

Puget Sound Energy

**Advice No. 2019-xx
Federal Incentive Tracker
Effective January 1, 2020 to December 31, 2020**

**Electronic Workpapers
Rate Spread & Rate Design**

Schedule No. 95A

Puget Sound Energy
Statement of Proforma and Proposed Revenues for Federal Incentive Tracker Credit

Line No.	CUSTOMER CLASS	SCHEDULE	kWh Source: F2019 January 2020 to December 2020	Estimated Net Revenue @ Rates Effective 10-12-2019 (*Note 1)	Sch 95a Effective Jan 1, 2019 \$ per kWh	Proposed Sch 95a Effective January 1, 2020 \$ per kWh	Revenue Including Sch 95a Eff 1-1-19	Revenue Including Proposed Sch 95a Effective 1-1-20	Increase / Decrease \$	Increase / Decrease %
			a	b	c	d	e = b + (a * c)	f = b + (a * d)	g = f - e	h = g / e
1	Residential	7	10,870,508,000	\$ 1,120,278,000	\$ (0.001913)	\$ (0.001893)	\$ 1,099,482,718	\$ 1,099,700,128	\$ 217,410	0.02%
2										
3	Sec Gen Svc - Small	8 & 24	2,879,589,000	\$ 300,534,000	\$ (0.001641)	\$ (0.001752)	\$ 295,808,594	\$ 295,488,960	\$ (319,634)	-0.11%
4	Sec Gen Svc - Medium	11, 25 & 7A	3,047,605,000	\$ 285,300,000	\$ (0.001568)	\$ (0.001665)	\$ 280,521,355	\$ 280,225,738	\$ (295,618)	-0.11%
5	Sec Gen Svc - Large	12, 26 & 26P	1,799,669,000	\$ 158,538,000	\$ (0.001710)	\$ (0.001831)	\$ 155,460,566	\$ 155,242,806	\$ (217,760)	-0.14%
6	Sec Irrigation Svc	29	15,098,000	\$ 1,136,000	\$ (0.001276)	\$ (0.001366)	\$ 1,116,735	\$ 1,115,376	\$ (1,359)	-0.12%
7										
8	Secondary Service Total		7,741,961,000	\$ 745,508,000	\$ (0.001628)	\$ (0.001735)	\$ 732,907,251	\$ 732,072,880	\$ (834,371)	-0.11%
9										
10	Pri Gen Svc	10 & 31	1,326,033,000	\$ 113,081,000	\$ (0.001543)	\$ (0.001642)	\$ 111,034,931	\$ 110,903,654	\$ (131,277)	-0.12%
11	Pri Irrigation Svc	35	4,566,000	\$ 251,000	\$ (0.001159)	\$ (0.001306)	\$ 245,708	\$ 245,037	\$ (671)	-0.27%
12	Pri Interruptible Svc	43	118,819,000	\$ 10,870,000	\$ (0.001294)	\$ (0.001363)	\$ 10,716,248	\$ 10,708,050	\$ (8,199)	-0.08%
13										
14	Primary Service Total		1,449,418,000	\$ 124,202,000	\$ (0.001521)	\$ (0.001618)	\$ 121,996,887	\$ 121,856,740	\$ (140,147)	-0.11%
15										
16	Campus Rate	40	128,305,000	\$ 9,726,000	\$ (0.001755)	\$ (0.002320)	\$ 9,500,825	\$ 9,428,332	\$ (72,492)	-0.76%
17										
18	HV Interruptible Svc	46	73,310,000	\$ 5,148,000	\$ (0.000997)	\$ (0.001035)	\$ 5,074,910	\$ 5,072,124	\$ (2,786)	-0.05%
19	HV Gen Svc	49	558,581,000	\$ 38,819,000	\$ (0.001512)	\$ (0.001626)	\$ 37,974,426	\$ 37,910,747	\$ (63,678)	-0.17%
20										
21	High Voltage Service Total		631,891,000	\$ 43,967,000	\$ (0.001452)	\$ (0.001557)	\$ 43,049,335	\$ 42,982,871	\$ (66,464)	-0.15%
22										
23	Lights	50-59	68,364,000	\$ 16,754,000	\$ (0.001966)	\$ (0.002036)	\$ 16,619,596	\$ 16,614,811	\$ (4,785)	-0.03%
24										
25	Small Firm Resale	005	7,435,000	\$ 334,000	\$ (0.001870)	\$ (0.001761)	\$ 320,097	\$ 320,907	\$ 810	0.25%
26										
27	Subtotal		20,897,882,000	\$ 2,060,769,000	\$ (0.001765)	\$ (0.001808)	\$ 2,023,876,709	\$ 2,022,976,670	\$ (900,039)	-0.04%
28										
29	Excluded Schedules									
30	Transportation/Special Contract	449 / 459 / SC	2,514,367,000	\$ 16,527,000			\$ 16,527,000	\$ 16,527,000	\$ -	
31										
32	Total		23,412,249,000	\$ 2,077,296,000			\$ 2,040,403,709	\$ 2,039,503,670	\$ (900,039)	

*Note 1: Estimated Net Revenue Includes Sch 95 (PCORC), Sch 120 (DSM), Sch 129 (Low Income), Sch 132 (Merger Credit), Sch 137 (RECs), Sch 140 (Property Tax), Sch 141(ERF), Sch 141x (Excess Def Tax), Sch 141Y (Temp Fed Tax Cr), Sch 142 (Decoupling & Rate Plan), Sch 194 (Residential Exchange Benefit) and excludes Sch 95a (Fed Incentive Tracker)

Puget Sound Energy
Allocation of Federal Incentive Tracker Revenue Requirement to Rate Schedule

