

**Okanogan County PUD  
2013 Equity Management Plan  
Comparison of Base Case EMP Rate Increase Scenarios - Revised 05-10-13**

	Base Case	Option 1	Option 2
Scenario Description	Revised May 6th	Two Rate Increases	Three 9.5% Rate Increases
<b>Projected Rate Increases</b>			
2013	13.0%		16.0%
2014	12.5%		16.0%
2015	2.5%		0.0%
2016	2.5%		0.0%
2017	2.5%		0.0%
2018	0.0%		0.0%
2019	0.0%		0.0%
2020	0.0%		0.0%
2021	0.0%		0.0%
2022	0.0%		0.0%
<b>Unit Revenue from Retail Sales (¢/kWh)</b>			
2012	6.13		6.13
2022	9.97		9.83
<b>Avg Annual Increase</b>	5.0%		4.8%
<b>Notes</b>	<ul style="list-style-type: none"> <li>•Includes 2013 budget</li> <li>•Assumes Enloe Dam debt issuance of \$35.2M in 2014 and the \$29M assumed for 2016.</li> <li>•Rate increases in 2013 and 2014 are set to make 2014 net income positive, which results in a higher 2014 debt service coverage ratio than the 1.25 minimum.</li> <li>•Allocated \$2M from the rate stabilization fund to show the District's ability to meet the 1.25 debt service coverage requirement in 2013.</li> <li>•Adjusted COPA calculation</li> </ul>	<ul style="list-style-type: none"> <li>•Decreased the 2016 debt issuance from \$29M to \$25M.</li> <li>•Allocated \$1.5M from the rate stabilization fund to show the District's ability to meet the 1.25 debt service coverage requirement in 2013.</li> <li>•Another two year rate increase option would be: 2013: 14% 2014: 14% 2015: 0% 2016: 2.5% 2017: 2.5%</li> </ul>	<ul style="list-style-type: none"> <li>•Increased the 2016 debt issuance from \$29M to \$30M.</li> <li>•Allocated \$2.6M in 2013 and \$1.2M in 2014 from the rate stabilization fund to show the District's ability to meet the 1.25 debt service coverage requirement.</li> <li>•Funds are set aside between 2015-2017 to build the rate stabilization fund back up to a \$3M balance.</li> <li>•A positive net income is not reached until 2015 under this scenario.</li> </ul>



# Okanogan County PUD Preliminary Draft 2013 Equity Management Plan Update



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**Base Case**

Okanogan County PUD  
2013 Equity Management Plan  
Table 1 - Summary of Results and Assumptions

**Scenario: Base Case**

Line	Historical			Projected										Avg. Annual	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Rate Change 2012 - 2022	
<b>Line SUMMARY OF RESULTS</b>															
1	Unit Revenue from Retail Sales (¢/kWh)	5.10	5.46	6.13	6.75	7.81	8.44	8.80	9.08	9.36	9.47	9.71	9.79	9.97	
2	Increase over Previous Year	6.4%	7.0%	12.1%	10.2%	15.8%	8.0%	4.3%	3.2%	3.0%	1.1%	2.6%	0.9%	1.8%	5.0%
3	Necessary Retail Rate Change (Effective July 1)	0.0%	0.0%	0.0%	13.0%	12.5%	2.5%	2.5%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	
4	Equity to Total Assets	63.2%	64.0%	64.8%	64.7%	50.9%	52.5%	45.6%	47.0%	48.7%	50.4%	52.1%	53.8%	55.5%	
5	Cash (Year End) (\$000)	\$7,619	\$9,782	\$4,416	\$1,014	\$22,749	\$8,142	\$14,315	\$10,920	\$9,903	\$8,136	\$8,735	\$10,561	\$13,312	
6	Days of Working Capital on Hand	74	95	43	9	187	65	111	81	71	57	59	70	86	
7	Debt Service Coverage Ratio (DSCR)	0.77	1.36	1.47	1.25	1.38	2.02	1.76	1.67	1.77	1.78	1.78	1.78	1.96	
8	Operating TIER	(4.99)	(0.10)	(0.75)	(1.86)	0.34	1.24	1.04	0.99	1.10	1.08	1.03	1.03	1.02	
9	Total TIER	(2.11)	0.46	0.96	0.28	1.01	1.94	1.54	1.52	1.66	1.68	1.67	1.71	1.77	
<b>Line ASSUMPTIONS</b>															
10	General Inflation (1)	2.20%													
11	Inflation for Other Operating Revenues (2)	1.50%													
12	Customer Service Inflation (2)	2.20%													
13	Power Supply and Costs - Scenario Selection	Base Case													
14	Borrowing Assumptions - Enloe Dam														
15	Interest Rate - Co Bank	4.0%													
16	Term (Years)	40													
17	Borrowing Assumptions - Non-Enloe Dam														
18	Interest Rate	5.0%													
19	Term (Years)	20													
20	2013 Effective Energy/Demand Rates (\$/kWh)														
21	Residential	0.05849													
22	General Service	0.05764													
23	Industrial	0.05447													
24	Irrigation	0.04611													
25	Frost Control	0.02874													
26	Street Lighting	0.09718													

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**Base Case**

Okanogan County PUD  
2013 Equity Management Plan  
Table 1 - Summary of Results and Assumptions

**Scenario: Base Case**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
27 Capital Improvements (\$000) - 2012\$ (3)											
28 Funded with Bonds											
29 Enloe Dam License/Construction	3,049	1,600	10,550	20,000	0	0	0	0	0	0	35,199
30 Funded with Revenue and/or Reserves											
31 Normal Replacements & Additions	2,916	2,065	2,175	1,925	1,995	2,040	2,790	2,850	3,000	3,000	24,756
32 PT Transmission Line	2,500	6,500	0	0	0	0	0	0	0	0	9,000
33 Gold Creek Substation Construction	500	0	0	0	0	0	0	0	0	0	500
34 Aeneas to Tonasket 115kV Transmission Line Construction	0	0	0	0	0	300	2,400	0	0	0	2,700
35 Aeneas Valley Substation	0	0	0	0	0	0	0	1,200	0	0	1,200
36 Tonasket Substation Addition	0	2,200	1,400	0	0	0	0	0	0	0	3,600
37 Okanogan to Brewster 115kV Transmission Line Replacement	0	0	0	0	3,300	0	0	0	0	0	3,300
38 Sandflat Substation Addition	0	0	0	750	0	0	0	0	0	0	750
39 Ophir to Monse 115kV Transmission Line	0	300	2,000	0	0	0	0	0	0	0	2,300
40 Monse Substation Construction	0	0	0	1,500	0	0	0	0	0	0	1,500
41 Loup Loup Substation Addition / MOS and Power Transformer	0	0	0	0	0	750	0	0	0	0	750
42 Facilities	2,020	550	410	0	660	1,500	60	0	200	0	5,400
43 Mobile Substation and Power Transformer Replacements	0	0	750	0	0	0	750	0	0	0	1,500
44 SCADA	0	60	60	60	60	60	60	60	60	60	540
45 Vehicle Replacements and New	634	680	580	350	685	465	360	230	165	75	4,224
46 Distribution Projects (No projects planned after 2020 at this time)	0	935	825	1,075	1,005	960	210	150	0	0	5,160
47 Other Capital Additions											0
48 Total	\$11,619	\$14,890	\$18,750	\$25,660	\$7,705	\$6,075	\$6,630	\$4,490	\$3,425	\$3,135	\$102,379
49 Check											
50 Target DSCR	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
51 Target Operating TIER	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
52 Target Total TIER	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
53 Target Working Capital (Days of O&M)	60	60	60	60	60	60	60	60	60	60	60

Notes:

- (1) Sources: Projected long term growth rate of GDP Price Index per October 2012 Blue Chip Economic Indicator report.
- (2) Per OKPUD staff, email on 7/17/12
- (3) The 2013 CIP budget is in 2013 dollars. 2013 Budget Source: Capital Outlay 2012 and 2013 Rev.xlsx, 2014-2022 Source: EMP Estimate.xlsx.

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 Okanogan County PUD  
 2013 Equity Management Plan  
 Table 2 - Projected Revenues at Existing Rates

**Base Case**

Scenario: Base Case

Line	Historical (1)			Projected									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
SALES (MWh)													
1 Residential	289,163	324,538	289,640	295,092	298,892	302,730	306,606	310,521	314,476	318,469	322,503	326,577	330,692
2 General Service	197,733	202,557	204,212	206,255	208,317	210,400	212,504	214,629	216,776	218,943	221,133	223,344	225,578
3 Industrial	21,602	21,141	20,584	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409
4 Irrigation	59,820	60,318	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773
5 Frost Control	438	517	358	358	358	358	358	358	358	358	358	358	358
6 Street Lighting	1,340	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360
7 Total Retail Sales	570,097	610,431	580,927	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170
8 Sales for Resale	213,866	357,255	267,366	163,437	157,097	150,694	144,227	182,659	176,062	169,398	162,669	155,872	149,008
9 Adjustment	0	0	0	-	-	-	-	-	-	-	-	-	-
10 Total Energy Sales	783,963	967,686	848,293	749,684	749,207	748,725	748,238	792,710	792,213	791,712	791,205	790,694	790,178
CUSTOMER ACCOUNTS													
11 Residential	16,857	16,840	16,937	17,106	17,277	17,450	17,625	17,801	17,979	18,159	18,340	18,524	18,709
12 General Service	2,378	2,367	2,377	2,401	2,425	2,449	2,474	2,498	2,523	2,548	2,574	2,600	2,626
13 Industrial	4	4	4	3	3	3	3	3	3	3	3	3	3
14 Irrigation	1,207	1,198	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
15 Frost Control	134	136	140	140	140	140	140	140	140	140	140	140	140
16 Street Lighting	21	21	21	21	21	21	21	21	21	21	21	21	21
17 Total Customer Accounts	20,601	20,566	20,679	20,871	21,066	21,263	21,462	21,663	21,866	22,071	22,278	22,487	22,699
CUSTOMER HP RATING (IRR./FROST CONTROL)													
18 Irrigation													
19 0 - 74.9 HP	17,177	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
20 75+ HP	27,190	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
21 Total HP	44,367	45,761	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
22 Frost Control	10,433	12,096	12,208	12,269	12,331	12,392	12,454	12,517	12,579	12,642	12,705	12,769	12,833
MONTHLY USAGE PER CUSTOMER ACCOUNT (kWh)													
23 Residential	1,429	1,606	1,425	1,438	1,442	1,446	1,450	1,454	1,458	1,462	1,465	1,469	1,473
24 General Service	6,929	7,131	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159
25 Industrial	450,046	440,438	428,827	511,374	511,374	511,374	511,374	511,374	511,374	511,374	511,374	511,374	511,374
26 Irrigation	4,130	4,196	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498
27 Frost Control	272	317	213	213	213	213	213	213	213	213	213	213	213
28 Street Lighting	5,318	5,397	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396
EXISTING RATES - CUSTOMER CHARGE (\$/customer/month)													
29 Residential	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
30 General Service	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
31 Industrial	417.50	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
32 Irrigation	0.00	0.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
33 Frost Control	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34 Street Lighting	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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 Okanogan County PUD  
 2013 Equity Management Plan  
 Table 2 - Projected Revenues at Existing Rates

**Base Case**

**Scenario: Base Case**

Line	Historical (1)			Projected									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>EXISTING RATES - AVERAGE ENERGY AND DEMAND RATE (\$/kWh)</b>													
35 Residential	\$0.04475	\$0.04925	\$0.05571	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849
36 General Service	0.05325	0.05592	0.05677	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764
37 Industrial	0.04456	0.04944	0.05258	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447
38 Irrigation	0.02870	0.02749	0.04065	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611
39 Frost Control	0.05960	0.04295	0.03870	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874
40 Street Lighting	0.09459	0.09134	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718
<b>EXISTING RATES - COPA (\$/kWh)</b>													
41 Residential	n/a	\$0.00240	\$0.00240	\$0.002648	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
42 General Service	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
43 Industrial	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
44 Irrigation	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
45 Frost Control	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
46 Street Lighting	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
<b>EXISTING RATES - FACILITIES CHARGE (\$/HP) -- IRR. AND FROST CONTROL</b>													
47 Irrigation													
48 0 - 74.9 HP	\$10.85	\$14.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
49 75+ HP	7.00	14.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
50 Frost Control	3.73	4.13	4.38	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
<b>RETAIL REVENUES AT EXISTING RATES - EXCLUDES COPA</b>													
51 Residential	\$14,961,740	\$18,003,321	\$18,167,523	\$19,311,279	\$19,554,046	\$19,799,241	\$20,046,887	\$20,297,010	\$20,549,634	\$20,804,785	\$21,062,487	\$21,322,766	\$21,585,648
52 General Service	10,872,507	11,667,321	11,935,462	12,234,468	12,356,813	12,480,381	12,605,185	12,731,237	12,858,549	12,987,134	13,117,006	13,248,176	13,380,658
53 Industrial	982,598	1,048,770	1,085,905	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519
54 Irrigation	2,093,757	2,299,074	2,805,886	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505
55 Frost Control	64,968	72,102	67,274	65,507	65,783	66,060	66,339	66,619	66,901	67,184	67,469	67,754	68,042
56 Street Lighting	126,761	124,222	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129
57 Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	1
58 Total Revenue from Retail Sales	\$29,102,332	\$33,214,811	\$34,194,179	\$35,836,407	\$36,201,795	\$36,570,835	\$36,943,564	\$37,320,020	\$37,700,238	\$38,084,257	\$38,472,115	\$38,863,850	\$39,259,502
<b>COPA REVENUES</b>													
59 Residential	\$0	\$86,380	\$695,136	\$781,365	\$1,494,113	\$1,749,093	\$2,266,525	\$2,540,131	\$3,093,402	\$3,464,651	\$4,290,517	\$4,610,271	\$5,256,901
60 General Service	0	50,465	490,110	546,135	1,041,344	1,215,637	1,570,895	1,755,713	2,132,357	2,381,901	2,941,907	3,152,937	3,585,933
61 Industrial	0	3,907	49,401	48,746	92,026	106,365	136,088	150,593	181,088	200,278	244,916	259,885	292,649
62 Irrigation	0	0	155,456	171,511	323,790	374,242	478,822	529,858	637,154	704,672	861,729	914,399	1,029,677
63 Frost Control	0	0	860	948	1,791	2,070	2,648	2,930	3,523	3,897	4,765	5,057	5,694
64 Street Lighting	0	270	3,263	3,600	6,797	7,856	10,051	11,122	13,375	14,792	18,089	19,194	21,614
65 Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Total COPA Revenues	\$0	\$141,021	\$1,394,225	\$1,552,304	\$2,959,861	\$3,455,262	\$4,465,029	\$4,990,348	\$6,060,900	\$6,770,190	\$8,361,923	\$8,961,743	\$10,192,469
67 Total Revenue for Retail Sales + COPA	\$29,102,332	\$33,355,832	\$35,588,404	\$37,388,711	\$39,161,656	\$40,026,097	\$41,408,593	\$42,310,368	\$43,761,138	\$44,854,447	\$46,834,038	\$47,825,593	\$49,451,971
68 Percent Change	-4.8%	14.6%	6.7%	5.1%	4.7%	2.2%	3.5%	2.2%	3.4%	2.5%	4.4%	2.1%	3.4%
<b>Unit Revenue at Existing Rates (cents/kWh)</b>													
70 Retail Rates	5.10	5.46	6.13	6.38	6.61	6.69	6.86	6.94	7.10	7.21	7.45	7.53	7.71

Note:  
 (1) Source: Revenue Stats 2005 - 12312012 (Operating Data 6c) Feb 2013.xls

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 2013 Equity Management Plan  
 Table 3 - Income Statement - Accrual Basis  
 (\$000)

