

**EXHIBIT NO. ___(JAP-3)
DOCKET NO. UE-14_____
2014 PSE PCORC
WITNESS: JON A. PILIARIS**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY, INC.,

Respondent.

Docket No. UE-14_____

**SECOND EXHIBIT (NONCONFIDENTIAL) TO THE
PREFILED DIRECT TESTIMONY OF
JON A. PILIARIS
ON BEHALF OF PUGET SOUND ENERGY, INC.**

MAY 23, 2014

Puget Sound Energy Calculation of Schedule 95 Rate												
Line No.	Customer Class	Rate Schedule	Docket No. UE-111048 Energy Allocator (Note 1)	81% Energy (Note 2)	Docket No. UE-111048 Demand Allocator (Note 3)	19% Demand (Note 2)	Weighted Allocation	2014 PCA Revenue Surplus	2014 PCA Revenue Surplus	Delivered kWh Test Year Ending December 2013	2014 PCA Effective December 2014	
			a	b = 19%* a / sum(a)	c	d = 19%* c / sum(c)	e = b + d	f	g = e * f	h	i = g / h * 100	
1	Residential	7	11,660,620,432	0.413419	2,556,735	0.119092	0.532510	\$ (10,719,896)	\$ (10,719,896)	10,704,689,132	-0.1001 ¢	
2	Sec Gen Svc - Small	8 & 24	2,822,861,364	0.100082	443,234	0.020646	0.120728	\$ (2,430,362)	\$ (2,430,362)	2,631,310,630	-0.0924 ¢	
3	Sec Gen Svc - Medium	11, 25 & 7A	3,169,146,063	0.112360	449,014	0.020915	0.133275	\$ (2,682,934)	\$ (2,682,934)	2,915,406,534	-0.0920 ¢	
4	Sec Gen Svc - Large	12, 26 & 26P	2,157,691,595	0.076499	284,128	0.013235	0.089734	\$ (1,806,422)	\$ (1,806,422)	1,903,096,551	-0.0949 ¢	
5	Sec Irrigation Svc	29	15,687,149	0.000556	1,036	0.000048	0.000604	\$ (12,168)	\$ (12,168)	14,047,529	-0.0866 ¢	
6	Pri Gen Svc	10 & 31	1,367,953,304	0.048500	165,976	0.007731	0.056231	\$ (1,131,976)	\$ (1,131,976)	1,316,794,760	-0.0860 ¢	
7	Pri Irrigation Svc	35	4,806,559	0.000170	4	0.000000	0.000171	\$ (3,434)	\$ (3,434)	4,593,600	-0.0748 ¢	
8	Pri Interruptible Svc	43	154,110,146	0.005464	-	-	0.005464	\$ (109,992)	\$ (109,992)	130,432,926	-0.0843 ¢	
9												
10												
11	Campus Rate - Primary & Secondary Voltage	40	801,873,373	0.028430	96,820	0.004510	0.032940	\$ (663,104)	\$ (663,104)	696,662,806	-0.0952 ¢	
12	Campus Rate - High Voltage	40	-	-	-	-	-			-	-0.0701 ¢	
13												
14	High Voltage Interruptible	46	53,295,879	0.001890	-	-	0.001890	\$ (38,039)	\$ (38,039)	47,291,096	-0.0804 ¢	
15	High Voltage General Service	49	539,784,441	0.019138	69,540	0.003239	0.022377	\$ (450,464)	\$ (450,464)	642,757,416	-0.0701 ¢	
16												
17	Lights	50-59	90,893,526	0.003223	10,941	0.000510	0.003732	\$ (75,132)	\$ (75,132)	80,910,222	-0.0929 ¢	
18												
19	Firm Resale		7,606,107	0.000270	1,617	0.000075	0.000345	\$ (6,945)	\$ (6,945)	7,354,696	-0.0944 ¢	
20												
21	Subtotal		22,846,329,938	0.810000	4,079,044	0.190000	1.000000	\$ (20,130,869)	\$ (20,130,869)	21,095,347,897	-0.0954 ¢	
22												
23	Transportation Primary Voltage	449 / 459								82,463,152		
24	Transportation High Voltage	449 / 459								2,006,971,729		
25												
26	Total		22,846,329,938		4,079,044					23,184,782,778		