Line No.	Customer Class	Schedules	YE September	75%	YE	25%	Weighted	2020 Revenue	2020 Revenue	kWh	\$ per kWh
			2016	Energy	September	Demand					
			Energy	(Docket	2016	(Docket	(Docket	Requirement	Requirement	January 2020 to	2020
			Allocator	No.	Allocator	No.	No.			December 2020	
			(Docket No.	UE-	(Docket No.	UE-	UE-				
			UE-170033	170033)	UE-170033)	170033)	170033)				
			a	b = 75% * a / Σ(a)	c	d = 25% * c / Σ(c)	e = b + d	f	g = e * Revenue Requirement	h	i = g / h
1	Residential	7	11,362,694,035	0.389756	2,401,761	0.154718	0.544474		\$ (20,575,280)	10,870,508,000	\$ (0.001893)
2											
3	Sec Gen Svc - Small	8/24	2,983,833,723	0.102350	483,797	0.031166	0.133515		\$ (5,045,439)	2,879,589,000	\$ (0.001752)
4	Sec Gen Svc - Medium	7A/11/25	3,065,348,902	0.105146	452,114	0.029125	0.134270		\$ (5,073,974)	3,047,605,000	\$ (0.001665)
5	Sec Gen Svc - Large	12/26	2,051,022,390	0.070353	261,563	0.016850	0.087202		\$ (3,295,314)	1,799,669,000	\$ (0.001831)
6	Sec Irrigation Svc	29	15,235,983	0.000523	358	0.000023	0.000546		\$ (20,621)	15,098,000	\$ (0.001366)
7											
8	Pri Gen Svc	10/31	1,342,870,567	0.046062	179,157	0.011541	0.057603		\$ (2,176,788)	1,326,033,000	\$ (0.001642)
9	Pri Irrigation Svc	35	4,594,563	0.000158	4	0.000000	0.000158		\$ (5,965)	4,566,000	\$ (0.001306)
10	Pri Interruptible Svc	43	124,979,541	0.004287	-	-	0.004287		\$ (162,001)	118,819,000	\$ (0.001363)
11											
12	Campus	40	192,800,042	0.006613	19,620	0.001264	0.007877		\$ (297,672)	128,305,000	\$ (0.002320)
13											
14	HV - Interruptible Svc	46	58,540,366	0.002008	-	-	0.002008		\$ (75,881)	73,310,000	\$ (0.001035)
15	HV - General Svc	49	574,347,448	0.019701	67,180	0.004328	0.024029		\$ (908,020)	558,581,000	\$ (0.001626)
16											
17	Lights	50-59	81,534,389	0.002797	13,772	0.000887	0.003684		\$ (139,213)	68,364,000	\$ (0.002036)
18											
19	Firm Resale - Small	5	7,227,694	0.000248	1,530	0.000099	0.000347		\$ (13,094)	7,435,000	\$ (0.001761)
20											
21	Subtotal		21,865,029,643	0.750000	3,880,857	0.250000	1.000000	\$ (37,789,266)	\$ (37,789,266)	20,897,882,000	\$ (0.001808)
22											
23	Transportation	449-459								2,514,367,000	
24											
25	Special Contract	SC									
26											
27	Total									23,412,249,000	

Puget Sound Energy
January 1, 2020 Rate Impacts
Test Year ended December 2020 (F2019)

Line No.	Tariff	Annual kWh Delivered Sales (Normalized)	Estimated Net Annual Proforma	Estimated Annual Proforma Base Revenue	Schedule 95 PCORC	Schedule 120 Conservation	Schedule 129 Low Income	Schedule 132 Merger Credit	Schedule 137 RECS	Schedule 140 Property Tax	Schedule 141 ERF	Schedule 141X	Schedule 141Y	Schedule 142 Decoupling	Schedule 194
			Base Revenue (Excluding Sch 95a)									Excess Def Tax	Temp Fed Tax Cr		BPA Res & Farm Credit
		a	b = $\sum_{(c \text{ to } n)}$	c	d	e	f	g	h	i	j	k	l	m	n
1	7	10,870,508,000	\$ 1,120,278,000	\$ 1,131,215,000	\$ (11,936,000)	\$ 42,449,000	\$ 11,610,000	\$ -	\$ (794,000)	\$ 35,090,000	\$ 16,918,000	\$ (16,918,000)	\$ (13,816,000)	\$ 6,751,000	\$ (80,291,000)
2	Residential	10,870,508,000	\$ 1,120,278,000	\$ 1,131,215,000	\$ (11,936,000)	\$ 42,449,000	\$ 11,610,000	\$ -	\$ (794,000)	\$ 35,090,000	\$ 16,918,000	\$ (16,918,000)	\$ (13,816,000)	\$ 6,751,000	\$ (80,291,000)
