective for billings rendered on or after July 1st with adjustments in the years 2010, 2011 and 2012.

Large General Service Schedule No. 3b:

Effective for billings rendered on or after July 1st with adjustments in the years 2010, 2011 and 2012.

Industrial Service Schedule No. 4:

Effective for billings rendered on or after July 1st with adjustments in the years 2010, 2011 and 2012.

New Large Single Load Service Schedule No. 5:

Rates for this service schedule will be negotiated and set by a power sales agreement, when necessary.

Irrigation Service Schedule No. 6:

Effective for billings rendered on or after January 1st with adjustments in the years 2011, 2012 and 2013.

Frost Control Service Schedule No. 7:

Effective for billings rendered on or after July 1st with adjustments in the years 2010, 2011 and 2012.

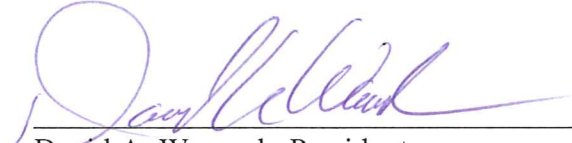
Street Lighting Service Schedule No. 8:

No adjustments at this time.

Area Lighting Service Schedule No. 10:

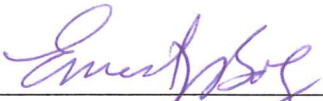
No adjustments at this time.

PASSED AND APPROVED this 4th day of May, 2010.



David A. Womack, President

ATTEST:



Ernest J. Bolz, Vice President



Trish Butler, Secretary

APPROVED:



Michael D. Howe, Legal Counsel

P.U.D. NO. 1 OF OKANOGAN COUNTY

SERVICE SCHEDULE NO. 2

RESIDENTIAL SERVICE

Applicable: To each individual customer/family residing in a single family dwelling or multiple family building, and to a farm which processes only its own products. The single meter on a farm may serve buildings used only for the single farm. The maximum service provided under this schedule is 600 amperes.

The schedule is based on continuous use and minimums will be billed for twelve consecutive months.

Monthly Rates:

	<u>July 1, 2010</u>	<u>July 1, 2011</u>	<u>July 1, 2012</u>
Basic Charge	\$10.00	\$10.00	\$10.00
Energy Charge (note 1)			
First 2,000 kWh (\$/kWh)	\$.04400	\$.05000	\$.05750
Over 2,000 kWh (\$/kWh)	\$.05682	\$.05770	\$.06316
Minimum Energy Charge	\$15.00	\$20.00	\$25.00
kWh in Minimum Energy Charge	300	400	500

General Provisions: Service under this schedule is subject to the General Provisions in accordance with Resolution No. 832 of the District.

Effective Date: Effective for all energy usage, basic charges and minimums billed on or after the above referenced dates.

Notes:

- 1) Charged on all energy in excess of the kWh in the minimum energy charge.

*Revised 12/28/99 – Resolution No. 1183
Revised 04/10/01 – Resolution No. 1209
Revised 10/30/01 – Resolution No. 1225
Revised 05/04/10 – Resolution No. 1506*

P.U.D. NO. 1 OF OKANOGAN COUNTY

SERVICE SCHEDULE NO. 3a

SMALL GENERAL SERVICE

Applicable: Electrical service to commercial, governmental, industrial, or other services not eligible under other rate schedules where measured demand is less than 50 kW at all times.

The schedule is based on continuous use and minimums will be billed for twelve consecutive months.

Monthly Rates:

	<u>July 1, 2010</u>	<u>July 1, 2011</u>	<u>July 1, 2012</u>
Basic Charge	\$12.00	\$12.00	\$12.00
Energy Charge (note 1) All Energy (\$/kWh)	\$.05499	\$.05730	\$.05855
Minimum Energy Charge	\$15.00	\$20.00	\$25.00
kWh in Minimum Energy Charge	300	400	500

Demand: If the connected load is determined to be equal to or greater than 50 kW then a rate schedule change may be necessary.