Note 1 Source: Docket No. UE-111048 Compliance Cost of Service Workpapers, pages 37 & 47, "Energy 2" Allocator

Note 2 Source: Docket No. UE-111048 Compliance Cost of Service Workpapers, pages 4 & 21, "Peak Credit %" Allocator

Note 3 Source: Docket No. UE-111048 Compliance Cost of Service Workpapers, pages 37-41, "DEM-2B" Allocator

Puget Sound Energy												
Statement of Proforma and Proposed Revenues for Schedule 95												
Line No.	CUSTOMER CLASS	RATE SCHEDULE	Proforma	Proforma	2013	2014	REVENUE	REVENUE	REVENUE	REVENUE	INCREASE	INCREASE
			Delivered Test Year Ending December 2013 (Note 1)	Delivered Revenue Test Year Ending December 2013 (Note 1)	PCORC \$ per kWh Effective November 2013	PCORC \$ per kWh Effective December 2014	(Including Proposed Effective Sch 95 Revenue December 2013)	(Including Proposed Effective Sch 95 Revenue December 2014)	(Including Proposed Effective Sch 95 Revenue December 2013)	(Including Proposed Effective Sch 95 Revenue December 2014)	(DECREASE) \$	(DECREASE) \$
			a	b	c	d	e = b + (a * c)	f = b + (a * d)	g = f - e	h = g / e		
1	Residential	7	10,704,689,132	\$ 1,162,778,455	\$ (0.000528)	\$ (0.001001)	\$ 1,157,126,380	\$ 1,152,058,559	\$ (5,067,820)	-0.438%		
2												
3	Sec Gen Svc - Small	8 & 24	2,631,310,630	\$ 264,850,753	\$ (0.000490)	\$ (0.000924)	\$ 263,561,411	\$ 262,420,391	\$ (1,141,020)	-0.433%		
4	Sec Gen Svc - Medium	11, 25 & 7A	2,915,406,534	\$ 274,748,342	\$ (0.000478)	\$ (0.000920)	\$ 273,354,778	\$ 272,065,408	\$ (1,289,370)	-0.472%		
5	Sec Gen Svc - Large	12, 26 & 26P	1,903,096,551	\$ 161,984,815	\$ (0.000489)	\$ (0.000949)	\$ 161,054,201	\$ 160,178,393	\$ (875,808)	-0.544%		
6	Sec Irrigation Svc	29	14,047,529	\$ 1,313,643	\$ (0.000441)	\$ (0.000866)	\$ 1,307,448	\$ 1,301,476	\$ (5,973)	-0.457%		
7												
8	Secondary Service Total		7,463,861,244	\$ 702,897,554	\$ (0.000485)	\$ (0.000929)	\$ 699,277,838	\$ 695,965,668	\$ (3,312,170)	-0.474%		
9												
10	Pri Gen Svc	10 & 31	1,316,794,760	\$ 110,239,423	\$ (0.000458)	\$ (0.000860)	\$ 109,636,331	\$ 109,107,447	\$ (528,884)	-0.482%		
11	Pri Irrigation Svc	35	4,593,600	\$ 251,563	\$ (0.000440)	\$ (0.000748)	\$ 249,542	\$ 248,129	\$ (1,413)	-0.566%		
12	Pri Interruptible Svc	43	130,432,926	\$ 12,170,333	\$ (0.000428)	\$ (0.000843)	\$ 12,114,508	\$ 12,060,341	\$ (54,167)	-0.447%		
13												
14	Primary Service Total		1,451,821,286	\$ 122,661,319	\$ (0.000455)	\$ (0.000858)	\$ 122,000,380	\$ 121,415,916	\$ (584,464)	-0.479%		
15												
16	Campus Rate Total	40	696,662,806	\$ 50,813,007	\$ (0.000475)	\$ (0.000952)	\$ 50,482,092	\$ 50,149,903	\$ (332,189)	-0.658%		
17												
18	HV Interruptible Svc	46	47,291,096	\$ 3,295,838	\$ (0.000424)	\$ (0.000804)	\$ 3,275,787	\$ 3,257,800	\$ (17,987)	-0.549%		
19	HV Gen Svc	49	642,757,416	\$ 43,041,437	\$ (0.000390)	\$ (0.000701)	\$ 42,790,761	\$ 42,590,973	\$ (199,789)	-0.467%		
20												
21	High Voltage Service Total		690,048,512	\$ 46,337,275	\$ (0.000392)	\$ (0.000708)	\$ 46,066,549	\$ 45,848,773	\$ (217,776)	-0.473%		
22												
23	Lights		80,910,222	\$ 18,547,204	\$ (0.000471)	\$ (0.000929)	\$ 18,509,077	\$ 18,472,072	\$ (37,005)	-0.200%		
24												
25	Firm Resale		7,354,696	\$ 338,314	\$ (0.000479)	\$ (0.000944)	\$ 334,791	\$ 331,369	\$ (3,422)	-1.022%		
26												
27	Subtotal		21,095,347,897	\$ 2,104,373,128	\$ (0.000501)	\$ (0.000954)	\$ 2,093,797,106	\$ 2,084,242,259	\$ (9,554,847)	-0.456%		
28												
29	Pri Transportation	449 / 459	82,463,152	\$ 734,873	\$ -	\$ -	\$ 734,873	\$ 734,873	\$ -	0.000%		
30	HV Transportation	449 / 459	2,006,971,729	\$ 7,526,863	\$ -	\$ -	\$ 7,526,863	\$ 7,526,863	\$ -	0.000%		
31	Total Transportation		2,089,434,881	\$ 8,261,736	\$ -	\$ -	\$ 8,261,736	\$ 8,261,736	\$ -	0.000%		
32												
33	Total		23,184,782,778	\$ 2,112,634,863			\$ 2,102,058,841	\$ 2,092,503,995	\$ (9,554,847)	-0.455%		