4	8, 24	2,879,589,000	\$ 300,534,000	\$ 280,225,000	\$ (2,658,000)	\$ 9,583,000	\$ 2,955,000	\$ -	\$ (182,000)	\$ 7,041,000	\$ 3,143,000	\$ (3,143,000)	\$ (2,715,000)	\$ 8,111,000	\$ (1,826,000)
5	7A, 11, 25	3,047,605,000	\$ 285,300,000	\$ 274,909,000	\$ (2,670,000)	\$ 9,688,000	\$ 2,795,000	\$ -	\$ (183,000)	\$ 6,510,000	\$ 2,672,000	\$ (2,672,000)	\$ (2,642,000)	\$ (2,003,000)	\$ (1,104,000)
6	12, 26, 26P	1,799,669,000	\$ 158,538,000	\$ 149,114,000	\$ (1,769,000)	\$ 6,279,000	\$ 1,537,000	\$ -	\$ (117,000)	\$ 3,772,000	\$ 1,449,000	\$ (1,449,000)	\$ (1,542,000)	\$ 1,395,000	\$ (131,000)
7	29	15,098,000	\$ 1,136,000	\$ 1,200,000	\$ (11,000)	\$ 39,000	\$ 12,000	\$ -	\$ (1,000)	\$ 32,000	\$ 12,000	\$ (12,000)	\$ (13,000)	\$ (10,000)	\$ (112,000)
8	Total Secondary Voltage	7,741,961,000	\$ 745,508,000	\$ 705,448,000	\$ (7,108,000)	\$ 25,589,000	\$ 7,299,000	\$ -	\$ (483,000)	\$ 17,355,000	\$ 7,276,000	\$ (7,276,000)	\$ (6,912,000)	\$ 7,493,000	\$ (3,173,000)
10	10, 31	1,326,033,000	\$ 113,081,000	\$ 107,546,000	\$ (1,165,000)	\$ 4,180,000	\$ 1,102,000	\$ -	\$ (78,000)	\$ 2,623,000	\$ 1,045,000	\$ (1,045,000)	\$ (1,077,000)	\$ 196,000	\$ (246,000)
11	35	4,566,000	\$ 251,000	\$ 272,000	\$ (3,000)	\$ 11,000	\$ 3,000	\$ -	\$ -	\$ 9,000	\$ 6,000	\$ (6,000)	\$ (4,000)	\$ (3,000)	\$ (34,000)
12	43	118,819,000	\$ 10,870,000	\$ 10,424,000	\$ (87,000)	\$ 311,000	\$ 106,000	\$ -	\$ (6,000)	\$ 335,000	\$ 156,000	\$ (156,000)	\$ (135,000)	\$ (78,000)	\$ -
13	Total Primary Voltage	1,449,418,000	\$ 124,202,000	\$ 118,242,000	\$ (1,255,000)	\$ 4,502,000	\$ 1,211,000	\$ -	\$ (84,000)	\$ 2,967,000	\$ 1,207,000	\$ (1,207,000)	\$ (1,216,000)	\$ 115,000	\$ (280,000)
15	40	128,305,000	\$ 9,726,000	\$ 8,645,000	\$ (171,000)	\$ 461,000	\$ 93,000	\$ -	\$ (9,000)	\$ 280,000	\$ 78,000	\$ (78,000)	\$ (110,000)	\$ 537,000	\$ -
17	46	73,310,000	\$ 5,148,000	\$ 4,880,000	\$ (9,000)	\$ 150,000	\$ 51,000	\$ -	\$ (3,000)	\$ 114,000	\$ 48,000	\$ (48,000)	\$ (48,000)	\$ 13,000	\$ -
18	49	558,581,000	\$ 38,819,000	\$ 36,384,000	\$ (236,000)	\$ 1,720,000	\$ 375,000	\$ -	\$ (32,000)	\$ 870,000	\$ 353,000	\$ (353,000)	\$ (365,000)	\$ 103,000	\$ -
19	Total High Voltage	631,891,000	\$ 43,967,000	\$ 41,264,000	\$ (245,000)	\$ 1,870,000	\$ 426,000	\$ -	\$ (35,000)	\$ 984,000	\$ 401,000	\$ (401,000)	\$ (413,000)	\$ 116,000	\$ -
21	50-59	68,364,000	\$ 16,754,000	\$ 15,994,000	\$ (41,000)	\$ 274,000	\$ 164,000	\$ -	\$ (5,000)	\$ 626,000	\$ 239,000	\$ (239,000)	\$ (245,000)	\$ -	\$ (13,000)
23	449-459-SC	2,514,367,000	\$ 16,527,000	\$ 12,395,000	\$ -	\$ 3,322,000	\$ 375,000	\$ -	\$ -	\$ 1,065,000	\$ 291,000	\$ (291,000)	\$ (630,000)	\$ -	\$ -
25	Total	23,404,814,000	\$ 2,076,962,000	\$ 2,033,203,000	\$ (20,756,000)	\$ 78,467,000	\$ 21,178,000	\$ -	\$ (1,410,000)	\$ 58,367,000	\$ 26,410,000	\$ (26,410,000)	\$ (23,342,000)	\$ 15,012,000	\$ (83,757,000)
27	5	7,435,000	\$ 334,000	\$ 339,000	\$ (4,000)	\$ -	\$ -	\$ -	\$ (1,000)	\$ -	\$ 4,000	\$ (4,000)	\$ -	\$ -	\$ -
29	All Sales	23,412,249,000	\$ 2,077,296,000	\$ 2,033,542,000	\$ (20,760,000)	\$ 78,467,000	\$ 21,178,000	\$ -	\$ (1,411,000)	\$ 58,367,000	\$ 26,414,000	\$ (26,414,000)	\$ (23,342,000)	\$ 15,012,000	\$ (83,757,000)

