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**Okanogan County PUD  
2013 Electric System Rate Study  
Current, Cost of Service and Proposed Rates  
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**Rate Option 3A**

**Schedule No. 2 - Residential**

	Existing Rates	TY 2013 Cost of Service (1)	Proposed Rates (2)					
			July 2013	July 2014	July 2015	July 2016	July 2017	July 2018
<u>Base Rates</u>								
Basic Charge (\$/month)	\$10.00	\$27.78	\$35.00	\$40.00	\$40.00	\$45.00	\$45.00	\$45.00
Energy Charge (\$/kWh)								
< 2,000 kWh	\$0.05750	\$0.06139	\$0.05750	\$0.05750	\$0.05750	\$0.05750	\$0.05750	\$0.05750
> 2,000 kWh	\$0.06316	\$0.06139	\$0.06316	\$0.06316	\$0.06316	\$0.06316	\$0.06316	\$0.06316
Minimum Charge (\$/month)	n/a	\$79.05	n/a	n/a	n/a	n/a	n/a	n/a
Minimum Energy Charge (\$/month)	\$25.00	n/a						
kWh in Basic Charge	500		300	150	0	n/a	n/a	n/a
Percent Change in Base Rate Revenue		19.3% <sup>n/a</sup>	10.0% <sup>n/a</sup>	12.2% <sup>n/a</sup>	7.0% <sup>n/a</sup>	4.0% <sup>n/a</sup>	0.0% <sup>n/a</sup>	0.0%
<u>Cost of Power Adjustment</u>	\$0.00240	n/a	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984

Notes

- (1) Cost of service rates include allocation of wholesale revenues.
- (2) Set the Basic Charge to \$35/month in 2013 and increased this to \$45/month by 2016.  
Energy Charge applied after the first 300 kWh in 2013, 150 kWh in 2014 and to all kWhs in 2015 and beyond.  
No changes in the Energy Charge.

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**Rate Option 3A**

**Schedule No. 3 - Small General Service**

	Existing Rates	TY 2013 Cost of Service (1)	Proposed Rates (2)					
			July 2013	July 2014	July 2015	July 2016	July 2017	July 2018
<u>Base Rates</u>								
Basic Charge (\$/month)	\$12.00	\$32.09	\$40.00	\$45.00	\$50.00	\$50.00	\$50.00	\$50.00
Energy Charge (\$/kWh)	\$0.05855	\$0.05645	\$0.05855	\$0.05855	\$0.06271	\$0.06486	\$0.06662	\$0.06662
Demand Charge (\$/kW/month equals or exceed 50 kW)	\$5.00	n/a	\$5.50	\$6.00	\$6.50	\$6.50	\$6.50	\$6.50
Minimum Charge (\$/month)	n/a	\$96.54	n/a	n/a	n/a	n/a	n/a	n/a
Minimum Energy Charge (\$/month)	\$25.00	n/a						
kWh in Minimum Energy Charge	500	n/a	250	0	n/a	n/a	n/a	n/a
Percent Change in Base Rate Revenue		4.9% <sup>n/a</sup>	9.3% <sup>n/a</sup>	11.0% <sup>n/a</sup>	8.2% <sup>n/a</sup>	2.5% <sup>n/a</sup>	2.0% <sup>n/a</sup>	0.0%
<u>Cost of Power Adjustment</u>	\$0.00240	n/a	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984

Notes

- (1) Cost of service rates include allocation of wholesale revenues.
- (2) Set the Basic Charge to \$40/month in 2013 and increased this to \$50/month by 2016.  
Energy Charge applied after the first 250 kWh in 2013 and to all kWhs in 2014 and beyond. Adjusted the Energy Charge as necessary to collect sufficient revenues.  
Demand Charge increases \$0.50/kW each year until 2015.

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**Rate Option 3A**

**Schedule No. 3 - Large General Service**

	Existing Rates	TY 2013 Cost of Service (1)	Proposed Rates (3)					
			July 2013	July 2014	July 2015	July 2016	July 2017	July 2018
<u>Base Rates</u>								
Basic Charge (\$/month)	\$12.00	\$40.31	\$20.00	\$30.00	\$40.00	\$40.00	\$40.00	\$40.00
Energy Charge (\$/kWh)	\$0.04150	\$0.02714	\$0.04521	\$0.04940	\$0.05415	\$0.05603	\$0.05756	\$0.05756
Demand Charge (\$/kW/month above 50 kW)	\$5.00	n/a	\$5.50	\$6.00	\$6.50	\$6.50	\$6.50	\$6.50
Demand Charge (\$/all kW/month)	n/a	\$10.12	n/a	n/a	n/a	n/a	n/a	n/a
Minimum Charge (\$/month)	n/a	\$1,408	n/a	n/a	n/a	n/a	n/a	n/a
Minimum Demand Charge (\$/month)	\$250.00	n/a	\$275.00	\$300.00	\$325.00	\$325.00	\$325.00	\$325.00
kW in Minimum Demand Charge	50	n/a	50	50	50	50	50	50
Power Factor Charge (2)	97.0%		97.0%	97.0%	97.0%	97.0%	97.0%	97.0%
Percent Change in Base Rate Revenue		-2.7%	9.5%	9.5%	9.5%	2.5%	2.0%	0.0%
<u>Cost of Power Adjustment</u>	\$0.00240	n/a	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984

Notes

- (1) Cost of service rates include allocation of wholesale revenues.
- (2) For every percentage a customer's power factor is below 97 percent, the demand charge will increase 1.0 percent.
- (3) Set the Basic Charge to \$20/month in 2013 and increased to \$40/month by 2015.  
Adjusted the Energy Charge as necessary to collect sufficient revenues.  
Demand Charge increases \$0.50/kW each year until 2015.

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**Rate Option 3A**

**Schedule No. 4 - Primary Industrial Service**

	Existing Rates	TY 2013 Cost of Service (1)	Proposed Rates (3)					
			July 2013	July 2014	July 2015	July 2016	July 2017	July 2018
<u>Base Rates</u>								
Basic Charge (\$/month)	\$75.00	\$40.75	\$80.00	\$90.00	\$100.00	\$100.00	\$100.00	\$100.00
Energy Charge (\$/kWh)	\$0.03631	\$0.02783	\$0.03984	\$0.04385	\$0.04840	\$0.05019	\$0.05166	\$0.05166
Demand Charge (\$/billed kW/month)	\$5.50	\$5.51	\$6.00	\$6.50	\$7.00	\$7.00	\$7.00	\$7.00
Minimum Charge (\$/month)	n/a	\$9,837	n/a	n/a	n/a	n/a	n/a	n/a
Minimum Demand Charge (\$/month)	\$5,500	n/a	\$6,000	\$6,500	\$7,000	\$7,000	\$7,000	\$7,000
kW in Minimum Demand Charge	1,000	n/a	1,000	1,000	1,000	1,000	1,000	1,000
Power Factor Charge (2)	97.0%		97.0%	97.0%	97.0%	97.0%	97.0%	97.0%
Percent Change in Base Rate Revenue		-18.7%	9.5%	9.5%	9.5%	2.5%	2.0%	0.0%
<u>Cost of Power Adjustment</u>	\$0.00240	n/a	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984

Notes

- (1) Cost of service rates include allocation of wholesale revenues.
- (2) For every percentage a customer's power factor is below 97 percent, the demand charge will increase 1.0 percent.
- (3) Set the Basic Charge to \$80/month in 2013 and increased to \$100/month by 2015.  
Adjusted the Energy Charge as necessary to collect sufficient revenues.  
Demand Charge increases \$0.50/kW each year until 2015.