Note 1 - Proforma Base Revenue Excludes Revenue Rider Schedules 95A, 120, 129, 132, 137 & 194 and Includes Revenue Rider Schedules 140, 141 & 142

Puget Sound Energy Calculation of Area and Street Light Rates													
Line No.	Schedule	Lighting Type	Lamp Type	Lamp Wattage	Ballast Losses	Billabl Watts	# hours / month	kWh / Month	\$ / kWh	Proposed Sch 95 Rate December 2014		Annual Revenue per lamp @ Proposed December 2014 Rate	
										a	b		c = b - a
1	3	Street	Flourescent	22	6	28	350	10	\$ (0.000878)	10	(0.01)	59	\$ (7)
2	50	Street	Mercury Vapor	100	15	115	350	40	\$ (0.000878)	40	(0.04)	22	\$ (11)
3	50	Street	Mercury Vapor	175	18	193	350	68	\$ (0.000878)	68	(0.06)	133	\$ (96)
4	50	Street	Mercury Vapor	400	30	430	350	151	\$ (0.000878)	151	(0.13)	121	\$ (189)
5	50	Street	Mercury Vapor	700	80	780	350	273	\$ (0.000878)	273	(0.24)	1	\$ (3)
6	50	Street	Mercury Vapor	1000	102	1,102	350	386	\$ (0.000878)	386	(0.34)	-	\$ -
7	52	Street	Metal Halide	70	13	83	350	29	\$ (0.000878)	29	(0.03)	65	\$ (23)
8	52	Street	Metal Halide	100	17	117	350	41	\$ (0.000878)	41	(0.04)	-	\$ -
9	52	Street	Metal Halide	150	21	171	350	60	\$ (0.000878)	60	(0.05)	191	\$ (115)
10	52	Street	Metal Halide	175	36	211	350	74	\$ (0.000878)	74	(0.06)	222	\$ (160)
11	52	Street	Metal Halide	250	39	289	350	101	\$ (0.000878)	101	(0.09)	61	\$ (66)
12	52	Street	Metal Halide	400	52	452	350	158	\$ (0.000878)	158	(0.14)	61	\$ (102)
13	52	Street	Metal Halide	1000	80	1,080	350	378	\$ (0.000878)	378	(0.33)	18	\$ (71)
14	52	Street	Sodium Vapor	50	8	58	350	20	\$ (0.000878)	20	(0.02)	-	\$ -
15	52	Street	Sodium Vapor	70	13	83	350	29	\$ (0.000878)	29	(0.03)	623	\$ (224)
16	52	Street	Sodium Vapor	100	17	117	350	41	\$ (0.000878)	41	(0.04)	9,980	\$ (4,790)
17	52	Street	Sodium Vapor	150	21	171	350	60	\$ (0.000878)	60	(0.05)	4,360	\$ (2,616)
18	52	Street	Sodium Vapor	200	27	227	350	79	\$ (0.000878)	79	(0.07)	1,157	\$ (972)
19	52	Street	Sodium Vapor	250	31	281	350	98	\$ (0.000878)	98	(0.09)	1,406	\$ (1,518)
20	52	Street	Sodium Vapor	310	73	383	350	134	\$ (0.000878)	134	(0.12)	153	\$ (220)
21	52	Street	Sodium Vapor	400	38	438	350	153	\$ (0.000878)	153	(0.13)	546	\$ (852)
22	53	Street	Sodium Vapor	50	8	58	350	20	\$ (0.000878)	20	(0.02)	29	\$ (7)
23	53	Street	Sodium Vapor	70	13	83	350	29	\$ (0.000878)	29	(0.03)	6,337	\$ (2,281)
24	53	Street	Sodium Vapor	100	17	117	350	41	\$ (0.000878)	41	(0.04)	45,492	\$ (21,836)
25	53	Street	Sodium Vapor	150	21	171	350	60	\$ (0.000878)	60	(0.05)	5,797	\$ (3,478)
26	53	Street	Sodium Vapor	200	27	227	350	79	\$ (0.000878)	79	(0.07)	8,476	\$ (7,120)
27	53	Street	Sodium Vapor	250	31	281	350	98	\$ (0.000878)	98	(0.09)	3,272	\$ (3,534)
28	53	Street	Sodium Vapor	310	73	383	350	134	\$ (0.000878)	134	(0.12)	56	\$ (81)
29	53	Street	Sodium Vapor	400	38	438	350	153	\$ (0.000878)	153	(0.13)	3,099	\$ (4,834)
30	53	Street	Sodium Vapor	1000	102	1,102	350	386	\$ (0.000878)	386	(0.34)	1	\$ (4)
31	53	Street	Metal Halide	70	13	83	350	29	\$ (0.000878)	29	(0.03)	-	\$ -
32	53	Street	Metal Halide	100	17	117	350	41	\$ (0.000878)	41	(0.04)	-	\$ -
33	53	Street	Metal Halide	150	21	171	350	60	\$ (0.000878)	60	(0.05)	-	\$ -
34	53	Street	Metal Halide	175	36	211	350	74	\$ (0.000878)	74	(0.06)	4	\$ (3)
35	53	Street	Metal Halide	250	39	289	350	101	\$ (0.000878)	101	(0.09)	-	\$ -
36	53	Street	Metal Halide	400	52	452	350	158	\$ (0.000878)	158	(0.14)	-	\$ -
37	54	Street	Sodium Vapor	50	8	58	350	20	\$ (0.000878)	20	(0.02)	204	\$ (49)
38	54	Street	Sodium Vapor	70	13	83	350	29	\$ (0.000878)	29	(0.03)	996	\$ (359)
39	54	Street	Sodium Vapor	100	17	117	350	41	\$ (0.000878)	41	(0.04)	2,339	\$ (1,123)