Puget Sound Energy
2020 Schedule 95A Lighting Workpapers
Test Year Ending December 31, 2020

Line No.	Schedule	Lamp Type	Wattage (W)	Current Base	Proposed	Annual Lamp Inventory @ 9/30/2019	Current Annual	Proposed	Schedule 95A	Revenue Requirement Ratio to Base Demand & Energy Light Charge Cost
				Lamp Demand & Energy Charges from COS Effective 6-1-2018	Lamp Charge Effective 1-1-2020		Base Lamp Demand & Energy Cost @ 1-1-2020	Annual Lamp Revenue @ 1-1-2020		
				(a)	(b)	(d)	(e)	(f)		
				= (a) * (AA)			= (a) * (d)	= (b) * (d)		
1	Total Lamp Revenue Requirement Based on Inventory						\$ 4,755,111	\$ (136,456)		AA (0.029277)
2	Schedule 129 Lighting Revenue Requirement to Collect							\$ (139,213)		(0.029277)
3	Difference Due to Rounding							\$ 2,757		
4										
5	Schedule 50					1,218	\$ 3,927	\$ (119)		
6	Schedule 51					66,020	\$ 130,596	\$ (3,798)		
7	Schedule 52					231,971	\$ 833,969	\$ (23,912)		
8	Schedule 53					904,455	\$ 2,443,031	\$ (69,195)		
9	Schedule 54					129,946	\$ 486,642	\$ (14,210)		
10	Schedule 55-56					74,441	\$ 235,626	\$ (7,050)		
11	Schedule 57					12,366,286	\$ 472,763	\$ (13,850)		
12	Schedule 58-59					17,480	\$ 148,557	\$ (4,322)		
13	All Lighting					13,791,817	\$ 4,755,111	\$ (136,456)		
14										
15	Sch 50E									
16	003	Compact Fluorescent	22	\$ 0.56	-\$0.02	708	\$ 396	\$ (14)		
17										
18	50E-A	Mercury Vapor	100	\$ 2.54	-\$0.07	36	\$ 91	\$ (3)		
19	50E-A	Mercury Vapor	175	\$ 4.44	-\$0.13	228	\$ 1,012	\$ (30)		
20	50E-A	Mercury Vapor	400	\$ 10.15	-\$0.30	234	\$ 2,375	\$ (70)		
21	50E-B	Mercury Vapor	100	\$ 2.54	-\$0.07	-	\$ -	\$ -		
22	50E-B	Mercury Vapor	175	\$ 4.44	-\$0.13	12	\$ 53	\$ (2)		
23	50E-B	Mercury Vapor	400	\$ 10.15	-\$0.30	-	\$ -	\$ -		
24	50E-B	Mercury Vapor	700	\$ 17.76	-\$0.52	-	\$ -	\$ -		
25										
26	Sch 51E									
27	51E	Light Emitting Diode	30.00 - 60	\$ 1.14	-\$0.03	30,582	\$ 34,863	\$ (917)		
28	51E	Light Emitting Diode	60.01 - 90	\$ 1.91	-\$0.06	17,879	\$ 34,149	\$ (1,073)		
29	51E	Light Emitting Diode	90.01 - 120	\$ 2.66	-\$0.08	9,232	\$ 24,557	\$ (739)		
30	51E	Light Emitting Diode	120.01 - 150	\$ 3.42	-\$0.10	4,046	\$ 13,837	\$ (405)		
31	51E	Light Emitting Diode	150.01 - 180	\$ 4.19	-\$0.12	600	\$ 2,514	\$ (72)		
32	51E	Light Emitting Diode	180.01 - 210	\$ 4.95	-\$0.14	2,410	\$ 11,930	\$ (337)		
33	51E	Light Emitting Diode	210.01 - 240	\$ 5.71	-\$0.17	231	\$ 1,319	\$ (39)		
34	51E	Light Emitting Diode	240.01 - 270	\$ 6.46	-\$0.19	120	\$ 775	\$ (23)		
35	51E	Light Emitting Diode	270.01 - 300	\$ 7.23	-\$0.21	920	\$ 6,652	\$ (193)		
36										
37	Sch 52E									
38	52E	Sodium Vapor	50	\$ 1.26	-\$0.04	-	\$ -	\$ -		
39	52E	Sodium Vapor	70	\$ 1.78	-\$0.05	8,512	\$ 15,151	\$ (426)		
40	52E	Sodium Vapor	100	\$ 2.54	-\$0.07	122,250	\$ 310,515	\$ (8,558)		
41	52E	Sodium Vapor	150	\$ 3.80	-\$0.11	55,132	\$ 209,502	\$ (6,065)		
42	52E	Sodium Vapor	200	\$ 5.07	-\$0.15	11,897	\$ 60,318	\$ (1,785)		
43	52E	Sodium Vapor	250	\$ 6.34	-\$0.19	17,533	\$ 111,159	\$ (3,331)		
44	52E	Sodium Vapor	310	\$ 7.86	-\$0.23	1,767	\$ 13,889	\$ (406)		
45	52E	Sodium Vapor	400	\$ 10.15	-\$0.30	7,252	\$ 73,608	\$ (2,176)		
46										
47	52E	Metal Halide	70	\$ 1.78	-\$0.05	824	\$ 1,467	\$ (41)		
48	52E	Metal Halide	100	\$ 2.54	-\$0.07	48	\$ 122	\$ (3)		
49	52E	Metal Halide	150	\$ 3.80	-\$0.11	2,460	\$ 9,348	\$ (271)		
50	52E	Metal Halide	175	\$ 4.44	-\$0.13	2,664	\$ 11,828	\$ (346)		
51	52E	Metal Halide	250	\$ 6.34	-\$0.19	732	\$ 4,641	\$ (139)		
52	52E	Metal Halide	400	\$ 10.15	-\$0.30	684	\$ 6,943	\$ (205)		
53	52E	Metal Halide	1,000	\$ 25.36	-\$0.74	216	\$ 5,478	\$ (160)		
54										
55	Sch 53E									
56	53E - Company Owned	Sodium Vapor	50	\$ 1.26	-\$0.04	-	\$ -	\$ -		
57	53E - Company Owned	Sodium Vapor	70	\$ 1.78	-\$0.05	53,766	\$ 95,703	\$ (2,688)		
58	53E - Company Owned	Sodium Vapor	100	\$ 2.54	-\$0.07	377,969	\$ 960,041	\$ (26,458)		
59	53E - Company Owned	Sodium Vapor	150	\$ 3.80	-\$0.11	45,021	\$ 171,080	\$ (4,952)		
60	53E - Company Owned	Sodium Vapor	200	\$ 5.07	-\$0.15	58,988	\$ 299,069	\$ (8,848)		
61	53E - Company Owned	Sodium Vapor	250	\$ 6.34	-\$0.19	20,176	\$ 127,916	\$ (3,833)		
62	53E - Company Owned	Sodium Vapor	310	\$ 7.86	-\$0.23	192	\$ 1,509	\$ (44)		
63	53E - Company Owned	Sodium Vapor	400	\$ 10.15	-\$0.30	11,538	\$ 117,111	\$ (3,461)		