**Base Case**

Scenario: Base Case

Line	Historical (1)			Budget										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
1	Operating Revenue													
2	Retail Rate Revenues at Existing Rates	\$29,102	\$33,215	\$34,194	\$35,836	\$36,202	\$36,571	\$36,944	\$37,320	\$37,700	\$38,084	\$38,472	\$38,864	\$39,260
3	Future Base Rate Increases													
4		% of Base	Months											
4	Year	Sales Revenue	Effective											
5	2013	13.0%	6	2,190	4,706	4,754	4,803	4,852	4,901	4,951	5,001	5,052	5,104	
6	2014	12.5%	6		2,404	5,166	5,218	5,271	5,325	5,379	5,434	5,490	5,545	
7	2015	2.5%	6			546	1,174	1,186	1,198	1,210	1,223	1,235	1,248	
8	2016	2.5%	6				566	1,216	1,228	1,241	1,253	1,266	1,279	
9	2017	2.5%	6					586	1,259	1,272	1,285	1,298	1,311	
10	2018	0.0%	6						0	0	0	0	0	
11	2019	0.0%	6							0	0	0	0	
12	2020	0.0%	6								0	0	0	
13	2021	0.0%	6									0	0	
14	2022	0.0%	6										0	
15	Sales for Resale Revenue	\$5,802	\$6,742	\$3,532	\$2,641	\$2,577	\$2,509	\$2,437	\$3,133	\$3,065	\$2,993	\$2,917	\$2,837	\$2,753
16	COPA Revenues	0	141	1,394	1,552	2,960	3,455	4,465	4,990	6,061	6,770	8,362	8,962	10,192
17	Other Revenues	992	924	830	727	738	749	760	771	783	795	807	819	831
18	Total Operating Revenues	\$35,896	\$41,021	\$39,950	\$42,946	\$49,586	\$53,750	\$56,367	\$59,325	\$61,520	\$62,695	\$64,754	\$65,823	\$67,523
19	Operating Expenses													
20	Production	\$85	\$113	\$83	\$108	\$111	\$113	\$115	\$118	\$121	\$124	\$127	\$130	\$133
21	Purchased Power	23,896	24,061	22,284	23,837	25,244	25,740	26,749	28,417	29,509	30,240	31,854	32,476	33,730
22	Other Power Supply	521	687	832	1,086	1,110	1,134	1,159	1,184	1,210	1,237	1,264	1,292	1,320
23	Transmission	82	34	40	52	53	54	55	56	57	58	59	60	61
24	Distribution	5,381	4,721	5,427	7,088	7,244	7,403	7,566	7,732	7,902	8,076	8,254	8,436	8,622
25	Consumer Accounting	1,285	1,344	1,348	1,761	1,800	1,840	1,880	1,921	1,963	2,006	2,050	2,095	2,141
26	Customer Service & Information	677	509	747	976	997	1,019	1,041	1,064	1,087	1,111	1,135	1,160	1,186
27	Admin. & General	3,728	3,864	4,094	5,348	5,465	5,585	5,708	5,834	5,962	6,093	6,227	6,364	6,504
28	Tax Expense	1,829	2,127	2,210	2,360	2,464	2,518	2,605	2,662	2,753	2,822	2,946	3,009	3,111
29	Depreciation/Amortization	3,067	3,756	3,866	3,812	4,002	4,436	4,793	5,925	6,207	6,406	6,652	6,805	6,916
30	Total Cost of Electric Service	\$40,552	\$41,215	\$40,931	\$46,427	\$48,490	\$49,841	\$51,671	\$54,913	\$56,771	\$58,173	\$60,568	\$61,827	\$63,724
31	Net Operating Revenues	(\$4,656)	(\$194)	(\$981)	(\$3,481)	\$1,097	\$3,909	\$4,696	\$4,412	\$4,749	\$4,522	\$4,186	\$3,996	\$3,799
32	Other Income	401	564	1,323	991	979	975	975	975	975	975	975	975	975
33	Interest Expense	(932)	(1,970)	(1,302)	(1,875)	(3,235)	(3,161)	(4,530)	(4,451)	(4,328)	(4,190)	(4,045)	(3,894)	(3,723)
34	Debt Issuance Expense and Discount	(60)	(95)	(85)	(85)	(85)	(85)	(85)	(85)	(85)	(85)	(85)	(80)	(35)
35	Other Deductions	(50)	(351)	0	0	0	0	0	0	0	0	0	0	0
36	Contributions in Aid of Construction (2)	996	975	992	1,104	1,260	1,323	1,389	1,459	1,532	1,608	1,689	1,773	1,862
37	Use of Rate Stabilization Funds	1,400	0	0	2,000	0	0	0	0	0	0	0	0	0
38	Net Income (Loss)	(\$2,901)	(\$1,071)	(\$53)	(\$1,346)	\$17	\$2,961	\$2,446	\$2,310	\$2,843	\$2,831	\$2,720	\$2,770	\$2,878
39	Total Retail Energy Sales (MWh)	570,097	610,431	580,927	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170
40	Unit Revenue from Retail Sales (¢/kWh)	5.10	5.46	6.13	6.75	7.81	8.44	8.80	9.08	9.36	9.47	9.71	9.79	9.97
41	Increase over Previous Year	6.4%	7.0%	12.1%	10.2%	15.8%	8.0%	4.3%	3.2%	3.0%	1.1%	2.6%	0.9%	1.8%
42	Necessary Retail Rate Change			0.0%	13.0%	12.5%	2.5%	2.5%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%
43	DSC Ratio	0.77	1.36	1.47	1.25	1.38	2.02	1.76	1.67	1.77	1.78	1.78	1.78	1.96
44	Operating TIER	(4.99)	(0.10)	(0.75)	(1.86)	0.34	1.24	1.04	0.99	1.10	1.08	1.03	1.03	1.02
45	Total TIER	(2.11)	0.46	0.96	0.28	1.01	1.94	1.54	1.52	1.66	1.68	1.67	1.71	1.77
46	Working Capital (Days of O&M)	74	95	43	9	187	65	111	81	71	57	59	70	86

Note:

- (1) Sources: 2010 - 2011 Financial and Statistical Reports, Draft 2012 Financial and Statistical Report
- (2) Sources: EMP 2011 CIAC.xlsx



**DRAFT**

**Base Case**

Okanogan County PUD  
2013 Equity Management Plan  
Table 4 - Pro-Forma Balance Sheet as of December 31  
(\$000)

Scenario: Base Case

Line	Historical (1)			Projected										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
<b>ASSETS AND OTHER DEBITS</b>														
1	Total Utility Plant	\$137,519	\$141,269	\$146,711	\$157,340	\$171,903	\$190,927	\$217,931	\$225,532	\$231,464	\$238,195	\$242,549	\$245,725	\$248,632
2	Accum. Prov. for Deprec.	(52,369)	(53,648)	(56,805)	(59,627)	(62,639)	(66,085)	(69,888)	(74,823)	(80,040)	(85,456)	(91,118)	(96,933)	(102,859)
3	Net Utility Plant	\$85,150	\$87,621	\$89,906	\$97,713	\$109,264	\$124,842	\$148,043	\$150,709	\$151,424	\$152,739	\$151,431	\$148,792	\$145,773
4	Other Property & Investments													
5	Investments in Associated Companies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Electric Investment in Communications	2,150	1,979	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799
7	Total Other Property & Investments	\$2,150	\$1,979	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799
8	Current Assets													
9	Revenue Fund	\$2,832	\$3,763	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818
10	Working Funds	15	15	15	15	15	15	15	15	15	15	15	15	15
11	Temporary Cash Investments	4,773	6,004	2,582	(820)	20,916	6,308	12,482	9,087	8,070	6,303	6,902	8,728	11,479
12	Accrued Utility Revenues	2,321	1,996	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189
13	Other Current Assets	6,302	5,990	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835
14	Total Unrestricted Current Assets	\$16,243	\$17,768	\$13,440	\$10,038	\$31,774	\$17,166	\$23,339	\$19,944	\$18,928	\$17,160	\$17,759	\$19,585	\$22,336
15	Restricted Current Assets													
16	Bond Sinking Funds	\$567	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290
17	Customer Deposits	450	600	600	600	600	600	600	600	600	600	600	600	600
18	Compensated Absences	1,100	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
19	Debt Service Reserve Funds	0	0	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945
20	Bond Construction Funds	14,898	9,263	7,266	0	0	0	0	0	0	0	0	0	0
21	Other Special Funds (Rate Stab. Fund)	6,135	6,135	6,135	4,135	4,135	4,135	4,135	4,135	4,135	4,135	4,135	4,135	4,135
22	Total Restricted Current Assets	\$23,150	\$17,687	\$17,635	\$8,369	\$8,369	\$8,369	\$8,369	\$8,369	\$8,369	\$8,369	\$8,369	\$8,369	\$8,369
23	Deferred Debits													
24	Unamortized Debt Expense	\$415	\$389	\$370	\$351	\$333	\$314	\$295	\$276	\$257	\$238	\$220	\$201	\$182
25	Unamortized Loss on Reacquired Debt	845	770	695	620	545	470	395	321	246	171	96	25	0
26	Other Deferred Debits	2,987	2,222	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882
27	Total Assets & Other Debits	\$130,940	\$128,436	\$127,728	\$122,773	\$155,966	\$156,843	\$186,124	\$185,300	\$184,905	\$184,359	\$183,556	\$182,654	\$182,342
<b>EQUITIES AND LIABILITIES</b>														
28	Net Assets													
29	Restricted for Capital Construction	\$14,898	\$9,263	\$7,266	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	Restricted for Debt Service	0	0	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078
31	Restricted for Contingencies	6,135	6,135	6,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250
32	Appropriated Net Assets	4,000	4,000	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036
33	Unappropriated Net Assets	46,144	51,208	52,584	58,504	58,521	61,482	63,928	66,238	69,081	71,912	74,632	77,402	80,280
34	Contributions in Aid of Construction	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558
35	Total Net Assets	\$82,735	\$82,164	\$82,772	\$79,426	\$79,443	\$82,404	\$84,850	\$87,160	\$90,003	\$92,834	\$95,554	\$98,324	\$101,202
36	Non-Current Liabilities													
37	Long-Term Debt	\$39,595	\$38,040	\$36,440	\$34,425	\$67,550	\$65,394	\$91,270	\$88,041	\$84,673	\$81,159	\$77,496	\$74,315	\$74,315
38	Other Long Term Liabilities	363	357	347	338	329	320	311	302	293	283	274	265	256
39	Total Long-Term Liabilities	\$39,958	\$38,397	\$36,787	\$34,763	\$67,879	\$65,714	\$91,581	\$88,343	\$84,966	\$81,442	\$77,770	\$74,580	\$74,571
40	Current and Accrued Liabilities													
41	Warrants Outstanding	\$625	\$247	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188
42	Accounts Payable	3,344	3,126	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283
43	Taxes Accrued	822	944	969	969	969	969	969	969	969	969	969	969	969
44	Miscellaneous	78	85	86	86	86	86	86	86	86	86	86	86	86
45	Other Regulatory Liabilities	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Total Current and Accrued Liabilities	\$4,869	\$4,402	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527
47	Current Liab. Payable from Restricted Assets													
48	Current Portion of Long Term Debt	\$1,190	\$1,555	\$1,600	\$2,015	\$2,075	\$2,156	\$3,124	\$3,229	\$3,368	\$3,514	\$3,663	\$3,181	\$0
49	Interest on Long Term Debt	431	160	156	156	156	156	156	156	156	156	156	156	156
50	Compensated Absences	1,199	1,191	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350
51	Customer Deposits	558	568	535	535	535	535	535	535	535	535	535	535	535
52	Total Current Liab. Payable from Restricted Assets	\$3,378	\$3,474	\$3,642	\$4,057	\$4,117	\$4,198	\$5,166	\$5,271	\$5,410	\$5,556	\$5,705	\$5,223	\$2,042
53	Deferred Credits	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Total Equities and Liabilities	\$130,939	\$128,436	\$127,728	\$122,773	\$155,966	\$156,843	\$186,123	\$185,300	\$184,905	\$184,359	\$183,556	\$182,654	\$182,342
<b>FINANCIAL RATIOS</b>														
55	Equity to Total Assets	63.2%	64.0%	64.8%	64.7%	50.9%	52.5%	45.6%	47.0%	48.7%	50.4%	52.1%	53.8%	55.5%
56	Working Capital (Days of O&M)	74	95	43	9	187	65	111	81	71	57	59	70	86

Note:

(1) Sources: 2010 - 2011 Financial and Statistical Reports, Draft 2012 Financial and Statistical Report

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**Base Case**

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 5 - Statement of Operations - Cash Basis  
 (\$000)

Scenario: Base Case

Line	Projected									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1 Total Net Operating Revenues	(\$3,481)	\$1,097	\$3,909	\$4,696	\$4,412	\$4,749	\$4,522	\$4,186	\$3,996	\$3,799
2 Add: Depreciation	3,812	4,002	4,436	4,793	5,925	6,207	6,406	6,652	6,805	6,916
3 Add: Other Income	991	979	975	975	975	975	975	975	975	975
4 Add: Use of Rate Stabilization Fund	2,000	0	0	0	0	0	0	0	0	0
5 Cash from Operations	\$3,322	\$6,078	\$9,320	\$10,464	\$11,312	\$11,931	\$11,904	\$11,813	\$11,776	\$11,691
6 Debt Service - Long Term										
7 Existing - Interest	\$1,875	\$1,827	\$1,768	\$1,702	\$1,639	\$1,577	\$1,502	\$1,424	\$1,342	\$1,244
8 Existing - Principal	1,600	1,645	1,690	1,755	1,830	1,875	1,950	2,030	2,110	1,555
9 New - Interest	0	1,408	1,393	2,828	2,812	2,751	2,688	2,621	2,552	2,479
10 New - Principal	0	370	385	401	1,294	1,354	1,418	1,484	1,553	1,626
11 Total Debt Service	\$3,475	\$5,250	\$5,236	\$6,686	\$7,575	\$7,557	\$7,558	\$7,559	\$7,557	\$6,904
12 Cash Margins After Debt Service	(\$153)	\$828	\$4,084	\$3,778	\$3,737	\$4,374	\$4,346	\$4,254	\$4,219	\$4,787
13 Cash from Investing Activities										
14 Total Additions and Replacements	(10,515)	(14,292)	(18,692)	(26,605)	(7,132)	(5,391)	(6,113)	(3,655)	(2,393)	(2,036)
15 Cash from Financing Activities										
16 Proceeds from Long Term Debt	0	35,200	0	29,000	0	0	0	0	0	0
17 Proceeds from Bond Construction Funds	7,266	0	0	0	0	0	0	0	0	0
18 Cash from Investing and Financing Activities	(3,249)	20,908	(18,692)	2,395	(7,132)	(5,391)	(6,113)	(3,655)	(2,393)	(2,036)
19 Net Cash	(3,402)	21,736	(14,608)	6,174	(3,395)	(1,017)	(1,767)	599	1,826	2,751
FINANCIAL RATIOS										
20 Debt Service Coverage	1.25	1.38	2.02	1.76	1.67	1.77	1.78	1.78	1.78	1.96

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 6 - General Funds Summary  
 (\$000)

Scenario: Base Case

Line	Projected									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>SOURCES OF GENERAL FUNDS</b>										
1	\$19,904	\$7,236	\$28,972	\$14,364	\$20,537	\$17,142	\$16,126	\$14,359	\$14,958	\$16,784
2	(153)	828	4,084	3,778	3,737	4,374	4,346	4,254	4,219	4,787
3	0	35,200	0	29,000	0	0	0	0	0	0
4	(2,000)	0	0	0	0	0	0	0	0	0
5	\$17,751	\$43,264	\$33,056	\$47,142	\$24,274	\$21,517	\$20,471	\$18,613	\$19,177	\$21,570
<b>USES OF GENERAL FUNDS</b>										
6	7,266	35,200	0	29,000	0	0	0	0	0	0
7	3,249	(20,908)	18,692	(2,395)	7,132	5,391	6,113	3,655	2,393	2,036
8	0	0	0	0	0	0	0	0	0	0
9	\$10,515	\$14,292	\$18,692	\$26,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
10	\$7,236	\$28,972	\$14,364	\$20,537	\$17,142	\$16,126	\$14,359	\$14,958	\$16,784	\$19,535

Notes

	2012
(1) Components of general funds as of December 31 were:	
Sinking Funds	\$290
Rate Stabilization Fund	6,135
Employee Compensated Absences Fund	1,400
Customer Deposit Fund	600
Revenue Fund Less Warrants Outstanding	1,631
Temporary Cash Investments	2,582
Bond Construction Funds	7,266
Total	\$19,904

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**Base Case**

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 7 - Plant Investment and Depreciation Expense  
 (\$000)

Scenario: Base Case

Line	Projected									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
UTILITY PLANT										
1	\$146,711	\$157,340	\$171,903	\$190,927	\$217,931	\$225,532	\$231,464	\$238,195	\$242,549	\$245,725
2	Additions and Replacements - CIP Inflation Adjusted									
3	Funded with Bonds									
4	3,049	1,671	11,262	21,819	0	0	0	0	0	0
5	Funded with Revenue and/or Reserves									
6	2,916	2,157	2,322	2,100	2,224	2,325	3,249	3,392	3,649	3,729
7	2,500	6,789	0	0	0	0	0	0	0	0
8	500	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	342	2,795	0	0	0
10	0	0	0	0	0	0	0	1,428	0	0
11	0	2,298	1,494	0	0	0	0	0	0	0
12	0	0	0	0	3,679	0	0	0	0	0
13	0	0	0	818	0	0	0	0	0	0
14	0	313	2,135	0	0	0	0	0	0	0
15	0	0	0	1,636	0	0	0	0	0	0
16	0	0	0	0	0	855	0	0	0	0
17	2,020	574	438	0	736	1,709	70	0	243	0
18	0	0	801	0	0	0	873	0	0	0
19	0	63	64	65	67	68	70	71	73	75
20	634	710	619	382	764	530	419	274	201	93
21	0	977	881	1,173	1,121	1,094	245	179	0	0
22	0	0	0	0	0	0	0	0	0	0
23	\$11,619	\$15,552	\$20,015	\$27,994	\$8,591	\$6,922	\$7,721	\$5,344	\$4,166	\$3,897
24	990	990	990	990	990	990	990	990	990	990
25	\$157,340	\$171,903	\$190,927	\$217,931	\$225,532	\$231,464	\$238,195	\$242,549	\$245,725	\$248,632
26	Net Additions and Replacements									
27	\$6,070	\$6,779	\$6,618	\$6,175	\$4,911	\$6,580	\$4,926	\$5,344	\$4,166	\$3,897
28	5,549	8,774	13,397	21,819	3,679	342	2,795	-	-	-
29	\$11,619	\$15,552	\$20,015	\$27,994	\$8,591	\$6,922	\$7,721	\$5,344	\$4,166	\$3,897

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**Base Case**

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 7 - Plant Investment and Depreciation Expense  
 (\$000)

Scenario: Base Case

Line		Projected									
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	DEPRECIATION EXPENSE										
30	Funded with Bonds										
31	Enloe Dam License/Construction	2.50%	0	0	0	0	945	945	945	945	945
32	Funded with Revenue and/or Reserves										
33	Normal Replacements & Additions	3.00%	0	87	152	222	285	352	421	519	621
34	PT Transmission Line	3.00%	0	0	279	279	279	279	279	279	279
35	Gold Creek Substation Construction	3.00%	0	15	15	15	15	15	15	15	15
36	Aeneas to Tonasket 115kV Transmission Line Construction	3.00%	0	0	0	0	0	0	94	94	94
37	Aeneas Valley Substation	3.00%	0	0	0	0	0	0	0	43	43
38	Tonasket Substation Addition	3.00%	0	0	0	114	114	114	114	114	114
39	Okanogan to Brewster 115kV Transmission Line Replacement	3.00%	0	0	0	0	110	110	110	110	110
40	Sandflat Substation Addition	3.00%	0	0	0	0	25	25	25	25	25
41	Ophir to Monse 115kV Transmission Line	3.00%	0	0	0	73	73	73	73	73	73
42	Monse Substation Construction	3.00%	0	0	0	0	49	49	49	49	49
43	Loup Loup Substation Addition / MOS and Power Transformer	3.00%	0	0	0	0	0	0	26	26	26
44	Facilities	2.50%	0	51	65	76	76	94	137	139	145
45	Mobile Substation and Power Transformer Replacements	3.00%	0	0	0	24	24	24	50	50	50
46	SCADA	3.00%	0	0	2	4	6	8	10	12	14
47	Vehicle Replacements and New	10.00%	0	63	134	196	235	311	364	406	433
48	Distribution Projects (District) (No projects planned after 2020 at this time)	3.00%	0	0	29	56	91	125	157	165	170
49	Existing Plant	2.62%	3,812	3,786	3,760	3,734	3,708	3,683	3,657	3,631	3,605
50	Total Depreciation Expense		\$3,812	\$4,002	\$4,436	\$4,793	\$5,925	\$6,207	\$6,406	\$6,652	\$6,805
51	Less Depreciation in Other Accounts		0	0	0	0	0	0	0	0	0
52	Net Depreciation Expense		\$3,812	\$4,002	\$4,436	\$4,793	\$5,925	\$6,207	\$6,406	\$6,652	\$6,805
53	2012 ESTIMATED DEPRECIATION RATE ON EXISTING PLANT										
54	Total Utility Plant in Service (EOY)	146,711									
55	Depreciation Expense	3,838									
56	Estimated Average Depreciation Rate	2.62%									
57	ESTIMATED PLANT IN SERVICE - EXISTING PLANT										
58	Total Existing Plant in Service (BOY)	146,711	145,721	144,731	143,741	142,751	141,761	140,771	139,781	138,791	137,801
59	Retirements	990	990	990	990	990	990	990	990	990	990
60	Total Existing Plant in Service (EOY)	145,721	144,731	143,741	142,751	141,761	140,771	139,781	138,791	137,801	136,811
61	Estimated Depreciation Expense on Existing Plant	3,812	3,786	3,760	3,734	3,708	3,683	3,657	3,631	3,605	3,579