Puget Sound Energy Calculation of Area and Street Light Rates												
Line No.	Schedule	Lighting Type	Lamp Type	Lamp Wattage	Ballast Losses	Billable Watts	# hours / month	kWh / Month	\$ / kWh	Proposed Sch 95 Rate December 2014		Annual Revenue per lamp @ Proposed December 2014 Rate
										a	b	
				12 Month kWh	4,492,507	13	83	350	18,336,763	Goal Seek	e * f	g * h * 12
40	54	Street	Sodium Vapor	150	21	171	350	60	\$ (0.000878)	\$ (0.05)	1,048	\$ (629)
41	54	Street	Sodium Vapor	200	27	227	350	79	\$ (0.000878)	\$ (0.07)	1,804	\$ (1,515)
42	54	Street	Sodium Vapor	250	31	281	350	98	\$ (0.000878)	\$ (0.09)	2,270	\$ (2,452)
43	54	Street	Sodium Vapor	310	73	383	350	134	\$ (0.000878)	\$ (0.12)	128	\$ (184)
44	54	Street	Sodium Vapor	400	38	438	350	153	\$ (0.000878)	\$ (0.13)	2,204	\$ (3,438)
45	54	Street	Sodium Vapor	1000	102	1,102	350	386	\$ (0.000878)	\$ (0.34)	11	\$ (45)
46	55 & 56	Area	Area Lights - SV	70	13	83	350	29	\$ (0.000878)	\$ (0.03)	19	\$ (7)
47	55 & 56	Area	Area Lights - SV	100	17	117	350	41	\$ (0.000878)	\$ (0.04)	4,800	\$ (2,304)
48	55 & 56	Area	Area Lights - SV	150	21	171	350	60	\$ (0.000878)	\$ (0.05)	564	\$ (338)
49	55 & 56	Area	Area Lights - SV	200	27	227	350	79	\$ (0.000878)	\$ (0.07)	1,417	\$ (1,190)
50	55 & 56	Area	Area Lights - SV	250	31	281	350	98	\$ (0.000878)	\$ (0.09)	142	\$ (153)
51	55 & 56	Area	Area Lights - SV	400	38	438	350	153	\$ (0.000878)	\$ (0.13)	69	\$ (108)
52	55 & 56	Area	Area Lights - MH	250	39	289	350	101	\$ (0.000878)	\$ (0.09)	-	\$ -
53	57	Continuous	Traffic Signals	12 Month kWh	4,492,507	13	83	350	18,336,763	\$ (0.00022)	-	\$ (4,034)
54	58 & 59	Flood	Directional Flood Lights - SV	70	13	83	350	29	\$ (0.000878)	\$ (0.03)	65	\$ (23)
55	58 & 59	Flood	Directional Flood Lights - SV	100	17	117	350	41	\$ (0.000878)	\$ (0.04)	6	\$ (3)
56	58 & 59	Flood	Directional Flood Lights - SV	150	21	171	350	60	\$ (0.000878)	\$ (0.05)	194	\$ (116)
57	58 & 59	Flood	Directional Flood Lights - SV	200	27	227	350	79	\$ (0.000878)	\$ (0.07)	344	\$ (289)
