

CFC KRTA

**Orcas Power and Light Cooperative
WA009**

06/29/2017

PRODUCED BY: NRUCFC
20701 Cooperative Way
Dulles, VA 20166
1-800-424-2954

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
BASE GROUP (RATIOS 1-5)																
RATIO 1 --- AVERAGE TOTAL CONSUMERS SERVED																
2012	14,685	13,571	813	385	8,654	9	4	13,253	59	5	8,654	41	14	14,641	152	76
2013	14,792	13,715	815	387	10,116	10	4	13,177	60	3	9,536	44	16	14,652	202	101
2014	14,798	13,775	813	392	9,221	10	4	13,128	58	5	9,487	44	16	12,814	111	51
2015	14,933	14,007	811	391	9,345	10	4	13,155	57	2	9,634	44	16	14,058	53	26
2016	15,092	14,310	809	394	10,045	11	5	17,685	98	96	9,896	45	17	11,435	27	12
RATIO 2 --- TOTAL KWH SOLD (1,000)																
2012	195,166	288,425	813	520	303,499	9	6	242,516	59	48	227,694	41	24	283,165	152	100
2013	206,561	293,158	815	521	295,487	10	7	262,816	60	49	266,860	44	26	308,195	202	131
2014	198,232	302,457	813	540	305,083	10	7	262,068	58	50	259,386	44	27	268,607	111	74
2015	191,169	298,933	811	534	302,923	10	7	247,286	57	47	233,789	44	26	348,258	53	41
2016	194,322	304,803	809	532	340,027	11	8	324,562	98	95	251,156	45	27	336,374	27	17
RATIO 3 --- TOTAL UTILITY PLANT (1,000)																
2012	84,265.45	71,815.96	813	349	81,436.05	9	4	73,421.01	59	17	60,739.17	41	15	77,937.80	152	71
2013	88,712.06	74,916.36	815	352	81,593.63	10	5	77,208.45	60	19	61,378.34	44	17	77,827.77	202	93
2014	96,833.59	78,452.15	813	331	86,759.05	10	4	79,038.63	58	11	64,180.02	44	15	78,337.91	111	45
2015	104,002.46	81,534.62	811	319	90,329.57	10	4	80,344.08	57	10	66,599.53	44	15	91,321.03	53	21
2016	118,139.66	85,508.06	809	290	109,553.44	11	4	102,701.33	98	23	70,437.70	45	14	84,632.41	27	10
RATIO 4 --- TOTAL NUMBER OF EMPLOYEES (FULL TIME ONLY)																
2012	50	46	813	381	49	9	4	46	59	26	35	41	14	50	152	78
2013	51	46	815	371	42	10	4	47	60	22	37	44	15	49	202	96
2014	55	46	813	351	43	10	4	44	58	16	36	44	14	48	111	47
2015	52	47	811	371	43	10	4	44	57	18	36	44	14	49	53	25
2016	51	47	809	380	40	11	4	56	98	64	36	45	15	48	27	13
RATIO 5 --- TOTAL MILES OF LINE																
2012	1,321	2,601	813	666	1,302	9	4	2,582	59	56	1,630	41	26	2,471	152	128
2013	1,328	2,607	814	665	1,156	10	4	2,468	60	56	1,579	44	27	2,768	202	171
2014	1,339	2,613	812	663	1,168	10	4	2,275	58	54	1,542	44	27	2,379	111	96
2015	1,339	2,626	810	662	1,182	10	5	2,237	57	53	1,546	44	27	2,626	53	47
2016	1,340	2,646	808	662	1,026	11	5	2,736	98	92	1,457	45	27	2,606	27	22
FINANCIAL (RATIOS 6-32)																
RATIO 6 --- TIER																
2012	2.07	2.42	813	545	2.76	9	7	2.30	59	39	2.52	41	26	2.36	152	99
2013	2.24	2.62	815	545	3.36	10	7	2.82	60	42	2.50	44	27	2.56	202	134
2014	1.13	2.63	813	802	2.76	10	10	2.62	58	56	2.38	44	44	2.82	111	109
2015	2.51	2.48	811	399	3.54	10	7	2.41	57	27	2.36	44	21	2.71	53	33
2016	3.24	2.62	809	244	3.24	11	6	2.71	98	29	2.79	45	19	3.26	27	15

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RATIO 7 --- TIER (2 OF 3 YEAR HIGH AVERAGE)																
2012	4.24	2.62	813	146	3.03	9	3	2.55	59	10	2.76	41	10	2.63	152	24
2013	3.75	2.67	815	200	3.77	10	6	2.68	60	15	2.80	44	18	2.61	202	52
2014	2.15	2.77	813	627	3.34	10	8	2.78	58	41	2.63	44	32	3.05	111	90
2015	2.37	2.76	811	549	3.66	10	7	2.84	57	35	2.59	44	28	3.12	53	42
2016	2.87	2.79	809	372	4.27	11	7	2.85	98	45	2.87	45	23	3.52	27	19
RATIO 8 --- OTIER																
2012	1.84	1.77	813	378	2.04	9	7	1.73	59	24	2.06	41	29	1.77	152	71
2013	1.99	1.94	815	388	2.88	10	7	2.01	60	33	2.08	44	24	1.94	202	96
2014	1.21	1.93	813	753	2.26	10	9	2.00	58	54	1.90	44	42	2.15	111	107
2015	2.34	1.88	811	245	3.13	10	6	1.84	57	19	2.09	44	15	1.96	53	21
2016	3.00	1.94	809	163	3.00	11	6	2.01	98	22	2.29	45	16	2.70	27	12
RATIO 9 --- OTIER (2 OF 3 YEAR HIGH AVERAGE)																
2012	3.86	1.99	813	108	2.63	9	3	1.87	59	5	2.53	41	8	2.04	152	19
2013	3.48	1.98	815	139	3.39	10	5	1.96	60	8	2.43	44	14	2.00	202	38
2014	1.91	2.03	813	477	2.75	10	8	2.02	58	35	2.13	44	33	2.24	111	73
2015	2.17	2.07	811	366	3.04	10	6	2.06	57	26	2.20	44	24	2.27	53	31
2016	2.67	2.10	809	231	3.20	11	7	2.14	98	29	2.40	45	19	2.59	27	13
RATIO 10 --- MODIFIED DSC (MDSC)																
2012	3.10	1.81	813	108	2.33	9	2	1.72	59	5	2.16	41	7	1.87	152	19
2013	3.18	1.87	815	101	2.71	10	4	1.85	60	6	2.05	44	9	1.88	202	27
2014	2.50	1.82	813	162	2.53	10	6	1.91	58	12	2.06	44	15	1.87	111	25
2015	2.65	1.82	811	146	2.63	10	5	1.80	57	10	2.11	44	13	1.88	53	15
2016	3.29	1.83	809	99	2.57	11	4	1.86	98	16	2.47	45	9	2.04	27	5
RATIO 11 --- MDSC (2 OF 3 YEAR HIGH AVERAGE)																
2012	4.16	1.98	813	74	2.42	9	2	1.95	59	6	2.25	41	5	2.01	152	14
2013	4.02	1.94	815	85	2.67	10	3	1.87	60	5	2.26	44	8	1.96	202	20
2014	3.14	1.93	813	120	2.66	10	4	1.92	58	6	2.17	44	9	1.95	111	17
2015	2.92	1.94	811	135	2.73	10	4	1.96	57	10	2.26	44	11	2.08	53	14
2016	2.97	1.94	809	125	2.70	11	4	1.96	98	18	2.30	45	10	2.31	27	6
RATIO 12 --- DEBT SERVICE COVERAGE (DSC)																
2012	3.23	2.08	813	136	2.40	9	3	1.96	59	10	2.25	41	8	2.07	152	23
2013	3.31	2.13	815	128	2.92	10	4	2.16	60	7	2.10	44	10	2.11	202	35
2014	2.46	2.09	813	254	2.44	10	5	2.18	58	22	2.12	44	15	2.22	111	44
2015	2.70	2.02	811	182	2.67	10	5	2.09	57	16	2.14	44	12	2.21	53	19
2016	3.36	2.06	809	111	2.88	11	5	2.08	98	18	2.45	45	11	2.28	27	5

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RATIO 13 --- DSC (2 OF 3 YEAR HIGH AVERAGE)																
2012	4.35	2.24	813	84	2.45	9	2	2.23	59	4	2.37	41	5	2.33	152	15
2013	4.16	2.23	815	96	2.71	10	3	2.21	60	5	2.39	44	8	2.21	202	26
2014	3.27	2.20	813	147	2.78	10	4	2.18	58	10	2.19	44	11	2.33	111	23
2015	3.01	2.18	811	171	2.92	10	4	2.23	57	13	2.24	44	12	2.46	53	18
2016	3.03	2.18	809	152	2.73	11	4	2.17	98	26	2.47	45	11	2.50	27	9
RATIO 14 --- ODSC																
2012	3.09	1.73	813	96	2.26	9	2	1.64	59	5	2.04	41	6	1.80	152	17
2013	3.17	1.79	815	91	2.68	10	4	1.75	60	5	1.91	44	9	1.78	202	26
2014	2.50	1.73	813	143	2.37	10	5	1.79	58	10	1.91	44	12	1.80	111	24
2015	2.62	1.73	811	137	2.57	10	5	1.76	57	10	1.98	44	11	1.84	53	14
2016	3.22	1.75	809	95	2.27	11	4	1.73	98	16	2.19	45	9	2.02	27	5
RATIO 15 --- ODSC (2 OF 3 YEAR HIGH AVERAGE)																
2012	4.14	1.91	813	72	2.19	9	2	1.92	59	5	2.17	41	5	1.95	152	12
2013	4.00	1.87	815	76	2.61	10	3	1.84	60	4	2.17	44	8	1.89	202	20
2014	3.13	1.85	813	109	2.59	10	4	1.84	58	6	2.00	44	9	1.88	111	17
2015	2.89	1.84	811	125	2.70	10	4	1.86	57	8	1.97	44	11	1.95	53	13
2016	2.92	1.84	809	121	2.62	11	4	1.86	98	18	2.12	45	10	2.26	27	6
RATIO 16 --- EQUITY AS A % OF ASSETS																
2012	69.20	42.95	813	65	52.50	9	2	44.30	59	2	49.58	41	7	42.52	152	14
2013	66.52	43.00	815	83	54.57	10	3	46.08	60	2	49.04	44	10	43.23	202	22
2014	58.70	43.92	813	147	54.32	10	4	45.56	58	10	49.53	44	15	45.43	111	23
2015	51.43	44.23	811	233	54.91	10	7	46.07	57	20	48.52	44	20	42.73	53	18
2016	46.82	44.83	809	338	52.40	11	7	45.10	98	41	49.71	45	26	46.82	27	14
RATIO 17 --- DISTRIBUTION EQUITY (EXCLUDES EQUITY IN ASSOC. ORG'S PATRONAGE CAPITAL)																
2012	69.01	35.77	813	55	52.15	9	2	38.70	59	1	49.58	41	7	35.70	152	12
2013	66.32	35.94	815	70	53.90	10	3	39.28	60	1	48.63	44	9	36.15	202	17
2014	58.45	36.31	813	106	53.68	10	4	39.31	58	4	49.34	44	15	37.58	111	16
2015	51.14	36.38	811	163	54.59	10	7	39.33	57	11	47.85	44	20	34.29	53	13
2016	46.49	36.41	809	222	52.01	11	7	35.63	98	28	47.98	45	25	37.38	27	9
RATIO 18 --- EQUITY AS A % OF TOTAL CAPITALIZATION																
2012	72.67	49.37	813	96	63.42	9	2	50.84	59	3	56.16	41	9	48.94	152	22
2013	70.17	49.49	815	114	64.46	10	3	50.78	60	4	55.65	44	13	50.04	202	29
2014	61.92	50.68	813	200	61.11	10	5	52.17	58	17	56.65	44	18	51.50	111	25
2015	54.18	50.19	811	331	62.52	10	7	52.17	57	24	56.71	44	25	49.90	53	23
2016	49.40	50.80	809	442	60.44	11	7	49.83	98	52	56.31	45	32	52.82	27	16