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**Rate Option 3A**

**Schedule No. 6 - Irrigation**

Base Rates (2)

	Existing Rates	TY 2013 Cost of Service (1)	Proposed Rates (3)					
			April 2013	April 2014	April 2015	April 2016	April 2017	April 2018
Basic Charge (\$/month)	\$12.00	\$39.74	\$12.00	\$15.00	\$17.50	\$20.00	\$20.00	\$20.00
Demand Charge (\$/billed kW/month)	\$3.00	\$10.87	\$3.00	\$3.50	\$4.00	\$4.50	\$4.50	\$4.50
Seasonal Energy Charge	\$0.03720	\$0.02653	\$0.03720	\$0.04480	\$0.04844	\$0.04844	\$0.04953	\$0.04953
Inter-Seasonal Energy Charge	\$0.05855	\$0.02653	\$0.05855	\$0.07051	\$0.07624	\$0.07624	\$0.07796	\$0.07796
Percent Change in Base Rate Revenue		36.7%	0.0%	19.9%	9.5%	2.8%	1.7%	0.0%
<u>Cost of Power Adjustment</u>	\$0.00240	n/a	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984

Notes

- (1) Cost of service rates include allocation of wholesale revenues.
- (2) Rate schedule is based on continuous service for the irrigation season of April 1 through October 31.
- (3) Set the Basic Charge to \$15/month in 2014 and increased this to \$20/month by 2016.  
Adjusted the Energy Charge as necessary to collect sufficient revenues.  
Demand Charge increases \$0.50/kW each year until 2016.

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**Okanogan County PUD  
2013 Electric System Rate Study  
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**Rate Option 3A**

**Schedule No. 7 - Frost Control**

	Existing Rates	TY 2013 Cost of Service (1)	Proposed Rates (3)					
			June 2013	June 2014	June 2015	June 2016	June 2017	June 2018
<u>Base Rates (2)</u>								
Basic Charge (\$/month)	n/a	\$42.35	n/a	\$120.00	\$130.00	\$130.00	\$130.00	\$130.00
Demand Charge (\$/billed kW/month)	n/a	n/a	n/a	\$4.50	\$5.50	\$5.50	\$5.50	\$5.50
Annual Facilities Charge (\$/horsepower)	\$4.50	\$5.53	\$4.50	n/a	n/a	n/a	n/a	n/a
Energy Charge (\$/kWh)	\$0.02874	\$0.01778	\$0.02874	\$0.02874	\$0.03356	\$0.03955	\$0.04454	\$0.04454
Percent Change in Base Rate Revenue		11.8%	0.0%	11.0%	18.2%	2.5%	2.0%	0.0%
<u>Cost of Power Adjustment</u>	\$0.00240	n/a	\$0.00265	\$0.00500	\$0.00578	\$0.00739	\$0.00818	\$0.00984

Notes

- (1) Cost of service rates include allocation of wholesale revenues.
- (2) Customers served under this customer class are billed annually in June.
- (3) Set the Basic Charge to \$120/month in 2014 and increased this to \$130/month by 2015.  
Adjusted the Energy Charge as necessary to collect sufficient revenues.  
Demand Charge increases \$1/kW in 2015.

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Okanogan County PUD  
2013 Bill Frequency Analysis