**DRAFT**  
 Okanogan County PUD  
 2013 Equity Management Plan  
 Table 8 - Long-Term Debt and Debt Service  
 (\$000)

**Base Case**

Scenario: Base Case

		Projected									
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>EXISTING LONG TERM DEBT</b>											
1	Balance (Beg Yr)	\$38,040	\$36,440	\$34,795	\$33,105	\$31,350	\$29,520	\$27,645	\$25,695	\$23,665	\$21,555
2	Principal Repayments	1,600	1,645	1,690	1,755	1,830	1,875	1,950	2,030	2,110	1,555
3	Balance (End Yr)	\$36,440	\$34,795	\$33,105	\$31,350	\$29,520	\$27,645	\$25,695	\$23,665	\$21,555	\$20,000
<b>EXISTING DEBT INTEREST AND PRINCIPAL PAYMENTS</b>											
4	Interest										
5	2003 Bonds	\$321	\$293	\$261	\$228	\$192	\$158	\$130	\$101	\$70	\$36
6	2010 Bonds	1,554	1,534	1,507	1,475	1,447	1,419	1,372	1,323	1,272	1,208
7	Total Interest	\$1,875	\$1,827	\$1,768	\$1,702	\$1,639	\$1,577	\$1,502	\$1,424	\$1,342	\$1,244
8	Principal										
9	2003 Bonds	\$555	\$580	\$615	\$650	\$685	\$700	\$730	\$760	\$790	\$825
10	2010 Bonds	1,045	1,065	1,075	1,105	1,145	1,175	1,220	1,270	1,320	730
11	Total Principal	\$1,600	\$1,645	\$1,690	\$1,755	\$1,830	\$1,875	\$1,950	\$2,030	\$2,110	\$1,555
<b>FUNDING REQUIREMENTS</b>											
12	Capital Funding Requirements (1)	\$10,515	\$14,292	\$18,692	\$26,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
13	Refinancing Requirements	0	0	0	0	0	0	0	0	0	0
14	Total Funding Requirements	\$10,515	\$14,292	\$18,692	\$26,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
15	Loan Funds Advanced	0	35,200	0	29,000	0	0	0	0	0	0
16	Use of Unspent Bond Proceeds	7,266	0	0	0	0	0	0	0	0	0
17	General Funds Invested	\$3,249	(\$20,908)	\$18,692	(\$2,395)	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
<b>NEW LONG TERM DEBT</b>											
18	New Long Term Debt										
19	BOY Balance	\$0	\$0	\$34,830	\$34,445	\$63,044	\$61,750	\$60,396	\$58,978	\$57,494	\$55,941
20	Loan Funds Advanced	0	35,200	0	29,000	0	0	0	0	0	0
21	Interest Expense	0	1,408	1,393	2,828	2,812	2,751	2,688	2,621	2,552	2,479
22	Principal Payments	0	370	385	401	1,294	1,354	1,418	1,484	1,553	1,626
23	Total Debt Service	\$0	\$1,778	\$1,778	\$3,229	\$4,106	\$4,105	\$4,106	\$4,105	\$4,105	\$4,105
24	EOY Balance	\$0	\$34,830	\$34,445	\$63,044	\$61,750	\$60,396	\$58,978	\$57,494	\$55,941	\$54,315
<b>TOTAL LONG TERM DEBT SERVICE</b>											
25	Interest										
26	Existing Debt	\$1,875	\$1,827	\$1,768	\$1,702	\$1,639	\$1,577	\$1,502	\$1,424	\$1,342	\$1,244
27	New Long Term Debt	0	1,408	1,393	2,828	2,812	2,751	2,688	2,621	2,552	2,479
28	Total Interest	\$1,875	\$3,235	\$3,161	\$4,530	\$4,451	\$4,328	\$4,190	\$4,045	\$3,894	\$3,723
29	Principal										
30	Existing Debt	\$1,600	\$1,645	\$1,690	\$1,755	\$1,830	\$1,875	\$1,950	\$2,030	\$2,110	\$1,555
31	New Long Term Debt	0	370	385	401	1,294	1,354	1,418	1,484	1,553	1,626
32	Total Principal	\$1,600	\$2,015	\$2,075	\$2,156	\$3,124	\$3,229	\$3,368	\$3,514	\$3,663	\$3,181
33	Total Debt Service	\$3,475	\$5,250	\$5,236	\$6,686	\$7,575	\$7,557	\$7,558	\$7,559	\$7,557	\$6,904
34	Less Portion Allocated to Telecom	0	0	0	0	0	0	0	0	0	0
35	Total Electric System Debt Service	\$3,475	\$5,250	\$5,236	\$6,686	\$7,575	\$7,557	\$7,558	\$7,559	\$7,557	\$6,904
<b>TOTAL LONG TERM DEBT</b>											
34	Balance (Beg Yr)	\$38,040	\$36,440	\$69,625	\$67,550	\$94,394	\$91,270	\$88,041	\$84,673	\$81,159	\$77,496
35	Loan Funds Advanced	-	35,200	-	29,000	-	-	-	-	-	-
36	Less Principal Repayments	1,600	2,015	2,075	2,156	3,124	3,229	3,368	3,514	3,663	3,181
37	Balance (End Yr)	\$36,440	\$69,625	\$67,550	\$94,394	\$91,270	\$88,041	\$84,673	\$81,159	\$77,496	\$74,315
<b>35 Current Portion of Long Term Debt - EOY</b>											
36	Existing Debt	\$1,645	\$1,690	\$1,755	\$1,830	\$1,875	\$1,950	\$2,030	\$2,110	\$1,555	\$0
37	New Long Term Debt	370	385	401	1,294	1,354	1,418	1,484	1,553	1,626	0
38	Total Current Portion	\$2,015	\$2,075	\$2,156	\$3,124	\$3,229	\$3,368	\$3,514	\$3,663	\$3,181	\$0

Notes

(1) Includes CIAC

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**Base Case**

Okanogan County PUD  
2013 Equity Management Plan  
Table 9 - Energy Resources and Cost of Power

Scenario: Base Case

		Projected										Avg. Annual Increase
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2013 - 2022
<b>POWER SUPPLY (MWh)</b>												
1	Purchased Power											
2	BPA Block	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	0.0%
3	BPA Slice	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	0.0%
4	Douglas NCW Trans.	629	629	629	629	629	629	629	629	629	629	0.0%
5	Wells	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	0.0%
6	Nine Canyon Wind	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	0.0%
7	Douglas-Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	n/a
8	Other	0	0	0	0	0	0	0	0	0	0	n/a
9	Subtotal - Purchased Power	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	0.0%
10	New Resources											
11	Enloe Dam	0	0	0	0	44,963	44,963	44,963	44,963	44,963	44,964	n/a
12	Subtotal - New Resources	0	0	0	0	44,963	44,963	44,963	44,963	44,963	44,964	n/a
13	Generation Losses	0	0	0	0	0	0	0	0	0	0	n/a
14	Total Power Supply	797,402	797,402	797,402	797,402	842,365	842,365	842,365	842,365	842,365	842,366	0.6%
<b>POWER REQUIREMENTS (MWh)</b>												
15	Retail Energy Sales	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170	1.0%
16	Sales for Resale	163,437	157,097	150,694	144,227	182,659	176,062	169,398	162,669	155,872	149,008	-1.0%
17	Station Use	0	0	0	0	0	0	0	0	0	0	n/a
18	Distribution Line Losses	47,718	48,195	48,677	49,164	49,655	50,152	50,653	51,160	51,672	52,188	1.0%
19	Total	797,402	797,402	797,402	797,402	842,365	842,365	842,365	842,365	842,365	842,366	0.6%
<b>LOSSES (MWh)</b>												
20	As a Percent of Requirements	6.0%	6.0%	6.1%	6.2%	5.9%	6.0%	6.0%	6.1%	6.1%	6.2%	
<b>POWER COSTS (\$000)</b>												
21	Purchased Power											
22	BPA Block	\$6,363	\$6,789	\$6,904	\$7,197	\$7,319	\$7,629	\$7,758	\$8,086	\$8,223	\$8,572	3.4%
23	BPA Slice	8,365	8,935	9,065	9,455	9,593	10,006	10,305	11,200	11,364	11,856	4.0%
24	Douglas NCW Trans.	2,139	2,341	2,376	2,481	2,518	2,630	2,669	2,788	2,830	2,955	3.7%
25	Wells	4,143	4,267	4,395	4,527	4,663	4,803	4,947	5,095	5,248	5,405	3.0%
26	Nine Canyon Wind	2,827	2,912	3,000	3,090	3,182	3,278	3,376	3,477	3,582	3,689	3.0%
27	Douglas-Nine Canyon Wind	0	0	0	0	0	0	0	0	0	0	n/a
28	Other	0	0	0	0	0	0	0	0	0	0	n/a
29	Subtotal - Purchased Power	\$23,837	\$25,244	\$25,740	\$26,749	\$27,275	\$28,345	\$29,054	\$30,646	\$31,246	\$32,477	3.5%
30	New Resources											
31	Enloe Dam	\$0	\$0	\$0	\$0	\$1,143	\$1,164	\$1,186	\$1,208	\$1,231	\$1,254	
32	Subtotal - New Resources	\$0	\$0	\$0	\$0	\$1,143	\$1,164	\$1,186	\$1,208	\$1,231	\$1,254	
33	Total Fuel and Purchased Power	\$23,837	\$25,244	\$25,740	\$26,749	\$28,417	\$29,509	\$30,240	\$31,854	\$32,476	\$33,730	
<b>UNIT POWER COSTS (cents/kWh)</b>												
35	BPA Block	3.04	3.24	3.30	3.44	3.49	3.64	3.70	3.86	3.93	4.09	3.4%
36	BPA Slice	2.92	3.12	3.17	3.30	3.35	3.50	3.60	3.91	3.97	4.14	4.0%
37	Douglas NCW Trans.	340.02	372.12	377.71	394.45	400.37	418.12	424.39	443.21	449.85	469.80	3.7%
38	Wells	1.60	1.65	1.70	1.75	1.80	1.85	1.91	1.97	2.03	2.09	3.0%
39	Nine Canyon Wind	6.71	6.91	7.12	7.33	7.55	7.78	8.01	8.25	8.50	8.75	3.0%
40	Douglas-Nine Canyon Wind	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
41	Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
42	Enloe Dam	n/a	n/a	n/a	n/a	2.54	2.59	2.64	2.69	2.74	2.79	n/a
43	Total	2.99	3.17	3.23	3.35	3.37	3.50	3.59	3.78	3.86	4.00	3.3%

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 Okanogan County PUD  
 2013 Equity Management Plan  
 Table 10 - Projected COPA Revenues

**Base Case**

**Scenario: Base Case**

Line	Actual		Projected									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
SALES (MWh)												
1 Residential	324,538	289,640	295,092	298,892	302,730	306,606	310,521	314,476	318,469	322,503	326,577	330,692
2 General Service	202,557	204,212	206,255	208,317	210,400	212,504	214,629	216,776	218,943	221,133	223,344	225,578
3 Industrial	21,141	20,584	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409
4 Irrigation	60,318	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773
5 Frost Control	517	358	358	358	358	358	358	358	358	358	358	358
6 Street Lighting	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360
7 Total Retail Sales	610,431	580,927	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170
8												
POWER SUPPLY COSTS (\$000)												
9 Purchased Power	\$24,061	\$22,284	\$23,837	\$25,244	\$25,740	\$26,749	\$28,417	\$29,509	\$30,240	\$31,854	\$32,476	\$33,730
11 Less Enloe Dam	-	-	-	-	-	-	1,143	1,164	1,186	1,208	1,231	1,254
12 Net Purchased Power Costs	\$24,061	\$22,284	\$23,837	\$25,244	\$25,740	\$26,749	\$27,275	\$28,345	\$29,054	\$30,646	\$31,246	\$32,477
13												
14 Additional COPA Revenue (\$000)		n/a	\$1,552	\$2,960	\$3,455	\$4,465	\$4,990	\$6,061	\$6,770	\$8,362	\$8,962	\$10,192
15												
16 COPA Charge (\$/kWh)	n/a	n/a	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590





# Okanogan County PUD Preliminary Draft 2013 Equity Management Plan Update



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**Option 1 - Two Rate Increases**

Okanogan County PUD  
2013 Equity Management Plan  
Table 1 - Summary of Results and Assumptions

**Scenario: Option 1**

Line SUMMARY OF RESULTS	Historical			Projected										Avg. Annual Rate Change 2012 - 2022
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
1 Unit Revenue from Retail Sales (¢/kWh)	5.10	5.46	6.13	6.84	8.13	8.81	8.97	9.05	9.22	9.32	9.57	9.65	9.83	
2 Increase over Previous Year	6.4%	7.0%	12.1%	11.6%	18.8%	8.4%	1.9%	0.9%	1.8%	1.1%	2.6%	0.9%	1.9%	4.8%
3 Necessary Retail Rate Change (Effective July 1)	0.0%	0.0%	0.0%	16.0%	16.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
4 Equity to Total Assets	63.2%	64.0%	64.8%	64.8%	51.7%	53.9%	48.2%	49.6%	51.0%	52.5%	54.0%	55.5%	57.0%	
5 Cash (Year End) (\$000)	\$7,619	\$9,782	\$4,416	\$1,019	\$24,596	\$12,160	\$15,541	\$12,254	\$10,676	\$8,339	\$8,358	\$9,596	\$11,748	
6 Days of Working Capital on Hand	74	95	43	9	202	98	121	91	77	59	57	64	75	
7 Debt Service Coverage Ratio (DSCR)	0.77	1.36	1.47	1.25	1.73	2.43	1.97	1.72	1.73	1.73	1.73	1.74	1.91	
8 Operating TIER	(4.99)	(0.10)	(0.75)	(1.59)	0.91	1.92	1.32	0.99	0.94	0.91	0.85	0.83	0.81	
9 Total TIER	(2.11)	0.46	0.96	0.29	1.57	2.62	1.84	1.54	1.52	1.53	1.52	1.55	1.60	
<b>Line ASSUMPTIONS</b>														
10 General Inflation (1)	2.20%													
11 Inflation for Other Operating Revenues (2)	1.50%													
12 Customer Service Inflation (2)	2.20%													
13 Power Supply and Costs - Scenario Selection	Base Case													
14 Borrowing Assumptions - Enloe Dam														
15 Interest Rate - Co Bank	4.0%													
16 Term (Years)	40													
17 Borrowing Assumptions - Non-Enloe Dam														
18 Interest Rate	5.0%													
19 Term (Years)	20													
20 2013 Effective Energy/Demand Rates (\$/kWh)														
21 Residential	0.05849													
22 General Service	0.05764													
23 Industrial	0.05447													
24 Irrigation	0.04611													
25 Frost Control	0.02874													
26 Street Lighting	0.09718													

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Option 1 - Two Rate Increases

Okanogan County PUD  
2013 Equity Management Plan  
Table 1 - Summary of Results and Assumptions

Scenario: Option 1

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
27 Capital Improvements (\$000) - 2012\$ (3)											
28 Funded with Bonds											
29 Enloe Dam License/Construction	3,049	1,600	10,550	20,000	0	0	0	0	0	0	35,199
30 Funded with Revenue and/or Reserves											
31 Normal Replacements & Additions	2,916	2,065	2,175	1,925	1,995	2,040	2,790	2,850	3,000	3,000	24,756
32 PT Transmission Line	2,500	6,500	0	0	0	0	0	0	0	0	9,000
33 Gold Creek Substation Construction	500	0	0	0	0	0	0	0	0	0	500
34 Aeneas to Tonasket 115kV Transmission Line Construction	0	0	0	0	0	300	2,400	0	0	0	2,700
35 Aeneas Valley Substation	0	0	0	0	0	0	0	1,200	0	0	1,200
36 Tonasket Substation Addition	0	2,200	1,400	0	0	0	0	0	0	0	3,600
37 Okanogan to Brewster 115kV Transmission Line Replacement	0	0	0	0	3,300	0	0	0	0	0	3,300
38 Sandflat Substation Addition	0	0	0	750	0	0	0	0	0	0	750
39 Ophir to Monse 115kV Transmission Line	0	300	2,000	0	0	0	0	0	0	0	2,300
40 Monse Substation Construction	0	0	0	1,500	0	0	0	0	0	0	1,500
41 Loup Loup Substation Addition / MOS and Power Transformer	0	0	0	0	0	750	0	0	0	0	750
42 Facilities	2,020	550	410	0	660	1,500	60	0	200	0	5,400
43 Mobile Substation and Power Transformer Replacements	0	0	750	0	0	0	750	0	0	0	1,500
44 SCADA	0	60	60	60	60	60	60	60	60	60	540
45 Vehicle Replacements and New	634	680	580	350	685	465	360	230	165	75	4,224
46 Distribution Projects (No projects planned after 2020 at this time)	0	935	825	1,075	1,005	960	210	150	0	0	5,160
47 Other Capital Additions											0
48 Total	\$11,619	\$14,890	\$18,750	\$25,660	\$7,705	\$6,075	\$6,630	\$4,490	\$3,425	\$3,135	\$102,379
49 Check											
50 Target DSCR	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
51 Target Operating TIER	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
52 Target Total TIER	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
53 Target Working Capital (Days of O&M)	60	60	60	60	60	60	60	60	60	60	

Notes:

- (1) Sources: Projected long term growth rate of GDP Price Index per October 2012 Blue Chip Economic Indicator report.
- (2) Per OKPUD staff, email on 7/17/12
- (3) The 2013 CIP budget is in 2013 dollars. 2013 Budget Source: Capital Outlay 2012 and 2013 Rev.xlsx, 2014-2022 Source: EMP Estimate.xlsx.