58	58 & 59	Flood	Directional Flood Lights - SV	250	31	281	350	98	\$ (0.000878)	\$ (0.09)	60	\$ (65)
59	58 & 59	Flood	Directional Flood Lights - SV	400	38	438	350	153	\$ (0.000878)	\$ (0.13)	432	\$ (674)
60	58 & 59	Flood	Directional Flood Lights - MH	175	36	211	350	74	\$ (0.000878)	\$ (0.06)	5	\$ (4)
61	58 & 59	Flood	Directional Flood Lights - MH	250	39	289	350	101	\$ (0.000878)	\$ (0.09)	14	\$ (15)
62	58 & 59	Flood	Directional Flood Lights - MH	400	52	452	350	158	\$ (0.000878)	\$ (0.14)	86	\$ (144)
63	58 & 59	Flood	Directional Flood Lights - MH	1000	80	1,080	350	378	\$ (0.000878)	\$ (0.33)	125	\$ (495)
64	58 & 59	Flood	Horizontal Flood Lights - SV	100	17	117	350	41	\$ (0.000878)	\$ (0.04)	2	\$ (1)
65	58 & 59	Flood	Horizontal Flood Lights - SV	150	21	171	350	60	\$ (0.000878)	\$ (0.05)	12	\$ (7)
66	58 & 59	Flood	Horizontal Flood Lights - SV	200	27	227	350	79	\$ (0.000878)	\$ (0.07)	9	\$ (8)
67	58 & 59	Flood	Horizontal Flood Lights - SV	250	31	281	350	98	\$ (0.000878)	\$ (0.09)	25	\$ (27)
68	58 & 59	Flood	Horizontal Flood Lights - SV	400	38	438	350	153	\$ (0.000878)	\$ (0.13)	81	\$ (126)
69	58 & 59	Flood	Horizontal Flood Lights - MH	250	39	289	350	101	\$ (0.000878)	\$ (0.09)	8	\$ (9)
70	58 & 59	Flood	Horizontal Flood Lights - MH	400	52	452	350	158	\$ (0.000878)	\$ (0.14)	63	\$ (106)
71	51, 53 & 54	Street	LED	30-35	33	33	350	11	\$ (0.000878)	\$ (0.01)	-	\$ -
72	51, 53 & 54	Street	LED	35.01-40	38	38	350	13	\$ (0.000878)	\$ (0.01)	-	\$ -
73	51, 53 & 54	Street	LED	40.01-45	43	43	350	15	\$ (0.000878)	\$ (0.01)	-	\$ -
74	51, 53 & 54	Street	LED	45.01-50	48	48	350	17	\$ (0.000878)	\$ (0.01)	-	\$ -
75	51, 53 & 54	Street	LED	50.01-55	53	53	350	18	\$ (0.000878)	\$ (0.02)	-	\$ -
76	51, 53 & 54	Street	LED	55.01-60	58	58	350	20	\$ (0.000878)	\$ (0.02)	18	\$ (4)
77	51, 53 & 54	Street	LED	60.01-65	63	63	350	22	\$ (0.000878)	\$ (0.02)	10	\$ (2)
78	51, 53 & 54	Street	LED	65.01-70	68	68	350	24	\$ (0.000878)	\$ (0.02)	2	\$ (1)
79	51, 53 & 54	Street	LED	70.01-75	73	73	350	25	\$ (0.000878)	\$ (0.02)	-	\$ -