Puget Sound Energy
2020 Schedule 95A Lighting Workpapers
Test Year Ending December 31, 2020

Line No.	Schedule	Lamp Type	Wattage (W)	Current Base Lamp Demand & Energy Charges from COS Effective	Proposed Schedule 95A Lamp Charge Effective	Annual Lamp Inventory @ 9/30/2019	Current Annual Base Lamp Demand & Energy Cost @ 1-1-2020	Proposed Annual Schedule 95A Lamp Revenue @ 1-1-2020	Schedule 95A Revenue Requirement Ratio to Base Demand & Energy Light Charge Cost
				(a)	(b)		(d)	(e)	(f)
					= (a) * (AA)		= (a) * (d)	= (b) * (d)	
1	Total Lamp Revenue Requirement Based on Inventory						\$ 4,755,111	\$ (136,456)	AA (0.029277)
2	Schedule 129 Lighting Revenue Requirement to Collect							(139,213)	(0.029277)
3	Difference Due to Rounding							\$ 2,757	
64	53E - Company Owned	Sodium Vapor	1,000	\$ 25.36	-\$0.74	-	\$ -	\$ -	
66	53E - Company Owned	Metal Halide	70	\$ 1.78	-\$0.05	-	\$ -	\$ -	
67	53E - Company Owned	Metal Halide	100	\$ 2.54	-\$0.07	-	\$ -	\$ -	
68	53E - Company Owned	Metal Halide	150	\$ 3.80	-\$0.11	-	\$ -	\$ -	
69	53E - Company Owned	Metal Halide	250	\$ 6.34	-\$0.19	-	\$ -	\$ -	
70	53E - Company Owned	Metal Halide	400	\$ 10.15	-\$0.30	-	\$ -	\$ -	
72	53E - Company Owned	Light Emitting Diode	30.00 - 60	\$ 1.14	-\$0.03	220,315	\$ 251,159	\$ (6,609)	
73	53E - Company Owned	Light Emitting Diode	60.01 - 90	\$ 1.91	-\$0.06	1,295	\$ 2,473	\$ (78)	
74	53E - Company Owned	Light Emitting Diode	90.01 - 120	\$ 2.66	-\$0.08	24,409	\$ 64,928	\$ (1,953)	
75	53E - Company Owned	Light Emitting Diode	120.01 - 150	\$ 3.42	-\$0.10	21,287	\$ 72,802	\$ (2,129)	
76	53E - Company Owned	Light Emitting Diode	150.01 - 180	\$ 4.19	-\$0.12	1,006	\$ 4,215	\$ (121)	
77	53E - Company Owned	Light Emitting Diode	180.01 - 210	\$ 4.95	-\$0.14	5,078	\$ 25,136	\$ (711)	
78	53E - Company Owned	Light Emitting Diode	210.01 - 240	\$ 5.71	-\$0.17	86	\$ 491	\$ (15)	
79	53E - Company Owned	Light Emitting Diode	240.01 - 270	\$ 6.46	-\$0.19	288	\$ 1,860	\$ (55)	
80	53E - Company Owned	Light Emitting Diode	270.01 - 300	\$ 7.23	-\$0.21	1,542	\$ 11,149	\$ (324)	
82	53E - Customer Owned	Sodium Vapor	50	\$ 1.26	-\$0.04	-	\$ -	\$ -	
83	53E - Customer Owned	Sodium Vapor	70	\$ 1.78	-\$0.05	668	\$ 1,189	\$ (33)	
84	53E - Customer Owned	Sodium Vapor	100	\$ 2.54	-\$0.07	2,892	\$ 7,346	\$ (202)	
85	53E - Customer Owned	Sodium Vapor	150	\$ 3.80	-\$0.11	1,582	\$ 6,012	\$ (174)	
86	53E - Customer Owned	Sodium Vapor	200	\$ 5.07	-\$0.15	4,943	\$ 25,061	\$ (741)	
87	53E - Customer Owned	Sodium Vapor	250	\$ 6.34	-\$0.19	3,270	\$ 20,732	\$ (621)	
88	53E - Customer Owned	Sodium Vapor	310	\$ 7.86	-\$0.23	84	\$ 660	\$ (19)	
89	53E - Customer Owned	Sodium Vapor	400	\$ 10.15	-\$0.30	4,888	\$ 49,613	\$ (1,466)	
90	53E - Customer Owned	Sodium Vapor	1,000	\$ 25.36	-\$0.74	-	\$ -	\$ -	
92	53E - Customer Owned	Metal Halide	70	\$ 1.78	-\$0.05	-	\$ -	\$ -	
93	53E - Customer Owned	Metal Halide	100	\$ 2.54	-\$0.07	-	\$ -	\$ -	
94	53E - Customer Owned	Metal Halide	150	\$ 3.80	-\$0.11	-	\$ -	\$ -	
95	53E - Customer Owned	Metal Halide	175	\$ 4.44	-\$0.13	48	\$ 213	\$ (6)	
96	53E - Customer Owned	Metal Halide	250	\$ 6.34	-\$0.19	-	\$ -	\$ -	
97	53E - Customer Owned	Metal Halide	400	\$ 10.15	-\$0.30	-	\$ -	\$ -	
99	53E - Customer Owned	Light Emitting Diode	30.00 - 60	\$ 1.14	-\$0.03	7,440	\$ 8,482	\$ (223)	
100	53E - Customer Owned	Light Emitting Diode	60.01 - 90	\$ 1.91	-\$0.06	7,518	\$ 14,359	\$ (451)	
101	53E - Customer Owned	Light Emitting Diode	90.01 - 120	\$ 2.66	-\$0.08	10,114	\$ 26,903	\$ (809)	
102	53E - Customer Owned	Light Emitting Diode	120.01 - 150	\$ 3.42	-\$0.10	984	\$ 3,365	\$ (98)	
103	53E - Customer Owned	Light Emitting Diode	150.01 - 180	\$ 4.19	-\$0.12	15,832	\$ 66,336	\$ (1,900)	
104	53E - Customer Owned	Light Emitting Diode	180.01 - 210	\$ 4.95	-\$0.14	1,236	\$ 6,118	\$ (173)	
105	53E - Customer Owned	Light Emitting Diode	210.01 - 240	\$ 5.71	-\$0.17	-	\$ -	\$ -	
106	53E - Customer Owned	Light Emitting Diode	240.01 - 270	\$ 6.46	-\$0.19	-	\$ -	\$ -	
107	53E - Customer Owned	Light Emitting Diode	270.01 - 300	\$ 7.23	-\$0.21	-	\$ -	\$ -	
109	Sch 54E								
110	54E	Sodium Vapor	50	\$ 1.26	-\$0.04	456	\$ 575	\$ (18)	
111	54E	Sodium Vapor	70	\$ 1.78	-\$0.05	8,706	\$ 15,497	\$ (435)	
112	54E	Sodium Vapor	100	\$ 2.54	-\$0.07	20,176	\$ 51,247	\$ (1,412)	
113	54E	Sodium Vapor	150	\$ 3.80	-\$0.11	5,977	\$ 22,713	\$ (657)	
114	54E	Sodium Vapor	200	\$ 5.07	-\$0.15	7,809	\$ 39,592	\$ (1,171)	
115	54E	Sodium Vapor	250	\$ 6.34	-\$0.19	18,070	\$ 114,564	\$ (3,433)	
116	54E	Sodium Vapor	310	\$ 7.86	-\$0.23	925	\$ 7,271	\$ (213)	
117	54E	Sodium Vapor	400	\$ 10.15	-\$0.30	8,663	\$ 87,929	\$ (2,599)	
118	54E	Sodium Vapor	1,000	\$ 25.36	-\$0.74	132	\$ 3,348	\$ (98)	
121	54E	Light Emitting Diode	30.00 - 60	\$ 1.14	-\$0.03	20,118	\$ 22,935	\$ (604)	
122	54E	Light Emitting Diode	60.01 - 90	\$ 1.91	-\$0.06	1,729	\$ 3,302	\$ (104)	

Puget Sound Energy
2020 Schedule 95A Lighting Workpapers
Test Year Ending December 31, 2020