DRAFT Rate Adjustment Impact Assessment - Option 3A

District Customer Class Estimated Monthly Bills

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)
Schedule No. 2 - Residential																						
Line No.	kWh per month	No. of Customers	% of Total	Cum. % of Total		Bill at Current Rates	Cents per kWh	Bill at Cost of Service	Percent Change	Cents per kWh	Bill at TY 2013 Proposed	Percent Change	Bill at TY 2014 Proposed	Percent Change	Bill at TY 2015 Proposed	Percent Change	Bill at TY 2016 Proposed	Percent Change	Bill at TY 2017 Proposed	Percent Change	Bill at TY 2018 Proposed	Percent Change
1	0	529	3.1%	3.1%		\$35.00		\$79.05	125.9%		\$35.00	0.0%	\$40.00	14.3%	\$40.00	0.0%	\$45.00	12.5%	\$45.00	0.0%	\$45.00	0.0%
2	100	996	5.8%	9.0%		35.24	35.24	79.05	124.3%	79.05	35.26	0.1%	40.50	14.8%	46.33	14.4%	51.49	11.1%	51.57	0.2%	51.73	0.3%
3	200	602	3.5%	12.5%		35.48	17.74	79.05	122.8%	39.53	35.53	0.1%	43.87	23.5%	52.66	20.0%	57.98	10.1%	58.14	0.3%	58.47	0.6%
4	300	556	3.3%	15.8%		35.72	11.91	79.05	121.3%	26.35	35.79	0.2%	50.12	40.0%	58.98	17.7%	64.47	9.3%	64.70	0.4%	65.20	0.8%
5	400	587	3.4%	19.2%		35.96	8.99	79.05	119.8%	19.76	41.81	16.3%	56.37	34.8%	65.31	15.9%	70.96	8.6%	71.27	0.4%	71.93	0.9%
6	500	649	3.8%	23.0%		36.20	7.24	79.05	118.4%	15.81	47.82	32.1%	62.62	30.9%	71.64	14.4%	77.45	8.1%	77.84	0.5%	78.67	1.1%
7	600	688	4.0%	27.1%		42.19	7.03	79.05	87.4%	13.18	53.84	27.6%	68.87	27.9%	77.97	13.2%	83.94	7.7%	84.41	0.6%	85.40	1.2%
8	700	734	4.3%	31.4%		48.18	6.88	79.05	64.1%	11.29	59.85	24.2%	75.12	25.5%	84.29	12.2%	90.42	7.3%	90.98	0.6%	92.14	1.3%
9	800	762	4.5%	35.8%		54.17	6.77	79.05	45.9%	9.88	65.87	21.6%	81.37	23.5%	90.62	11.4%	96.91	6.9%	97.54	0.7%	98.87	1.4%
10	900	755	4.4%	40.3%		60.16	6.68	83.03	38.0%	9.23	71.88	19.5%	87.62	21.9%	96.95	10.6%	103.40	6.7%	104.11	0.7%	105.60	1.4%
11	1,000	767	4.5%	44.8%		66.15	6.62	89.17	34.8%	8.92	77.90	17.8%	93.87	20.5%	103.28	10.0%	109.89	6.4%	110.68	0.7%	112.34	1.5%
12	1,100	717	4.2%	49.0%		72.14	6.56	95.31	32.1%	8.66	83.91	16.3%	100.12	19.3%	109.61	9.5%	116.38	6.2%	117.25	0.7%	119.07	1.6%
13	1,200	685	4.0%	53.0%		78.13	6.51	101.45	29.8%	8.45	89.93	15.1%	106.37	18.3%	115.93	9.0%	122.87	6.0%	123.82	0.8%	125.80	1.6%
14	1,300	628	3.7%	56.7%		84.12	6.47	107.58	27.9%	8.28	95.94	14.1%	112.62	17.4%	122.26	8.6%	129.36	5.8%	130.38	0.8%	132.54	1.7%
15	1,400	588	3.5%	60.2%	Avg.	90.11	6.44	113.72	26.2%	8.12	101.96	13.1%	118.87	16.6%	128.59	8.2%	135.85	5.6%	136.95	0.8%	139.27	1.7%
16	1,500	543	3.2%	63.3%		96.10	6.41	119.86	24.7%	7.99	107.97	12.4%	125.12	15.9%	134.92	7.8%	142.34	5.5%	143.52	0.8%	146.01	1.7%
17	1,600	509	3.0%	66.3%		102.09	6.38	126.00	23.4%	7.88	113.99	11.7%	131.37	15.3%	141.24	7.5%	148.83	5.4%	150.09	0.8%	152.74	1.8%
18	1,700	456	2.7%	69.0%		108.08	6.36	132.14	22.3%	7.77	120.00	11.0%	137.62	14.7%	147.57	7.2%	155.32	5.2%	156.66	0.9%	159.47	1.8%
19	1,800	429	2.5%	71.5%		114.07	6.34	138.28	21.2%	7.68	126.02	10.5%	143.87	14.2%	153.90	7.0%	161.81	5.1%	163.22	0.9%	166.21	1.8%
20	1,900	381	2.2%	73.8%		120.06	6.32	144.42	20.3%	7.60	132.03	10.0%	150.12	13.7%	160.23	6.7%	168.30	5.0%	169.79	0.9%	172.94	1.9%
21	2,000	368	2.2%	75.9%		126.05	6.30	150.56	19.4%	7.53	138.05	9.5%	156.37	13.3%	166.56	6.5%	174.78	4.9%	176.36	0.9%	179.67	1.9%
22	2,250	784	4.6%	80.5%		142.44	6.33	165.90	16.5%	7.37	154.50	8.5%	173.41	12.2%	183.79	6.0%	192.42	4.7%	194.20	0.9%	197.92	1.9%
23	2,500	639	3.8%	84.3%		158.83	6.35	181.25	14.1%	7.25	170.95	7.6%	190.45	11.4%	201.02	5.6%	210.06	4.5%	212.03	0.9%	216.17	2.0%
24	2,750	521	3.1%	87.3%		175.22	6.37	196.60	12.2%	7.15	187.40	7.0%	207.49	10.7%	218.26	5.2%	227.70	4.3%	229.87	1.0%	234.42	2.0%
25	3,000	441	2.6%	89.9%		191.61	6.39	211.94	10.6%	7.06	203.85	6.4%	224.53	10.1%	235.49	4.9%	245.34	4.2%	247.70	1.0%	252.67	2.0%
26	3,250	354	2.1%	92.0%		208.00	6.40	227.29	9.3%	6.99	220.31	5.9%	241.57	9.7%	252.73	4.6%	262.97	4.1%	265.54	1.0%	270.92	2.0%
27	3,500	280	1.6%	93.7%		224.39	6.41	242.64	8.1%	6.93	236.76	5.5%	258.61	9.2%	269.96	4.4%	280.61	3.9%	283.37	1.0%	289.17	2.0%
28	3,750	220	1.3%	95.0%		240.78	6.42	257.98	7.1%	6.88	253.21	5.2%	275.65	8.9%	287.20	4.2%	298.25	3.8%	301.21	1.0%	307.42	2.1%
29	4,000	178	1.0%	96.0%		257.17	6.43	273.33	6.3%	6.83	269.66	4.9%	292.69	8.5%	304.43	4.0%	315.89	3.8%	319.04	1.0%	325.67	2.1%
30	4,250	139	0.8%	96.8%		273.56	6.44	288.68	5.5%	6.79	286.11	4.6%	309.73	8.3%	321.67	3.9%	333.53	3.7%	336.88	1.0%	343.92	2.1%
31	4,500	110	0.6%	97.5%		289.95	6.44	304.02	4.9%	6.76	302.57	4.4%	326.77	8.0%	338.90	3.7%	351.17	3.6%	354.71	1.0%	362.17	2.1%
32	4,750	85	0.5%	98.0%		306.34	6.45	319.37	4.3%	6.72	319.02	4.1%	343.81	7.8%	356.13	3.6%	368.80	3.6%	372.55	1.0%	380.41	2.1%
33	5,000	76	0.4%	98.4%		322.73	6.45	334.72	3.7%	6.69	335.47	3.9%	360.85	7.6%	373.37	3.5%	386.44	3.5%	390.38	1.0%	398.66	2.1%
34	5,250	54	0.3%	98.7%		339.12	6.46	350.06	3.2%	6.67	351.92	3.8%	377.89	7.4%	390.60	3.4%	404.08	3.5%	408.22	1.0%	416.91	2.1%
35	5,500	42	0.2%	99.0%		355.51	6.46	365.41	2.8%	6.64	368.37	3.6%	394.93	7.2%	407.84	3.3%	421.72	3.4%	426.05	1.0%	435.16	2.1%
36	5,750	33	0.2%	99.2%		371.90	6.47	380.76	2.4%	6.62	384.83	3.5%	411.97	7.1%	425.07	3.2%	439.36	3.4%	443.89	1.0%	453.41	2.1%
37	6,000	27	0.2%	99.3%		388.29	6.47	396.10	2.0%	6.60	401.28	3.3%	429.01	6.9%	442.31	3.1%	456.99	3.3%	461.72	1.0%	471.66	2.2%
38	6,250	24	0.1%	99.5%		404.68	6.47	411.45	1.7%	6.58	417.73	3.2%	446.05	6.8%	459.54	3.0%	474.63	3.3%	479.56	1.0%	489.91	2.2%
39	6,500	16	0.1%	99.5%		421.07	6.48	426.80	1.4%	6.57	434.18	3.1%	463.09	6.7%	476.78	3.0%	492.27	3.2%	497.39	1.0%	508.16	2.2%
40	6,750	13	0.1%	99.6%		437.46	6.48	442.14	1.1%	6.55	450.63	3.0%	480.13	6.5%	494.01	2.9%	509.91	3.2%	515.23	1.0%	526.41	2.2%
41	7,000-8,000	41	0.2%	99.9%		519.41	6.49	518.88	-0.1%	6.49	532.89	2.6%	565.33	6.1%	580.18	2.6%	598.10	3.1%	604.40	1.1%	617.65	2.2%
42	8,001-9,000	11	0.1%	99.9%		584.97	6.50	580.26	-0.8%	6.45	598.70	2.3%	633.48	5.8%	649.12	2.5%	668.65	3.0%	675.74	1.1%	690.65	2.2%
43	9,001-10,000	4	0.0%	100.0%		650.53	6.51	641.65	-1.4%	6.42	664.51	2.1%	701.64	5.6%	718.06	2.3%	739.20	2.9%	747.08	1.1%	763.65	2.2%
44	>10,000	8	0.0%	100.0%		650.53	6.51	641.65	-1.4%	6.42	664.51	2.1%	701.64	5.6%	718.06	2.3%	739.20	2.9%	747.08	1.1%	763.65	2.2%
45		17,029																				

Note: Based on 2012 billing data.