Puget Sound Energy Calculation of Area and Street Light Rates													
Line No.	Schedule	Lighting Type	Lamp Type	Lamp Wattage	Ballast Losses	Billable Watts	# hours / month	kWh / Month	\$ / kWh	Proposed Sch 95 Rate December 2014		Annual Revenue per lamp @ Proposed December 2014 Rate	
										a	b		e
				c =		d		e =		f =		g * h * i	
				b - a		b * d		(b * d) / 1000		Goal Seek		e * f	
80	51, 53 & 54	Street	LED	75.01-80	78	78	350	27	\$ (0.00878)	\$ (0.02)	-	\$ -	
81	51, 53 & 54	Street	LED	80.01-85	83	83	350	29	\$ (0.00878)	\$ (0.03)	-	\$ -	
82	51, 53 & 54	Street	LED	85.01-90	88	88	350	31	\$ (0.00878)	\$ (0.03)	23	\$ (8)	
83	51, 53 & 54	Street	LED	90.01-95	93	93	350	32	\$ (0.00878)	\$ (0.03)	-	\$ -	
84	51, 53 & 54	Street	LED	95.01-100	98	98	350	34	\$ (0.00878)	\$ (0.03)	-	\$ -	
85	51, 53 & 54	Street	LED	100.01-105	103	103	350	36	\$ (0.00878)	\$ (0.03)	-	\$ -	
86	51, 53 & 54	Street	LED	105.01-110	108	108	350	38	\$ (0.00878)	\$ (0.03)	-	\$ -	
87	51, 53 & 54	Street	LED	110.01-115	113	113	350	39	\$ (0.00878)	\$ (0.03)	-	\$ -	
88	51, 53 & 54	Street	LED	115.01-120	118	118	350	41	\$ (0.00878)	\$ (0.04)	-	\$ -	
89	51, 53 & 54	Street	LED	120.01-125	123	123	350	43	\$ (0.00878)	\$ (0.04)	-	\$ -	
90	51, 53 & 54	Street	LED	125.01-130	128	128	350	45	\$ (0.00878)	\$ (0.04)	6	\$ (3)	
91	51, 53 & 54	Street	LED	130.01-135	133	133	350	46	\$ (0.00878)	\$ (0.04)	-	\$ -	
92	51, 53 & 54	Street	LED	135.01-140	138	138	350	48	\$ (0.00878)	\$ (0.04)	-	\$ -	
93	51, 53 & 54	Street	LED	140.01-145	143	143	350	50	\$ (0.00878)	\$ (0.04)	-	\$ -	
94	51, 53 & 54	Street	LED	145.01-150	148	148	350	52	\$ (0.00878)	\$ (0.05)	-	\$ -	
95	51, 53 & 54	Street	LED	150.01-155	153	153	350	53	\$ (0.00878)	\$ (0.05)	-	\$ -	
96	51, 53 & 54	Street	LED	155.01-160	158	158	350	55	\$ (0.00878)	\$ (0.05)	-	\$ -	
97	51, 53 & 54	Street	LED	160.01-165	163	163	350	57	\$ (0.00878)	\$ (0.05)	-	\$ -	
98	51, 53 & 54	Street	LED	165.01-170	168	168	350	59	\$ (0.00878)	\$ (0.05)	4	\$ (2)	
99	51, 53 & 54	Street	LED	170.01-175	173	173	350	60	\$ (0.00878)	\$ (0.05)	-	\$ -	
100	51, 53 & 54	Street	LED	175.01-180	178	178	350	62	\$ (0.00878)	\$ (0.05)	1	\$ (1)	
101	51, 53 & 54	Street	LED	180.01-185	183	183	350	64	\$ (0.00878)	\$ (0.06)	-	\$ -	
102	51, 53 & 54	Street	LED	185.01-190	188	188	350	66	\$ (0.00878)	\$ (0.06)	-	\$ -	
103	51, 53 & 54	Street	LED	190.01-195	193	193	350	67	\$ (0.00878)	\$ (0.06)	-	\$ -	
104	51, 53 & 54	Street	LED	195.01-200	198	198	350	69	\$ (0.00878)	\$ (0.06)	-	\$ -	
105	51, 53 & 54	Street	LED	200.01-205	203	203	350	71	\$ (0.00878)	\$ (0.06)	-	\$ -	
106	51, 53 & 54	Street	LED	205.01-210	208	208	350	73	\$ (0.00878)	\$ (0.06)	-	\$ -	
107	51, 53 & 54	Street	LED	210.01-215	213	213	350	74	\$ (0.00878)	\$ (0.06)	-	\$ -	
108	51, 53 & 54	Street	LED	215.01-220	218	218	350	76	\$ (0.00878)	\$ (0.07)	-	\$ -	
109	51, 53 & 54	Street	LED	220.01-225	223	223	350	78	\$ (0.00878)	\$ (0.07)	-	\$ -	
110	51, 53 & 54	Street	LED	225.01-230	228	228	350	80	\$ (0.00878)	\$ (0.07)	-	\$ -	
111	51, 53 & 54	Street	LED	230.01-235	233	233	350	81	\$ (0.00878)	\$ (0.07)	-	\$ -	
112	51, 53 & 54	Street	LED	235.01-240	238	238	350	83	\$ (0.00878)	\$ (0.07)	-	\$ -	
113	51, 53 & 54	Street	LED	240.01-245	243	243	350	85	\$ (0.00878)	\$ (0.07)	-	\$ -	
114	51, 53 & 54	Street	LED	245.01-250	248	248	350	87	\$ (0.00878)	\$ (0.08)	-	\$ -	
115	51, 53 & 54	Street	LED	250.01-255	253	253	350	88	\$ (0.00878)	\$ (0.08)	-	\$ -	
116	51, 53 & 54	Street	LED	255.01-260	258	258	350	90	\$ (0.00878)	\$ (0.08)	-	\$ -	
117	51, 53 & 54	Street	LED	260.01-265	263	263	350	92	\$ (0.00878)	\$ (0.08)	-	\$ -	
118	51, 53 & 54	Street	LED	265.01-270	268	268	350	94	\$ (0.00878)	\$ (0.08)	-	\$ -	
119	51, 53 & 54	Street	LED	270.01-275	273	273	350	95	\$ (0.00878)	\$ (0.08)	-	\$ -	