Line No.	Schedule	Lamp Type	Wattage (W)	Current Base	Proposed	Annual Lamp	Current Annual	Proposed	Schedule 95A
				Lamp Demand & Energy Charges from COS Effective 6-1-2018	Lamp Charge Effective 1-1-2020		Inventory @ 9/30/2019	Base Lamp Demand & Energy Cost @ 1-1-2020	Annual Lamp Revenue @ 1-1-2020
				(a)	(b)	(d)	(e)	(f)	
					= (a) * (AA)		= (a) * (d)	= (b) * (d)	
1	Total Lamp Revenue Requirement Based on Inventory						\$ 4,755,111	\$ (136,456)	AA (0.029277)
2	Schedule 129 Lighting Revenue Requirement to Collect							(139,213)	(0.029277)
3	Difference Due to Rounding							\$ 2,757	
4									
123	54E	Light Emitting Diode	90.01 - 120	\$ 2.66	-\$0.08	20,220	\$ 53,785	\$ (1,618)	
124	54E	Light Emitting Diode	120.01 - 150	\$ 3.42	-\$0.10	9,552	\$ 32,668	\$ (955)	
125	54E	Light Emitting Diode	150.01 - 180	\$ 4.19	-\$0.12	7,245	\$ 30,357	\$ (869)	
126	54E	Light Emitting Diode	180.01 - 210	\$ 4.95	-\$0.14	132	\$ 653	\$ (18)	
127	54E	Light Emitting Diode	210.01 - 240	\$ 5.71	-\$0.17	36	\$ 206	\$ (6)	
128	54E	Light Emitting Diode	240.01 - 270	\$ 6.46	-\$0.19	-	\$ -	\$ -	
129	54E	Light Emitting Diode	270.01 - 300	\$ 7.23	-\$0.21	-	\$ -	\$ -	
130									
131	Sch 55 & 56								
132	55E & 56E	Sodium Vapor	70	\$ 1.81	-\$0.05	214	\$ 387	\$ (11)	
133	55E & 56E	Sodium Vapor	100	\$ 2.58	-\$0.08	45,699	\$ 117,903	\$ (3,656)	
134	55E & 56E	Sodium Vapor	150	\$ 3.87	-\$0.11	6,121	\$ 23,688	\$ (673)	
135	55E & 56E	Sodium Vapor	200	\$ 5.15	-\$0.15	13,115	\$ 67,542	\$ (1,967)	
136	55E & 56E	Sodium Vapor	250	\$ 6.45	-\$0.19	1,409	\$ 9,088	\$ (268)	
137	55E & 56E	Sodium Vapor	400	\$ 10.31	-\$0.30	581	\$ 5,990	\$ (174)	
138									
139	55E & 56E	Metal Halide	250	\$ 6.45	-\$0.19	72	\$ 464	\$ (14)	
140									
141	55E & 56E	Light Emitting Diode	30.00 - 60	\$ 1.16	-\$0.03	5,814	\$ 6,744	\$ (174)	
142	55E & 56E	Light Emitting Diode	60.01 - 90	\$ 1.94	-\$0.06	5	\$ 10	\$ -	
143	55E & 56E	Light Emitting Diode	90.01 - 120	\$ 2.70	-\$0.08	1,411	\$ 3,810	\$ (113)	
144	55E & 56E	Light Emitting Diode	120.01 - 150	\$ 3.48	-\$0.10	-	\$ -	\$ -	
145	55E & 56E	Light Emitting Diode	150.01 - 180	\$ 4.25	-\$0.12	-	\$ -	\$ -	
146	55E & 56E	Light Emitting Diode	180.01 - 210	\$ 5.03	-\$0.15	-	\$ -	\$ -	
147	55E & 56E	Light Emitting Diode	210.01 - 240	\$ 5.80	-\$0.17	-	\$ -	\$ -	
148	55E & 56E	Light Emitting Diode	240.01 - 270	\$ 6.57	-\$0.19	-	\$ -	\$ -	
149	55E & 56E	Light Emitting Diode	270.01 - 300	\$ 7.35	-\$0.22	-	\$ -	\$ -	
150									
151	Sch 57								
152	57E	Per W charge	-	\$ 0.03823	\$ (0.00112)	12,366,286	\$ 472,763	\$ (13,850)	
153									
154	Sch 58 & 59								
155	58E & 59E - Directional	Sodium Vapor	70	\$ 1.81	-\$0.05	682	\$ 1,234	\$ (34)	
156	58E & 59E - Directional	Sodium Vapor	100	\$ 2.58	-\$0.08	132	\$ 341	\$ (11)	
157	58E & 59E - Directional	Sodium Vapor	150	\$ 3.87	-\$0.11	1,942	\$ 7,516	\$ (214)	
158	58E & 59E - Directional	Sodium Vapor	200	\$ 5.15	-\$0.15	3,319	\$ 17,093	\$ (498)	
159	58E & 59E - Directional	Sodium Vapor	250	\$ 6.45	-\$0.19	468	\$ 3,019	\$ (89)	
160	58E & 59E - Directional	Sodium Vapor	400	\$ 10.31	-\$0.30	4,396	\$ 45,323	\$ (1,319)	
161									
162	58E & 59E - Horizontal	Sodium Vapor	100	\$ 2.58	-\$0.08	12	\$ 31	\$ (1)	
163	58E & 59E - Horizontal	Sodium Vapor	150	\$ 3.87	-\$0.11	209	\$ 809	\$ (23)	
164	58E & 59E - Horizontal	Sodium Vapor	200	\$ 5.15	-\$0.15	156	\$ 803	\$ (23)	
165	58E & 59E - Horizontal	Sodium Vapor	250	\$ 6.45	-\$0.19	420	\$ 2,709	\$ (80)	
166	58E & 59E - Horizontal	Sodium Vapor	400	\$ 10.31	-\$0.30	576	\$ 5,939	\$ (173)	
167									
168	58E & 59E - Directional	Metal Halide	175	\$ 4.51	-\$0.13	36	\$ 162	\$ (5)	
169	58E & 59E - Directional	Metal Halide	250	\$ 6.45	-\$0.19	276	\$ 1,780	\$ (52)	
170	58E & 59E - Directional	Metal Halide	400	\$ 10.31	-\$0.30	1,042	\$ 10,743	\$ (313)	
171	58E & 59E - Directional	Metal Halide	1,000	\$ 25.78	-\$0.75	1,540	\$ 39,701	\$ (1,155)	
172									
173	58E & 59E - Horizontal	Metal Halide	250	\$ 6.45	-\$0.19	132	\$ 851	\$ (25)	
174	58E & 59E - Horizontal	Metal Halide	400	\$ 10.31	-\$0.30	480	\$ 4,949	\$ (144)	
175									
176									
177	58E & 59E	Light Emitting Diode	30.00 - 60	\$ 1.16	-\$0.03	24	\$ 28	\$ (1)	
178	58E & 59E	Light Emitting Diode	60.01 - 90	\$ 1.94	-\$0.06	292	\$ 566	\$ (18)	
179	58E & 59E	Light Emitting Diode	90.01 - 120	\$ 2.70	-\$0.08	245	\$ 662	\$ (20)	
180	58E & 59E	Light Emitting Diode	120.01 - 150	\$ 3.48	-\$0.10	903	\$ 3,142	\$ (90)	
181	58E & 59E	Light Emitting Diode	150.01 - 180	\$ 4.25	-\$0.12	49	\$ 208	\$ (6)	

Puget Sound Energy
2020 Schedule 95A Lighting Workpapers
Test Year Ending December 31, 2020