General Provisions: Service under this schedule is subject to the General Provisions in accordance with Resolution No. 832 of the District.

Effective Date: Effective for all energy usage, basic charges and minimums billed on or after the above referenced dates.

Notes:

- 1) Charged on all energy in excess of the kWh in the minimum energy charge.

*Revised 12/28/99 – Resolution No. 1183
Revised 04/10/01 – Resolution No. 1209
Revised 10/30/01 – Resolution No. 1225
Revised 05/04/10 – Resolution No. 1506*

P.U.D. NO. 1 OF OKANOGAN COUNTY

SERVICE SCHEDULE NO. 3b

LARGE GENERAL SERVICE

Applicable: Service to any one individual customer for which another specific rate schedule is not available with a connected load of 50 kW or greater.

The schedule is based on continuous use and minimums will be billed for twelve consecutive months.

Monthly Rates:

	<u>July 1, 2010</u>	<u>July 1, 2011</u>	<u>July 1, 2012</u>
Basic Charge	\$12.00	\$12.00	\$12.00
Energy Charge			
All Energy (\$/kWh)	\$.04221	\$.04183	\$.04150
Demand Charge (\$/all kW/month)	\$4.00	\$4.50	\$5.00
Minimum Demand Charge	\$200.00	\$225.00	\$250.00
kW in Minimum Demand Charge	50	50	50

Demand: At the option of the District, billing demand shall be as indicated by a demand meter, as determined by a test, or on the basis of connected load. The method of determining demand may be changed from one to another at any time.

Power Factor: The consumer agrees to maintain unity power factor as nearly as practicable. The demand charge, before adjustment for power factor, will be increased 1% more for each 1% by which the average power factor is less than .97 lagging. The threshold for power factor adjustment may change at any time the power factor requirements of the District's wholesale power suppliers change.

General Provisions: Service under this schedule is subject to the General Provisions in accordance with Resolution No. 832 of the District.

Effective Date: Effective for all energy usage, basic charges and minimums billed on or after the above referenced dates.

*Revised 12/28/99 – Resolution No. 1183
Revised 04/10/01 – Resolution No. 1209
Revised 10/30/01 – Resolution No. 1225
Revised 05/04/10 – Resolution No. 1506*

P.U.D. NO. 1 OF OKANOGAN COUNTY

SERVICE SCHEDULE NO. 4

INDUSTRIAL SERVICE

Service Character: Three phase, 60 cycle, primary distribution voltage available or approved by the District. Transformation and all distribution system inside the customer's plant to be supplied by the customer.

Applicable: For any load with measured monthly demand of at least 1,000 kW and not more than 10,000 kW average annual increase.

Monthly Rates:

	<u>July 1, 2010</u>	<u>July 1, 2011</u>	<u>July 1, 2012</u>
Basic Charge	\$75.00	\$75.00	\$75.00
Energy Charge			
All Energy (\$/kWh)	\$.03394	\$.03506	\$.03631
Demand Charge (\$/all kW/month)	\$4.50	\$5.00	\$5.50
Minimum Demand Charge	\$4,500.00	\$5,000.00	\$5,500.00
kW in Minimum Demand Charge	1,000	1,000	1,000

Demand: The billing demand shall be the maximum kW load used by the customer during the month for which the bill is being rendered, as indicated by the demand meter.

Power Factor: The consumer agrees to maintain unity power factor as nearly as practicable. The demand charge, before adjustment for power factor, will be increased 1% more for each 1% by which the average power factor is less than .97 lagging. The threshold for power factor adjustment may change at any time the power factor requirements of the District's wholesale power suppliers change.

General Provisions: Service under this schedule is subject to the General Provisions in accordance with Resolution No. 832 of the District.

Effective Date: Effective for all energy usage, basic charges and minimums billed on or after the above referenced dates.