Puget Sound Energy Calculation of Area and Street Light Rates												
Line No.	Schedule	Lighting Type	Lamp Type	Lamp Wattage	Ballast Losses	Billable Watts	# hours / month	kWh / Month	\$ / kWh	Proposed	Annual Revenue per lamp @ Proposed December 2014 Rate	
										Sch 95 Rate December 2014		
							c =	e =	f =	g =	h	i =
							b - a	(b * d) / 1000	Goal Seek	e * f	g * h * 12	
120	51, 53 & 54	Street	LED	275.01-280	278	278	350	97	\$ (0.000878)	\$ (0.09)	1	\$ (1)
121	51, 53 & 54	Street	LED	280.01-285	283	283	350	99	\$ (0.000878)	\$ (0.09)	-	\$ -
122	51, 53 & 54	Street	LED	285.01-290	288	288	350	101	\$ (0.000878)	\$ (0.09)	-	\$ -
123	51, 53 & 54	Street	LED	290.01-295	293	293	350	102	\$ (0.000878)	\$ (0.09)	-	\$ -
124	51, 53 & 54	Street	LED	295.01-300	298	298	350	104	\$ (0.000878)	\$ (0.09)	-	\$ -
125												
126		Total									111,353	\$ (75,275)
127												
128		Annual Revenue Requirement (Surplus)										\$ (75,132)
129												
130		Difference due to rounding										\$ 143
131												0%