# DRAFT

Okanogan County PUD  
2013 Bill Frequency Analysis

DRAFT Rate Adjustment Impact Assessment - Option 3A

District Customer Class Estimated Monthly Bills

(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W)

## Schedule No. 3A - Small General Service

Line No.	kWh per month	No. of Customers	% of Total	Cum. % of Total		Bill at Current Rates		Bill at Cost of Service		Bill at TY 2013 Proposed		Bill at TY 2014 Proposed		Bill at TY 2015 Proposed		Bill at TY 2016 Proposed		Bill at TY 2017 Proposed		Bill at TY 2018 Proposed	
						Cents per kWh	Percent Change	Cents per kWh	Percent Change	Cents per kWh	Percent Change	Cents per kWh	Percent Change	Cents per kWh	Percent Change	Cents per kWh	Percent Change	Cents per kWh	Percent Change	Cents per kWh	Percent Change
1	0	123	5.98%	6.0%		\$37.00		\$96.54	160.9%	\$40.00	8.1%	\$45.00	12.5%	\$50.00	11.1%	\$50.00	0.0%	\$50.00	0.0%	\$50.00	0.0%
2	250	418	20.23%	26.2%		37.60	15.04	96.54	156.8%	40.66	8.1%	60.89	49.7%	67.12	10.2%	68.06	1.4%	68.70	0.9%	69.11	0.6%
3	500	200	9.68%	35.9%		38.20	7.64	96.54	152.7%	55.96	46.5%	76.77	37.2%	84.24	9.7%	86.13	2.2%	87.40	1.5%	88.23	0.9%
4	750	145	7.03%	42.9%		53.44	7.13	96.54	80.7%	71.26	33.4%	92.66	30.0%	101.37	9.4%	104.19	2.8%	106.10	1.8%	107.34	1.2%
5	1,000	130	6.31%	49.2%		68.68	6.87	96.54	40.6%	86.56	26.0%	108.55	25.4%	118.49	9.2%	122.25	3.2%	124.80	2.1%	126.46	1.3%
6	1,500	212	10.27%	59.5%		99.15	6.61	116.76	17.8%	117.16	18.2%	140.32	19.8%	152.73	8.8%	158.38	3.7%	162.20	2.4%	164.69	1.5%
7	2,000	156	7.56%	67.1%	Avg.	129.63	6.48	144.99	11.9%	147.76	14.0%	172.10	16.5%	186.98	8.6%	194.50	4.0%	199.60	2.6%	202.91	1.7%
8	2,500	115	5.58%	72.6%		160.10	6.40	173.21	8.2%	178.36	11.4%	203.87	14.3%	221.22	8.5%	230.63	4.3%	237.00	2.8%	241.14	1.7%
9	3,000	98	4.74%	77.4%		190.58	6.35	201.44	5.7%	208.96	9.6%	235.65	12.8%	255.46	8.4%	266.76	4.4%	274.40	2.9%	279.37	1.8%
10	3,500	69	3.33%	80.7%		221.05	6.32	229.66	3.9%	239.56	8.4%	267.42	11.6%	289.71	8.3%	302.88	4.5%	311.80	2.9%	317.60	1.9%
11	4,000	60	2.91%	83.6%		251.53	6.29	257.89	2.5%	270.15	7.4%	299.20	10.7%	323.95	8.3%	339.01	4.6%	349.20	3.0%	355.83	1.9%
12	4,500	43	2.09%	85.7%		282.00	6.27	286.11	1.5%	300.75	6.6%	330.97	10.0%	358.19	8.2%	375.14	4.7%	386.60	3.1%	394.06	1.9%
13	5,000	42	2.04%	87.7%		312.48	6.25	314.34	0.6%	331.35	6.0%	362.74	9.5%	392.44	8.2%	411.26	4.8%	424.00	3.1%	432.28	2.0%
14	5,500	34	1.62%	89.4%		342.95	6.24	342.56	-0.1%	361.95	5.5%	394.52	9.0%	426.68	8.2%	447.39	4.9%	461.40	3.1%	470.51	2.0%
15	6,000	26	1.25%	90.6%		373.43	6.22	370.79	-0.7%	392.55	5.1%	426.29	8.6%	460.93	8.1%	483.51	4.9%	498.80	3.2%	508.74	2.0%
16	6,500	28	1.35%	92.0%		403.90	6.21	399.01	-1.2%	423.15	4.8%	458.07	8.3%	495.17	8.1%	519.64	4.9%	536.20	3.2%	546.97	2.0%
17	7,000	19	0.94%	92.9%		434.38	6.21	427.24	-1.6%	453.75	4.5%	489.84	8.0%	529.41	8.1%	555.77	5.0%	573.60	3.2%	585.20	2.0%
18	7,500	21	1.01%	93.9%		464.85	6.20	455.46	-2.0%	484.35	4.2%	521.62	7.7%	563.66	8.1%	591.89	5.0%	611.00	3.2%	623.43	2.0%
19	8,000	17	0.82%	94.7%		495.33	6.19	483.69	-2.3%	514.95	4.0%	553.39	7.5%	597.90	8.0%	628.02	5.0%	648.40	3.2%	661.65	2.0%