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		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 19 --- LONG TERM DEBT AS A % OF TOTAL ASSETS																
2012	26.03	44.22	807	695	36.92	8	8	42.81	59	55	39.15	40	31	44.50	150	129
2013	28.28	44.29	809	677	35.17	9	7	43.45	60	54	39.68	42	30	44.73	200	165
2014	36.10	43.08	806	557	36.23	9	6	41.72	57	41	39.96	42	26	42.27	111	77
2015	43.49	43.71	805	409	37.24	9	4	43.80	56	29	39.41	42	16	42.86	52	25
2016	47.96	43.16	803	280	41.12	10	5	44.25	97	38	38.71	43	14	42.24	27	9
RATIO 20 --- LONG TERM DEBT PER KWH SOLD (MILLS)																
2012	79.34	109.12	807	555	80.10	8	5	116.15	59	44	80.10	40	21	109.08	150	107
2013	85.06	112.60	809	543	85.06	9	5	121.91	60	44	85.16	42	22	118.73	200	136
2014	126.14	110.81	806	333	84.14	9	4	126.14	57	29	87.69	42	12	119.42	111	51
2015	177.71	116.60	805	173	75.39	9	3	130.85	56	11	96.49	42	7	108.74	52	8
2016	207.03	121.14	803	115	124.72	10	4	125.46	97	11	90.28	43	7	113.09	27	5
RATIO 21 --- LONG TERM DEBT PER CONSUMER (\$)																
2012	1,054.50	2,142.33	807	707	1,709.31	8	8	2,301.95	59	55	1,767.53	40	33	2,161.74	150	131
2013	1,187.84	2,276.62	809	695	1,591.55	9	7	2,452.69	60	56	1,720.91	42	31	2,217.31	200	172
2014	1,689.74	2,293.78	806	581	1,689.74	9	5	2,465.01	57	45	1,891.39	42	23	2,393.61	111	79
2015	2,275.01	2,361.73	805	435	2,133.65	9	4	2,492.54	56	35	2,019.54	42	16	2,528.08	52	33
2016	2,665.74	2,420.17	803	333	2,333.77	10	5	2,308.54	97	34	2,001.80	43	12	3,129.41	27	20
RATIO 22 --- NON-GOVERNMENT DEBT AS A % OF TOTAL LONG TERM DEBT																
2012	17.39	38.85	793	611	100.00	8	6	45.35	57	48	100.00	40	35	37.00	149	112
2013	14.66	39.92	800	672	100.00	9	7	43.51	59	51	100.00	42	38	41.03	197	165
2014	9.87	41.99	798	728	100.00	9	9	40.10	57	56	100.00	42	41	51.00	111	100
2015	25.97	58.26	796	565	100.00	9	7	55.97	56	40	100.00	42	36	93.67	52	42
2016	21.90	59.10	791	652	100.00	9	7	59.23	96	81	100.00	42	39	56.35	27	23
RATIO 23 --- BLENDED INTEREST RATE (%)																
2012	4.94	4.61	806	261	4.93	8	4	4.66	59	21	4.93	40	20	4.63	150	45
2013	4.62	4.47	808	328	4.55	8	4	4.51	60	26	4.62	41	21	4.42	200	77
2014	4.24	4.28	806	420	4.31	8	5	4.35	57	33	4.39	41	29	4.11	110	46
2015	4.06	4.13	804	439	4.21	8	6	4.25	56	37	4.40	41	28	3.96	52	19
2016	3.57	4.06	801	608	4.39	9	7	4.17	96	76	4.21	42	35	3.78	27	20
RATIO 24 --- ANNUAL CAPITAL CREDITS RETIRED PER TOTAL EQUITY (%)																
2012	2.89	2.11	672	204	1.44	8	2	2.18	54	15	3.11	39	21	2.25	124	32
2013	2.89	2.22	680	212	1.71	8	2	2.16	54	17	2.81	41	19	2.35	167	55
2014	3.06	2.30	688	218	1.40	8	2	2.14	50	13	3.06	41	21	2.27	91	24
2015	2.13	2.40	684	392	1.64	8	3	2.10	52	26	3.23	41	27	2.17	45	25
2016	4.73	2.31	690	74	1.65	8	1	2.16	85	6	3.37	40	10	2.15	24	3

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RATIO 25 --- LONG-TERM INTEREST AS A % OF REVENUE																
2012	3.72	4.58	806	539	4.83	8	7	4.99	59	44	4.83	40	28	4.84	150	104
2013	3.67	4.48	808	526	4.70	8	6	4.68	60	43	4.62	41	27	4.51	200	127
2014	4.21	4.30	806	415	4.45	8	6	4.45	57	34	4.59	41	24	4.29	110	56
2015	5.02	4.33	805	305	4.66	8	4	4.66	56	24	4.69	41	18	3.91	53	16
2016	5.41	4.37	801	250	5.41	9	5	4.43	96	31	4.30	42	15	4.44	27	9
RATIO 26 --- CUMULATIVE PATRONAGE CAPITAL RETIRED AS A % OF TOTAL PATRONAGE CAPITAL																
2012	16.90	25.25	697	516	20.92	8	6	26.99	52	39	32.12	37	29	25.28	126	91
2013	18.79	25.24	704	488	21.83	8	5	26.56	58	36	32.57	39	30	25.48	172	119
2014	21.00	25.58	704	439	23.06	8	5	26.79	55	34	32.75	39	27	23.31	93	55
2015	22.50	26.18	704	430	22.84	8	5	26.21	53	31	33.06	39	27	22.52	46	24
2016	25.61	26.76	704	384	24.66	8	4	25.28	88	44	34.10	39	26	27.68	24	16
RATIO 27 --- RATE OF RETURN ON EQUITY (%)																
2012	1.98	6.61	813	770	5.79	9	9	6.86	59	55	5.76	41	37	6.71	152	147
2013	2.35	7.02	815	775	6.70	10	9	8.02	60	57	5.23	44	40	6.87	202	192
2014	0.30	6.92	813	803	6.84	10	10	7.35	58	57	6.15	44	44	7.31	111	109
2015	4.63	5.96	811	580	5.67	10	8	5.75	57	43	5.25	44	28	6.65	53	39
2016	7.80	6.22	809	235	5.11	11	5	6.37	98	32	6.15	45	14	7.84	27	16
RATIO 28 --- RATE OF RETURN ON TOTAL CAPITALIZATION (%)																
2012	2.78	5.61	813	777	5.68	9	9	5.66	59	57	5.20	41	37	5.57	152	145
2013	2.98	5.72	815	783	5.68	10	10	5.99	60	58	4.71	44	41	5.71	202	192
2014	1.60	5.58	813	804	5.56	10	10	5.66	58	58	5.51	44	43	5.68	111	110
2015	4.17	5.12	811	613	5.17	10	8	5.10	57	48	5.05	44	30	5.21	53	39
2016	5.57	5.17	809	323	5.04	11	3	5.30	98	43	5.20	45	16	6.19	27	17
RATIO 29 --- CURRENT RATIO																
2012	2.22	1.25	813	127	2.16	9	4	1.21	59	7	1.39	41	10	1.20	152	28
2013	1.98	1.24	815	160	2.03	10	6	1.20	60	5	1.51	44	16	1.27	202	49
2014	2.46	1.19	813	91	1.96	10	4	1.20	58	6	1.33	44	10	1.14	111	9
2015	2.32	1.24	811	114	2.01	10	4	1.14	57	5	1.28	44	9	1.33	53	8
2016	2.81	1.22	809	67	1.57	11	3	1.12	98	9	1.63	45	6	1.17	27	4
RATIO 30 --- GENERAL FUNDS PER TUP (%)																
2012	5.13	4.16	813	340	5.13	9	5	3.17	59	18	5.13	41	21	3.59	152	57
2013	3.61	3.98	815	437	7.61	10	8	3.37	60	27	5.08	44	26	3.81	202	105
2014	3.70	3.95	813	431	8.18	10	8	3.68	58	28	4.03	44	25	3.70	111	56
2015	1.61	4.05	811	627	5.46	10	9	3.50	57	42	3.62	44	32	4.86	53	41
2016	3.29	3.95	809	455	5.49	11	9	3.20	98	48	4.57	45	26	4.40	27	18

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 31 --- PLANT REVENUE RATIO (PRR) ONE YEAR																
2012	6.46	6.64	813	465	6.13	9	2	6.77	59	39	6.32	41	17	6.77	152	91
2013	6.41	6.59	815	465	5.65	10	2	6.67	60	39	6.40	44	22	6.61	202	115
2014	6.97	6.65	813	329	5.85	10	1	6.64	58	22	6.47	44	17	6.93	111	54
2015	6.26	6.89	811	573	6.19	10	5	6.80	57	41	6.41	44	25	6.80	53	33
2016	6.86	6.95	809	439	6.47	11	4	6.88	98	50	6.61	45	20	6.94	27	15
RATIO 32 --- INVESTMENT IN SUBSIDIARIES TO TOTAL ASSETS (%)																
2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015	6.72	0.49	234	20	6.72	5	3	0.37	20	2	5.28	12	6	1.03	15	1
2016	-2.85	0.44	232	228	4.37	5	5	0.22	20	20	4.37	11	11	0.19	9	9
REVENUE & MARGINS (RATIOS 33-59)																
RATIO 33 --- TOTAL OPERATING REVENUE PER KWH SOLD (MILLS)																
2012	104.62	108.92	813	476	71.36	9	2	107.50	59	33	75.41	41	4	108.41	152	91
2013	103.75	110.00	815	513	79.03	10	2	107.48	60	38	76.59	44	3	108.03	202	121
2014	111.13	112.78	813	430	82.30	10	2	112.21	58	32	79.11	44	3	112.54	111	59
2015	128.59	112.29	811	196	88.36	10	1	114.45	57	13	81.08	44	2	105.66	53	7
2016	129.93	112.77	809	177	89.01	11	1	112.37	98	18	83.12	45	2	112.77	27	7
RATIO 34 --- TOTAL OPERATING REVENUE PER TUP INVESTMENT (CENTS)																
2012	24.23	41.14	813	772	30.97	9	9	38.80	59	56	27.81	41	32	40.04	152	144
2013	24.16	41.80	815	782	34.16	10	10	39.88	60	57	29.15	44	38	40.19	202	196
2014	22.75	41.65	813	794	33.20	10	10	40.38	58	56	29.52	44	42	41.28	111	106
2015	23.64	39.17	811	769	32.89	10	10	37.82	57	54	27.96	44	38	43.11	53	53
2016	21.37	37.90	809	785	30.48	11	10	39.96	98	96	28.97	45	41	39.25	27	27
RATIO 35 --- TOTAL OPERATING REVENUE PER CONSUMER (\$)																
2012	1,390.41	2,148.91	813	783	2,144.34	9	9	2,076.85	59	58	1,686.99	41	37	2,156.06	152	145
2013	1,448.84	2,230.71	815	782	2,100.98	10	9	2,198.28	60	58	1,752.28	44	36	2,203.31	202	193
2014	1,488.65	2,320.93	813	785	2,380.39	10	9	2,327.90	58	56	1,762.27	44	37	2,451.73	111	107
2015	1,646.15	2,272.11	811	735	2,366.97	10	9	2,245.90	57	51	1,785.04	44	34	2,617.49	53	51
2016	1,673.01	2,260.18	809	730	2,215.43	11	9	2,202.34	98	82	1,823.72	45	35	2,762.90	27	26
RATIO 36 --- ELECTRIC REVENUE PER KWH SOLD (MILLS)																
2012	100.47	106.99	813	512	70.03	9	1	105.73	59	35	73.76	41	2	106.74	152	97
2013	102.65	108.38	815	506	74.36	10	2	108.40	60	37	75.68	44	3	106.46	202	119
2014	109.83	110.99	813	424	79.64	10	1	110.46	58	31	78.27	44	2	110.33	111	59
2015	127.31	110.76	811	178	84.54	10	1	112.45	57	14	80.70	44	2	105.22	53	8
2016	129.45	111.02	809	158	87.91	11	1	110.42	98	16	82.57	45	2	111.34	27	6