PSE:
Used MS Excel Goal Seek function to minimize the difference between the projected lighting surplus \$ (Column:i,Line:126) and the amount to be spread (Column:i,Line:128), by changing \$ / kWh (Column:f,Line:1) rounded to the nearest \$0.000001

Puget Sound Energy
Residential Customer Impacts

Customer Bill

Month	kWh	Present	Proposed	\$ Difference	% Difference
January	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
February	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
March	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
April	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
May	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
June	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
July	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
August	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
September	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
October	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
November	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
December	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
Annual Total	12,000	\$ 1,186.08	\$ 1,180.44	\$ (5.64)	-0.48%
Monthly Average	1,000	\$ 98.84	\$ 98.37	\$ (0.47)	-0.48%
Average Cents		9.88	9.84		

Rates	Present Rates Effective 5-1-14	Proposed Rates Effective 12-1-14	per Month
Customer Monthly Charge:	\$ 7.49	\$ 7.49	
Energy Charge:			
Schedule 7 first 600 kWh	8.5578	8.5578	¢ / kWh
Schedule 7 over 600 kWh	10.4157	10.4157	¢ / kWh
Schedule 95 - Power Cost Adjustment Clause	(0.0528)	(0.1001)	¢ / kWh
Schedule 95A - Wind Power Production Credit	(0.2947)	(0.2947)	¢ / kWh
Schedule 120 - Conservation Rider	0.5297	0.5297	¢ / kWh
Schedule 129 - Low Income	0.0856	0.0856	¢ / kWh
Schedule 132 - Merger Credit	(0.0345)	(0.0345)	¢ / kWh
Schedule 133 - Regulatory Asset Tracker	-	-	¢ / kWh
Schedule 137 - Renewable Energy Credit	(0.0850)	(0.0850)	¢ / kWh
Schedule 140 - Property Tax Rider	0.2870	0.2870	¢ / kWh
Schedule 141 - ERF Rider - 1 Phase Basic Charge	\$ 0.38	\$ 0.38	per Month
Schedule 141 - ERF Rider - First 600 kWh	0.1114	0.1114	¢ / kWh
Schedule 141 - ERF Rider - Over 600 kWh	0.1357	0.1357	¢ / kWh
Schedule 142 - Decoupling Rider	0.1685	0.1685	¢ / kWh
Schedule 194 - BPA Exchange Credit	(0.9279)	(0.9279)	¢ / kWh