20	8,500	13	0.63%	95.4%		525.80	6.19	511.91	-2.6%	545.54	3.8%	585.17	7.3%	632.15	8.0%	664.14	5.1%	685.80	3.3%	699.88	2.1%
21	9,000	12	0.57%	95.9%		556.28	6.18	540.13	-2.9%	576.14	3.6%	616.94	7.1%	666.39	8.0%	700.27	5.1%	723.20	3.3%	738.11	2.1%
22	9,500	12	0.60%	96.5%		586.75	6.18	568.36	-3.1%	598	3.4%	648.71	6.9%	700.63	8.0%	736.40	5.1%	760.60	3.3%	776.34	2.1%
23	10,000	10	0.50%	97.0%		617.23	6.17	596.58	-3.3%	597	3.3%	680.49	6.8%	734.88	8.0%	772.52	5.1%	798.00	3.3%	814.57	2.1%
24	11,000	15	0.72%	97.7%		678.18	6.17	653.03	-3.7%	594	3.0%	744.04	6.5%	803.37	8.0%	844.78	5.2%	872.80	3.3%	891.02	2.1%
25	12,000	12	0.58%	98.3%		739.13	6.16	709.48	-4.0%	591	2.8%	807.59	6.3%	871.85	8.0%	917.03	5.2%	947.60	3.3%	967.48	2.1%
26	13,000	6	0.31%	98.6%		800.08	6.15	765.93	-4.3%	589	2.6%	871.13	6.1%	940.34	7.9%	989.28	5.2%	1,022.40	3.3%	1,043.94	2.1%
27	14,000	5	0.26%	98.9%		861.03	6.15	822.38	-4.5%	587	2.5%	934.68	6.0%	1,008.83	7.9%	1,061.53	5.2%	1,097.20	3.4%	1,120.39	2.1%
28	15,000	5	0.23%	99.1%		921.98	6.15	878.83	-4.7%	586	2.3%	998.23	5.8%	1,077.32	7.9%	1,133.78	5.2%	1,172.00	3.4%	1,196.85	2.1%
29	16,000	4	0.18%	99.3%		982.93	6.14	935.28	-4.8%	585	2.2%	1,061.78	5.7%	1,145.80	7.9%	1,206.04	5.3%	1,246.80	3.4%	1,273.31	2.1%
30	17,000	3	0.12%	99.4%		1,043.88	6.14	991.73	-5.0%	583	2.1%	1,125.33	5.6%	1,214.29	7.9%	1,278.29	5.3%	1,321.60	3.4%	1,349.76	2.1%
31	18,000	3	0.14%	99.6%		1,104.83	6.14	1,048.18	-5.1%	582	2.0%	1,188.88	5.5%	1,282.78	7.9%	1,350.54	5.3%	1,396.40	3.4%	1,426.22	2.1%
32	19,000	2	0.08%	99.6%		1,165.78	6.14	1,104.63	-5.2%	581	1.9%	1,252.43	5.4%	1,351.27	7.9%	1,422.79	5.3%	1,471.20	3.4%	1,502.68	2.1%
33	20,000	2	0.10%	99.7%		1,226.73	6.13	1,161.08	-5.4%	581	1.8%	1,315.98	5.3%	1,419.75	7.9%	1,495.05	5.3%	1,546.00	3.4%	1,579.13	2.1%
34	21,000	1	0.05%	99.8%		1,287.68	6.13	1,217.53	-5.4%	580	1.8%	1,379.53	5.3%	1,488.24	7.9%	1,567.30	5.3%	1,620.80	3.4%	1,655.59	2.1%
35	22,000	1	0.06%	99.9%		1,348.63	6.13	1,273.98	-5.5%	579	1.7%	1,443.07	5.2%	1,556.73	7.9%	1,639.55	5.3%	1,695.60	3.4%	1,732.05	2.1%
36	23,000	1	0.04%	99.9%		1,409.58	6.13	1,330.43	-5.6%	578	1.7%	1,506.62	5.1%	1,625.22	7.9%	1,711.80	5.3%	1,770.40	3.4%	1,808.50	2.2%
37	24,000	1	0.04%	99.9%		1,470.53	6.13	1,386.88	-5.7%	578	1.6%	1,570.17	5.1%	1,693.71	7.9%	1,784.06	5.3%	1,845.21	3.4%	1,884.96	2.2%
38	25,000	1	0.03%	100.0%		1,531.48	6.13	1,443.33	-5.8%	577	1.6%	1,633.72	5.0%	1,762.19	7.9%	1,856.31	5.3%	1,920.01	3.4%	1,961.42	2.2%
39	26,000	0	0.00%	100.0%		1,592.43	6.12	1,499.78	-5.8%	577	1.5%	1,697.27	5.0%	1,830.68	7.9%	1,928.56	5.3%	1,994.81	3.4%	2,037.87	2.2%
40	27,000	0	0.01%	100.0%		1,653.38	6.12	1,556.23	-5.9%	576	1.5%	1,760.82	5.0%	1,899.17	7.9%	2,000.81	5.4%	2,069.61	3.4%	2,114.33	2.2%
41	28,000	0	0.00%	100.0%		1,714.33	6.12	1,612.68	-5.9%	576	1.4%	1,824.37	4.9%	1,967.66	7.9%	2,073.06	5.4%	2,144.41	3.4%	2,190.79	2.2%
42	29,000	0	0.01%	100.0%		1,775.28	6.12	1,669.13	-6.0%	576	1.4%	1,887.92	4.9%	2,036.14	7.9%	2,145.32	5.4%	2,219.21	3.4%	2,267.24	2.2%
43	30,000	0	0.01%	100.0%		1,836.23	6.12	1,725.58	-6.0%	575	1.4%	1,951.47	4.8%	2,104.63	7.8%	2,217.57	5.4%	2,294.01	3.4%	2,343.70	2.2%
						2,064															