*Revised 12/28/99 – Resolution No. 1183
Revised 04/10/01 – Resolution No. 1209
Revised 10/30/01 – Resolution No. 1225
Revised 05/04/10 – Resolution No. 1506*

P.U.D. NO. 1 OF OKANOGAN COUNTY

SERVICE SCHEDULE NO. 6

IRRIGATION SERVICE

Applicable: Electrical service for irrigation, drainage and incidental farm use. Schedule is based on continuous service for the irrigation season of April 1 through October 31.

Rates:

	<u>Jan. 1, 2011</u>	<u>Jan. 1, 2012</u>	<u>Jan. 1, 2013</u>
Facilities Charge (\$/HP/month)	\$2.00	\$3.00	\$4.00
Seasonal Energy Charge			
All Energy (\$/kWh)	\$.02838	\$.02733	\$.02659

Billing: For installations 75 HP and above, meter will be read and billed monthly starting in May.

For installation under 75 HP, meter will be read at the end of the irrigation season. Bills from May to October may be estimated on the basis of the prior year's average kWh usage per HP of connected load, or, in the absence of prior history, based upon 275 kWh per HP of connected load. Adjustment of estimated usage to actual usage will be made with the final bill in November.

Final bills will become delinquent 30 days after the billing date. Delinquent bills will be subject to the District's standard collection procedures and fees. A deposit in an amount equal to the season Facilities charge shall be required for the following irrigation season on a delinquent account.

General Provisions: Service under this schedule is subject to the General Provisions in accordance with Resolution No. 832 of the District.

Effective Date: Effective for all energy usage, basic charges and minimums billed on or after the above referenced dates.

*Revised 04/10/01 – Resolution No. 1209
Revised 10/30/01 – Resolution No. 1225
Revised 03/09/04 – Resolution No. 1274
Revised 05/04/10 – Resolution No. 1506*

P.U.D. NO. 1 OF OKANOGAN COUNTY

SERVICE SCHEDULE NO. 7

FROST CONTROL SERVICE

Applicable: Electrical service to wind machines or pumps used only for frost protection.

Rates:

	<u>July 1, 2010</u>	<u>July 1, 2011</u>	<u>July 1, 2012</u>
Annual Facilities Charge (\$/HP)	\$4.00	\$4.25	\$4.50
Energy Charge			
All Energy (\$/kWh)	\$.04020	\$.03444	\$.02874

Billing: Bills shall be rendered annually on approximately June 15 of each year. In the event the current year's billing is not paid in full by September 1, the account will be disconnected. Prior to reconnecting the service, the District will require payment in full of the delinquent billing and all associated late, disconnection, and reconnection charges. In addition, a security deposit equivalent to the following year's annual facilities charge will be required. A 1% per month service charge is assessed on balances that are over thirty (30) days in arrears.

Service: For service to be supplied under this schedule the customer must agree to and pay the following:

- 1) Prepay all District costs of initial service installation. Customer would pay the depreciated cost of any existing unused facilities.
- 2) All costs to replace the initial system due to damage, obsolescence, added load, depreciation, etc., must be paid before service will be allowed the following year. All such work must be performed by District crews.
- 3) All facilities required to serve customers under this rate schedule shall remain the property of the District.

Service Restrictions: Service to new wind machines will only be provided if adequate capacity is available in the existing backbone system. The Engineering Department must be contacted before new services are allowed. If requested by the customer, backbone system improvement costs can be included in item 1) above.

General Provisions: Service under this schedule is subject to the General Provisions in accordance with Resolution No. 832 of the District.

Effective Date: Effective for all energy usage, basic charges and minimums billed on or after the above referenced dates.

*Revised 12/28/99 – Resolution No. 1183
Revised 04/10/01 – Resolution No. 1209
Revised 10/30/01 – Resolution No. 1225
Revised 05/04/10 – Resolution No. 1506*