**Scenario: Option 1**

Line	Historical (1)			Projected									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>SALES (MWh)</b>													
1 Residential	289,163	324,538	289,640	295,092	298,892	302,730	306,606	310,521	314,476	318,469	322,503	326,577	330,692
2 General Service	197,733	202,557	204,212	206,255	208,317	210,400	212,504	214,629	216,776	218,943	221,133	223,344	225,578
3 Industrial	21,602	21,141	20,584	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409
4 Irrigation	59,820	60,318	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773
5 Frost Control	438	517	358	358	358	358	358	358	358	358	358	358	358
6 Street Lighting	1,340	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360
7 Total Retail Sales	570,097	610,431	580,927	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170
8 Sales for Resale	213,866	357,255	267,366	163,437	157,097	150,694	144,227	182,659	176,062	169,398	162,669	155,872	149,008
9 Adjustment	0	0	0	-	-	-	-	-	-	-	-	-	-
10 Total Energy Sales	783,963	967,686	848,293	749,684	749,207	748,725	748,238	792,710	792,213	791,712	791,205	790,694	790,178
<b>CUSTOMER ACCOUNTS</b>													
11 Residential	16,857	16,840	16,937	17,106	17,277	17,450	17,625	17,801	17,979	18,159	18,340	18,524	18,709
12 General Service	2,378	2,367	2,377	2,401	2,425	2,449	2,474	2,498	2,523	2,548	2,574	2,600	2,626
13 Industrial	4	4	4	3	3	3	3	3	3	3	3	3	3
14 Irrigation	1,207	1,198	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
15 Frost Control	134	136	140	140	140	140	140	140	140	140	140	140	140
16 Street Lighting	21	21	21	21	21	21	21	21	21	21	21	21	21
17 Total Customer Accounts	20,601	20,566	20,679	20,871	21,066	21,263	21,462	21,663	21,866	22,071	22,278	22,487	22,699
<b>CUSTOMER HP RATING (IRR./FROST CONTROL)</b>													
18 Irrigation													
19 0 - 74.9 HP	17,177	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
20 75+ HP	27,190	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
21 Total HP	44,367	45,761	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
22 Frost Control	10,433	12,096	12,208	12,269	12,331	12,392	12,454	12,517	12,579	12,642	12,705	12,769	12,833
<b>MONTHLY USAGE PER CUSTOMER ACCOUNT (kWh)</b>													
23 Residential	1,429	1,606	1,425	1,438	1,442	1,446	1,450	1,454	1,458	1,462	1,465	1,469	1,473
24 General Service	6,929	7,131	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159
25 Industrial	450,046	440,438	428,827	511,374	511,374	511,374	511,374	511,374	511,374	511,374	511,374	511,374	511,374
26 Irrigation	4,130	4,196	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498
27 Frost Control	272	317	213	213	213	213	213	213	213	213	213	213	213
28 Street Lighting	5,318	5,397	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396
<b>EXISTING RATES - CUSTOMER CHARGE (\$/customer/month)</b>													
29 Residential	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
30 General Service	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
31 Industrial	417.50	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
32 Irrigation	0.00	0.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
33 Frost Control	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34 Street Lighting	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Scenario: Option 1**

Line	Historical (1)			Projected									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>EXISTING RATES - AVERAGE ENERGY AND DEMAND RATE (\$/kWh)</b>													
35 Residential	\$0.04475	\$0.04925	\$0.05571	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849
36 General Service	0.05325	0.05592	0.05677	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764
37 Industrial	0.04456	0.04944	0.05258	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447
38 Irrigation	0.02870	0.02749	0.04065	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611
39 Frost Control	0.05960	0.04295	0.03870	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874
40 Street Lighting	0.09459	0.09134	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718
<b>EXISTING RATES - COPA (\$/kWh)</b>													
41 Residential	n/a	\$0.00240	\$0.00240	\$0.002648	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
42 General Service	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
43 Industrial	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
44 Irrigation	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
45 Frost Control	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
46 Street Lighting	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
<b>EXISTING RATES - FACILITIES CHARGE (\$/HP) -- IRR. AND FROST CONTROL</b>													
47 Irrigation													
48 0 - 74.9 HP	\$10.85	\$14.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
49 75+ HP	7.00	14.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
50 Frost Control	3.73	4.13	4.38	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
<b>RETAIL REVENUES AT EXISTING RATES - EXCLUDES COPA</b>													
51 Residential	\$14,961,740	\$18,003,321	\$18,167,523	\$19,311,279	\$19,554,046	\$19,799,241	\$20,046,887	\$20,297,010	\$20,549,634	\$20,804,785	\$21,062,487	\$21,322,766	\$21,585,648
52 General Service	10,872,507	11,667,321	11,935,462	12,234,468	12,356,813	12,480,381	12,605,185	12,731,237	12,858,549	12,987,134	13,117,006	13,248,176	13,380,658
53 Industrial	982,598	1,048,770	1,085,905	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519
54 Irrigation	2,093,757	2,299,074	2,805,886	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505
55 Frost Control	64,968	72,102	67,274	65,507	65,783	66,060	66,339	66,619	66,901	67,184	67,469	67,754	68,042
56 Street Lighting	126,761	124,222	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129
57 Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	1
58 Total Revenue from Retail Sales	\$29,102,332	\$33,214,811	\$34,194,179	\$35,836,407	\$36,201,795	\$36,570,835	\$36,943,564	\$37,320,020	\$37,700,238	\$38,084,257	\$38,472,115	\$38,863,850	\$39,259,502
<b>COPA REVENUES</b>													
59 Residential	\$0	\$86,380	\$695,136	\$781,365	\$1,494,113	\$1,749,093	\$2,266,525	\$2,540,131	\$3,093,402	\$3,464,651	\$4,290,517	\$4,610,271	\$5,256,901
60 General Service	0	50,465	490,110	546,135	1,041,344	1,215,637	1,570,895	1,755,713	2,132,357	2,381,901	2,941,907	3,152,937	3,585,933
61 Industrial	0	3,907	49,401	48,746	92,026	106,365	136,088	150,593	181,088	200,278	244,916	259,885	292,649
62 Irrigation	0	0	155,456	171,511	323,790	374,242	478,822	529,858	637,154	704,672	861,729	914,399	1,029,677
63 Frost Control	0	0	860	948	1,791	2,070	2,648	2,930	3,523	3,897	4,765	5,057	5,694
64 Street Lighting	0	270	3,263	3,600	6,797	7,856	10,051	11,122	13,375	14,792	18,089	19,194	21,614
65 Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Total COPA Revenues	\$0	\$141,021	\$1,394,225	\$1,552,304	\$2,959,861	\$3,455,262	\$4,465,029	\$4,990,348	\$6,060,900	\$6,770,190	\$8,361,923	\$8,961,743	\$10,192,469
67 Total Revenue for Retail Sales + COPA	\$29,102,332	\$33,355,832	\$35,588,404	\$37,388,711	\$39,161,656	\$40,026,097	\$41,408,593	\$42,310,368	\$43,761,138	\$44,854,447	\$46,834,038	\$47,825,593	\$49,451,971
68 Percent Change	-4.8%	14.6%	6.7%	5.1%	4.7%	2.2%	3.5%	2.2%	3.4%	2.5%	4.4%	2.1%	3.4%
<b>69 Unit Revenue at Existing Rates (cents/kWh)</b>													
70 Retail Rates	5.10	5.46	6.13	6.38	6.61	6.69	6.86	6.94	7.10	7.21	7.45	7.53	7.71

Note:  
 (1) Source: Revenue Stats 2005 - 12312012 (Operating Data 6c) Feb 2013.xls

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 Okanogan County PUD  
 2013 Equity Management Plan  
 Table 3 - Income Statement - Accrual Basis  
 (\$000)

**Option 1 - Two Rate Increases**

**Scenario: Option 1**

Line	Historical (1)			Budget												
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
1	Operating Revenue															
2	Retail Rate Revenues at Existing Rates			\$29,102	\$33,215	\$34,194	\$35,836	\$36,202	\$36,571	\$36,944	\$37,320	\$37,700	\$38,084	\$38,472	\$38,864	\$39,260
3	<u>Future Base Rate Increases</u>															
4	Year	% of Base Sales Revenue	Months Effective													
5	2013	16.0%	6	2,695	5,792	5,851	5,911	5,971	6,032	6,093	6,156	6,218	6,282			
6	2014	16.0%	6		3,158	6,788	6,857	6,927	6,997	7,068	7,140	7,213	7,287			
7	2015	0.0%	6			0	0	0	0	0	0	0	0			
8	2016	0.0%	6				0	0	0	0	0	0	0			
9	2017	0.0%	6					0	0	0	0	0	0			
10	2018	0.0%	6						0	0	0	0	0			
11	2019	0.0%	6							0	0	0	0			
12	2020	0.0%	6								0	0	0			
13	2021	0.0%	6									0	0			
14	2022	0.0%	6										0			
15	Sales for Resale Revenue			\$5,802	\$6,742	\$3,532	\$2,641	\$2,577	\$2,509	\$2,437	\$3,133	\$3,065	\$2,993	\$2,917	\$2,837	\$2,753
16	COPA Revenues			0	141	1,394	1,552	2,960	3,455	4,465	4,990	6,061	6,770	8,362	8,962	10,192
17	Other Revenues			992	924	830	727	738	749	760	771	783	795	807	819	831
18	Total Operating Revenues			\$35,896	\$41,021	\$39,950	\$43,451	\$51,427	\$55,923	\$57,374	\$59,112	\$60,638	\$61,804	\$63,854	\$64,913	\$66,605
19	Operating Expenses															
20	Production			\$85	\$113	\$83	\$108	\$111	\$113	\$115	\$118	\$121	\$124	\$127	\$130	\$133
21	Purchased Power			23,896	24,061	22,284	23,837	25,244	25,740	26,749	28,417	29,509	30,240	31,854	32,476	33,730
22	Other Power Supply			521	687	832	1,086	1,110	1,134	1,159	1,184	1,210	1,237	1,264	1,292	1,320
23	Transmission			82	34	40	52	53	54	55	56	57	58	59	60	61
24	Distribution			5,381	4,721	5,427	7,088	7,244	7,403	7,566	7,732	7,902	8,076	8,254	8,436	8,622
25	Consumer Accounting			1,285	1,344	1,348	1,761	1,800	1,840	1,880	1,921	1,963	2,006	2,050	2,095	2,141
26	Customer Service & Information			677	509	747	976	997	1,019	1,041	1,064	1,087	1,111	1,135	1,160	1,186
27	Admin. & General			3,728	3,864	4,094	5,348	5,465	5,585	5,708	5,834	5,962	6,093	6,227	6,364	6,504
28	Tax Expense			1,829	2,127	2,210	2,360	2,464	2,518	2,605	2,662	2,753	2,822	2,946	3,009	3,111
29	Depreciation/Amortization			3,067	3,756	3,866	3,812	4,002	4,436	4,793	5,925	6,207	6,406	6,652	6,805	6,916
30	Total Cost of Electric Service			\$40,552	\$41,215	\$40,931	\$46,427	\$48,490	\$49,841	\$51,671	\$54,913	\$56,771	\$58,173	\$60,568	\$61,827	\$63,724
31	Net Operating Revenues			(\$4,656)	(\$194)	(\$981)	(\$2,976)	\$2,938	\$6,081	\$5,703	\$4,199	\$3,867	\$3,631	\$3,286	\$3,086	\$2,881
32	Other Income			401	564	1,323	991	979	975	975	975	975	975	975	975	975
33	Interest Expense			(932)	(1,970)	(1,302)	(1,875)	(3,235)	(3,161)	(4,330)	(4,251)	(4,134)	(4,002)	(3,865)	(3,720)	(3,557)
34	Debt Issuance Expense and Discount			(60)	(95)	(85)	(85)	(85)	(85)	(85)	(85)	(85)	(85)	(85)	(80)	(35)
35	Other Deductions			(50)	(351)	0	0	0	0	0	0	0	0	0	0	0
36	Contributions in Aid of Construction (2)			996	975	992	1,104	1,260	1,323	1,389	1,459	1,532	1,608	1,689	1,773	1,862
37	Use of Rate Stabilization Funds			1,400	0	0	1,500	0	0	0	0	0	0	0	0	0
38	Net Income (Loss)			(\$2,901)	(\$1,071)	(\$53)	(\$1,340)	\$1,857	\$5,134	\$3,653	\$2,297	\$2,155	\$2,128	\$2,000	\$2,034	\$2,126
39	Total Retail Energy Sales (MWh)			570,097	610,431	580,927	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170
40	Unit Revenue from Retail Sales (¢/kWh)			5.10	5.46	6.13	6.84	8.13	8.81	8.97	9.05	9.22	9.32	9.57	9.65	9.83
41	Increase over Previous Year			6.4%	7.0%	12.1%	11.6%	18.8%	8.4%	1.9%	0.9%	1.8%	1.1%	2.6%	0.9%	1.9%
42	Necessary Retail Rate Change					0.0%	16.0%	16.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
43	DSC Ratio			0.77	1.36	1.47	1.25	1.73	2.43	1.97	1.72	1.73	1.73	1.73	1.74	1.91
44	Operating TIER			(4.99)	(0.10)	(0.75)	(1.59)	0.91	1.92	1.32	0.99	0.94	0.91	0.85	0.83	0.81
45	Total TIER			(2.11)	0.46	0.96	0.29	1.57	2.62	1.84	1.54	1.52	1.53	1.52	1.55	1.60
46	Working Capital (Days of O&M)			74	95	43	9	202	98	121	91	77	59	57	64	75

Note:

- (1) Sources: 2010 - 2011 Financial and Statistical Reports, Draft 2012 Financial and Statistical Report
- (2) Sources: EMP 2011 CIAC.xlsx

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Okanogan County PUD  
2013 Equity Management Plan  
Table 4 - Pro-Forma Balance Sheet as of December 31  
(\$000)

**Option 1 - Two Rate Increases**

Scenario: Option 1

Line	Historical (1)			Projected										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
<b>ASSETS AND OTHER DEBITS</b>														
1	Total Utility Plant	\$137,519	\$141,269	\$146,711	\$157,340	\$171,903	\$190,927	\$217,931	\$225,532	\$231,464	\$238,195	\$242,549	\$245,725	\$248,632
2	Accum. Prov. for Deprec.	(52,369)	(53,648)	(56,805)	(59,627)	(62,639)	(66,085)	(69,888)	(74,823)	(80,040)	(85,456)	(91,118)	(96,933)	(102,859)
3	Net Utility Plant	\$85,150	\$87,621	\$89,906	\$97,713	\$109,264	\$124,842	\$148,043	\$150,709	\$151,424	\$152,739	\$151,431	\$148,792	\$145,773
4	Other Property & Investments													
5	Investments in Associated Companies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Electric Investment in Communications	2,150	1,979	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799
7	Total Other Property & Investments	\$2,150	\$1,979	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799
8	Current Assets													
9	Revenue Fund	\$2,832	\$3,763	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818
10	Working Funds	15	15	15	15	15	15	15	15	15	15	15	15	15
11	Temporary Cash Investments	4,773	6,004	2,582	(814)	22,762	10,327	13,708	10,421	8,843	6,506	6,525	7,762	9,915
12	Accrued Utility Revenues	2,321	1,996	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189
13	Other Current Assets	6,302	5,990	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835
14	Total Unrestricted Current Assets	\$16,243	\$17,768	\$13,440	\$10,043	\$33,620	\$21,185	\$24,565	\$21,278	\$19,700	\$17,363	\$17,382	\$18,620	\$20,772
15	Restricted Current Assets													
16	Bond Sinking Funds	\$567	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290
17	Customer Deposits	450	600	600	600	600	600	600	600	600	600	600	600	600
18	Compensated Absences	1,100	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
19	Debt Service Reserve Funds	0	0	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945
20	Bond Construction Funds	14,898	9,263	7,266	0	0	0	0	0	0	0	0	0	0
21	Other Special Funds (Rate Stab. Fund)	6,135	6,135	6,135	4,635	4,635	4,635	4,635	4,635	4,635	4,635	4,635	4,635	4,635
22	Total Restricted Current Assets	\$23,150	\$17,687	\$17,635	\$8,869	\$8,869	\$8,869	\$8,869	\$8,869	\$8,869	\$8,869	\$8,869	\$8,869	\$8,869
23	Deferred Debits													
24	Unamortized Debt Expense	\$415	\$389	\$370	\$351	\$333	\$314	\$295	\$276	\$257	\$238	\$220	\$201	\$182
25	Unamortized Loss on Reacquired Debt	845	770	695	620	545	470	395	321	246	171	96	25	0
26	Other Deferred Debits	2,987	2,222	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882
27	Total Assets & Other Debits	\$130,940	\$128,436	\$127,728	\$123,279	\$158,312	\$161,362	\$187,849	\$187,134	\$186,178	\$185,062	\$183,679	\$182,188	\$181,278
<b>EQUITIES AND LIABILITIES</b>														
28	Net Assets													
29	Restricted for Capital Construction	\$14,898	\$9,263	\$7,266	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	Restricted for Debt Service	0	0	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078
31	Restricted for Contingencies	6,135	6,135	6,250	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750
32	Appropriated Net Assets	4,000	4,000	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036
33	Unappropriated Net Assets	46,144	51,208	52,584	58,510	60,367	65,501	69,154	71,451	73,606	75,734	77,734	79,768	81,894
34	Contributions in Aid of Construction	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558
35	Total Net Assets	\$82,735	\$82,164	\$82,772	\$79,932	\$81,789	\$86,923	\$90,576	\$92,873	\$95,028	\$97,156	\$99,156	\$101,190	\$103,316
36	Non-Current Liabilities													
37	Long-Term Debt	\$39,595	\$38,040	\$36,440	\$34,425	\$67,550	\$65,394	\$87,391	\$84,289	\$81,054	\$77,680	\$74,164	\$71,137	\$71,137
38	Other Long Term Liabilities	363	357	347	338	329	320	311	302	293	283	274	265	256
39	Total Long-Term Liabilities	\$39,958	\$38,397	\$36,787	\$34,763	\$67,879	\$65,714	\$87,702	\$84,591	\$81,347	\$77,963	\$74,438	\$71,402	\$71,393
40	Current and Accrued Liabilities													
41	Warrants Outstanding	\$625	\$247	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188
42	Accounts Payable	3,344	3,126	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283
43	Taxes Accrued	822	944	969	969	969	969	969	969	969	969	969	969	969
44	Miscellaneous	78	85	86	86	86	86	86	86	86	86	86	86	86
45	Other Regulatory Liabilities	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Total Current and Accrued Liabilities	\$4,869	\$4,402	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527
47	Current Liab. Payable from Restricted Assets													
48	Current Portion of Long Term Debt	\$1,190	\$1,555	\$1,600	\$2,015	\$2,075	\$2,156	\$3,003	\$3,102	\$3,235	\$3,374	\$3,516	\$3,027	\$0
49	Interest on Long Term Debt	431	160	156	156	156	156	156	156	156	156	156	156	156
50	Compensated Absences	1,199	1,191	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350
51	Customer Deposits	558	568	535	535	535	535	535	535	535	535	535	535	535
52	Total Current Liab. Payable from Restricted Assets	\$3,378	\$3,474	\$3,642	\$4,057	\$4,117	\$4,198	\$5,045	\$5,144	\$5,277	\$5,416	\$5,558	\$5,069	\$2,042
53	Deferred Credits	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Total Equities and Liabilities	\$130,939	\$128,436	\$127,728	\$123,279	\$158,312	\$161,362	\$187,849	\$187,134	\$186,178	\$185,062	\$183,679	\$182,188	\$181,278
<b>FINANCIAL RATIOS</b>														
55	Equity to Total Assets	63.2%	64.0%	64.8%	64.8%	51.7%	53.9%	48.2%	49.6%	51.0%	52.5%	54.0%	55.5%	57.0%
56	Working Capital (Days of O&M)	74	95	43	9	202	98	121	91	77	59	57	64	75