Note: Based on 2012 billing data.





# DRAFT

Okanogan County PUD  
2013 Bill Frequency Analysis

DRAFT Rate Adjustment Impact Assessment - Option 3A

District Customer Class Estimated Monthly Bills

(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W)

## Schedule No. 4 - Primary Industrial Service

Line No.	kWh per month	No. of Customers	kW per Month	Load Factor	Power Factor	Bill at Current Rates	Cents per kWh	Bill at Cost of Service	Percent Change	Cents per kWh	Bill at TY 2013 Proposed	Percent Change	Bill at TY 2014 Proposed	Percent Change	Bill at TY 2015 Proposed	Percent Change	Bill at TY 2016 Proposed	Percent Change	Bill at TY 2017 Proposed	Percent Change	Bill at TY 2018 Proposed	Percent Change
1	25,000	0	68	50.0%		\$6,543	26.17	\$9,837	50.4%	39.35	\$7,142	9.2%	\$7,811	9.4%	\$8,454	8.2%	\$8,540	1.0%	\$8,596	0.7%	\$8,637	0.5%
2	50,000	0	137	50.0%		7,511	15.02	9,837	31.0%	19.67	8,204	9.2%	9,032	10.1%	9,809	8.6%	9,979	1.7%	10,092	1.1%	10,175	0.8%
3	75,000	0	205	50.0%		8,478	11.30	9,837	16.0%	13.12	9,267	9.3%	10,254	10.7%	11,163	8.9%	11,419	2.3%	11,588	1.5%	11,712	1.1%
4	100,000	0	274	50.0%		9,446	9.45	9,837	4.1%	9.84	10,329	9.3%	11,475	11.1%	12,518	9.1%	12,858	2.7%	13,084	1.8%	13,250	1.3%
5	125,000	0	342	50.0%		10,414	8.33	9,837	-5.5%	7.87	11,391	9.4%	12,696	11.5%	13,872	9.3%	14,298	3.1%	14,580	2.0%	14,787	1.4%
6	150,000	0	411	50.0%		11,382	7.59	9,837	-13.6%	6.56	12,453	9.4%	13,917	11.8%	15,227	9.4%	15,737	3.4%	16,076	2.2%	16,325	1.5%
7	175,000	0	479	50.0%		12,349	7.06	9,837	-20.3%	5.62	13,515	9.4%	15,139	12.0%	16,581	9.5%	17,177	3.6%	17,572	2.3%	17,862	1.6%
8	200,000	0	548	50.0%		13,317	6.66	9,837	-26.1%	4.92	14,578	9.5%	16,360	12.2%	17,936	9.6%	18,616	3.8%	19,068	2.4%	19,399	1.7%
9	225,000	1	356	86.7%	0.0%	14,285	6.35	9,837	-31.1%	4.37	15,640	9.5%	17,581	12.4%	19,290	9.7%	20,056	4.0%	20,564	2.5%	20,937	1.8%
10	250,000	0	685	50.0%		15,253	6.10	10,774	-29.4%	4.31	16,702	9.5%	18,802	12.6%	20,644	9.8%	21,496	4.1%	22,060	2.6%	22,474	1.9%
11	275,000	0	753	50.0%		16,220	5.90	11,847	-27.0%	4.31	17,764	9.5%	20,023	12.7%	21,999	9.9%	22,935	4.3%	23,556	2.7%	24,012	1.9%
12	300,000	0	822	50.0%		17,188	5.73	12,920	-24.8%	4.31	18,826	9.5%	21,245	12.8%	23,353	9.9%	24,375	4.4%	25,052	2.8%	25,549	2.0%
13	325,000	0	890	50.0%		18,156	5.59	13,994	-22.9%	4.31	19,889	9.5%	22,466	13.0%	24,708	10.0%	25,814	4.5%	26,548	2.8%	27,086	2.0%
14	350,000	1	1,304	36.8%	96.0%	20,795	5.94	16,968	-18.4%	4.85	22,774	9.5%	25,662	12.7%	28,189	9.8%	29,381	4.2%	30,171	2.7%	30,751	1.9%
15	375,000	0	1,027	50.0%		20,242	5.40	16,140	-20.3%	4.30	22,177	9.6%	25,086	13.1%	27,608	10.1%	28,885	4.6%	29,732	2.9%	30,353	2.1%
16	400,000	0	1,096	50.0%		21,586	5.40	17,214	-20.3%	4.30	23,650	9.6%	26,753	13.1%	29,442	10.1%	30,804	4.6%	31,707	2.9%	32,370	2.1%
17	425,000	0	1,164	50.0%		22,931	5.40	18,287	-20.3%	4.30	25,124	9.6%	28,419	13.1%	31,276	10.1%	32,723	4.6%	33,683	2.9%	34,387	2.1%
18	450,000	0	1,233	50.0%		24,275	5.39	19,360	-20.2%	4.30	26,597	9.6%	30,086	13.1%	33,110	10.1%	34,642	4.6%	35,658	2.9%	36,404	2.1%
19	475,000	0	1,301	50.0%		25,620	5.39	20,433	-20.2%	4.30	28,070	9.6%	31,752	13.1%	34,944	10.1%	36,561	4.6%	37,634	2.9%	38,421	2.1%
20	500,000	0	1,370	50.0%		26,964	5.39	21,507	-20.2%	4.30	29,543	9.6%	33,419	13.1%	36,778	10.1%	38,480	4.6%	39,609	2.9%	40,437	2.1%
21	525,000	0	1,438	50.0%		28,309	5.39	22,580	-20.2%	4.30	31,016	9.6%	35,085	13.1%	38,612	10.1%	40,399	4.6%	41,585	2.9%	42,454	2.1%
22	550,000	0	1,507	50.0%		29,653	5.39	23,653	-20.2%	4.30	32,489	9.6%	36,751	13.1%	40,446	10.1%	42,318	4.6%	43,560	2.9%	44,471	2.1%
23	575,000	0	1,575	50.0%		30,998	5.39	24,727	-20.2%	4.30	33,963	9.6%	38,418	13.1%	42,280	10.1%	44,237	4.6%	45,536	2.9%	46,488	2.1%
24	600,000	0	1,644	50.0%		32,342	5.39	25,800	-20.2%	4.30	35,436	9.6%	40,084	13.1%	44,113	10.1%	46,156	4.6%	47,511	2.9%	48,505	2.1%
25	625,000	0	1,712	50.0%		33,687	5.39	26,873	-20.2%	4.30	36,909	9.6%	41,751	13.1%	45,947	10.1%	48,075	4.6%	49,486	2.9%	50,522	2.1%
26	650,000	0	1,781	50.0%		35,031	5.39	27,946	-20.2%	4.30	38,382	9.6%	43,417	13.1%	47,781	10.1%	49,994	4.6%	51,462	2.9%	52,539	2.1%
27	675,000	0	1,849	50.0%		36,375	5.39	29,020	-20.2%	4.30	39,855	9.6%	45,084	13.1%	49,615	10.1%	51,913	4.6%	53,437	2.9%	54,555	2.1%
28	700,000	0	1,918	50.0%		37,720	5.39	30,093	-20.2%	4.30	41,328	9.6%	46,750	13.1%	51,449	10.1%	53,832	4.6%	55,413	2.9%	56,572	2.1%
29	725,000	0	1,986	50.0%		39,064	5.39	31,166	-20.2%	4.30	42,802	9.6%	48,416	13.1%	53,283	10.1%	55,751	4.6%	57,388	2.9%	58,589	2.1%
30	750,000	0	2,055	50.0%		40,409	5.39	32,240	-20.2%	4.30	44,275	9.6%	50,083	13.1%	55,117	10.1%	57,670	4.6%	59,364	2.9%	60,606	2.1%
31	775,000	0	2,123	50.0%		41,753	5.39	33,313	-20.2%	4.30	45,748	9.6%	51,749	13.1%	56,951	10.1%	59,589	4.6%	61,339	2.9%	62,623	2.1%
32	800,000	0	2,192	50.0%		43,098	5.39	34,386	-20.2%	4.30	47,221	9.6%	53,416	13.1%	58,785	10.1%	61,508	4.6%	63,315	2.9%	64,640	2.1%
33	825,000	0	2,260	50.0%		44,442	5.39	35,460	-20.2%	4.30	48,694	9.6%	55,082	13.1%	60,619	10.1%	63,427	4.6%	65,290	2.9%	66,657	2.1%
34	850,000	0	2,329	50.0%		45,787	5.39	36,533	-20.2%	4.30	50,167	9.6%	56,748	13.1%	62,452	10.1%	65,346	4.6%	67,266	2.9%	68,674	2.1%
35	875,000	0	2,397	50.0%		47,131	5.39	37,606	-20.2%	4.30	51,640	9.6%	58,415	13.1%	64,286	10.1%	67,265	4.6%	69,241	2.9%	70,690	2.1%
36	900,000	0	2,466	50.0%		48,476	5.39	38,679	-20.2%	4.30	53,114	9.6%	60,081	13.1%	66,120	10.1%	69,184	4.6%	71,216	2.9%	72,707	2.1%
37	925,000	0	2,534	50.0%		49,820	5.39	39,753	-20.2%	4.30	54,587	9.6%	61,748	13.1%	67,954	10.1%	71,103	4.6%	73,192	2.9%	74,724	2.1%
38	950,000	0	2,603	50.0%		51,165	5.39	40,826	-20.2%	4.30	56,060	9.6%	63,414	13.1%	69,788	10.1%	73,022	4.6%	75,167	2.9%	76,741	2.1%
39	975,000	0	2,671	50.0%		52,509	5.39	41,899	-20.2%	4.30	57,533	9.6%	65,081	13.1%	71,622	10.1%	74,941	4.6%	77,143	2.9%	78,758	2.1%
40	1,000,000	1	1,776	77.1%	81.9%	48,551	4.86	37,660	-22.4%	3.77	53,222	9.6%	60,481	13.6%	66,707	10.3%	70,112	5.1%	72,370	3.2%	74,026	2.3%

3

Note: Schedule No. 4 only serves three customers. Other usage levels are shown for reference. This analysis does not include the customer served under the "New Single Large Load" customer class.

# DRAFT

## Okanogan County PUD 2013 Bill Frequency Analysis

### DRAFT Rate Adjustment Impact Assessment - Option 3A

#### District Customer Class Estimated Monthly Bills

(A) (B) (C) (D) (E) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y)