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 37 --- ELECTRIC REVENUE PER CONSUMER (\$)																
2012	1,335.28	2,103.87	813	787	2,042.81	9	9	2,060.88	59	58	1,640.48	41	38	2,116.05	152	147
2013	1,433.42	2,177.29	815	776	1,966.26	10	9	2,178.46	60	58	1,704.80	44	36	2,155.76	202	190
2014	1,471.29	2,282.16	813	781	2,223.09	10	9	2,307.73	58	56	1,713.38	44	37	2,418.75	111	106
2015	1,629.81	2,237.78	811	728	2,235.74	10	9	2,240.52	57	51	1,717.39	44	32	2,592.74	53	50
2016	1,666.76	2,227.65	809	718	2,154.76	11	7	2,165.90	98	81	1,753.40	45	32	2,746.18	27	26
RATIO 38 --- RESIDENTIAL REVENUE PER KWH SOLD (MILLS)																
2012	103.38	116.38	813	610	84.91	9	2	115.48	59	43	85.55	41	4	115.50	152	112
2013	105.70	117.62	815	596	84.38	10	2	117.19	60	46	86.45	44	5	116.66	202	137
2014	113.40	119.92	813	517	87.58	10	2	124.74	58	40	90.03	44	3	118.30	111	69
2015	133.06	121.98	811	216	94.51	10	1	127.70	57	17	93.06	44	2	117.92	53	11
2016	133.55	121.46	809	217	96.15	11	1	121.24	98	25	96.15	45	2	123.23	27	9
RATIO 39 --- NON-RESIDENTIAL REVENUE PER KWH SOLD (MILLS)																
2012	93.09	94.46	812	436	64.30	9	1	93.09	59	30	64.73	41	4	94.17	152	87
2013	94.82	96.10	814	435	67.12	10	1	96.14	60	33	66.88	44	3	96.06	201	106
2014	100.93	98.26	812	364	71.37	10	1	99.24	58	28	69.02	44	3	97.62	111	49
2015	113.74	98.10	810	191	73.73	10	1	99.78	57	14	73.12	44	3	94.61	53	9
2016	119.49	97.64	809	149	73.46	11	1	93.75	98	18	73.46	45	2	97.20	27	7
RATIO 42 --- SMALL COMMERCIAL REVENUE PER KWH SOLD (MILLS)																
2012	92.58	106.08	812	629	71.02	9	3	104.05	59	41	73.69	41	7	102.52	152	114
2013	94.34	107.71	811	637	76.50	10	2	104.28	59	45	75.66	44	6	105.67	201	154
2014	100.44	110.25	811	571	81.04	10	2	110.03	57	40	78.16	44	5	109.06	111	76
2015	113.28	110.09	810	347	84.62	10	1	111.19	57	24	80.44	44	3	104.53	53	21
2016	118.63	110.47	809	257	88.53	11	1	109.53	98	28	85.21	45	3	109.96	27	8
RATIO 45 --- STREET & HIGHWAY LIGHTING REVENUE PER KWH SOLD (MILLS)																
2012	28,260.00	150.06	592	1	124.60	8	1	153.02	41	1	152.73	32	1	148.95	117	1
2013	28,260.00	153.73	596	1	126.18	8	1	156.87	44	1	148.63	35	1	146.43	150	1
2014	28,269.00	158.46	595	1	176.15	8	1	156.74	43	1	161.47	35	1	161.04	85	1
2015	293.50	160.83	597	54	181.38	9	3	157.05	43	4	174.09	36	6	140.83	35	4
2016	825.84	164.73	592	7	205.35	9	1	148.35	66	2	179.22	36	1	161.08	20	1
RATIO 47 --- OPERATING MARGINS PER KWH SOLD (MILLS)																
2012	3.06	3.43	813	444	3.06	9	6	3.29	59	31	4.13	41	28	3.46	152	83
2013	3.57	4.15	815	466	5.39	10	7	4.53	60	42	4.06	44	25	4.42	202	120
2014	0.66	4.07	813	745	5.94	10	9	4.77	58	55	4.27	44	39	4.70	111	105
2015	8.24	3.54	811	117	5.03	10	4	4.12	57	7	4.64	44	6	3.54	53	8
2016	13.64	3.83	809	35	4.37	11	2	3.71	98	1	4.61	45	3	6.08	27	3

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 48 --- OPERATING MARGINS PER CONSUMER (\$)																
2012	40.64	65.07	813	574	114.00	9	8	68.69	59	40	111.48	41	31	68.81	152	108
2013	49.91	82.19	815	600	203.36	10	7	79.29	60	49	108.93	44	31	87.70	202	145
2014	8.85	82.84	813	763	141.72	10	9	93.13	58	54	111.98	44	42	93.20	111	106
2015	105.53	77.52	811	277	187.41	10	7	77.53	57	20	91.69	44	19	105.53	53	27
2016	175.60	73.41	809	140	175.60	11	6	74.48	98	10	107.92	45	15	175.60	27	14
RATIO 49 --- NON-OPERATING MARGINS PER KWH SOLD (MILLS)																
2012	0.91	0.52	813	250	0.91	9	5	0.67	59	21	0.51	41	17	0.50	152	46
2013	0.95	0.51	815	257	1.08	10	6	0.46	60	22	0.42	44	17	0.47	202	58
2014	-0.39	0.55	813	777	0.81	10	9	0.43	58	53	0.47	44	41	0.49	111	106
2015	1.04	0.55	811	248	1.34	10	6	0.54	57	15	0.45	44	15	0.45	53	19
2016	1.70	0.58	809	158	1.64	11	5	0.56	98	19	0.45	45	12	0.70	27	6
RATIO 50 --- NON-OPERATING MARGINS PER CONSUMER (\$)																
2012	12.07	10.77	813	383	25.54	9	6	10.95	59	27	15.82	41	25	10.52	152	69
2013	13.20	11.64	815	381	27.64	10	8	11.14	60	29	13.30	44	23	10.32	202	90
2014	-5.20	12.50	813	771	19.41	10	9	9.64	58	52	18.54	44	40	12.55	111	106
2015	13.32	12.58	811	395	26.23	10	8	9.09	57	26	13.04	44	22	15.64	53	29
2016	21.91	13.30	809	261	36.06	11	8	13.99	98	31	11.85	45	18	20.80	27	12
RATIO 51 --- TOTAL MARGINS LESS ALLOCATIONS PER KWH SOLD (MILLS)																
2012	3.97	4.03	813	415	4.65	9	6	3.99	59	31	5.39	41	25	3.96	152	76
2013	4.52	4.98	815	456	5.86	10	6	5.51	60	38	4.97	44	25	4.81	202	111
2014	0.27	4.87	813	785	6.58	10	10	5.48	58	56	6.16	44	43	5.50	111	107
2015	9.28	4.53	811	111	5.18	10	3	4.64	57	7	5.19	44	5	4.91	53	9
2016	15.34	4.86	809	35	4.92	11	1	4.65	98	1	5.26	45	2	7.60	27	3
RATIO 52 --- TOTAL MARGINS LESS ALLOCATIONS PER CONSUMER (\$)																
2012	52.71	83.37	813	574	170.75	9	8	90.20	59	40	141.25	41	32	84.82	152	105
2013	63.11	100.52	815	597	242.73	10	9	106.20	60	46	145.88	44	34	98.57	202	147
2014	3.66	99.22	813	789	158.65	10	10	107.34	58	56	126.01	44	43	124.97	111	108
2015	118.85	93.78	811	296	168.76	10	7	88.79	57	21	117.04	44	22	122.44	53	28
2016	197.52	96.25	809	137	197.52	11	6	97.58	98	11	123.18	45	15	189.26	27	13
RATIO 54 --- ASSOCIATED ORGANIZATION'S CAPITAL CREDITS PER KWH SOLD (MILLS)																
2012	0.21	2.98	772	711	0.21	9	5	3.18	59	57	0.37	40	27	3.30	144	131
2013	0.18	3.16	769	718	0.17	8	4	3.48	59	58	0.38	40	25	3.27	190	178
2014	0.34	3.03	769	704	0.27	8	4	3.50	57	56	0.44	41	25	3.23	106	93
2015	0.44	2.71	768	679	0.31	8	4	3.11	56	52	0.50	41	25	2.93	52	44
2016	0.42	2.71	765	684	0.19	9	4	2.74	92	83	0.54	42	26	2.83	27	26