Line No.	Schedule	Lamp Type	Wattage (W)	Current Base	Proposed	Annual Lamp	Current Annual	Proposed	Schedule 95A
				Lamp Demand & Energy Charges from COS Effective 6-1-2018	Lamp Charge Effective 1-1-2020		Inventory @ 9/30/2019	Base Lamp Demand & Energy Cost @ 1-1-2020	Annual Schedule 95A Lamp Revenue @ 1-1-2020
				(a)	(b)	(d)	(e)	(f)	
					= (a) * (AA)		= (a) * (d)	= (b) * (d)	
1	Total Lamp Revenue Requirement Based on Inventory						\$ 4,755,111	\$ (136,456)	AA (0.029277)
2	Schedule 129 Lighting Revenue Requirement to Collect							(139,213)	(0.029277)
3	Difference Due to Rounding							\$ 2,757	
4									
182	58E & 59E	Light Emitting Diode	180.01 - 210	\$ 5.03	-\$0.15	-	\$ -	\$ -	-
183	58E & 59E	Light Emitting Diode	210.01 - 240	\$ 5.80	-\$0.17	41	\$ 238	\$ (7)	(7)
184	58E & 59E	Light Emitting Diode	240.01 - 270	\$ 6.57	-\$0.19	108	\$ 710	\$ (21)	(21)
185	58E & 59E	Light Emitting Diode	270.01 - 300	\$ 7.35	-\$0.22	-	\$ -	\$ -	-
186	58E & 59E	Light Emitting Diode	300.01 - 400	\$ 9.03	-\$0.26	-	\$ -	\$ -	-
187	58E & 59E	Light Emitting Diode	400.01 - 500	\$ 11.60	-\$0.34	-	\$ -	\$ -	-
188	58E & 59E	Light Emitting Diode	500.01 - 600	\$ 14.18	-\$0.42	-	\$ -	\$ -	-
189	58E & 59E	Light Emitting Diode	600.01 - 700	\$ 16.76	-\$0.49	-	\$ -	\$ -	-
190	58E & 59E	Light Emitting Diode	700.01 - 800	\$ 19.33	-\$0.57	-	\$ -	\$ -	-
191	58E & 59E	Light Emitting Diode	800.01 - 900	\$ 21.91	-\$0.64	-	\$ -	\$ -	-

Puget Sound Energy
Residential Customer Impacts

Customer Bill

Month	kWh	Present													Current	Remove:	Add:	\$
		Base Rates	Sch 95	Sch 95A	Sch 120	Sch 129	Sch 132	Sch 137	Sch 140	Sch 141	Sch 141x	Sch 141y	Sch 142	Sch 194	Residential Bill	Schedule 95a	Schedule 95a	
January	1,214	\$ 125.16	\$ (1.33)	\$ (2.32)	\$ 4.74	\$ 1.30	\$ -	\$ (0.09)	\$ 3.92	\$ 1.92	\$ (1.92)	\$ (1.54)	\$ 0.75	\$ (8.97)	\$ 121.62	\$ 2.32	\$ (2.30)	\$ 0.02
February	1,053	\$ 108.04	\$ (1.16)	\$ (2.01)	\$ 4.11	\$ 1.12	\$ -	\$ (0.08)	\$ 3.40	\$ 1.64	\$ (1.64)	\$ (1.34)	\$ 0.65	\$ (7.78)	\$ 104.95	\$ 2.01	\$ (1.99)	\$ 0.02
March	1,014	\$ 103.90	\$ (1.11)	\$ (1.94)	\$ 3.96	\$ 1.08	\$ -	\$ (0.07)	\$ 3.27	\$ 1.57	\$ (1.57)	\$ (1.29)	\$ 0.63	\$ (7.49)	\$ 100.94	\$ 1.94	\$ (1.92)	\$ 0.02
April	835	\$ 84.87	\$ (0.92)	\$ (1.60)	\$ 3.26	\$ 0.89	\$ -	\$ (0.06)	\$ 2.70	\$ 1.26	\$ (1.26)	\$ (1.06)	\$ 0.52	\$ (6.17)	\$ 82.43	\$ 1.60	\$ (1.58)	\$ 0.02
May	712	\$ 71.80	\$ (0.78)	\$ (1.36)	\$ 2.78	\$ 0.76	\$ -	\$ (0.05)	\$ 2.30	\$ 1.05	\$ (1.05)	\$ (0.90)	\$ 0.44	\$ (5.26)	\$ 69.73	\$ 1.36	\$ (1.35)	\$ 0.01
June	656	\$ 65.84	\$ (0.72)	\$ (1.25)	\$ 2.56	\$ 0.70	\$ -	\$ (0.05)	\$ 2.12	\$ 0.95	\$ (0.95)	\$ (0.83)	\$ 0.41	\$ (4.85)	\$ 63.93	\$ 1.25	\$ (1.24)	\$ 0.01
July	672	\$ 67.54	\$ (0.74)	\$ (1.29)	\$ 2.62	\$ 0.72	\$ -	\$ (0.05)	\$ 2.17	\$ 0.98	\$ (0.98)	\$ (0.85)	\$ 0.42	\$ (4.96)	\$ 65.58	\$ 1.29	\$ (1.27)	\$ 0.02
August	658	\$ 66.06	\$ (0.72)	\$ (1.26)	\$ 2.57	\$ 0.70	\$ -	\$ (0.05)	\$ 2.12	\$ 0.96	\$ (0.96)	\$ (0.84)	\$ 0.41	\$ (4.86)	\$ 64.13	\$ 1.26	\$ (1.25)	\$ 0.01
September	647	\$ 64.89	\$ (0.71)	\$ (1.24)	\$ 2.53	\$ 0.69	\$ -	\$ (0.05)	\$ 2.09	\$ 0.94	\$ (0.94)	\$ (0.82)	\$ 0.40	\$ (4.78)	\$ 63.00	\$ 1.24	\$ (1.22)	\$ 0.02
October	798	\$ 80.94	\$ (0.88)	\$ (1.53)	\$ 3.12	\$ 0.85	\$ -	\$ (0.06)	\$ 2.58	\$ 1.20	\$ (1.20)	\$ (1.01)	\$ 0.50	\$ (5.89)	\$ 78.62	\$ 1.53	\$ (1.51)	\$ 0.02
November	983	\$ 100.60	\$ (1.08)	\$ (1.88)	\$ 3.84	\$ 1.05	\$ -	\$ (0.07)	\$ 3.17	\$ 1.52	\$ (1.52)	\$ (1.25)	\$ 0.61	\$ (7.26)	\$ 97.73	\$ 1.88	\$ (1.86)	\$ 0.02
December	1,240	\$ 127.92	\$ (1.36)	\$ (2.37)	\$ 4.84	\$ 1.32	\$ -	\$ (0.09)	\$ 4.00	\$ 1.96	\$ (1.96)	\$ (1.58)	\$ 0.77	\$ (9.16)	\$ 124.29	\$ 2.37	\$ (2.35)	\$ 0.02
Annual Total	10,482	\$ 1,067.56	\$ (11.51)	\$ (20.05)	\$ 40.93	\$ 11.18	\$ -	\$ (0.77)	\$ 33.84	\$ 15.95	\$ (15.95)	\$ (13.31)	\$ 6.51	\$ (77.43)	\$ 1,036.95	\$ 20.05	\$ (19.84)	\$ 0.21
Monthly Average	874	\$ 88.96	\$ (0.96)	\$ (1.67)	\$ 3.41	\$ 0.93	\$ -	\$ (0.06)	\$ 2.82	\$ 1.33	\$ (1.33)	\$ (1.11)	\$ 0.54	\$ (6.45)	\$ 86.41	\$ 1.67	\$ (1.65)	\$ 0.02
Average Cents		10.18	(0.11)	(0.19)	0.39	0.11	-	(0.01)	0.32	0.15	(0.15)	(0.13)	0.06	(0.74)	9.89	0.19	(0.19)	0.00
Typical Residential	900	\$ 91.78	\$ (0.99)	\$ (1.72)	\$ 3.51	\$ 0.96	\$ -	\$ (0.07)	\$ 2.91	\$ 1.38	\$ (1.38)	\$ (1.14)	\$ 0.56	\$ (6.65)	\$ 89.15	\$ 1.72	\$ (1.70)	\$ 0.02
Typical Residential	1,000	\$ 102.41	\$ (1.10)	\$ (1.91)	\$ 3.91	\$ 1.07	\$ -	\$ (0.07)	\$ 3.23	\$ 1.55	\$ (1.55)	\$ (1.27)	\$ 0.62	\$ (7.39)	\$ 99.50	\$ 1.91	\$ (1.89)	\$ 0.02