Note:

(1) Sources: 2010 - 2011 Financial and Statistical Reports, Draft 2012 Financial and Statistical Report



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**Option 1 - Two Rate Increases**

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 5 - Statement of Operations - Cash Basis  
 (\$000)

Scenario: Option 1

Line	Projected									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1 Total Net Operating Revenues	(\$2,976)	\$2,938	\$6,081	\$5,703	\$4,199	\$3,867	\$3,631	\$3,286	\$3,086	\$2,881
2 Add: Depreciation	3,812	4,002	4,436	4,793	5,925	6,207	6,406	6,652	6,805	6,916
3 Add: Other Income	991	979	975	975	975	975	975	975	975	975
4 Add: Use of Rate Stabilization Fund	1,500	0	0	0	0	0	0	0	0	0
5 Cash from Operations	\$3,327	\$7,919	\$11,493	\$11,471	\$11,099	\$11,049	\$11,013	\$10,913	\$10,867	\$10,772
6 Debt Service - Long Term										
7 Existing - Interest	\$1,875	\$1,827	\$1,768	\$1,702	\$1,639	\$1,577	\$1,502	\$1,424	\$1,342	\$1,244
8 Existing - Principal	1,600	1,645	1,690	1,755	1,830	1,875	1,950	2,030	2,110	1,555
9 New - Interest	0	1,408	1,393	2,628	2,612	2,557	2,500	2,441	2,378	2,313
10 New - Principal	0	370	385	401	1,173	1,227	1,285	1,344	1,406	1,472
11 Total Debt Service	\$3,475	\$5,250	\$5,236	\$6,486	\$7,254	\$7,236	\$7,237	\$7,239	\$7,236	\$6,584
12 Cash Margins After Debt Service	(\$148)	\$2,669	\$6,257	\$4,985	\$3,845	\$3,813	\$3,776	\$3,674	\$3,631	\$4,188
13 Cash from Investing Activities										
14 Total Additions and Replacements	(10,515)	(14,292)	(18,692)	(26,605)	(7,132)	(5,391)	(6,113)	(3,655)	(2,393)	(2,036)
15 Cash from Financing Activities										
16 Proceeds from Long Term Debt	0	35,200	0	25,000	0	0	0	0	0	0
17 Proceeds from Bond Construction Funds	7,266	0	0	0	0	0	0	0	0	0
18 Cash from Investing and Financing Activities	(3,249)	20,908	(18,692)	(1,605)	(7,132)	(5,391)	(6,113)	(3,655)	(2,393)	(2,036)
19 Net Cash	(3,397)	23,577	(12,435)	3,380	(3,287)	(1,578)	(2,337)	19	1,238	2,152
FINANCIAL RATIOS										
20 Debt Service Coverage	1.25	1.73	2.43	1.97	1.72	1.73	1.73	1.73	1.74	1.91

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 6 - General Funds Summary  
 (\$000)

Scenario: Option 1

Line	Projected									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>SOURCES OF GENERAL FUNDS</b>										
1	\$19,904	\$7,741	\$31,318	\$18,883	\$22,263	\$18,976	\$17,399	\$15,061	\$15,080	\$16,318
2	(148)	2,669	6,257	4,985	3,845	3,813	3,776	3,674	3,631	4,188
3	0	35,200	0	25,000	0	0	0	0	0	0
4	(1,500)	0	0	0	0	0	0	0	0	0
5	\$18,256	\$45,610	\$37,575	\$48,868	\$26,108	\$22,789	\$21,174	\$18,736	\$18,711	\$20,506
<b>USES OF GENERAL FUNDS</b>										
6	7,266	35,200	0	25,000	0	0	0	0	0	0
7	3,249	(20,908)	18,692	1,605	7,132	5,391	6,113	3,655	2,393	2,036
8	0	0	0	0	0	0	0	0	0	0
9	\$10,515	\$14,292	\$18,692	\$26,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
10	\$7,741	\$31,318	\$18,883	\$22,263	\$18,976	\$17,399	\$15,061	\$15,080	\$16,318	\$18,470

Notes

	2012
(1) Components of general funds as of December 31 were:	
Sinking Funds	\$290
Rate Stabilization Fund	6,135
Employee Compensated Absences Fund	1,400
Customer Deposit Fund	600
Revenue Fund Less Warrants Outstanding	1,631
Temporary Cash Investments	2,582
Bond Construction Funds	7,266
Total	\$19,904

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Okanogan County PUD

2013 Equity Management Plan

Table 7 - Plant Investment and Depreciation Expense  
(\$000)

**Option 1 - Two Rate Increases**

Scenario: Option 1

Line	Projected									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
UTILITY PLANT										
1	\$146,711	\$157,340	\$171,903	\$190,927	\$217,931	\$225,532	\$231,464	\$238,195	\$242,549	\$245,725
2	Additions and Replacements - CIP Inflation Adjusted									
3	Funded with Bonds									
4	3,049	1,671	11,262	21,819	0	0	0	0	0	0
5	Funded with Revenue and/or Reserves									
6	2,916	2,157	2,322	2,100	2,224	2,325	3,249	3,392	3,649	3,729
7	2,500	6,789	0	0	0	0	0	0	0	0
8	500	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	342	2,795	0	0	0
10	0	0	0	0	0	0	0	1,428	0	0
11	0	2,298	1,494	0	0	0	0	0	0	0
12	0	0	0	0	3,679	0	0	0	0	0
13	0	0	0	818	0	0	0	0	0	0
14	0	313	2,135	0	0	0	0	0	0	0
15	0	0	0	1,636	0	0	0	0	0	0
16	0	0	0	0	0	855	0	0	0	0
17	2,020	574	438	0	736	1,709	70	0	243	0
18	0	0	801	0	0	0	873	0	0	0
19	0	63	64	65	67	68	70	71	73	75
20	634	710	619	382	764	530	419	274	201	93
21	0	977	881	1,173	1,121	1,094	245	179	0	0
22	0	0	0	0	0	0	0	0	0	0
23	\$11,619	\$15,552	\$20,015	\$27,994	\$8,591	\$6,922	\$7,721	\$5,344	\$4,166	\$3,897
24	990	990	990	990	990	990	990	990	990	990
25	\$157,340	\$171,903	\$190,927	\$217,931	\$225,532	\$231,464	\$238,195	\$242,549	\$245,725	\$248,632
26	Net Additions and Replacements									
27	\$6,070	\$6,779	\$6,618	\$6,175	\$4,911	\$6,580	\$4,926	\$5,344	\$4,166	\$3,897
28	5,549	8,774	13,397	21,819	3,679	342	2,795	-	-	-
29	\$11,619	\$15,552	\$20,015	\$27,994	\$8,591	\$6,922	\$7,721	\$5,344	\$4,166	\$3,897

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**Option 1 - Two Rate Increases**

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 7 - Plant Investment and Depreciation Expense  
 (\$000)

Scenario: Option 1

Line		Projected									
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
DEPRECIATION EXPENSE											
30	Funded with Bonds										
31	Enloe Dam License/Construction	2.50%	0	0	0	0	945	945	945	945	945
32	Funded with Revenue and/or Reserves										
33	Normal Replacements & Additions	3.00%	0	87	152	222	285	352	421	519	621
34	PT Transmission Line	3.00%	0	0	279	279	279	279	279	279	279
35	Gold Creek Substation Construction	3.00%	0	15	15	15	15	15	15	15	15
36	Aeneas to Tonasket 115kV Transmission Line Construction	3.00%	0	0	0	0	0	0	94	94	94
37	Aeneas Valley Substation	3.00%	0	0	0	0	0	0	0	43	43
38	Tonasket Substation Addition	3.00%	0	0	0	114	114	114	114	114	114
39	Okanogan to Brewster 115kV Transmission Line Replacement	3.00%	0	0	0	0	110	110	110	110	110
40	Sandflat Substation Addition	3.00%	0	0	0	25	25	25	25	25	25
41	Ophir to Monse 115kV Transmission Line	3.00%	0	0	0	73	73	73	73	73	73
42	Monse Substation Construction	3.00%	0	0	0	49	49	49	49	49	49
43	Loup Loup Substation Addition / MOS and Power Transformer	3.00%	0	0	0	0	0	26	26	26	26
44	Facilities	2.50%	0	51	65	76	76	94	137	139	145
45	Mobile Substation and Power Transformer Replacements	3.00%	0	0	0	24	24	24	50	50	50
46	SCADA	3.00%	0	0	2	4	6	8	10	12	14
47	Vehicle Replacements and New	10.00%	0	63	134	196	235	311	364	406	433
48	Distribution Projects (District) (No projects planned after 2020 at this time)	3.00%	0	0	29	56	91	125	157	165	170
49	Existing Plant	2.62%	3,812	3,786	3,760	3,734	3,708	3,683	3,657	3,631	3,605
50	Total Depreciation Expense		\$3,812	\$4,002	\$4,436	\$4,793	\$5,925	\$6,207	\$6,406	\$6,652	\$6,805
51	Less Depreciation in Other Accounts		0	0	0	0	0	0	0	0	0
52	Net Depreciation Expense		\$3,812	\$4,002	\$4,436	\$4,793	\$5,925	\$6,207	\$6,406	\$6,652	\$6,805
53	2012 ESTIMATED DEPRECIATION RATE ON EXISTING PLANT										
54	Total Utility Plant in Service (EOY)	146,711									
55	Depreciation Expense	3,838									
56	Estimated Average Depreciation Rate	2.62%									
57	ESTIMATED PLANT IN SERVICE - EXISTING PLANT										
58	Total Existing Plant in Service (BOY)	146,711	145,721	144,731	143,741	142,751	141,761	140,771	139,781	138,791	137,801
59	Retirements	990	990	990	990	990	990	990	990	990	990
60	Total Existing Plant in Service (EOY)	145,721	144,731	143,741	142,751	141,761	140,771	139,781	138,791	137,801	136,811
61	Estimated Depreciation Expense on Existing Plant	3,812	3,786	3,760	3,734	3,708	3,683	3,657	3,631	3,605	3,579

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 Okanogan County PUD  
 2013 Equity Management Plan  
 Table 8 - Long-Term Debt and Debt Service  
 (\$000)

**Option 1 - Two Rate Increases**

**Scenario: Option 1**

		Projected									
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>EXISTING LONG TERM DEBT</b>											
1	Balance (Beg Yr)	\$38,040	\$36,440	\$34,795	\$33,105	\$31,350	\$29,520	\$27,645	\$25,695	\$23,665	\$21,555
2	Principal Repayments	1,600	1,645	1,690	1,755	1,830	1,875	1,950	2,030	2,110	1,555
3	Balance (End Yr)	\$36,440	\$34,795	\$33,105	\$31,350	\$29,520	\$27,645	\$25,695	\$23,665	\$21,555	\$20,000
<b>EXISTING DEBT INTEREST AND PRINCIPAL PAYMENTS</b>											
4	Interest										
5	2003 Bonds	\$321	\$293	\$261	\$228	\$192	\$158	\$130	\$101	\$70	\$36
6	2010 Bonds	1,554	1,534	1,507	1,475	1,447	1,419	1,372	1,323	1,272	1,208
7	Total Interest	\$1,875	\$1,827	\$1,768	\$1,702	\$1,639	\$1,577	\$1,502	\$1,424	\$1,342	\$1,244
8	Principal										
9	2003 Bonds	\$555	\$580	\$615	\$650	\$685	\$700	\$730	\$760	\$790	\$825
10	2010 Bonds	1,045	1,065	1,075	1,105	1,145	1,175	1,220	1,270	1,320	730
11	Total Principal	\$1,600	\$1,645	\$1,690	\$1,755	\$1,830	\$1,875	\$1,950	\$2,030	\$2,110	\$1,555
<b>FUNDING REQUIREMENTS</b>											
12	Capital Funding Requirements (1)	\$10,515	\$14,292	\$18,692	\$26,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
13	Refinancing Requirements	0	0	0	0	0	0	0	0	0	0
14	Total Funding Requirements	\$10,515	\$14,292	\$18,692	\$26,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
15	Loan Funds Advanced	0	35,200	0	25,000	0	0	0	0	0	0
16	Use of Unspent Bond Proceeds	7,266	0	0	0	0	0	0	0	0	0
17	General Funds Invested	\$3,249	(\$20,908)	\$18,692	\$1,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
<b>NEW LONG TERM DEBT</b>											
18	New Long Term Debt										
19	BOY Balance	\$0	\$0	\$34,830	\$34,445	\$59,044	\$57,871	\$56,644	\$55,359	\$54,015	\$52,609
20	Loan Funds Advanced	0	35,200	0	25,000	0	0	0	0	0	0
21	Interest Expense	0	1,408	1,393	2,628	2,612	2,557	2,500	2,441	2,378	2,313
22	Principal Payments	0	370	385	401	1,173	1,227	1,285	1,344	1,406	1,472
23	Total Debt Service	\$0	\$1,778	\$1,778	\$3,029	\$3,785	\$3,784	\$3,785	\$3,785	\$3,784	\$3,785
24	EOY Balance	\$0	\$34,830	\$34,445	\$59,044	\$57,871	\$56,644	\$55,359	\$54,015	\$52,609	\$51,137
<b>TOTAL LONG TERM DEBT SERVICE</b>											
25	Interest										
26	Existing Debt	\$1,875	\$1,827	\$1,768	\$1,702	\$1,639	\$1,577	\$1,502	\$1,424	\$1,342	\$1,244
27	New Long Term Debt	0	1,408	1,393	2,628	2,612	2,557	2,500	2,441	2,378	2,313
28	Total Interest	\$1,875	\$3,235	\$3,161	\$4,330	\$4,251	\$4,134	\$4,002	\$3,865	\$3,720	\$3,557
29	Principal										
30	Existing Debt	\$1,600	\$1,645	\$1,690	\$1,755	\$1,830	\$1,875	\$1,950	\$2,030	\$2,110	\$1,555
31	New Long Term Debt	0	370	385	401	1,173	1,227	1,285	1,344	1,406	1,472
32	Total Principal	\$1,600	\$2,015	\$2,075	\$2,156	\$3,003	\$3,102	\$3,235	\$3,374	\$3,516	\$3,027
33	Total Debt Service	\$3,475	\$5,250	\$5,236	\$6,486	\$7,254	\$7,236	\$7,237	\$7,239	\$7,236	\$6,584
34	Less Portion Allocated to Telecom	0	0	0	0	0	0	0	0	0	0
35	Total Electric System Debt Service	\$3,475	\$5,250	\$5,236	\$6,486	\$7,254	\$7,236	\$7,237	\$7,239	\$7,236	\$6,584
<b>TOTAL LONG TERM DEBT</b>											
34	Balance (Beg Yr)	\$38,040	\$36,440	\$69,625	\$67,550	\$90,394	\$87,391	\$84,289	\$81,054	\$77,680	\$74,164
35	Loan Funds Advanced	-	35,200	-	25,000	-	-	-	-	-	-
36	Less Principal Repayments	1,600	2,015	2,075	2,156	3,003	3,102	3,235	3,374	3,516	3,027
37	Balance (End Yr)	\$36,440	\$69,625	\$67,550	\$90,394	\$87,391	\$84,289	\$81,054	\$77,680	\$74,164	\$71,137
<b>35 Current Portion of Long Term Debt - EOY</b>											
36	Existing Debt	\$1,645	\$1,690	\$1,755	\$1,830	\$1,875	\$1,950	\$2,030	\$2,110	\$1,555	\$0
37	New Long Term Debt	370	385	401	1,173	1,227	1,285	1,344	1,406	1,472	0
38	Total Current Portion	\$2,015	\$2,075	\$2,156	\$3,003	\$3,102	\$3,235	\$3,374	\$3,516	\$3,027	\$0