**2016 Key Ratio Trend Analysis (KRTA)
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Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 55 --- ASSOCIATED ORGANIZATION'S CAPITAL CREDITS PER CONSUMER (\$)																
2012	2.75	58.79	772	740	3.93	9	8	57.70	59	58	9.82	40	35	57.99	144	137
2013	2.57	60.51	769	751	4.93	8	8	67.59	59	58	10.06	40	35	60.06	190	185
2014	4.59	58.43	769	735	6.70	8	6	66.28	57	55	14.12	41	34	61.39	106	99
2015	5.60	50.07	768	718	6.35	8	5	59.46	56	54	13.87	41	32	80.83	52	50
2016	5.39	51.28	765	721	5.39	9	5	51.95	92	86	13.66	42	35	71.23	27	26
RATIO 56 --- TOTAL MARGINS PER KWH SOLD (MILLS)																
2012	4.17	7.05	813	642	4.82	9	6	7.77	59	46	5.81	41	26	7.17	152	122
2013	4.70	7.96	815	667	6.03	10	6	8.81	60	51	5.32	44	28	7.80	202	168
2014	0.62	7.87	813	800	6.98	10	10	8.26	58	56	6.54	44	43	8.48	111	109
2015	9.72	7.27	811	216	5.84	10	3	7.12	57	18	5.70	44	6	8.35	53	16
2016	15.76	7.74	809	53	5.43	11	1	7.22	98	4	5.85	45	2	9.59	27	3
RATIO 57 --- TOTAL MARGINS PER CONSUMER (\$)																
2012	55.47	145.56	813	721	177.04	9	8	149.11	59	50	149.97	41	33	154.42	152	134
2013	65.68	164.59	815	738	245.37	10	9	183.41	60	54	153.45	44	36	162.93	202	182
2014	8.24	163.91	813	803	168.80	10	10	176.53	58	57	139.31	44	44	189.47	111	109
2015	124.44	150.99	811	500	174.95	10	7	159.90	57	39	122.97	44	22	220.95	53	39
2016	202.91	153.57	809	269	201.07	11	5	147.18	98	29	142.92	45	15	236.50	27	18
RATIO 58 --- A/R OVER 60 DAYS AS A % OF OPERATING REVENUE																
2012	0.11	0.13	795	452	0.13	9	6	0.15	57	35	0.10	41	20	0.14	150	86
2013	0.04	0.13	805	627	0.11	9	8	0.13	60	54	0.10	43	35	0.11	198	145
2014	0.04	0.12	803	632	0.09	10	9	0.10	58	46	0.09	43	35	0.12	107	86
2015	0.03	0.11	795	669	0.06	10	9	0.09	57	49	0.07	43	36	0.09	53	37
2016	0.05	0.11	797	605	0.05	11	7	0.12	98	73	0.08	44	35	0.15	26	19
RATIO 59 --- AMOUNT WRITTEN OFF AS A % OF OPERATING REVENUE																
2012	0.13	0.15	777	448	0.10	9	4	0.15	54	30	0.13	40	20	0.16	144	83
2013	0.12	0.14	783	445	0.11	9	4	0.12	58	28	0.11	43	18	0.15	194	115
2014	0.06	0.13	782	593	0.09	9	7	0.13	55	42	0.10	41	32	0.13	106	81
2015	0.03	0.12	774	677	0.08	9	8	0.13	57	53	0.09	42	36	0.09	51	39
2016	0.06	0.10	776	567	0.06	11	6	0.11	98	82	0.06	45	28	0.08	26	16
SALES (RATIOS 60-76)																
RATIO 60 --- TOTAL MWH SOLD PER MILE OF LINE																
2012	147.71	112.66	813	284	207.42	9	6	98.56	59	19	133.53	41	20	111.46	152	50
2013	155.53	117.33	814	281	231.05	10	7	103.90	60	19	158.81	44	23	117.56	202	65
2014	148.04	120.40	812	307	245.36	10	7	106.78	58	19	150.41	44	23	121.59	111	45
2015	142.81	117.25	810	309	247.55	10	8	101.97	57	18	145.32	44	23	128.04	53	21
2016	145.06	117.99	808	307	249.47	11	8	124.22	98	41	145.06	45	23	133.03	27	11

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		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 61 --- AVERAGE RESIDENTIAL USAGE KWH PER MONTH																
2012	914.69	1,140.51	813	673	1,344.92	9	9	1,100.47	59	47	1,193.29	41	41	1,154.64	152	129
2013	963.56	1,174.69	815	674	1,346.23	10	10	1,146.45	60	47	1,235.15	44	43	1,183.81	202	167
2014	919.36	1,199.17	813	695	1,306.88	10	10	1,162.00	58	46	1,180.51	44	44	1,244.31	111	91
2015	867.26	1,161.02	811	706	1,274.98	10	10	1,121.81	57	50	1,122.27	44	44	1,256.62	53	48
2016	880.81	1,145.27	809	699	1,246.89	11	11	1,099.29	98	88	1,141.69	45	44	1,107.10	27	25
RATIO 64 --- AVERAGE SMALL COMMERCIAL KWH USAGE PER MONTH																
2012	2,390.70	3,293.62	812	588	4,370.16	9	9	3,339.18	59	51	3,406.50	41	32	3,685.42	152	119
2013	2,497.24	3,407.48	811	578	4,680.08	10	10	3,604.25	59	50	3,663.85	44	34	3,662.44	201	149
2014	2,402.36	3,448.06	811	601	4,196.60	10	9	3,601.63	57	49	3,609.27	44	34	3,910.98	111	85
2015	2,338.73	3,391.24	810	605	4,257.89	10	9	3,386.57	57	48	3,482.56	44	34	3,472.22	53	44
2016	2,287.76	3,404.76	809	614	4,163.83	11	9	3,203.76	98	76	3,564.28	45	34	3,925.61	27	23
RATIO 66 --- AVERAGE STREET & HIGHWAY LIGHTING KWH USAGE PER MONTH																
2012	13.89	1,394.84	586	585	1,207.64	8	8	1,101.47	41	41	1,544.44	32	32	1,500.00	115	114
2013	13.89	1,388.89	589	588	909.72	8	8	1,095.81	44	44	1,590.28	34	34	1,500.00	147	146
2014	13.89	1,416.67	590	590	909.72	8	8	1,101.19	43	43	1,553.57	34	34	1,137.68	84	84
2015	1,738.10	1,435.28	590	251	1,738.10	9	5	1,085.08	42	15	1,738.10	35	18	1,595.24	35	15
2016	958.33	1,398.10	586	363	958.33	9	5	1,841.85	66	48	1,468.75	34	23	1,492.71	20	13
RATIO 69 --- RESIDENTIAL KWH SOLD PER TOTAL KWH SOLD (%)																
2012	71.75	59.02	813	194	42.70	9	2	52.89	59	16	53.13	41	7	60.79	152	38
2013	71.94	59.93	815	195	42.22	10	2	54.91	60	16	51.87	44	7	59.95	202	52
2014	71.36	60.24	813	203	41.27	10	2	58.31	58	18	52.18	44	7	61.33	111	25
2015	70.25	58.83	811	205	40.93	10	2	58.18	57	18	51.87	44	7	45.20	53	3
2016	70.85	58.34	809	192	41.84	11	2	54.91	98	21	52.83	45	8	45.37	27	3
RATIO 72 --- SMALL COMMERCIAL KWH SOLD PER TOTAL KWH SOLD (%)																
2012	28.25	17.65	812	149	16.27	9	2	18.73	59	14	16.27	41	8	17.09	152	25
2013	28.06	17.59	811	146	17.67	10	3	19.66	59	16	16.74	44	9	18.32	201	40
2014	28.63	17.71	811	137	16.99	10	2	18.96	57	13	16.71	44	8	18.22	111	21
2015	29.67	18.13	810	126	16.94	10	2	18.46	57	12	17.10	44	6	17.54	53	11
2016	29.12	18.32	809	139	17.91	11	2	18.42	98	23	17.91	45	6	22.22	27	6
RATIO 74 --- STREET & HIGHWAY LIGHTING KWH SOLD PER TOTAL KWH SOLD (%)																
2012	0.00	0.13	593	592	0.08	8	8	0.10	41	41	0.09	32	32	0.11	117	116
2013	0.00	0.12	597	596	0.08	8	8	0.09	44	44	0.09	35	35	0.12	150	149
2014	0.00	0.12	596	596	0.07	8	8	0.10	43	43	0.09	35	35	0.10	85	85
2015	0.08	0.12	598	391	0.08	9	5	0.09	43	25	0.11	36	22	0.10	35	21
2016	0.04	0.12	592	479	0.06	9	8	0.12	66	53	0.09	36	30	0.17	20	18

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
CONTROLLABLE EXPENSES (RATIOS 77-87)																
RATIO 77 --- O & M EXPENSES PER TOTAL KWH SOLD (MILLS)																
2012	22.16	11.43	813	47	10.41	9	1	11.56	59	3	11.31	41	3	11.55	152	10
2013	22.45	11.38	815	45	10.10	10	1	11.62	60	3	10.91	44	2	11.54	202	8
2014	23.91	11.68	813	43	10.06	10	1	12.09	58	3	10.56	44	4	11.17	111	8
2015	26.70	12.17	811	37	10.84	10	1	13.67	57	3	11.52	44	4	11.31	53	3
2016	25.26	12.56	809	39	9.56	11	1	13.46	98	2	11.51	45	2	9.74	27	1
RATIO 78 --- O & M EXPENSES PER DOLLARS OF TUP (MILLS)																
2012	51.32	43.55	813	213	42.94	9	1	44.07	59	14	44.71	41	11	42.17	152	34
2013	52.28	42.94	815	197	43.11	10	2	43.37	60	14	44.11	44	12	43.67	202	50
2014	48.95	42.91	813	256	44.72	10	2	43.28	58	19	44.57	44	15	40.05	111	28
2015	49.09	42.23	811	248	43.41	10	3	43.32	57	19	42.81	44	15	42.26	53	18
2016	41.55	42.14	809	428	39.14	11	5	45.58	98	68	42.35	45	26	35.53	27	10
RATIO 79 --- O & M EXPENSES PER CONSUMER (\$)																
2012	294.47	232.70	813	167	298.07	9	6	241.30	59	14	283.89	41	18	229.73	152	31
2013	313.52	242.30	815	157	308.92	10	5	253.42	60	13	276.97	44	18	242.27	202	34
2014	320.30	248.34	813	164	338.48	10	6	266.04	58	9	297.47	44	18	238.84	111	19
2015	341.87	253.22	811	143	344.99	10	6	266.74	57	7	301.04	44	17	290.20	53	17
2016	325.22	259.31	809	201	325.22	11	6	268.39	98	28	300.29	45	19	263.56	27	9
RATIO 80 --- CONSUMER ACCOUNTING EXPENSES PER TOTAL KWH SOLD (MILLS)																
2012	4.15	2.91	813	171	2.44	9	2	2.86	59	10	2.65	41	6	2.93	152	34
2013	4.13	2.84	815	161	2.38	10	2	2.80	60	14	2.66	44	10	2.88	202	35
2014	4.53	2.87	813	123	2.34	10	2	3.02	58	10	2.75	44	7	2.81	111	19
2015	4.68	2.94	811	109	2.38	10	2	3.06	57	11	2.75	44	6	2.47	53	4
2016	4.88	2.88	809	95	2.63	11	2	2.85	98	14	2.75	45	6	1.95	27	2
RATIO 81 --- CONSUMER ACCOUNTING EXPENSES PER CONSUMER (\$)																
2012	55.10	58.40	813	473	56.64	9	8	57.75	59	33	61.35	41	27	58.90	152	84
2013	57.68	59.17	815	440	62.67	10	7	60.61	60	33	61.83	44	29	58.68	202	105
2014	60.70	58.93	813	378	56.04	10	4	60.95	58	30	59.74	44	21	60.70	111	56
2015	59.85	60.02	811	409	54.62	10	4	60.26	57	30	59.47	44	22	61.71	53	30
2016	62.77	58.88	809	338	58.44	11	5	60.51	98	44	62.93	45	24	55.09	27	9
RATIO 82 --- CUSTOMER SALES AND SERVICE PER TOTAL KWH SOLD (MILLS)																
2012	2.03	0.91	800	118	0.59	9	1	1.06	59	12	0.86	41	6	0.99	150	24
2013	2.64	0.91	802	61	0.43	10	1	0.99	60	7	0.74	44	4	0.95	199	15
2014	2.70	0.88	800	57	0.49	9	1	0.97	58	7	0.79	43	4	0.85	106	8
2015	4.15	0.92	798	12	0.29	10	1	1.00	57	1	0.70	44	1	0.65	52	2
2016	1.11	0.93	798	339	0.18	11	2	0.78	96	39	0.71	45	16	1.00	26	13