### Schedule No. 6 - Irrigation

Line No.	kWh per month	No. of Customers	% of Total	Cum. % of Total	kW per Month	Load Factor	Bill at Current Rates	Cents per kWh	Bill at Cost of Service	Percent Change	Cents per kWh	Bill at TY 2013 Proposed	Percent Change	Bill at TY 2014 Proposed	Percent Change	Bill at TY 2015 Proposed	Percent Change	Bill at TY 2016 Proposed	Percent Change	Bill at TY 2017 Proposed	Percent Change	Bill at TY 2018 Proposed	Percent Change
1	0	244	19.2%	19.2%	0	50.0%	\$12.00		\$39.74	231.2%		\$12.00	0.0%	\$15.00	25.0%	\$17.50	16.7%	\$20.00	14.3%	\$20.00	0.0%	\$20.00	0.0%
2	500	285	22.4%	41.6%	1	50.0%	35.91	7.18	67.89	89.1%	13.58	36.03	0.3%	44.69	24.0%	50.09	12.1%	54.08	8.0%	55.02	1.7%	55.85	1.5%
3	1,000	99	7.8%	49.5%	3	50.0%	59.82	5.98	96.04	60.6%	9.60	60.07	0.4%	74.39	23.8%	82.68	11.1%	88.16	6.6%	90.04	2.1%	91.70	1.8%
4	1,500	79	6.2%	55.7%	4	50.0%	83.73	5.58	124.20	48.3%	8.28	84.10	0.4%	104.08	23.8%	115.26	10.7%	122.24	6.1%	125.06	2.3%	127.54	2.0%
5	2,000	56	4.4%	60.1%	5	50.0%	107.64	5.38	152.35	41.5%	7.62	108.13	0.5%	133.78	23.7%	147.85	10.5%	156.32	5.7%	160.08	2.4%	163.39	2.1%
6	2,500	56	4.4%	64.5%	7	50.0%	131.55	5.26	180.50	37.2%	7.22	132.17	0.5%	163.47	23.7%	180.44	10.4%	190.40	5.5%	195.10	2.5%	199.24	2.1%
7	3,000	44	3.5%	68.0%	8	50.0%	155.46	5.18	208.65	34.2%	6.95	156.20	0.5%	193.16	23.7%	213.03	10.3%	224.48	5.4%	230.12	2.5%	235.09	2.2%
8	3,500	35	2.8%	70.8%	10	50.0%	179.37	5.12	236.80	32.0%	6.77	180.23	0.5%	222.86	23.6%	245.62	10.2%	258.56	5.3%	265.14	2.5%	270.93	2.2%
9	4,000	31	2.4%	73.2%	11	50.0%	203.28	5.08	264.95	30.3%	6.62	204.27	0.5%	252.55	23.6%	278.21	10.2%	292.64	5.2%	300.16	2.6%	306.78	2.2%
10	4,500	25	2.0%	75.2%	12	50.0%	227.19	5.05	293.10	29.0%	6.51	228.30	0.5%	282.25	23.6%	310.79	10.1%	326.72	5.1%	335.18	2.6%	342.63	2.2%
11	5,000	24	1.9%	77.1%	14	50.0%	251.10	5.02	321.25	27.9%	6.43	252.34	0.5%	311.94	23.6%	343.38	10.1%	360.81	5.1%	370.19	2.6%	378.48	2.2%
12	5,500	22	1.7%	78.8%	15	50.0%	275.01	5.00	349.41	27.1%	6.35	276.37	0.5%	341.63	23.6%	375.97	10.1%	394.89	5.0%	405.21	2.6%	414.33	2.2%
13	6,000	18	1.4%	80.2%	16	50.0%	298.92	4.98	377.56	26.3%	6.29	300.40	0.5%	371.33	23.6%	408.56	10.0%	428.97	5.0%	440.23	2.6%	450.17	2.3%
14	6,500	16	1.3%	81.5%	18	50.0%	322.82	4.97	405.71	25.7%	6.24	324.44	0.5%	401.02	23.6%	441.15	10.0%	463.05	5.0%	475.25	2.6%	486.02	2.3%
15	7,000	15	1.2%	82.7%	19	50.0%	346.73	4.95	433.86	25.1%	6.20	348.47	0.5%	430.72	23.6%	473.74	10.0%	497.13	4.9%	510.27	2.6%	521.87	2.3%
16	7,500	13	1.0%	83.7%	21	50.0%	370.64	4.94	462.01	24.7%	6.16	372.50	0.5%	460.41	23.6%	506.32	10.0%	531.21	4.9%	545.29	2.7%	557.72	2.3%
17	8,000	12	0.9%	84.6%	22	50.0%	394.55	4.93	490.16	24.2%	6.13	396.54	0.5%	490.10	23.6%	538.91	10.0%	565.29	4.9%	580.31	2.7%	593.56	2.3%
18	8,500	12	0.9%	85.6%	23	50.0%	418.46	4.92	518.31	23.9%	6.10	420.57	0.5%	519.80	23.6%	571.50	9.9%	599.37	4.9%	615.33	2.7%	629.41	2.3%
19	9,000	12	0.9%	86.5%	25	50.0%	442.37	4.92	546.46	23.5%	6.07	444.60	0.5%	549.49	23.6%	604.09	9.9%	633.45	4.9%	650.35	2.7%	665.26	2.3%
20	9,500	9	0.7%	87.2%	26	50.0%	466.28	4.91	574.61	23.2%	6.05	468.64	0.5%	579.18	23.6%	636.68	9.9%	667.53	4.8%	685.37	2.7%	701.11	2.3%
21	10,000	8	0.7%	87.8%	27	50.0%	490.19	4.90	602.77	23.0%	6.03	492.67	0.5%	608.88	23.6%	669.27	9.9%	701.61	4.8%	720.39	2.7%	736.95	2.3%
22	25,000	99	7.8%	95.7%	68	50.0%	1,207.48	4.83	1,447.30	19.9%	5.79	1,213.68	0.5%	1,499.70	23.6%	1,646.92	9.8%	1,724.03	4.7%	1,770.97	2.7%	1,812.39	2.3%
23	40,000	19	1.5%	97.2%	110	50.0%	1,924.77	4.81	2,291.83	19.1%	5.73	1,934.68	0.5%	2,390.52	23.6%	2,624.57	9.8%	2,746.44	4.6%	2,821.56	2.7%	2,887.82	2.3%
24	55,000	9	0.7%	97.9%	151	50.0%	2,642.05	4.80	3,136.37	18.7%	5.70	2,655.69	0.5%	3,281.33	23.6%	3,602.22	9.8%	3,768.86	4.6%	3,872.14	2.7%	3,963.25	2.4%
25	70,000	5	0.4%	98.3%	192	50.0%	3,359.34	4.80	3,980.90	18.5%	5.69	3,376.69	0.5%	4,172.15	23.6%	4,579.86	9.8%	4,791.27	4.6%	4,922.73	2.7%	5,038.68	2.4%
26	85,000	4	0.3%	98.6%	233	50.0%	4,076.63	4.80	4,825.44	18.4%	5.68	4,097.70	0.5%	5,062.97	23.6%	5,557.51	9.8%	5,813.69	4.6%	5,973.31	2.7%	6,114.11	2.4%
27	100,000	3	0.2%	98.9%	274	50.0%	4,793.92	4.79	5,669.97	18.3%	5.67	4,818.70	0.5%	5,953.79	23.6%	6,535.16	9.8%	6,836.11	4.6%	7,023.90	2.7%	7,189.55	2.4%
28	115,000	1	0.1%	99.0%	315	50.0%	5,511.21	4.79	6,514.50	18.2%	5.66	5,539.71	0.5%	6,844.61	23.6%	7,512.81	9.8%	7,858.52	4.6%	8,074.48	2.7%	8,264.98	2.4%
29	130,000	1	0.1%	99.1%	356	50.0%	6,228.49	4.79	7,359.04	18.2%	5.66	6,260.72	0.5%	7,735.42	23.6%	8,490.46	9.8%	8,880.94	4.6%	9,125.07	2.7%	9,340.41	2.4%
30	145,000	2	0.2%	99.2%	397	50.0%	6,945.78	4.79	8,203.57	18.1%	5.66	6,981.72	0.5%	8,626.24	23.6%	9,468.11	9.8%	9,903.35	4.6%	10,175.65	2.7%	10,415.84	2.4%
31	160,000	1	0.0%	99.3%	438	50.0%	7,663.07	4.79	9,048.11	18.1%	5.66	7,702.73	0.5%	9,517.06	23.6%	10,445.76	9.8%	10,925.77	4.6%	11,226.24	2.8%	11,491.27	2.4%
32	175,000	1	0.1%	99.4%	479	50.0%	8,380.36	4.79	9,892.64	18.0%	5.65	8,423.73	0.5%	10,407.88	23.6%	11,423.41	9.8%	11,948.19	4.6%	12,276.82	2.8%	12,566.71	2.4%
33	190,000	0	0.0%	99.4%	521	50.0%	9,097.64	4.79	10,737.17	18.0%	5.65	9,144.74	0.5%	11,298.70	23.6%	12,401.06	9.8%	12,970.60	4.6%	13,327.41	2.8%	13,642.14	2.4%
34	205,000	1	0.1%	99.5%	562	50.0%	9,814.93	4.79	11,581.71	18.0%	5.65	9,865.74	0.5%	12,189.52	23.6%	13,378.71	9.8%	13,993.02	4.6%	14,377.99	2.8%	14,717.57	2.4%
35	220,000	1	0.1%	99.5%	603	50.0%	10,532.22	4.79	12,426.24	18.0%	5.65	10,586.75	0.5%	13,080.33	23.6%	14,356.36	9.8%	15,015.43	4.6%	15,428.58	2.8%	15,793.00	2.4%
36	235,000	0	0.0%	99.6%	644	50.0%	11,249.51	4.79	13,270.78	18.0%	5.65	11,307.76	0.5%	13,971.15	23.6%	15,334.01	9.8%	16,037.85	4.6%	16,479.16	2.8%	16,868.43	2.4%
37	>250,000	6	0.4%	100.0%	685	50.0%	11,966.79	5.09	14,115.31	18.0%	6.01	12,028.76	0.5%	14,861.97	23.6%	16,311.66	9.8%	17,060.27	4.6%	17,529.74	2.8%	17,943.87	2.4%
		1,270																					