Notes

(1) Includes CIAC

**DRAFT**

**Option 1 - Two Rate Increases**

Okanogan County PUD  
2013 Equity Management Plan  
Table 9 - Energy Resources and Cost of Power

Scenario: Option 1

	Projected										Avg. Annual Increase 2013 - 2022	
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>POWER SUPPLY (MWh)</b>												
1	Purchased Power											
2												0.0%
3	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	0.0%
4	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	0.0%
5	629	629	629	629	629	629	629	629	629	629	629	0.0%
6	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	0.0%
7	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	0.0%
8	0	0	0	0	0	0	0	0	0	0	0	n/a
9	0	0	0	0	0	0	0	0	0	0	0	n/a
9	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	0.0%
10	New Resources											
11	0	0	0	0	44,963	44,963	44,963	44,963	44,963	44,963	44,964	n/a
12	0	0	0	0	44,963	44,963	44,963	44,963	44,963	44,963	44,964	n/a
13	0	0	0	0	0	0	0	0	0	0	0	n/a
14	797,402	797,402	797,402	797,402	842,365	842,365	842,365	842,365	842,365	842,365	842,366	0.6%
<b>POWER REQUIREMENTS (MWh)</b>												
15	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170		1.0%
16	163,437	157,097	150,694	144,227	182,659	176,062	169,398	162,669	155,872	149,008		-1.0%
17	0	0	0	0	0	0	0	0	0	0	0	n/a
18	47,718	48,195	48,677	49,164	49,655	50,152	50,653	51,160	51,672	52,188		1.0%
19	797,402	797,402	797,402	797,402	842,365	842,365	842,365	842,365	842,365	842,366	842,366	0.6%
<b>LOSSES (MWh)</b>												
20	As a Percent of Requirements	6.0%	6.0%	6.1%	6.2%	5.9%	6.0%	6.0%	6.1%	6.1%	6.2%	
<b>POWER COSTS (\$000)</b>												
21	Purchased Power											
22	\$6,363	\$6,789	\$6,904	\$7,197	\$7,319	\$7,629	\$7,758	\$8,086	\$8,223	\$8,572		3.4%
23	8,365	8,935	9,065	9,455	9,593	10,006	10,305	11,200	11,364	11,856		4.0%
24	2,139	2,341	2,376	2,481	2,518	2,630	2,669	2,788	2,830	2,955		3.7%
25	4,143	4,267	4,395	4,527	4,663	4,803	4,947	5,095	5,248	5,405		3.0%
26	2,827	2,912	3,000	3,090	3,182	3,278	3,376	3,477	3,582	3,689		3.0%
27	0	0	0	0	0	0	0	0	0	0	0	n/a
28	0	0	0	0	0	0	0	0	0	0	0	n/a
29	\$23,837	\$25,244	\$25,740	\$26,749	\$27,275	\$28,345	\$29,054	\$30,646	\$31,246	\$32,477		3.5%
30	New Resources											
31	\$0	\$0	\$0	\$0	\$1,143	\$1,164	\$1,186	\$1,208	\$1,231	\$1,254		
32	\$0	\$0	\$0	\$0	\$1,143	\$1,164	\$1,186	\$1,208	\$1,231	\$1,254		
33	\$23,837	\$25,244	\$25,740	\$26,749	\$28,417	\$29,509	\$30,240	\$31,854	\$32,476	\$33,730		
<b>UNIT POWER COSTS (cents/kWh)</b>												
35	3.04	3.24	3.30	3.44	3.49	3.64	3.70	3.86	3.93	4.09		3.4%
36	2.92	3.12	3.17	3.30	3.35	3.50	3.60	3.91	3.97	4.14		4.0%
37	340.02	372.12	377.71	394.45	400.37	418.12	424.39	443.21	449.85	469.80		3.7%
38	1.60	1.65	1.70	1.75	1.80	1.85	1.91	1.97	2.03	2.09		3.0%
39	6.71	6.91	7.12	7.33	7.55	7.78	8.01	8.25	8.50	8.75		3.0%
40	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
41	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
42	n/a	n/a	n/a	n/a	2.54	2.59	2.64	2.69	2.74	2.79		n/a
43	2.99	3.17	3.23	3.35	3.37	3.50	3.59	3.78	3.86	4.00		3.3%

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 Okanogan County PUD  
 2013 Equity Management Plan  
 Table 10 - Projected COPA Revenues

**Option 1 - Two Rate Increases**

Scenario: Option 1

Line	Actual		Projected									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
SALES (MWh)												
1 Residential	324,538	289,640	295,092	298,892	302,730	306,606	310,521	314,476	318,469	322,503	326,577	330,692
2 General Service	202,557	204,212	206,255	208,317	210,400	212,504	214,629	216,776	218,943	221,133	223,344	225,578
3 Industrial	21,141	20,584	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409
4 Irrigation	60,318	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773
5 Frost Control	517	358	358	358	358	358	358	358	358	358	358	358
6 Street Lighting	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360
7 Total Retail Sales	610,431	580,927	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170
8												
POWER SUPPLY COSTS (\$000)												
9 Purchased Power	\$24,061	\$22,284	\$23,837	\$25,244	\$25,740	\$26,749	\$28,417	\$29,509	\$30,240	\$31,854	\$32,476	\$33,730
11 Less Enloe Dam	-	-	-	-	-	-	1,143	1,164	1,186	1,208	1,231	1,254
12 Net Purchased Power Costs	\$24,061	\$22,284	\$23,837	\$25,244	\$25,740	\$26,749	\$27,275	\$28,345	\$29,054	\$30,646	\$31,246	\$32,477
13												
14 Additional COPA Revenue (\$000)		n/a	\$1,552	\$2,960	\$3,455	\$4,465	\$4,990	\$6,061	\$6,770	\$8,362	\$8,962	\$10,192
15												
16 COPA Charge (\$/kWh)	n/a	n/a	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590





# Okanogan County PUD Preliminary Draft 2013 Equity Management Plan Update



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**Option 2 - Three 9.5% Rate Increases**

Okanogan County PUD  
2013 Equity Management Plan  
Table 1 - Summary of Results and Assumptions

**Scenario: Option 2**

Line	Historical			Projected										Avg. Annual Rate Change 2012 - 2022	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>Line SUMMARY OF RESULTS</b>															
1	Unit Revenue from Retail Sales (¢/kWh)	5.10	5.46	6.13	6.65	7.49	8.24	8.86	9.13	9.38	9.49	9.73	9.82	9.99	
2	Increase over Previous Year	6.4%	7.0%	12.1%	8.6%	12.7%	9.9%	7.6%	3.0%	2.8%	1.1%	2.6%	0.9%	1.8%	5.0%
3	Necessary Retail Rate Change (Effective July 1)	0.0%	0.0%	0.0%	9.5%	9.5%	9.5%	2.5%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
4	Equity to Total Assets	63.2%	64.0%	64.8%	64.5%	50.1%	51.4%	44.3%	45.9%	47.6%	49.3%	51.0%	52.9%	54.6%	
5	Cash (Year End) (\$000)	\$7,619	\$9,782	\$4,416	\$1,024	\$22,059	\$6,072	\$13,106	\$9,841	\$8,881	\$7,174	\$7,834	\$9,722	\$12,537	
6	Days of Working Capital on Hand	74	95	43	9	181	49	102	73	64	51	53	64	81	
7	Debt Service Coverage Ratio (DSCR)	0.77	1.36	1.47	1.25	1.25	1.75	1.73	1.68	1.77	1.78	1.77	1.78	1.96	
8	Operating TIER	(4.99)	(0.10)	(0.75)	(2.17)	(0.25)	0.85	1.11	1.04	1.12	1.10	1.06	1.05	1.05	
9	Total TIER	(2.11)	0.46	0.96	0.29	0.79	1.50	1.50	1.55	1.67	1.69	1.69	1.73	1.79	
<b>Line ASSUMPTIONS</b>															
10	General Inflation (1)	2.20%													
11	Inflation for Other Operating Revenues (2)	1.50%													
12	Customer Service Inflation (2)	2.20%													
13	Power Supply and Costs - Scenario Selection	Base Case													
14	Borrowing Assumptions - Enloe Dam														
15	Interest Rate - Co Bank	4.0%													
16	Term (Years)	40													
17	Borrowing Assumptions - Non-Enloe Dam														
18	Interest Rate	5.0%													
19	Term (Years)	20													
20	2013 Effective Energy/Demand Rates (\$/kWh)														
21	Residential	0.05849													
22	General Service	0.05764													
23	Industrial	0.05447													
24	Irrigation	0.04611													
25	Frost Control	0.02874													
26	Street Lighting	0.09718													

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Option 2 - Three 9.5% Rate Increases

Okanogan County PUD  
2013 Equity Management Plan  
Table 1 - Summary of Results and Assumptions

Scenario: Option 2

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
27 Capital Improvements (\$000) - 2012\$ (3)											
28 Funded with Bonds											
29 Enloe Dam License/Construction	3,049	1,600	10,550	20,000	0	0	0	0	0	0	35,199
30 Funded with Revenue and/or Reserves											
31 Normal Replacements & Additions	2,916	2,065	2,175	1,925	1,995	2,040	2,790	2,850	3,000	3,000	24,756
32 PT Transmission Line	2,500	6,500	0	0	0	0	0	0	0	0	9,000
33 Gold Creek Substation Construction	500	0	0	0	0	0	0	0	0	0	500
34 Aeneas to Tonasket 115kV Transmission Line Construction	0	0	0	0	0	300	2,400	0	0	0	2,700
35 Aeneas Valley Substation	0	0	0	0	0	0	0	1,200	0	0	1,200
36 Tonasket Substation Addition	0	2,200	1,400	0	0	0	0	0	0	0	3,600
37 Okanogan to Brewster 115kV Transmission Line Replacement	0	0	0	0	3,300	0	0	0	0	0	3,300
38 Sandflat Substation Addition	0	0	0	750	0	0	0	0	0	0	750
39 Ophir to Monse 115kV Transmission Line	0	300	2,000	0	0	0	0	0	0	0	2,300
40 Monse Substation Construction	0	0	0	1,500	0	0	0	0	0	0	1,500
41 Loup Loup Substation Addition / MOS and Power Transformer	0	0	0	0	0	750	0	0	0	0	750
42 Facilities	2,020	550	410	0	660	1,500	60	0	200	0	5,400
43 Mobile Substation and Power Transformer Replacements	0	0	750	0	0	0	750	0	0	0	1,500
44 SCADA	0	60	60	60	60	60	60	60	60	60	540
45 Vehicle Replacements and New	634	680	580	350	685	465	360	230	165	75	4,224
46 Distribution Projects (No projects planned after 2020 at this time)	0	935	825	1,075	1,005	960	210	150	0	0	5,160
47 Other Capital Additions											0
48 Total	\$11,619	\$14,890	\$18,750	\$25,660	\$7,705	\$6,075	\$6,630	\$4,490	\$3,425	\$3,135	\$102,379
49 Check											
50 Target DSCR	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
51 Target Operating TIER	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
52 Target Total TIER	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
53 Target Working Capital (Days of O&M)	60	60	60	60	60	60	60	60	60	60	60

Notes:

- (1) Sources: Projected long term growth rate of GDP Price Index per October 2012 Blue Chip Economic Indicator report.
- (2) Per OKPUD staff, email on 7/17/12
- (3) The 2013 CIP budget is in 2013 dollars. 2013 Budget Source: Capital Outlay 2012 and 2013 Rev.xlsx, 2014-2022 Source: EMP Estimate.xlsx.

**Scenario: Option 2**

Line	Historical (1)			Projected									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
SALES (MWh)													
1 Residential	289,163	324,538	289,640	295,092	298,892	302,730	306,606	310,521	314,476	318,469	322,503	326,577	330,692
2 General Service	197,733	202,557	204,212	206,255	208,317	210,400	212,504	214,629	216,776	218,943	221,133	223,344	225,578
3 Industrial	21,602	21,141	20,584	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409
4 Irrigation	59,820	60,318	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773
5 Frost Control	438	517	358	358	358	358	358	358	358	358	358	358	358
6 Street Lighting	1,340	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360
7 Total Retail Sales	570,097	610,431	580,927	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170
8 Sales for Resale	213,866	357,255	267,366	163,437	157,097	150,694	144,227	182,659	176,062	169,398	162,669	155,872	149,008
9 Adjustment	0	0	0	-	-	-	-	-	-	-	-	-	-
10 Total Energy Sales	783,963	967,686	848,293	749,684	749,207	748,725	748,238	792,710	792,213	791,712	791,205	790,694	790,178
CUSTOMER ACCOUNTS													
11 Residential	16,857	16,840	16,937	17,106	17,277	17,450	17,625	17,801	17,979	18,159	18,340	18,524	18,709
12 General Service	2,378	2,367	2,377	2,401	2,425	2,449	2,474	2,498	2,523	2,548	2,574	2,600	2,626
13 Industrial	4	4	4	3	3	3	3	3	3	3	3	3	3
14 Irrigation	1,207	1,198	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
15 Frost Control	134	136	140	140	140	140	140	140	140	140	140	140	140
16 Street Lighting	21	21	21	21	21	21	21	21	21	21	21	21	21
17 Total Customer Accounts	20,601	20,566	20,679	20,871	21,066	21,263	21,462	21,663	21,866	22,071	22,278	22,487	22,699
CUSTOMER HP RATING (IRR./FROST CONTROL)													
18 Irrigation													
19 0 - 74.9 HP	17,177	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
20 75+ HP	27,190	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
21 Total HP	44,367	45,761	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
22 Frost Control	10,433	12,096	12,208	12,269	12,331	12,392	12,454	12,517	12,579	12,642	12,705	12,769	12,833
MONTHLY USAGE PER CUSTOMER ACCOUNT (kWh)													
23 Residential	1,429	1,606	1,425	1,438	1,442	1,446	1,450	1,454	1,458	1,462	1,465	1,469	1,473
24 General Service	6,929	7,131	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159	7,159
25 Industrial	450,046	440,438	428,827	511,374	511,374	511,374	511,374	511,374	511,374	511,374	511,374	511,374	511,374
26 Irrigation	4,130	4,196	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498	4,498
27 Frost Control	272	317	213	213	213	213	213	213	213	213	213	213	213
28 Street Lighting	5,318	5,397	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396	5,396
EXISTING RATES - CUSTOMER CHARGE (\$/customer/month)													
29 Residential	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
30 General Service	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
31 Industrial	417.50	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
32 Irrigation	0.00	0.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
33 Frost Control	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34 Street Lighting	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Scenario: Option 2**

Line	Historical (1)			Projected									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>EXISTING RATES - AVERAGE ENERGY AND DEMAND RATE (\$/kWh)</b>													
35 Residential	\$0.04475	\$0.04925	\$0.05571	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849	\$0.05849
36 General Service	0.05325	0.05592	0.05677	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764	0.05764
37 Industrial	0.04456	0.04944	0.05258	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447	0.05447
38 Irrigation	0.02870	0.02749	0.04065	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611	0.04611
39 Frost Control	0.05960	0.04295	0.03870	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874	0.02874
40 Street Lighting	0.09459	0.09134	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718	0.09718
<b>EXISTING RATES - COPA (\$/kWh)</b>													
41 Residential	n/a	\$0.00240	\$0.00240	\$0.002648	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
42 General Service	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
43 Industrial	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
44 Irrigation	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
45 Frost Control	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
46 Street Lighting	n/a	\$0.00240	\$0.00240	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590
<b>EXISTING RATES - FACILITIES CHARGE (\$/HP) -- IRR. AND FROST CONTROL</b>													
47 Irrigation													
48 0 - 74.9 HP	\$10.85	\$14.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
49 75+ HP	7.00	14.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
50 Frost Control	3.73	4.13	4.38	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
<b>RETAIL REVENUES AT EXISTING RATES - EXCLUDES COPA</b>													
51 Residential	\$14,961,740	\$18,003,321	\$18,167,523	\$19,311,279	\$19,554,046	\$19,799,241	\$20,046,887	\$20,297,010	\$20,549,634	\$20,804,785	\$21,062,487	\$21,322,766	\$21,585,648
52 General Service	10,872,507	11,667,321	11,935,462	12,234,468	12,356,813	12,480,381	12,605,185	12,731,237	12,858,549	12,987,134	13,117,006	13,248,176	13,380,658
53 Industrial	982,598	1,048,770	1,085,905	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519	1,005,519
54 Irrigation	2,093,757	2,299,074	2,805,886	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505	3,087,505
55 Frost Control	64,968	72,102	67,274	65,507	65,783	66,060	66,339	66,619	66,901	67,184	67,469	67,754	68,042
56 Street Lighting	126,761	124,222	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129	132,129
57 Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	1
58 Total Revenue from Retail Sales	\$29,102,332	\$33,214,811	\$34,194,179	\$35,836,407	\$36,201,795	\$36,570,835	\$36,943,564	\$37,320,020	\$37,700,238	\$38,084,257	\$38,472,115	\$38,863,850	\$39,259,502
<b>COPA REVENUES</b>													
59 Residential	\$0	\$86,380	\$695,136	\$781,365	\$1,494,113	\$1,749,093	\$2,266,525	\$2,540,131	\$3,093,402	\$3,464,651	\$4,290,517	\$4,610,271	\$5,256,901
60 General Service	0	50,465	490,110	546,135	1,041,344	1,215,637	1,570,895	1,755,713	2,132,357	2,381,901	2,941,907	3,152,937	3,585,933
61 Industrial	0	3,907	49,401	48,746	92,026	106,365	136,088	150,593	181,088	200,278	244,916	259,885	292,649
62 Irrigation	0	0	155,456	171,511	323,790	374,242	478,822	529,858	637,154	704,672	861,729	914,399	1,029,677
63 Frost Control	0	0	860	948	1,791	2,070	2,648	2,930	3,523	3,897	4,765	5,057	5,694
64 Street Lighting	0	270	3,263	3,600	6,797	7,856	10,051	11,122	13,375	14,792	18,089	19,194	21,614
65 Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
66 Total COPA Revenues	\$0	\$141,021	\$1,394,225	\$1,552,304	\$2,959,861	\$3,455,262	\$4,465,029	\$4,990,348	\$6,060,900	\$6,770,190	\$8,361,923	\$8,961,743	\$10,192,469
67 Total Revenue for Retail Sales + COPA	\$29,102,332	\$33,355,832	\$35,588,404	\$37,388,711	\$39,161,656	\$40,026,097	\$41,408,593	\$42,310,368	\$43,761,138	\$44,854,447	\$46,834,038	\$47,825,593	\$49,451,971
68 Percent Change	-4.8%	14.6%	6.7%	5.1%	4.7%	2.2%	3.5%	2.2%	3.4%	2.5%	4.4%	2.1%	3.4%
<b>Unit Revenue at Existing Rates (cents/kWh)</b>													
70 Retail Rates	5.10	5.46	6.13	6.38	6.61	6.69	6.86	6.94	7.10	7.21	7.45	7.53	7.71