2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 83 --- CUSTOMER SALES AND SERVICE PER CONSUMER (\$)																
2012	26.91	18.58	800	266	16.80	9	3	19.56	59	21	16.83	41	14	21.86	150	57
2013	36.92	19.59	802	154	9.60	10	2	24.82	60	13	17.16	44	10	21.15	199	31
2014	36.19	19.51	800	162	15.76	9	2	24.43	58	15	20.87	43	11	20.10	106	22
2015	53.17	19.60	798	65	5.97	10	2	22.56	57	7	16.29	44	7	17.97	52	6
2016	14.35	19.82	798	510	3.90	11	3	20.18	96	56	14.27	45	22	20.97	26	17
RATIO 84 --- A & G EXPENSES PER TOTAL KWH SOLD (MILLS)																
2012	13.72	6.20	813	65	10.43	9	1	5.84	59	5	8.18	41	3	6.46	152	12
2013	12.75	6.22	815	73	7.88	10	2	6.04	60	5	8.17	44	6	6.15	202	13
2014	13.83	6.27	813	62	8.42	10	2	6.54	58	4	8.18	44	4	6.82	111	10
2015	14.85	6.66	811	56	8.54	10	1	6.52	57	3	8.27	44	4	5.93	53	4
2016	13.92	6.84	809	69	8.26	11	2	5.83	98	5	8.50	45	4	6.09	27	2
RATIO 85 --- A & G EXPENSES PER CONSUMER (\$)																
2012	182.34	127.96	813	186	229.55	9	6	128.57	59	10	175.97	41	19	124.12	152	28
2013	177.99	131.56	815	217	188.79	10	7	127.52	60	11	178.23	44	24	126.92	202	43
2014	185.28	133.50	813	209	216.31	10	6	129.38	58	11	181.03	44	21	148.50	111	30
2015	190.17	137.23	811	195	214.93	10	6	133.17	57	11	180.51	44	21	154.03	53	11
2016	179.23	140.41	809	240	184.06	11	7	128.46	98	13	184.06	45	24	157.77	27	10
RATIO 86 --- TOTAL CONTROLLABLE EXPENSES PER TOTAL KWH SOLD (MILLS) (SAME AS RATIO #103)																
2012	42.05	21.98	813	45	22.16	9	1	22.78	59	4	23.15	41	3	22.50	152	9
2013	41.97	21.76	815	50	21.15	10	1	21.87	60	4	23.11	44	2	21.35	202	10
2014	44.97	22.20	813	43	20.31	10	1	22.13	58	3	23.22	44	2	21.23	111	6
2015	50.39	23.16	811	36	22.31	10	1	24.81	57	3	23.92	44	3	20.50	53	2
2016	45.17	23.56	809	48	20.82	11	1	23.84	98	3	24.70	45	3	19.89	27	2
RATIO 87 --- TOTAL CONTROLLABLE EXPENSES PER CONSUMER (\$) (SAME AS RATIO #104)																
2012	558.82	441.40	813	179	620.95	9	6	440.82	59	12	558.82	41	21	441.29	152	31
2013	586.11	459.84	815	164	629.20	10	6	474.44	60	10	561.91	44	21	448.02	202	33
2014	602.47	471.98	813	169	634.10	10	6	486.51	58	10	576.27	44	20	461.97	111	25
2015	645.05	482.46	811	134	643.23	10	5	494.46	57	7	575.87	44	18	533.42	53	12
2016	581.58	494.06	809	233	581.58	11	6	486.66	98	22	577.08	45	22	517.64	27	10
FIXED EXPENSES (RATIOS 88-102)																
RATIO 88 --- POWER COST PER KWH PURCHASED (MILLS)																
2012	34.28	66.51	812	775	33.08	9	4	63.38	58	54	32.86	41	12	65.02	152	144
2013	34.79	67.70	814	779	33.98	10	3	66.07	59	55	34.01	44	16	66.13	202	199
2014	38.28	69.78	812	770	36.61	10	3	69.99	57	53	36.65	44	11	69.82	111	104
2015	39.02	68.38	809	760	36.84	10	2	66.94	56	52	36.74	44	7	63.14	53	53
2016	38.58	66.91	807	770	38.58	11	6	66.45	98	95	38.13	45	18	61.05	27	27

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 89 --- POWER COST PER TOTAL KWH SOLD (MILLS)																
2012	37.75	70.44	813	766	34.49	9	2	65.18	59	54	35.14	41	6	68.41	152	140
2013	36.72	71.68	815	780	35.70	10	3	69.40	60	56	36.27	44	18	69.60	202	199
2014	41.01	73.68	813	770	38.49	10	3	73.56	58	53	38.48	44	10	73.26	111	104
2015	41.67	71.48	811	763	39.06	10	2	71.42	57	52	39.41	44	8	64.20	53	53
2016	41.36	70.43	809	772	41.29	11	5	69.81	98	94	40.39	45	18	65.16	27	27
RATIO 90 --- POWER COST AS A % OF REVENUE																
2012	36.08	63.02	813	797	44.91	9	8	62.50	59	57	44.91	41	38	62.41	152	149
2013	35.39	63.05	815	803	46.82	10	9	61.28	60	59	45.71	44	42	61.76	202	201
2014	36.91	63.65	813	798	46.45	10	9	62.46	58	55	46.65	44	41	63.38	111	107
2015	32.41	62.11	811	800	43.89	10	10	61.17	57	56	46.78	44	43	63.70	53	53
2016	31.83	61.48	809	798	45.85	11	11	61.41	98	98	46.75	45	44	62.68	27	27
RATIO 91 --- LONG-TERM INTEREST COST PER TOTAL KWH SOLD (MILLS)																
2012	3.89	5.09	806	533	4.09	8	5	5.39	59	42	4.00	40	21	5.07	150	100
2013	3.81	4.93	808	535	4.25	8	6	5.45	60	42	4.05	41	25	5.16	200	132
2014	4.68	4.86	806	426	4.60	8	4	5.44	57	36	4.13	41	17	5.06	110	58
2015	6.46	4.97	805	247	5.37	8	4	5.83	56	20	4.26	41	10	4.24	53	9
2016	7.02	5.00	801	200	7.02	9	5	5.33	96	22	4.05	42	10	4.27	27	6
RATIO 92 --- LONG-TERM INTEREST COST AS A % OF TUP																
2012	0.90	1.93	806	721	1.58	8	7	1.82	59	58	1.46	40	32	1.96	150	137
2013	0.89	1.88	808	711	1.81	8	7	1.77	60	58	1.47	41	32	1.91	200	172
2014	0.96	1.81	806	691	1.66	8	7	1.71	57	54	1.45	41	29	1.74	110	96
2015	1.19	1.74	805	622	1.48	8	5	1.64	56	48	1.33	41	24	1.68	53	37
2016	1.16	1.69	801	627	1.63	9	6	1.75	96	78	1.25	42	25	1.69	27	23
RATIO 93 --- LONG-TERM INTEREST COST PER CONSUMER (\$)																
2012	51.73	100.83	806	699	78.08	8	8	106.39	59	53	78.63	40	34	108.60	150	127
2013	53.15	100.68	808	684	82.96	8	8	107.23	60	55	89.29	41	34	97.47	200	164
2014	62.72	102.18	806	631	77.81	8	8	104.90	57	47	85.05	41	30	104.40	110	84
2015	82.68	101.01	805	513	81.27	8	4	105.16	56	41	80.26	41	20	98.78	53	34
2016	90.45	101.43	801	458	90.45	9	5	95.45	96	55	80.42	42	19	128.92	27	22
RATIO 94 --- DEPRECIATION EXPENSE PER TOTAL KWH SOLD (MILLS)																
2012	13.59	7.62	813	50	6.52	9	1	8.27	59	4	7.69	41	1	7.94	152	10
2013	13.17	7.79	815	54	6.32	10	2	8.55	60	4	7.52	44	3	7.95	202	11
2014	15.01	7.97	813	41	6.50	10	2	8.68	58	4	7.69	44	3	8.03	111	8
2015	17.30	8.46	811	35	7.12	10	1	9.41	57	2	8.32	44	1	7.30	53	2
2016	18.25	8.82	809	33	7.66	11	1	8.70	98	1	8.80	45	1	8.34	27	1

**2016 Key Ratio Trend Analysis (KRTA)
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		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 95 --- DEPRECIATION EXPENSE AS A % OF TUP																
2012	3.15	2.90	813	186	3.12	9	4	2.96	59	16	2.78	41	9	2.89	152	34
2013	3.07	2.91	815	254	3.05	10	5	2.96	60	23	2.73	44	9	2.92	202	70
2014	3.07	2.93	813	281	2.92	10	5	3.00	58	25	2.77	44	10	2.93	111	37
2015	3.18	2.94	811	216	3.04	10	5	3.02	57	21	2.79	44	10	2.80	53	8
2016	3.00	2.96	809	363	3.00	11	6	2.98	98	45	2.77	45	16	2.83	27	12
RATIO 96 --- DEPRECIATION EXPENSE PER CONSUMER (\$)																
2012	180.61	153.60	813	247	188.70	9	6	159.33	59	19	178.41	41	20	155.78	152	48
2013	183.85	159.09	815	267	176.61	10	5	171.67	60	23	173.35	44	19	157.94	202	61
2014	201.08	165.61	813	230	179.73	10	4	172.90	58	20	178.68	44	15	170.40	111	35
2015	221.53	172.04	811	185	182.51	10	4	184.70	57	13	189.65	44	13	180.96	53	14
2016	235.02	178.28	809	172	185.28	11	5	166.41	98	13	193.97	45	12	218.79	27	12
RATIO 97 --- ACCUMULATIVE DEPRECIATION AS A % OF PLANT IN SERVICE																
2012	41.11	31.48	813	122	32.58	9	3	31.54	59	9	40.57	41	20	30.12	152	17
2013	41.95	31.62	815	113	34.22	10	4	31.29	60	6	40.62	44	20	31.49	202	25
2014	42.38	31.97	813	110	35.45	10	4	32.75	58	6	41.61	44	21	30.58	111	7
2015	40.92	32.25	811	136	35.79	10	4	33.58	57	10	41.00	44	23	28.78	53	7
2016	42.17	32.49	809	117	37.51	11	4	32.00	98	10	41.76	45	22	31.23	27	3
RATIO 98 --- TOTAL TAX EXPENSE PER TOTAL KWH SOLD (MILLS)																
2012	4.26	1.02	588	43	3.33	9	2	0.68	44	4	2.35	37	3	1.19	113	14
2013	4.50	1.03	587	33	3.90	10	3	0.82	45	2	2.44	40	4	1.23	152	8
2014	4.85	1.01	591	20	4.10	10	3	0.78	41	2	2.64	40	4	0.81	87	2
2015	5.47	0.94	576	15	3.96	10	2	0.75	40	2	2.46	42	3	0.98	41	2
2016	5.85	0.87	572	14	4.28	11	2	0.82	75	3	2.81	42	3	0.72	17	1
RATIO 99 --- TOTAL TAX EXPENSE AS A % OF TUP																
2012	0.99	0.41	588	125	1.59	9	8	0.24	44	11	0.82	37	12	0.48	113	29
2013	1.05	0.43	587	122	1.68	10	8	0.37	45	11	0.86	40	13	0.45	152	27
2014	0.99	0.42	591	112	1.66	10	10	0.26	41	10	0.81	40	16	0.37	87	14
2015	1.01	0.35	576	95	1.60	10	9	0.22	40	9	0.78	42	14	0.39	41	5
2016	0.96	0.32	572	101	1.56	11	10	0.41	75	14	0.83	42	18	0.37	17	3
RATIO 100 --- TOTAL TAX EXPENSE PER CONSUMER																
2012	56.67	22.70	588	111	93.80	9	8	15.01	44	10	49.66	37	14	27.79	113	22
2013	62.90	23.52	587	96	97.03	10	9	23.20	45	10	54.39	40	15	23.27	152	18
2014	65.00	24.22	591	87	98.15	10	9	15.96	41	6	53.75	40	15	22.57	87	8
2015	70.09	21.54	576	68	104.69	10	9	14.89	40	5	53.04	42	14	23.28	41	6
2016	75.34	21.03	572	63	103.05	11	10	22.91	75	10	57.25	42	15	24.35	17	3