Note: Based on 2012 billing data.

# DRAFT

Okanogan County PUD  
2013 Bill Frequency Analysis

DRAFT Rate Adjustment Impact Assessment - Option 3A

District Customer Class Estimated Monthly Bills

(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X)

## Schedule No. 7 - Frost Control

Line No.	Annual kWh	No. of Customers	% of Total	Cum. % of Total	Avg HP	kW per Month	Bill at Current Rates	Cents per kWh	Bill at Cost of Service	Percent Change	Cents per kWh	Bill at TY 2013 Proposed	Percent Change	Bill at TY 2014 Proposed	Percent Change	Bill at TY 2015 Proposed	Percent Change	Bill at TY 2016 Proposed	Percent Change	Bill at TY 2017 Proposed	Percent Change	Bill at TY 2018 Proposed	Percent Change
1	0	14	9.8%	9.8%	24.0	0.0	\$108.00		\$132.70	22.9%		\$108.00	0.0%	\$120.00	11.1%	\$130.00	8.3%	\$130.00	0.0%	\$130.00	0.0%	\$130.00	0.0%
2	500	24	16.8%	26.6%	70.3	41.5	331.98	66.40	397.64	19.8%	0.04	332.10	0.0%	323.64	-2.5%	377.94	16.8%	381.74	1.0%	384.63	0.8%	385.46	0.2%
3	1,000	8	5.6%	32.2%	65.6	54.0	326.45	32.65	380.62	16.6%	0.02	326.70	0.1%	396.76	21.4%	466.37	17.5%	473.97	1.6%	479.75	1.2%	481.40	0.3%
4	1,500	22	15.4%	47.6%	84.1	72.4	425.12	28.34	491.60	15.6%	0.01	425.49	0.1%	496.38	16.7%	587.17	18.3%	598.58	1.9%	607.24	1.4%	609.73	0.4%
5	2,000	14	9.8%	57.3%	85.7	72.1	447.99	22.40	509.47	13.7%	0.01	448.49	0.1%	511.93	14.1%	605.23	18.2%	620.43	2.5%	631.99	1.9%	635.30	0.5%
6	2,500	13	9.1%	66.4%	103.9	87.4	545.50	21.82	619.03	13.5%	0.01	546.12	0.1%	597.64	9.4%	709.03	18.6%	728.04	2.7%	742.49	2.0%	746.63	0.6%
7	3,000	8	5.6%	72.0%	85.6	67.9	478.73	15.96	526.75	10.0%	0.00	479.48	0.2%	526.55	9.8%	621.20	18.0%	644.01	3.7%	661.34	2.7%	666.31	0.8%
8	3,500	8	5.6%	77.6%	96.9	83.8	544.93	15.57	597.84	9.7%	0.00	545.80	0.2%	615.19	12.7%	728.58	18.4%	755.20	3.7%	775.42	2.7%	781.22	0.7%
9	4,000	4	2.8%	80.4%	218.8	174.8	1,108.94	27.72	1,280.58	15.5%	0.00	1,109.93	0.1%	1,041.43	-6.2%	1,248.60	19.9%	1,279.02	2.4%	1,302.13	1.8%	1,308.76	0.5%
10	4,500	4	2.8%	83.2%	83.8	78.9	517.01	11.49	543.06	5.0%	0.00	518.12	0.2%	626.99	21.0%	741.11	18.2%	775.33	4.6%	801.33	3.4%	808.78	0.9%
11	5,000	2	1.4%	84.6%	76.0	41.7	497.70	9.95	509.10	2.3%	0.00	498.94	0.2%	476.16	-4.6%	555.82	16.7%	593.84	6.8%	622.73	4.9%	631.01	1.3%
12	5,500	4	2.8%	87.4%	100.0	83.7	621.27	11.30	650.68	4.7%	0.00	622.63	0.2%	682.24	9.6%	806.74	18.2%	848.56	5.2%	880.34	3.7%	889.45	1.0%
13	6,000	4	2.8%	90.2%	106.3	69.0	664.97	11.08	694.13	4.4%	0.00	666.45	0.2%	632.98	-5.0%	745.58	17.8%	791.21	6.1%	825.88	4.4%	835.82	1.2%
14	6,500	1	0.7%	90.9%	100.0	86.5	652.41	10.04	668.46	2.5%	0.00	654.02	0.2%	728.73	11.4%	861.67	18.2%	911.09	5.7%	948.65	4.1%	959.42	1.1%
15	7,000	1	0.7%	91.6%	200.0	176.0	1,117.98	15.97	1,230.25	10.0%	0.00	1,119.72	0.2%	1,148.17	2.5%	1,373.36	19.6%	1,426.60	3.9%	1,467.04	2.8%	1,478.64	0.8%
16	7,500	3	2.1%	93.7%	166.7	151.8	983.55	13.11	1,054.84	7.2%	0.00	985.41	0.2%	1,055.93	7.2%	1,259.68	19.3%	1,316.71	4.5%	1,360.04	3.3%	1,372.47	0.9%
17	8,000	2	1.4%	95.1%	200.0	147.0	1,149.12	14.36	1,248.02	8.6%	0.00	1,151.10	0.2%	1,051.41	-8.7%	1,253.20	19.2%	1,314.04	4.9%	1,360.26	3.5%	1,373.51	1.0%
18	9,000	2	1.4%	96.5%	150.0	133.8	955.26	10.61	989.36	3.6%	0.00	957.49	0.2%	1,025.75	7.1%	1,219.94	18.9%	1,288.38	5.6%	1,340.38	4.0%	1,355.29	1.1%
19	9,500	1	0.7%	97.2%	30.0	24.3	430.83	4.54	334.77	-22.3%	0.00	433.18	0.5%	549.69	26.9%	637.14	15.9%	709.38	11.3%	764.27	7.7%	780.01	2.1%
20	>10,001	4	2.8%	100.0%	200.0	172.1	1,211.43	12.11	1,283.60	6.0%	0.00	1,213.91	0.2%	1,231.78	1.5%	1,469.86	19.3%	1,545.91	5.2%	1,603.69	3.7%	1,620.26	1.0%

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Note: Customers served under this rate schedule are billed once annually in June. This analysis shows the estimated annual bill.