Note:  
 (1) Source: Revenue Stats 2005 - 12312012 (Operating Data 6c) Feb 2013.xls

**DRAFT**  
 Okanogan County PUD  
 2013 Equity Management Plan  
 Table 3 - Income Statement - Accrual Basis  
 (\$000)

**Option 2 - Three 9.5% Rate Increases**

**Scenario: Option 2**

Line	Historical (1)			Budget										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
1	Operating Revenue													
2	Retail Rate Revenues at Existing Rates	\$29,102	\$33,215	\$34,194	\$35,836	\$36,202	\$36,571	\$36,944	\$37,320	\$37,700	\$38,084	\$38,472	\$38,864	\$39,260
3	<u>Future Base Rate Increases</u>													
4		<u>% of Base</u>												
5	<u>Year</u>	<u>Sales Revenue</u>		<u>Months</u>										
6		<u>Effective</u>												
7	2013	9.5%	6	1,600	3,439	3,474	3,510	3,545	3,582	3,618	3,655	3,692	3,730	
8	2014	9.5%	6		1,770	3,804	3,843	3,882	3,922	3,962	4,002	4,043	4,084	
9	2015	9.5%	6			1,958	4,208	4,251	4,294	4,338	4,382	4,427	4,472	
10	2016	2.5%	6				570	1,225	1,237	1,250	1,263	1,276	1,289	
11	2017	2.0%	6					472	1,015	1,025	1,035	1,046	1,057	
12	2018	0.0%	6						0	0	0	0	0	
13	2019	0.0%	6							0	0	0	0	
14	2020	0.0%	6								0	0	0	
15	2021	0.0%	6									0	0	
16	2022	0.0%	6										0	
15	Sales for Resale Revenue	\$5,802	\$6,742	\$3,532	\$2,641	\$2,577	\$2,509	\$2,437	\$3,133	\$3,065	\$2,993	\$2,917	\$2,837	\$2,753
16	COPA Revenues	0	141	1,394	1,552	2,960	3,455	4,465	4,990	6,061	6,770	8,362	8,962	10,192
17	Other Revenues	992	924	830	727	738	749	760	771	783	795	807	819	831
18	Total Operating Revenues	\$35,896	\$41,021	\$39,950	\$42,357	\$47,686	\$52,521	\$56,737	\$59,590	\$61,658	\$62,835	\$64,896	\$65,966	\$67,668
19	Operating Expenses													
20	Production	\$85	\$113	\$83	\$108	\$111	\$113	\$115	\$118	\$121	\$124	\$127	\$130	\$133
21	Purchased Power	23,896	24,061	22,284	23,837	25,244	25,740	26,749	28,417	29,509	30,240	31,854	32,476	33,730
22	Other Power Supply	521	687	832	1,086	1,110	1,134	1,159	1,184	1,210	1,237	1,264	1,292	1,320
23	Transmission	82	34	40	52	53	54	55	56	57	58	59	60	61
24	Distribution	5,381	4,721	5,427	7,088	7,244	7,403	7,566	7,732	7,902	8,076	8,254	8,436	8,622
25	Consumer Accounting	1,285	1,344	1,348	1,761	1,800	1,840	1,880	1,921	1,963	2,006	2,050	2,095	2,141
26	Customer Service & Information	677	509	747	976	997	1,019	1,041	1,064	1,087	1,111	1,135	1,160	1,186
27	Admin. & General	3,728	3,864	4,094	5,348	5,465	5,585	5,708	5,834	5,962	6,093	6,227	6,364	6,504
28	Tax Expense	1,829	2,127	2,210	2,360	2,464	2,518	2,605	2,662	2,753	2,822	2,946	3,009	3,111
29	Depreciation/Amortization	3,067	3,756	3,866	3,812	4,002	4,436	4,793	5,925	6,207	6,406	6,652	6,805	6,916
30	Total Cost of Electric Service	\$40,552	\$41,215	\$40,931	\$46,427	\$48,490	\$49,841	\$51,671	\$54,913	\$56,771	\$58,173	\$60,568	\$61,827	\$63,724
31	Net Operating Revenues	(\$4,656)	(\$194)	(\$981)	(\$4,071)	(\$804)	\$2,679	\$5,066	\$4,677	\$4,887	\$4,662	\$4,327	\$4,138	\$3,943
32	Other Income	401	564	1,323	991	979	975	975	975	975	975	975	975	975
33	Interest Expense	(932)	(1,970)	(1,302)	(1,875)	(3,235)	(3,161)	(4,580)	(4,501)	(4,377)	(4,237)	(4,091)	(3,937)	(3,765)
34	Debt Issuance Expense and Discount	(60)	(95)	(85)	(85)	(85)	(85)	(85)	(85)	(85)	(85)	(85)	(80)	(35)
35	Other Deductions	(50)	(351)	0	0	0	0	0	0	0	0	0	0	0
36	Contributions in Aid of Construction (2)	996	975	992	1,104	1,260	1,323	1,389	1,459	1,532	1,608	1,689	1,773	1,862
37	Use of Rate Stabilization Funds	1,400	0	0	2,600	1,200	(150)	(460)	(55)	0	0	0	0	0
38	Net Income (Loss)	(\$2,901)	(\$1,071)	(\$53)	(\$1,335)	(\$684)	\$1,582	\$2,306	\$2,470	\$2,933	\$2,924	\$2,816	\$2,869	\$2,981
39	Total Retail Energy Sales (MWh)	570,097	610,431	580,927	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170
40	Unit Revenue from Retail Sales (¢/kWh)	5.10	5.46	6.13	6.65	7.49	8.24	8.86	9.13	9.38	9.49	9.73	9.82	9.99
41	Increase over Previous Year	6.4%	7.0%	12.1%	8.6%	12.7%	9.9%	7.6%	3.0%	2.8%	1.1%	2.6%	0.9%	1.8%
42	Necessary Retail Rate Change			0.0%	9.5%	9.5%	9.5%	2.5%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%
43	DSC Ratio	0.77	1.36	1.47	1.25	1.25	1.75	1.73	1.68	1.77	1.78	1.77	1.78	1.96
44	Operating TIER	(4.99)	(0.10)	(0.75)	(2.17)	(0.25)	0.85	1.11	1.04	1.12	1.10	1.06	1.05	1.05
45	Total TIER	(2.11)	0.46	0.96	0.29	0.79	1.50	1.50	1.55	1.67	1.69	1.69	1.73	1.79
46	Working Capital (Days of O&M)	74	95	43	9	181	49	102	73	64	51	53	64	81

Note:

- (1) Sources: 2010 - 2011 Financial and Statistical Reports, Draft 2012 Financial and Statistical Report
- (2) Sources: EMP 2011 CIAC.xlsx

**DRAFT**

**Option 2 - Three 9.5% Rate Increases**

Okanogan County PUD  
2013 Equity Management Plan  
Table 4 - Pro-Forma Balance Sheet as of December 31  
(\$000)

Scenario: Option 2

Line	Historical (1)			Projected										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
<b>ASSETS AND OTHER DEBITS</b>														
1	Total Utility Plant	\$137,519	\$141,269	\$146,711	\$157,340	\$171,903	\$190,927	\$217,931	\$225,532	\$231,464	\$238,195	\$242,549	\$245,725	\$248,632
2	Accum. Prov. for Deprec.	(52,369)	(53,648)	(56,805)	(59,627)	(62,639)	(66,085)	(69,888)	(74,823)	(80,040)	(85,456)	(91,118)	(96,933)	(102,859)
3	Net Utility Plant	\$85,150	\$87,621	\$89,906	\$97,713	\$109,264	\$124,842	\$148,043	\$150,709	\$151,424	\$152,739	\$151,431	\$148,792	\$145,773
4	Other Property & Investments													
5	Investments in Associated Companies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Electric Investment in Communications	2,150	1,979	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799
7	Total Other Property & Investments	\$2,150	\$1,979	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799	\$1,799
8	<b>Current Assets</b>													
9	Revenue Fund	\$2,832	\$3,763	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818	\$1,818
10	Working Funds	15	15	15	15	15	15	15	15	15	15	15	15	15
11	Temporary Cash Investments	4,773	6,004	2,582	(809)	20,226	4,239	11,272	8,007	7,048	5,341	6,000	7,889	10,703
12	Accrued Utility Revenues	2,321	1,996	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189
13	Other Current Assets	6,302	5,990	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835	6,835
14	Total Unrestricted Current Assets	\$16,243	\$17,768	\$13,440	\$10,048	\$31,083	\$15,096	\$22,130	\$18,865	\$17,906	\$16,198	\$16,858	\$18,746	\$21,561
15	<b>Restricted Current Assets</b>													
16	Bond Sinking Funds	\$567	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290	\$290
17	Customer Deposits	450	600	600	600	600	600	600	600	600	600	600	600	600
18	Compensated Absences	1,100	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
19	Debt Service Reserve Funds	0	0	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945	1,945
20	Bond Construction Funds	14,898	9,263	7,266	0	0	0	0	0	0	0	0	0	0
21	Other Special Funds (Rate Stab. Fund)	6,135	6,135	6,135	3,535	2,335	2,485	2,945	3,000	3,000	3,000	3,000	3,000	3,000
22	Total Restricted Current Assets	\$23,150	\$17,687	\$17,635	\$7,769	\$6,569	\$6,719	\$7,179	\$7,234	\$7,234	\$7,234	\$7,234	\$7,234	\$7,234
23	<b>Deferred Debits</b>													
24	Unamortized Debt Expense	\$415	\$389	\$370	\$351	\$333	\$314	\$295	\$276	\$257	\$238	\$220	\$201	\$182
25	Unamortized Loss on Reacquired Debt	845	770	695	620	545	470	395	321	246	171	96	25	0
26	Other Deferred Debits	2,987	2,222	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882	3,882
27	Total Assets & Other Debits	\$130,940	\$128,436	\$127,728	\$122,184	\$153,476	\$153,123	\$183,724	\$183,086	\$182,748	\$182,262	\$181,520	\$180,680	\$180,431
<b>EQUITIES AND LIABILITIES</b>														
28	<b>Net Assets</b>													
29	Restricted for Capital Construction	\$14,898	\$9,263	\$7,266	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	Restricted for Debt Service	0	0	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078	2,078
31	Restricted for Contingencies	6,135	6,135	6,250	3,650	2,450	2,600	3,060	3,115	3,115	3,115	3,115	3,115	3,115
32	Appropriated Net Assets	4,000	4,000	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036
33	Unappropriated Net Assets	46,144	51,208	52,584	58,515	57,831	59,413	61,718	64,189	67,121	70,045	72,861	75,730	78,711
34	Contributions in Aid of Construction	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558	11,558
35	Total Net Assets	\$82,735	\$82,164	\$82,772	\$78,837	\$76,953	\$78,685	\$81,450	\$83,975	\$86,908	\$89,832	\$92,648	\$95,517	\$98,498
36	<b>Non-Current Liabilities</b>													
37	Long-Term Debt	\$39,595	\$38,040	\$36,440	\$34,425	\$67,550	\$65,394	\$92,240	\$88,979	\$85,578	\$82,029	\$78,329	\$75,109	\$75,109
38	Other Long Term Liabilities	363	357	347	338	329	320	311	302	293	283	274	265	256
39	Total Long-Term Liabilities	\$39,958	\$38,397	\$36,787	\$34,763	\$67,879	\$65,714	\$92,551	\$89,281	\$85,871	\$82,312	\$78,603	\$75,374	\$75,365
40	<b>Current and Accrued Liabilities</b>													
41	Warrants Outstanding	\$625	\$247	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188	\$188
42	Accounts Payable	3,344	3,126	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283	3,283
43	Taxes Accrued	822	944	969	969	969	969	969	969	969	969	969	969	969
44	Miscellaneous	78	85	86	86	86	86	86	86	86	86	86	86	86
45	Other Regulatory Liabilities	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Total Current and Accrued Liabilities	\$4,869	\$4,402	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527	\$4,527
47	<b>Current Liab. Payable from Restricted Assets</b>													
48	Current Portion of Long Term Debt	\$1,190	\$1,555	\$1,600	\$2,015	\$2,075	\$2,156	\$3,154	\$3,261	\$3,401	\$3,549	\$3,700	\$3,220	\$0
49	Interest on Long Term Debt	431	160	156	156	156	156	156	156	156	156	156	156	156
50	Compensated Absences	1,199	1,191	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350
51	Customer Deposits	558	568	535	535	535	535	535	535	535	535	535	535	535
52	Total Current Liab. Payable from Restricted Assets	\$3,378	\$3,474	\$3,642	\$4,057	\$4,117	\$4,198	\$5,196	\$5,303	\$5,443	\$5,591	\$5,742	\$5,262	\$2,042
53	Deferred Credits	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Total Equities and Liabilities	\$130,939	\$128,436	\$127,728	\$122,184	\$153,476	\$153,123	\$183,724	\$183,086	\$182,748	\$182,262	\$181,520	\$180,680	\$180,431
<b>FINANCIAL RATIOS</b>														
55	Equity to Total Assets	63.2%	64.0%	64.8%	64.5%	50.1%	51.4%	44.3%	45.9%	47.6%	49.3%	51.0%	52.9%	54.6%
56	Working Capital (Days of O&M)	74	95	43	9	181	49	102	73	64	51	53	64	81

Note:

(1) Sources: 2010 - 2011 Financial and Statistical Reports, Draft 2012 Financial and Statistical Report

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**Option 2 - Three 9.5% Rate Increases**

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 5 - Statement of Operations - Cash Basis  
 (\$000)

Scenario: Option 2

Line	Projected									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1 Total Net Operating Revenues	(\$4,071)	(\$804)	\$2,679	\$5,066	\$4,677	\$4,887	\$4,662	\$4,327	\$4,138	\$3,943
2 Add: Depreciation	3,812	4,002	4,436	4,793	5,925	6,207	6,406	6,652	6,805	6,916
3 Add: Other Income	991	979	975	975	975	975	975	975	975	975
4 Add: Use of Rate Stabilization Fund	2,600	1,200	(150)	(460)	(55)	0	0	0	0	0
5 Cash from Operations	\$3,332	\$5,378	\$7,941	\$10,374	\$11,522	\$12,070	\$12,044	\$11,955	\$11,919	\$11,835
6 Debt Service - Long Term										
7 Existing - Interest	\$1,875	\$1,827	\$1,768	\$1,702	\$1,639	\$1,577	\$1,502	\$1,424	\$1,342	\$1,244
8 Existing - Principal	1,600	1,645	1,690	1,755	1,830	1,875	1,950	2,030	2,110	1,555
9 New - Interest	0	1,408	1,393	2,878	2,862	2,800	2,735	2,667	2,595	2,521
10 New - Principal	0	370	385	401	1,324	1,386	1,451	1,519	1,590	1,665
11 Total Debt Service	\$3,475	\$5,250	\$5,236	\$6,736	\$7,655	\$7,638	\$7,638	\$7,640	\$7,637	\$6,985
12 Cash Margins After Debt Service	(\$143)	\$128	\$2,705	\$3,638	\$3,867	\$4,432	\$4,406	\$4,315	\$4,282	\$4,850
13 Cash from Investing Activities										
14 Total Additions and Replacements	(10,515)	(14,292)	(18,692)	(26,605)	(7,132)	(5,391)	(6,113)	(3,655)	(2,393)	(2,036)
15 Cash from Financing Activities										
16 Proceeds from Long Term Debt	0	35,200	0	30,000	0	0	0	0	0	0
17 Proceeds from Bond Construction Funds	7,266	0	0	0	0	0	0	0	0	0
18 Cash from Investing and Financing Activities	(3,249)	20,908	(18,692)	3,395	(7,132)	(5,391)	(6,113)	(3,655)	(2,393)	(2,036)
19 Net Cash	(3,392)	21,035	(15,987)	7,034	(3,265)	(959)	(1,707)	659	1,889	2,814
FINANCIAL RATIOS										
20 Debt Service Coverage	1.25	1.25	1.75	1.73	1.68	1.77	1.78	1.77	1.78	1.96



Okanogan County PUD  
 2013 Equity Management Plan  
 Table 6 - General Funds Summary  
 (\$000)

Scenario: Option 2

Line	Projected									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>SOURCES OF GENERAL FUNDS</b>										
1	\$19,904	\$6,646	\$26,482	\$10,644	\$18,138	\$14,928	\$13,969	\$12,262	\$12,921	\$14,810
2	(143)	128	2,705	3,638	3,867	4,432	4,406	4,315	4,282	4,850
3	0	35,200	0	30,000	0	0	0	0	0	0
4	(2,600)	(1,200)	150	460	55	0	0	0	0	0
5	\$17,161	\$40,774	\$29,336	\$44,742	\$22,060	\$19,360	\$18,374	\$16,576	\$17,203	\$19,659
<b>USES OF GENERAL FUNDS</b>										
6	7,266	35,200	0	30,000	0	0	0	0	0	0
7	3,249	(20,908)	18,692	(3,395)	7,132	5,391	6,113	3,655	2,393	2,036
8	0	0	0	0	0	0	0	0	0	0
9	\$10,515	\$14,292	\$18,692	\$26,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
10	\$6,646	\$26,482	\$10,644	\$18,138	\$14,928	\$13,969	\$12,262	\$12,921	\$14,810	\$17,624