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Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 101 --- TOTAL FIXED EXPENSES PER TOTAL KWH SOLD (MILLS)																
2012	59.51	83.84	813	744	47.76	9	2	83.45	59	52	49.40	41	4	82.56	152	138
2013	58.21	84.61	815	760	52.17	10	2	84.15	60	55	50.95	44	6	84.30	202	189
2014	65.49	86.86	813	724	54.43	10	2	87.47	58	52	53.07	44	4	87.69	111	98
2015	69.96	85.70	811	663	55.59	10	2	87.19	57	50	54.29	44	4	78.02	53	40
2016	71.13	85.40	809	676	59.59	11	2	84.42	98	78	56.75	45	4	79.35	27	22
RATIO 102 --- TOTAL FIXED EXPENSES PER CONSUMER (\$)																
2012	790.95	1,637.96	813	801	1,292.19	9	9	1,578.45	59	57	1,072.12	41	37	1,666.94	152	149
2013	812.83	1,693.85	815	800	1,285.09	10	10	1,678.22	60	59	1,152.25	44	40	1,671.42	202	199
2014	877.32	1,766.17	813	797	1,367.42	10	10	1,763.68	58	57	1,190.62	44	39	1,782.48	111	110
2015	895.57	1,713.92	811	790	1,360.29	10	9	1,692.39	57	56	1,192.00	44	38	1,997.29	53	53
2016	915.83	1,695.63	809	783	1,341.19	11	10	1,624.16	98	96	1,212.49	45	38	2,040.07	27	27
TOTAL EXPENSES (RATIOS 103-107)																
RATIO 103 --- TOTAL OPERATING EXPENSES PER TOTAL KWH SOLD (MILLS)																
2012	42.05	21.98	813	45	22.16	9	1	22.78	59	4	23.15	41	3	22.50	152	9
2013	41.97	21.76	815	50	21.15	10	1	21.87	60	4	23.11	44	2	21.35	202	10
2014	44.97	22.20	813	43	20.31	10	1	22.13	58	3	23.22	44	2	21.23	111	6
2015	50.39	23.16	811	36	22.31	10	1	24.81	57	3	23.92	44	3	20.50	53	2
2016	45.17	23.56	809	48	20.82	11	1	23.84	98	3	24.70	45	3	19.89	27	2
RATIO 104 --- TOTAL OPERATING EXPENSES PER CONSUMER (\$)																
2012	558.82	441.40	813	179	620.95	9	6	440.82	59	12	558.82	41	21	441.29	152	31
2013	586.11	459.84	815	164	629.20	10	6	474.44	60	10	561.91	44	21	448.02	202	33
2014	602.47	471.98	813	169	634.10	10	6	486.51	58	10	576.27	44	20	461.97	111	25
2015	645.05	482.46	811	134	643.23	10	5	494.46	57	7	575.87	44	18	533.42	53	12
2016	581.58	494.06	809	233	581.58	11	6	486.66	98	22	577.08	45	22	517.64	27	10
RATIO 105 --- TOTAL COST OF SERVICE (MINUS POWER COSTS) PER TOTAL KWH SOLD (MILLS)																
2012	63.81	36.21	813	51	36.37	9	1	38.97	59	4	36.41	41	2	37.31	152	10
2013	63.46	36.15	815	56	37.84	10	1	37.78	60	5	37.72	44	2	35.27	202	14
2014	69.45	36.57	813	46	38.78	10	1	37.27	58	3	38.13	44	2	35.46	111	8
2015	78.67	37.95	811	33	40.97	10	1	41.17	57	2	39.26	44	2	31.29	53	2
2016	74.93	38.50	809	46	40.96	11	1	40.36	98	3	40.55	45	2	32.61	27	2
RATIO 106 --- TOTAL COST OF ELECTRIC SERVICE PER TOTAL KWH SOLD (MILLS)																
2012	101.56	104.95	813	459	69.57	9	1	104.28	59	32	70.79	41	2	104.61	152	85
2013	100.18	105.90	815	496	72.80	10	1	104.13	60	37	71.86	44	2	104.33	202	117
2014	110.47	108.72	813	379	74.46	10	1	108.91	58	25	74.80	44	2	108.91	111	48
2015	120.34	109.04	811	232	78.77	10	1	110.33	57	16	77.94	44	2	100.79	53	7
2016	116.30	108.55	809	284	79.00	11	1	108.61	98	33	79.03	45	2	106.43	27	9

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 107 --- TOTAL COST OF ELECTRIC SERVICE PER CONSUMER (\$)																
2012	1,349.77	2,063.59	813	781	1,913.14	9	8	2,027.54	59	57	1,606.33	41	36	2,074.29	152	143
2013	1,398.94	2,135.19	815	782	1,850.25	10	8	2,102.44	60	58	1,654.10	44	36	2,100.03	202	193
2014	1,479.79	2,223.22	813	773	1,950.03	10	9	2,258.46	58	55	1,696.80	44	35	2,332.77	111	106
2015	1,540.62	2,188.72	811	747	1,941.34	10	8	2,173.68	57	53	1,725.62	44	32	2,532.16	53	51
2016	1,497.41	2,188.66	809	761	1,745.63	11	10	2,116.08	98	90	1,745.63	45	37	2,676.11	27	27
EMPLOYEES (RATIOS 108-113)																
RATIO 108 --- AVERAGE WAGE RATE PER HOUR (\$)																
2012	38.48	31.51	812	76	39.88	9	8	32.79	59	6	39.01	41	24	31.54	151	16
2013	40.33	32.41	814	75	42.45	10	9	33.17	60	4	40.43	44	23	32.02	202	17
2014	42.06	33.16	812	63	43.09	10	8	33.94	58	5	41.75	44	22	33.01	111	10
2015	42.92	34.35	810	59	45.98	10	9	34.56	57	5	42.68	44	21	33.72	53	4
2016	43.45	35.19	808	69	45.43	11	9	35.10	98	10	43.14	45	22	36.78	27	2
RATIO 109 --- TOTAL WAGES PER TOTAL KWH SOLD (MILLS)																
2012	22.56	11.42	812	58	12.63	9	1	11.77	59	5	12.75	41	3	11.87	151	10
2013	22.11	11.33	814	56	12.80	10	1	11.29	60	5	13.06	44	3	11.23	202	9
2014	24.31	11.24	812	43	12.70	10	1	11.01	58	3	13.15	44	2	11.27	111	6
2015	25.84	11.95	810	45	13.94	10	1	11.59	57	2	13.94	44	3	10.10	53	1
2016	24.90	12.17	808	47	13.81	11	1	12.15	98	3	14.00	45	3	10.77	27	1
RATIO 110 --- TOTAL WAGES PER CONSUMER (\$)																
2012	299.89	233.03	812	207	312.51	9	6	228.71	59	15	300.20	41	22	231.31	151	36
2013	308.78	236.93	814	199	291.89	10	5	235.82	60	13	306.50	44	22	225.88	202	39
2014	325.65	237.15	812	173	317.10	10	5	237.19	58	9	316.56	44	20	253.84	111	25
2015	330.85	243.75	810	174	337.78	10	6	238.95	57	8	329.86	44	22	263.00	53	12
2016	320.66	252.62	808	210	320.66	11	6	247.38	98	13	319.99	45	21	267.37	27	10
RATIO 111 --- OVERTIME HOURS/TOTAL HOURS (%)																
2012	1.96	4.47	812	760	4.43	9	8	4.67	59	58	4.08	41	37	4.19	152	145
2013	3.17	4.45	814	622	3.15	10	5	4.30	60	51	3.14	44	21	4.39	202	156
2014	3.11	4.40	812	618	4.04	10	8	4.34	58	47	3.77	44	31	4.63	111	89
2015	3.88	4.52	810	498	4.69	10	7	4.26	57	36	4.13	44	24	5.09	53	35
2016	3.46	4.56	808	566	4.43	11	8	5.07	98	78	3.46	45	23	4.44	27	20
RATIO 112 --- CAPITALIZED PAYROLL / TOTAL PAYROLL (%)																
2012	12.21	22.54	810	766	20.27	9	9	22.12	59	54	16.91	41	33	22.77	151	141
2013	13.78	21.93	811	729	16.60	10	8	21.91	60	54	17.98	44	31	22.25	202	187
2014	13.57	21.70	810	720	15.18	10	8	22.41	58	52	16.04	44	30	22.82	111	98
2015	13.28	21.58	808	731	17.58	10	7	21.94	57	53	18.28	44	30	21.61	53	51
2016	14.58	21.93	805	703	19.95	11	8	23.12	98	90	17.16	44	29	22.45	27	25

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 113 --- AVERAGE CONSUMERS PER EMPLOYEE																
2012	293.70	299.13	813	420	269.31	9	4	293.70	59	30	259.34	41	17	294.20	152	77
2013	290.04	303.83	815	442	306.02	10	6	294.24	60	34	266.33	44	19	307.43	202	113
2014	269.05	308.27	813	501	282.90	10	6	301.02	58	38	271.22	44	24	283.37	111	60
2015	287.17	306.46	811	454	289.87	10	6	313.60	57	35	280.21	44	20	270.78	53	23
2016	295.92	305.62	809	440	295.92	11	6	312.02	98	65	275.46	45	20	280.71	27	12
GROWTH (RATIOS 114-121)																
RATIO 114 --- ANNUAL GROWTH IN KWH SOLD (%)																
2012	-9.63	-2.02	811	784	-1.54	9	9	-2.20	58	56	-0.41	41	41	-1.95	152	146
2013	5.84	3.13	811	192	3.11	9	3	4.19	60	18	2.54	42	7	3.23	202	50
2014	-4.03	2.49	811	755	0.18	10	10	3.03	57	53	-0.46	44	39	2.47	111	103
2015	-3.56	-1.91	811	548	-0.91	10	9	-2.30	57	36	-2.18	44	37	-0.27	53	41
2016	1.65	0.48	806	286	0.74	10	5	0.50	97	29	0.71	44	18	0.27	27	12
RATIO 115 --- ANNUAL GROWTH IN NUMBER OF CONSUMERS (%)																
2012	0.92	0.43	811	205	0.92	9	5	0.38	58	16	0.55	41	10	0.52	152	40
2013	0.73	0.50	811	325	1.11	9	7	0.40	60	25	0.75	42	22	0.48	202	74
2014	0.04	0.52	811	655	1.02	10	8	0.35	57	41	0.70	44	34	0.75	111	93
2015	0.91	0.56	811	268	1.10	10	6	0.47	57	14	0.90	44	22	0.97	53	29
2016	1.06	0.62	806	214	1.16	10	6	0.61	97	29	0.81	44	19	0.78	27	11
RATIO 116 --- ANNUAL GROWTH IN TUP DOLLARS (%)																
2012	3.23	3.85	811	537	4.19	9	7	3.78	58	41	3.27	41	23	4.47	152	125
2013	5.28	3.76	811	206	4.28	9	3	3.80	60	18	3.25	42	7	3.91	202	41
2014	9.15	3.77	811	49	5.16	10	1	3.83	57	2	2.85	44	1	5.22	111	10
2015	7.40	3.76	811	93	4.17	10	1	3.62	57	9	3.16	44	3	6.74	53	20
2016	13.59	3.57	806	20	4.25	10	1	3.62	97	5	2.83	44	1	5.81	27	2
RATIO 117 --- CONST. W.I.P. TO PLANT ADDITIONS (%)																
2012	34.56	27.43	808	337	27.09	9	4	23.27	59	25	22.60	41	17	32.96	152	72
2013	58.11	26.91	807	199	45.66	9	4	28.10	60	16	21.47	42	10	31.31	201	55
2014	102.44	27.55	807	100	71.15	9	2	22.07	58	8	34.34	43	7	27.98	111	18
2015	33.11	23.34	803	330	33.56	10	6	26.57	57	26	31.17	43	20	37.24	53	28
2016	229.06	23.76	805	28	84.20	11	2	21.10	97	4	27.15	45	3	22.88	27	5
RATIO 118 --- NET NEW SERVICES TO TOTAL SERVICES (%)																
2012	0.82	0.60	806	289	0.82	9	5	0.68	58	23	0.62	40	14	0.66	150	59
2013	0.05	0.61	810	694	0.98	10	7	0.62	60	54	0.53	44	35	0.59	202	173
2014	0.80	0.60	800	304	0.95	10	7	0.57	57	13	0.76	44	21	0.74	108	51
2015	0.97	0.60	806	233	0.81	10	5	0.54	57	14	0.72	43	17	0.98	52	27
2016	1.02	0.60	801	216	0.76	11	5	0.62	98	31	0.76	45	17	0.52	24	8

**2016 Key Ratio Trend Analysis (KRTA)
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		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 119 --- ANNUAL GROWTH IN TOTAL CAPITALIZATION (%)																
2012	2.36	3.68	811	526	2.91	9	6	3.37	58	36	2.81	41	25	3.75	152	110
2013	3.96	5.51	811	534	3.96	9	5	6.00	60	44	3.89	42	21	5.28	202	134
2014	11.49	3.26	811	52	4.87	10	1	3.76	57	1	2.22	44	2	4.69	111	7
2015	12.91	3.19	811	45	1.04	10	1	3.11	57	6	0.70	44	1	5.86	53	9
2016	7.24	3.06	806	136	1.81	10	2	3.43	97	15	1.81	44	5	5.10	27	9
RATIO 120 --- 2 YR. COMPOUND GROWTH IN TOTAL CAPITALIZATION (%)																
2012	5.80	3.90	811	233	4.08	9	4	3.42	58	19	3.39	41	9	4.58	152	53
2013	3.16	4.82	810	576	6.40	9	7	5.07	59	41	3.51	43	25	4.84	202	150
2014	7.66	4.65	808	152	5.64	9	3	4.70	57	7	3.48	42	6	5.45	111	31
2015	12.20	3.54	809	28	2.57	10	1	3.03	56	2	1.74	44	2	6.65	53	6
2016	10.04	3.31	805	51	1.88	10	2	3.81	97	6	1.46	44	2	7.75	27	8
RATIO 121 --- 5 YR. COMPOUND GROWTH IN TOTAL CAPITALIZATION (%)																
2012	4.30	4.67	808	464	5.37	9	6	4.91	58	38	4.13	41	19	5.32	152	114
2013	4.23	4.84	809	498	5.96	9	6	4.96	59	37	3.47	43	20	4.86	202	139
2014	5.66	4.49	805	258	5.66	9	5	4.29	56	19	3.55	43	11	5.74	111	60
2015	7.94	4.33	805	93	4.94	9	3	3.83	55	6	3.35	43	6	6.77	53	16
2016	7.51	4.07	799	90	3.11	9	3	4.48	96	12	2.87	43	6	7.20	27	12
PLANT (RATIOS 122-145)																
RATIO 122 --- TUP INVESTMENTS PER TOTAL KWH SOLD (CENTS)																
2012	43.18	26.26	813	81	23.39	9	1	28.11	59	7	28.59	41	3	28.20	152	13
2013	42.95	26.69	815	86	22.16	10	1	27.71	60	7	27.13	44	3	26.50	202	21
2014	48.85	27.12	813	63	23.57	10	1	28.51	58	4	27.75	44	2	27.43	111	13
2015	54.40	28.78	811	58	25.24	10	1	30.36	57	4	29.20	44	2	27.06	53	3
2016	60.80	29.97	809	40	26.16	11	1	28.37	98	2	30.30	45	2	30.35	27	1
RATIO 123 --- TUP INVESTMENT PER CONSUMER (\$)																
2012	5,738.20	5,190.76	813	332	7,008.39	9	6	5,404.55	59	26	6,301.81	41	25	5,269.52	152	68
2013	5,997.30	5,388.50	815	322	6,610.81	10	6	5,674.49	60	27	6,396.66	44	25	5,414.60	202	73
2014	6,543.69	5,550.92	813	280	6,942.65	10	6	5,761.99	58	19	6,562.48	44	24	5,675.81	111	42
2015	6,964.61	5,720.11	811	259	7,171.71	10	6	6,022.74	57	18	6,914.41	44	21	6,390.17	53	20
2016	7,827.97	5,883.31	809	202	7,827.97	11	6	5,679.44	98	15	7,089.99	45	19	7,721.92	27	12
RATIO 124 --- TUP INVESTMENT PER MILE OF LINE (\$)																
2012	63,777.07	29,417.94	813	66	49,916.56	9	3	27,505.85	59	3	40,568.59	41	8	30,197.14	152	18
2013	66,794.21	30,849.84	814	65	58,757.81	10	5	30,216.33	60	3	44,052.83	44	10	30,357.40	202	15
2014	72,314.61	32,243.89	812	53	61,659.84	10	4	32,223.09	58	2	45,105.75	44	8	32,206.71	111	10
2015	77,691.47	33,467.28	810	49	63,344.48	10	4	32,572.14	57	2	47,838.78	44	6	29,922.70	53	3
2016	88,189.60	34,264.35	808	39	80,376.70	11	5	35,288.11	98	6	51,229.80	45	6	33,202.81	27	3

**2016 Key Ratio Trend Analysis (KRTA)
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Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 125 --- AVERAGE CONSUMERS PER MILE																
2012	11.11	5.97	813	109	6.73	9	3	5.41	59	4	6.44	41	7	6.04	152	22
2013	11.14	6.01	814	115	6.92	10	4	5.40	60	4	6.66	44	9	6.10	202	24
2014	11.05	6.02	812	115	6.90	10	4	5.91	58	4	6.67	44	9	6.30	111	17
2015	11.16	6.00	810	113	6.92	10	4	5.86	57	4	6.85	44	9	4.62	53	5
2016	11.27	6.03	808	114	9.25	11	5	6.19	98	9	7.08	45	10	4.30	27	3
RATIO 126 --- DISTRIBUTION PLANT PER TOTAL KWH SOLD (MILLS)																
2012	285.00	220.48	813	180	191.50	9	2	234.62	59	15	227.10	41	7	233.42	152	38
2013	278.49	222.19	814	211	179.63	9	2	231.30	60	17	220.78	43	9	224.00	202	55
2014	303.62	227.53	812	152	182.33	9	2	242.44	58	13	223.97	43	9	218.10	111	19
2015	342.55	239.74	811	123	197.89	10	2	257.20	57	10	233.19	44	5	215.03	53	3
2016	348.43	246.72	808	136	219.96	10	2	245.11	98	10	235.41	44	6	221.79	27	4
RATIO 127 --- DISTRIBUTION PLANT PER CONSUMER (\$)																
2012	3,787.76	4,344.49	813	566	6,065.86	9	8	4,470.07	59	47	4,733.78	41	35	4,464.39	152	112
2013	3,888.97	4,497.59	814	570	6,256.79	9	8	4,587.15	60	49	4,825.38	43	36	4,446.31	202	140
2014	4,067.31	4,623.89	812	555	6,363.30	9	8	4,689.06	58	46	4,893.22	43	36	4,664.32	111	77
2015	4,385.19	4,747.36	811	511	5,583.16	10	8	4,831.69	57	43	5,062.84	44	33	5,004.93	53	35
2016	4,486.37	4,898.87	808	512	4,677.89	10	7	4,617.72	98	56	5,089.06	44	33	5,835.04	27	21
RATIO 128 --- DISTRIBUTION PLANT PER EMPLOYEE (\$)																
2012	1,112,464.70	1,313,328.99	813	605	1,354,420.29	9	8	1,353,619.00	59	46	1,317,784.09	41	30	1,330,348.52	152	123
2013	1,127,954.25	1,366,714.35	814	630	1,385,432.00	9	8	1,405,787.18	60	49	1,353,233.36	43	34	1,388,845.72	202	162
2014	1,094,328.84	1,423,872.86	812	680	1,299,057.35	9	8	1,492,741.32	58	47	1,352,995.90	43	36	1,420,777.65	111	91
2015	1,259,309.50	1,478,032.25	811	610	1,398,354.25	10	8	1,540,565.04	57	44	1,416,013.97	44	32	1,443,224.25	53	40
2016	1,327,614.02	1,524,640.94	808	584	1,411,603.91	10	7	1,466,446.91	98	71	1,432,561.08	44	27	1,423,635.71	27	18
RATIO 129 --- GENERAL PLANT PER TOTAL KWH SOLD (MILLS)																
2012	40.43	17.17	812	40	17.20	9	1	18.43	59	4	18.56	41	2	19.02	152	7
2013	42.28	17.42	813	39	19.57	10	2	16.75	60	2	19.09	44	3	18.02	202	10
2014	51.76	17.77	811	24	19.42	10	2	18.27	58	2	19.85	44	2	18.67	111	3
2015	66.83	19.25	807	15	22.51	9	1	18.72	57	1	21.25	43	1	16.52	53	1
2016	79.48	19.57	805	13	24.80	9	1	17.98	98	1	21.58	43	1	22.00	27	1
RATIO 130 --- GENERAL PLANT PER CONSUMER (\$)																
2012	537.38	354.59	812	165	462.38	9	4	354.64	59	10	433.93	41	15	357.63	152	30
2013	590.41	366.46	813	141	536.52	10	4	361.16	60	9	451.75	44	14	342.38	202	27
2014	693.31	380.29	811	104	546.99	10	3	375.21	58	5	467.08	44	12	406.12	111	17
2015	855.58	394.85	807	63	592.41	9	2	366.77	57	5	489.01	43	8	436.66	53	4
2016	1,023.36	418.53	805	34	580.46	9	2	373.19	98	2	479.92	43	4	507.27	27	3