Notes

	2012
(1) Components of general funds as of December 31 were:	
Sinking Funds	\$290
Rate Stabilization Fund	6,135
Employee Compensated Absences Fund	1,400
Customer Deposit Fund	600
Revenue Fund Less Warrants Outstanding	1,631
Temporary Cash Investments	2,582
Bond Construction Funds	7,266
Total	\$19,904

**DRAFT**

**Option 2 - Three 9.5% Rate Increases**

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 7 - Plant Investment and Depreciation Expense  
 (\$000)

Scenario: Option 2

Line	Projected									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
UTILITY PLANT										
1	\$146,711	\$157,340	\$171,903	\$190,927	\$217,931	\$225,532	\$231,464	\$238,195	\$242,549	\$245,725
2	Additions and Replacements - CIP Inflation Adjusted									
3	Funded with Bonds									
4	3,049	1,671	11,262	21,819	0	0	0	0	0	0
5	Funded with Revenue and/or Reserves									
6	2,916	2,157	2,322	2,100	2,224	2,325	3,249	3,392	3,649	3,729
7	2,500	6,789	0	0	0	0	0	0	0	0
8	500	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	342	2,795	0	0	0
10	0	0	0	0	0	0	0	1,428	0	0
11	0	2,298	1,494	0	0	0	0	0	0	0
12	0	0	0	0	3,679	0	0	0	0	0
13	0	0	0	818	0	0	0	0	0	0
14	0	313	2,135	0	0	0	0	0	0	0
15	0	0	0	1,636	0	0	0	0	0	0
16	0	0	0	0	0	855	0	0	0	0
17	2,020	574	438	0	736	1,709	70	0	243	0
18	0	0	801	0	0	0	873	0	0	0
19	0	63	64	65	67	68	70	71	73	75
20	634	710	619	382	764	530	419	274	201	93
21	0	977	881	1,173	1,121	1,094	245	179	0	0
22	0	0	0	0	0	0	0	0	0	0
23	\$11,619	\$15,552	\$20,015	\$27,994	\$8,591	\$6,922	\$7,721	\$5,344	\$4,166	\$3,897
24	990	990	990	990	990	990	990	990	990	990
25	\$157,340	\$171,903	\$190,927	\$217,931	\$225,532	\$231,464	\$238,195	\$242,549	\$245,725	\$248,632
26	Net Additions and Replacements									
27	\$6,070	\$6,779	\$6,618	\$6,175	\$4,911	\$6,580	\$4,926	\$5,344	\$4,166	\$3,897
28	5,549	8,774	13,397	21,819	3,679	342	2,795	-	-	-
29	\$11,619	\$15,552	\$20,015	\$27,994	\$8,591	\$6,922	\$7,721	\$5,344	\$4,166	\$3,897

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**Option 2 - Three 9.5% Rate Increases**

Okanogan County PUD  
 2013 Equity Management Plan  
 Table 7 - Plant Investment and Depreciation Expense  
 (\$000)

Scenario: Option 2

Line		Projected									
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	DEPRECIATION EXPENSE										
30	Funded with Bonds										
31	Enloe Dam License/Construction	2.50%	0	0	0	0	945	945	945	945	945
32	Funded with Revenue and/or Reserves										
33	Normal Replacements & Additions	3.00%	0	87	152	222	285	352	421	519	621
34	PT Transmission Line	3.00%	0	0	279	279	279	279	279	279	279
35	Gold Creek Substation Construction	3.00%	0	15	15	15	15	15	15	15	15
36	Aeneas to Tonasket 115kV Transmission Line Construction	3.00%	0	0	0	0	0	0	94	94	94
37	Aeneas Valley Substation	3.00%	0	0	0	0	0	0	0	43	43
38	Tonasket Substation Addition	3.00%	0	0	0	114	114	114	114	114	114
39	Okanogan to Brewster 115kV Transmission Line Replacement	3.00%	0	0	0	0	110	110	110	110	110
40	Sandflat Substation Addition	3.00%	0	0	0	25	25	25	25	25	25
41	Ophir to Monse 115kV Transmission Line	3.00%	0	0	0	73	73	73	73	73	73
42	Monse Substation Construction	3.00%	0	0	0	49	49	49	49	49	49
43	Loup Loup Substation Addition / MOS and Power Transformer	3.00%	0	0	0	0	0	26	26	26	26
44	Facilities	2.50%	0	51	65	76	76	94	137	139	145
45	Mobile Substation and Power Transformer Replacements	3.00%	0	0	0	24	24	24	50	50	50
46	SCADA	3.00%	0	0	2	4	6	8	10	12	14
47	Vehicle Replacements and New	10.00%	0	63	134	196	235	311	364	406	433
48	Distribution Projects (District) (No projects planned after 2020 at this time)	3.00%	0	0	29	56	91	125	157	165	170
49	Existing Plant	2.62%	3,812	3,786	3,760	3,734	3,708	3,683	3,657	3,631	3,605
50	Total Depreciation Expense		\$3,812	\$4,002	\$4,436	\$4,793	\$5,925	\$6,207	\$6,406	\$6,652	\$6,805
51	Less Depreciation in Other Accounts		0	0	0	0	0	0	0	0	0
52	Net Depreciation Expense		\$3,812	\$4,002	\$4,436	\$4,793	\$5,925	\$6,207	\$6,406	\$6,652	\$6,805
53	2012 ESTIMATED DEPRECIATION RATE ON EXISTING PLANT										
54	Total Utility Plant in Service (EOY)	146,711									
55	Depreciation Expense	3,838									
56	Estimated Average Depreciation Rate	2.62%									
57	ESTIMATED PLANT IN SERVICE - EXISTING PLANT										
58	Total Existing Plant in Service (BOY)	146,711	145,721	144,731	143,741	142,751	141,761	140,771	139,781	138,791	137,801
59	Retirements	990	990	990	990	990	990	990	990	990	990
60	Total Existing Plant in Service (EOY)	145,721	144,731	143,741	142,751	141,761	140,771	139,781	138,791	137,801	136,811
61	Estimated Depreciation Expense on Existing Plant	3,812	3,786	3,760	3,734	3,708	3,683	3,657	3,631	3,605	3,579

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Okanagan County PUD  
2013 Equity Management Plan  
Table 8 - Long-Term Debt and Debt Service  
(\$000)

**Option 2 - Three 9.5% Rate Increases**

**Scenario: Option 2**

		Projected									
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>EXISTING LONG TERM DEBT</b>											
1	Balance (Beg Yr)	\$38,040	\$36,440	\$34,795	\$33,105	\$31,350	\$29,520	\$27,645	\$25,695	\$23,665	\$21,555
2	Principal Repayments	1,600	1,645	1,690	1,755	1,830	1,875	1,950	2,030	2,110	1,555
3	Balance (End Yr)	\$36,440	\$34,795	\$33,105	\$31,350	\$29,520	\$27,645	\$25,695	\$23,665	\$21,555	\$20,000
<b>EXISTING DEBT INTEREST AND PRINCIPAL PAYMENTS</b>											
4	Interest										
5	2003 Bonds	\$321	\$293	\$261	\$228	\$192	\$158	\$130	\$101	\$70	\$36
6	2010 Bonds	1,554	1,534	1,507	1,475	1,447	1,419	1,372	1,323	1,272	1,208
7	Total Interest	\$1,875	\$1,827	\$1,768	\$1,702	\$1,639	\$1,577	\$1,502	\$1,424	\$1,342	\$1,244
8	Principal										
9	2003 Bonds	\$555	\$580	\$615	\$650	\$685	\$700	\$730	\$760	\$790	\$825
10	2010 Bonds	1,045	1,065	1,075	1,105	1,145	1,175	1,220	1,270	1,320	730
11	Total Principal	\$1,600	\$1,645	\$1,690	\$1,755	\$1,830	\$1,875	\$1,950	\$2,030	\$2,110	\$1,555
<b>FUNDING REQUIREMENTS</b>											
12	Capital Funding Requirements (1)	\$10,515	\$14,292	\$18,692	\$26,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
13	Refinancing Requirements	0	0	0	0	0	0	0	0	0	0
14	Total Funding Requirements	\$10,515	\$14,292	\$18,692	\$26,605	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
15	Loan Funds Advanced	0	35,200	0	30,000	0	0	0	0	0	0
16	Use of Unspent Bond Proceeds	7,266	0	0	0	0	0	0	0	0	0
17	General Funds Invested	\$3,249	(\$20,908)	\$18,692	(\$3,395)	\$7,132	\$5,391	\$6,113	\$3,655	\$2,393	\$2,036
<b>NEW LONG TERM DEBT</b>											
18	New Long Term Debt										
19	BOY Balance	\$0	\$0	\$34,830	\$34,445	\$64,044	\$62,720	\$61,334	\$59,883	\$58,364	\$56,774
20	Loan Funds Advanced	0	35,200	0	30,000	0	0	0	0	0	0
21	Interest Expense	0	1,408	1,393	2,878	2,862	2,800	2,735	2,667	2,595	2,521
22	Principal Payments	0	370	385	401	1,324	1,386	1,451	1,519	1,590	1,665
23	Total Debt Service	\$0	\$1,778	\$1,778	\$3,279	\$4,186	\$4,186	\$4,186	\$4,186	\$4,185	\$4,186
24	EOY Balance	\$0	\$34,830	\$34,445	\$64,044	\$62,720	\$61,334	\$59,883	\$58,364	\$56,774	\$55,109
<b>TOTAL LONG TERM DEBT SERVICE</b>											
25	Interest										
26	Existing Debt	\$1,875	\$1,827	\$1,768	\$1,702	\$1,639	\$1,577	\$1,502	\$1,424	\$1,342	\$1,244
27	New Long Term Debt	0	1,408	1,393	2,878	2,862	2,800	2,735	2,667	2,595	2,521
28	Total Interest	\$1,875	\$3,235	\$3,161	\$4,580	\$4,501	\$4,377	\$4,237	\$4,091	\$3,937	\$3,765
29	Principal										
30	Existing Debt	\$1,600	\$1,645	\$1,690	\$1,755	\$1,830	\$1,875	\$1,950	\$2,030	\$2,110	\$1,555
31	New Long Term Debt	0	370	385	401	1,324	1,386	1,451	1,519	1,590	1,665
32	Total Principal	\$1,600	\$2,015	\$2,075	\$2,156	\$3,154	\$3,261	\$3,401	\$3,549	\$3,700	\$3,220
33	Total Debt Service	\$3,475	\$5,250	\$5,236	\$6,736	\$7,655	\$7,638	\$7,638	\$7,640	\$7,637	\$6,985
34	Less Portion Allocated to Telecom	0	0	0	0	0	0	0	0	0	0
35	Total Electric System Debt Service	\$3,475	\$5,250	\$5,236	\$6,736	\$7,655	\$7,638	\$7,638	\$7,640	\$7,637	\$6,985
<b>TOTAL LONG TERM DEBT</b>											
34	Balance (Beg Yr)	\$38,040	\$36,440	\$69,625	\$67,550	\$95,394	\$92,240	\$88,979	\$85,578	\$82,029	\$78,329
35	Loan Funds Advanced	-	35,200	-	30,000	-	-	-	-	-	-
36	Less Principal Repayments	1,600	2,015	2,075	2,156	3,154	3,261	3,401	3,549	3,700	3,220
37	Balance (End Yr)	\$36,440	\$69,625	\$67,550	\$95,394	\$92,240	\$88,979	\$85,578	\$82,029	\$78,329	\$75,109
<b>35 Current Portion of Long Term Debt - EOY</b>											
36	Existing Debt	\$1,645	\$1,690	\$1,755	\$1,830	\$1,875	\$1,950	\$2,030	\$2,110	\$1,555	\$0
37	New Long Term Debt	370	385	401	1,324	1,386	1,451	1,519	1,590	1,665	0
38	Total Current Portion	\$2,015	\$2,075	\$2,156	\$3,154	\$3,261	\$3,401	\$3,549	\$3,700	\$3,220	\$0

Notes

(1) Includes CIAC

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**Option 2 - Three 9.5% Rate Increases**

Okanogan County PUD  
2013 Equity Management Plan  
Table 9 - Energy Resources and Cost of Power

Scenario: Option 2

	Projected										Avg. Annual Increase 2013 - 2022	
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>POWER SUPPLY (MWh)</b>												
1	Purchased Power											
2												0.0%
3	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	209,496	0.0%
4	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	286,179	0.0%
5	629	629	629	629	629	629	629	629	629	629	629	0.0%
6	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	258,942	0.0%
7	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	42,156	0.0%
8	0	0	0	0	0	0	0	0	0	0	0	n/a
9	0	0	0	0	0	0	0	0	0	0	0	n/a
9	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	797,402	0.0%
10	New Resources											
11	0	0	0	0	44,963	44,963	44,963	44,963	44,963	44,964	44,964	n/a
12	0	0	0	0	44,963	44,963	44,963	44,963	44,963	44,964	44,964	n/a
13	0	0	0	0	0	0	0	0	0	0	0	n/a
14	797,402	797,402	797,402	797,402	842,365	842,365	842,365	842,365	842,365	842,366	842,366	0.6%
<b>POWER REQUIREMENTS (MWh)</b>												
15	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170	641,170	1.0%
16	163,437	157,097	150,694	144,227	182,659	176,062	169,398	162,669	155,872	149,008	149,008	-1.0%
17	0	0	0	0	0	0	0	0	0	0	0	n/a
18	47,718	48,195	48,677	49,164	49,655	50,152	50,653	51,160	51,672	52,188	52,188	1.0%
19	797,402	797,402	797,402	797,402	842,365	842,365	842,365	842,365	842,365	842,366	842,366	0.6%
<b>LOSSES (MWh)</b>												
20	6.0%	6.0%	6.1%	6.2%	5.9%	6.0%	6.0%	6.1%	6.1%	6.2%	6.2%	
<b>POWER COSTS (\$000)</b>												
21	Purchased Power											
22	\$6,363	\$6,789	\$6,904	\$7,197	\$7,319	\$7,629	\$7,758	\$8,086	\$8,223	\$8,572	\$8,572	3.4%
23	8,365	8,935	9,065	9,455	9,593	10,006	10,305	11,200	11,364	11,856	11,856	4.0%
24	2,139	2,341	2,376	2,481	2,518	2,630	2,669	2,788	2,830	2,955	2,955	3.7%
25	4,143	4,267	4,395	4,527	4,663	4,803	4,947	5,095	5,248	5,405	5,405	3.0%
26	2,827	2,912	3,000	3,090	3,182	3,278	3,376	3,477	3,582	3,689	3,689	3.0%
27	0	0	0	0	0	0	0	0	0	0	0	n/a
28	0	0	0	0	0	0	0	0	0	0	0	n/a
29	\$23,837	\$25,244	\$25,740	\$26,749	\$27,275	\$28,345	\$29,054	\$30,646	\$31,246	\$32,477	\$32,477	3.5%
30	New Resources											
31	\$0	\$0	\$0	\$0	\$1,143	\$1,164	\$1,186	\$1,208	\$1,231	\$1,254	\$1,254	
32	\$0	\$0	\$0	\$0	\$1,143	\$1,164	\$1,186	\$1,208	\$1,231	\$1,254	\$1,254	
33	\$23,837	\$25,244	\$25,740	\$26,749	\$28,417	\$29,509	\$30,240	\$31,854	\$32,476	\$33,730	\$33,730	
<b>UNIT POWER COSTS (cents/kWh)</b>												
35	3.04	3.24	3.30	3.44	3.49	3.64	3.70	3.86	3.93	4.09	4.09	3.4%
36	2.92	3.12	3.17	3.30	3.35	3.50	3.60	3.91	3.97	4.14	4.14	4.0%
37	340.02	372.12	377.71	394.45	400.37	418.12	424.39	443.21	449.85	469.80	469.80	3.7%
38	1.60	1.65	1.70	1.75	1.80	1.85	1.91	1.97	2.03	2.09	2.09	3.0%
39	6.71	6.91	7.12	7.33	7.55	7.78	8.01	8.25	8.50	8.75	8.75	3.0%
40	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
41	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
42	n/a	n/a	n/a	n/a	2.54	2.59	2.64	2.69	2.74	2.79	2.79	n/a
43	2.99	3.17	3.23	3.35	3.37	3.50	3.59	3.78	3.86	4.00	4.00	3.3%

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 Okanogan County PUD  
 2013 Equity Management Plan  
 Table 10 - Projected COPA Revenues

**Option 2 - Three 9.5% Rate Increases**

**Scenario: Option 2**

Line	Actual		Projected									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
SALES (MWh)												
1 Residential	324,538	289,640	295,092	298,892	302,730	306,606	310,521	314,476	318,469	322,503	326,577	330,692
2 General Service	202,557	204,212	206,255	208,317	210,400	212,504	214,629	216,776	218,943	221,133	223,344	225,578
3 Industrial	21,141	20,584	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409	18,409
4 Irrigation	60,318	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773	64,773
5 Frost Control	517	358	358	358	358	358	358	358	358	358	358	358
6 Street Lighting	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360
7 Total Retail Sales	610,431	580,927	586,247	592,110	598,031	604,011	610,051	616,152	622,313	628,536	634,822	641,170
8												
POWER SUPPLY COSTS (\$000)												
9 Purchased Power	\$24,061	\$22,284	\$23,837	\$25,244	\$25,740	\$26,749	\$28,417	\$29,509	\$30,240	\$31,854	\$32,476	\$33,730
11 Less Enloe Dam	-	-	-	-	-	-	1,143	1,164	1,186	1,208	1,231	1,254
12 Net Purchased Power Costs	\$24,061	\$22,284	\$23,837	\$25,244	\$25,740	\$26,749	\$27,275	\$28,345	\$29,054	\$30,646	\$31,246	\$32,477
13												
14 Additional COPA Revenue (\$000)		n/a	\$1,552	\$2,960	\$3,455	\$4,465	\$4,990	\$6,061	\$6,770	\$8,362	\$8,962	\$10,192
15												
16 COPA Charge (\$/kWh)	n/a	n/a	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984	\$0.01088	\$0.01330	\$0.01412	\$0.01590