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 131 --- GENERAL PLANT PER EMPLOYEE (\$)																
2012	157,828.52	100,971.68	812	71	121,618.43	9	1	103,353.03	59	5	120,647.93	41	7	106,294.48	152	13
2013	171,240.98	105,885.40	813	64	141,668.94	10	2	109,108.43	60	7	123,380.57	44	10	106,812.86	202	13
2014	186,539.04	108,511.30	811	54	149,003.29	10	2	112,439.64	58	5	128,834.64	44	7	113,686.54	111	6
2015	245,700.33	114,097.02	807	15	147,279.11	9	2	119,523.03	57	2	130,396.40	43	2	112,746.75	53	3
2016	302,833.73	119,026.00	805	11	126,961.42	9	2	117,159.26	98	2	127,593.35	43	2	136,501.75	27	1
RATIO 132 --- HEADQUARTERS PLANT PER TOTAL KWH SOLD (MILLS)																
2012	9.82	8.76	763	330	9.90	8	5	10.34	56	30	9.90	36	19	10.32	139	75
2013	11.26	8.94	763	283	10.64	8	4	12.09	57	31	10.46	38	18	9.60	192	75
2014	11.26	9.31	763	305	10.78	8	4	12.06	55	30	10.78	38	19	9.93	106	47
2015	14.16	10.00	761	246	10.70	7	3	13.07	52	22	11.51	37	13	8.96	50	16
2016	14.81	10.52	758	252	10.61	7	3	11.19	94	31	12.24	37	14	14.81	25	13
RATIO 133 --- HEADQUARTERS PLANT PER CONSUMER (\$)																
2012	130.47	186.15	763	526	266.61	8	8	201.16	56	41	289.95	36	30	213.32	139	106
2013	157.19	197.56	763	478	266.58	8	8	261.45	57	43	268.23	38	31	194.92	192	127
2014	150.82	207.60	763	509	287.39	8	8	260.05	55	41	271.57	38	31	230.87	106	71
2015	181.29	217.97	761	468	241.73	7	6	258.90	52	36	281.66	37	28	248.17	50	33
2016	190.74	231.25	758	467	190.74	7	4	248.14	94	57	284.41	37	28	371.43	25	20
RATIO 134 --- HEADQUARTERS PLANT PER EMPLOYEE (\$)																
2012	38,319.06	52,037.56	763	529	67,586.96	8	7	59,511.79	56	40	69,424.86	36	29	60,030.83	139	105
2013	45,592.06	56,399.50	763	473	71,111.96	8	7	66,515.71	57	41	69,570.74	38	29	56,736.98	192	128
2014	40,577.55	59,149.23	763	555	66,595.88	8	7	67,979.75	55	42	68,135.46	38	30	58,225.76	106	80
2015	52,062.31	62,853.94	761	472	65,819.89	7	6	69,355.59	52	34	68,024.86	37	28	69,543.41	50	31
2016	56,445.29	68,114.77	758	463	60,909.78	7	5	73,550.18	94	61	75,536.92	37	27	94,754.53	25	17
RATIO 135 --- TRANSMISSION PLANT PER TOTAL KWH SOLD (MILLS)																
2012	83.88	13.20	410	14	3.24	7	1	15.10	27	2	19.69	36	3	10.65	76	1
2013	80.83	13.35	412	16	3.69	7	1	17.75	29	2	20.38	37	3	15.34	105	3
2014	85.26	13.25	410	14	5.54	7	1	18.22	28	1	19.93	37	2	13.12	63	3
2015	94.35	14.16	409	12	6.05	7	1	16.96	28	1	21.71	37	2	12.92	30	1
2016	93.14	14.39	409	16	6.14	8	1	14.36	41	1	22.88	38	2	21.53	16	1
RATIO 136 --- TRANSMISSION PLANT PER CONSUMER (\$)																
2012	1,114.76	267.62	410	39	73.34	7	1	373.56	27	4	405.54	36	7	227.49	76	5
2013	1,128.69	279.67	412	43	75.84	7	1	416.12	29	4	439.00	37	7	352.23	105	10
2014	1,142.11	293.34	410	49	127.72	7	1	368.07	28	3	453.90	37	7	266.94	63	8
2015	1,207.81	297.38	409	47	129.64	7	1	366.04	28	3	452.28	37	7	335.69	30	2
2016	1,199.22	299.06	409	56	185.64	8	1	283.72	41	8	452.53	38	7	428.99	16	4

**2016 Key Ratio Trend Analysis (KRTA)
Orcas Power and Light Cooperative (WA009)**

Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 137 --- TRANSMISSION PLANT PER EMPLOYEE (\$)																
2012	327,406.30	75,014.91	410	25	21,237.64	7	1	81,065.96	27	2	125,960.34	36	3	73,702.17	76	3
2013	327,364.00	78,874.97	412	30	24,912.86	7	1	92,274.31	29	4	122,655.90	37	4	94,031.19	105	6
2014	307,290.47	79,015.43	410	41	49,589.43	7	1	89,558.21	28	5	119,793.40	37	4	79,211.27	63	7
2015	346,850.17	82,892.23	409	34	50,361.20	7	1	91,846.58	28	3	129,284.54	37	4	79,572.66	30	2
2016	354,874.98	81,518.22	409	39	55,679.47	8	1	79,804.60	41	5	144,868.09	38	4	102,622.37	16	4
RATIO 138 --- IDLE SERVICES TO TOTAL SERVICE (%)																
2012	7.23	7.88	791	424	2.88	9	1	10.10	57	39	3.37	39	6	8.05	149	80
2013	6.66	7.60	793	454	2.48	10	1	9.57	58	39	4.11	42	9	7.29	193	110
2014	7.66	7.71	792	399	2.34	10	1	9.90	56	36	3.59	42	8	8.59	108	61
2015	7.90	7.44	789	370	2.78	10	1	10.53	55	36	3.14	42	6	8.84	52	30
2016	8.01	7.34	789	359	2.68	11	2	8.89	97	54	3.23	43	9	7.05	26	13
RATIO 139 --- LINE LOSS (%)																
2012	8.94	5.80	812	87	5.33	9	1	6.08	58	7	5.91	41	5	5.80	152	18
2013	5.01	5.64	814	523	5.08	10	6	5.86	59	40	6.04	44	32	5.74	202	135
2014	6.52	5.28	811	201	4.93	10	3	5.87	57	20	5.42	44	12	5.51	110	26
2015	6.21	5.11	808	242	5.43	10	4	5.77	56	22	6.19	44	22	4.62	53	16
2016	6.52	5.53	806	258	5.05	11	3	5.48	98	25	6.26	45	20	5.20	27	10
RATIO 140 --- SYSTEM AVG. INTERRUPTION DURATION INDEX (SAIDI) - POWER SUPPLIER																
2012	390.00	12.16	813	13	43.80	9	1	7.98	59	1	15.71	41	1	9.32	152	3
2013	0.00	13.56	815	808	47.64	10	9	17.98	60	60	28.50	44	42	9.74	202	200
2014	358.00	11.40	813	12	11.58	10	3	12.84	58	2	8.30	44	3	6.18	111	2
2015	122.00	11.80	811	83	85.77	10	2	15.13	57	6	18.95	44	10	12.97	53	5
2016	0.00	12.96	809	800	0.90	11	7	12.45	98	96	8.44	45	41	8.80	27	27
RATIO 141 --- SYSTEM AVG. INTERRUPTION DURATION INDEX (SAIDI) - EXTREME STORM																
2012	0.00	16.06	813	798	47.90	9	6	1.10	59	57	20.38	41	37	16.12	152	149
2013	0.00	25.57	815	797	10.75	10	6	29.60	60	59	13.70	44	39	22.59	202	197
2014	0.00	19.75	813	798	37.89	10	7	4.56	58	57	23.50	44	40	3.00	111	109
2015	507.00	22.20	811	62	376.26	10	5	15.20	57	6	30.39	44	8	46.27	53	7
2016	0.00	33.00	809	793	1.02	11	7	35.87	98	97	3.00	45	40	6.60	27	27
RATIO 142 --- SYSTEM AVG. INTERRUPTION DURATION INDEX (SAIDI) - PREARRANGED																
2012	42.00	2.10	813	44	8.27	9	1	1.94	59	4	9.60	41	8	2.41	152	9
2013	40.00	2.40	815	45	15.49	10	4	2.74	60	3	10.73	44	9	3.00	202	10
2014	27.00	2.61	813	85	3.54	10	1	2.51	58	6	6.48	44	13	2.80	111	15
2015	11.00	2.73	811	170	3.94	10	2	5.22	57	13	5.73	44	18	2.00	53	12
2016	23.70	2.69	809	91	7.56	11	3	2.44	98	12	8.90	45	15	3.69	27	4

**2016 Key Ratio Trend Analysis (KRTA)
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Year	System Value	US Total			State Grouping			Consumer Size			Major Current Power Supplier			Plant Growth (2011-2016)		
		Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank	Median	NBR	Rank
RATIO 143 --- SYSTEM AVG. INTERRUPTION DURATION INDEX (SAIDI) - ALL OTHER																
2012	28.00	87.00	813	712	117.65	9	8	107.34	59	51	87.13	41	33	81.60	152	132
2013	20.00	89.41	815	732	92.93	10	8	88.00	60	52	100.76	44	35	99.39	202	186
2014	179.00	88.67	813	156	105.22	10	4	111.25	58	15	100.67	44	13	74.90	111	16
2015	224.00	99.78	811	114	64.63	10	2	120.00	57	13	98.58	44	6	127.72	53	15
2016	284.30	103.00	809	72	96.51	11	2	108.60	98	11	108.83	45	5	89.00	27	4
RATIO 144 --- SYSTEM AVG. INTERRUPTION DURATION INDEX (SAIDI) - TOTAL																
2012	460.00	175.84	813	130	223.61	9	2	169.20	59	11	229.57	41	8	181.24	152	19
2013	60.00	190.27	815	718	216.36	10	9	190.41	60	53	223.98	44	34	184.69	202	180
2014	564.00	179.70	813	82	201.36	10	4	185.28	58	6	185.35	44	10	139.95	111	7
2015	864.00	194.60	811	67	585.34	10	5	229.23	57	5	253.96	44	10	210.24	53	9
2016	308.00	205.00	809	270	250.00	11	4	215.16	98	30	220.58	45	13	176.10	27	8
RATIO 145 --- AVG. SERVICE AVAILABILITY INDEX (ASAI) - TOTAL (%)																
2012	99.91	99.97	813	684	99.96	9	8	99.97	59	49	99.96	41	34	99.97	152	134
2013	99.99	99.96	815	98	99.96	10	2	99.96	60	8	99.96	44	11	99.96	202	23
2014	99.89	99.97	813	732	99.96	10	7	99.96	58	53	99.96	44	35	99.97	111	105
2015	99.84	99.96	811	745	99.89	10	6	99.96	57	53	99.95	44	35	99.96	53	45
2016	99.94	99.96	809	541	99.95	11	8	99.96	98	69	99.96	45	33	99.97	27	20