Residential Schedule 7 Rates	Present Rates Effective 10-12-2019	Proposed Rates Effective 1-1-20	
Customer Monthly Charge:			
One Phase Basic Charge	\$ 7.490000	\$ 7.490000	per Month
Schedule 141 - ERF Rider - 1 Phase Basic Charge	\$ -	\$ -	per Month
Subtotal Base Monthly Charge	\$ 7.490000	\$ 7.490000	
Energy Charge:			
Schedule 7 first 600 kWh	\$ 0.087336	\$ 0.087336	\$/ kWh
Schedule 129 - Low Income	\$ 0.001068	\$ 0.001068	\$/ kWh
Schedule 140 - Property Tax Rider	\$ 0.003228	\$ 0.003228	\$/ kWh
Schedule 141 - ERF Rider - First 600 kWh	\$ 0.001425	\$ 0.001425	\$/ kWh
Schedule 141x - Tax Passback First 600 kWh	\$ (0.001425)	\$ (0.001425)	\$/ kWh
Schedule 141y - Temp FIT Adjustment	\$ (0.001271)	\$ (0.001271)	\$/ kWh
Schedule 142 - Decoupling Rider	\$ 0.000621	\$ 0.000621	\$/ kWh
Subtotal Base First 600 kWh Charge	\$ 0.090982	\$ 0.090982	\$/ kWh
Schedule 7 over 600 kWh			
Schedule 129 - Low Income	\$ 0.001068	\$ 0.001068	\$/ kWh
Schedule 140 - Property Tax Rider	\$ 0.003228	\$ 0.003228	\$/ kWh
Schedule 141 - ERF Rider - Over 600 kWh	\$ 0.001734	\$ 0.001734	\$/ kWh
Schedule 141x - Tax Passback Over 600 kWh	\$ (0.001734)	\$ (0.001734)	\$/ kWh
Schedule 141y - Temp FIT Adjustment	\$ (0.001271)	\$ (0.001271)	\$/ kWh
Schedule 142 - Decoupling Rider	\$ 0.000621	\$ 0.000621	\$/ kWh
Subtotal Base Over 600 kWh Charge	\$ 0.109943	\$ 0.109943	\$/ kWh
Schedule 194 - BPA Exchange Credit			
Schedule 133 - Regulatory Asset Tracker	\$ (0.007386)	\$ (0.007386)	\$/ kWh
	\$ -	\$ -	\$/ kWh
Other Electric Charges and Credits			
Schedule 95 - Power Cost Adjustment Clause	\$ (0.001098)	\$ (0.001098)	\$/ kWh
Schedule 95A - Wind Power Production Credit	\$ (0.001913)	\$ (0.001893)	\$/ kWh
Schedule 120 - Conservation Rider	\$ 0.003905	\$ 0.003905	\$/ kWh
Schedule 132 - Merger Credit	\$ -	\$ -	\$/ kWh
Schedule 137 - Renewable Energy Credit	\$ (0.000073)	\$ (0.000073)	\$/ kWh
Subtotal Other Charges	\$ 0.000821	\$ 0.000841	\$/ kWh
Total Block 1 Energy Charge			
Total Block 2 Energy Charge	\$ 0.084417	\$ 0.084437	\$/ kWh
	\$ 0.103378	\$ 0.103398	\$/ kWh

PUGET SOUND ENERGY
SCHEDULE 95A ANNUAL FILING
 FOR RATES EFFECTIVE JANUARY - DECEMBER 2020

10 year amortization period for both Wild Horse and Lower Snake River Treasury Grants

DESCRIPTION	WILD HORSE EXPANSION			LOWER SNAKE RIVER			COMBINED		
	GRANT	INTEREST	TOTAL	GRANT	INTEREST	TOTAL	GRANT	INTEREST	TOTAL
	A	B	C	D	E	F	G	H	I
1 Original Treasury Grant	\$ (28,674,664)			\$ (205,261,327)					
2 Estimated Treasury Grant AMA Balance as of December 31, 2020		\$ (13,412)			\$ (52,415,155)				
3									
4 10 Year Amortization Period	÷	10		10					
5 After Tax ROR from 2017GRC (Adjusted for Tax Reform)	x	6.97%		6.97%					
6									
7 Annual Grant amortization and Net of Tax ROR	(2,867,466)	(935)	(2,868,401)	(20,526,133)	(3,653,336)	(24,179,469)	(23,393,599)	(3,654,271)	(27,047,870)
8									
9 Gross up for FIT (Tax Reform Rate Decr to 21%)	÷	79%	79%	79%	79%	79%	79%	79%	79%
10									
11 Revenue requirement before gross up for revenue sensitive items	(3,629,704)	(1,183)	(3,630,888)	(25,982,446)	(4,624,476)	(30,606,923)	(29,612,151)	(4,625,660)	(34,237,810)
12									
13 Electric conversion factor from UE-170033	÷	0.952386	0.952386	0.952386	0.952386	0.952386	0.952386	0.952386	0.952386
14									
15 Annual revenue requirement including revenue sensitive items	(3,811,169)	(1,242)	(3,812,412)	(27,281,424)	(4,855,674)	(32,137,099)	(31,092,594)	(4,856,917)	(35,949,510)
16									
17 True up for Oct 2018 through December 2019 for differences in load and interest	(189,464)	(14,348)	(203,812)	(1,356,079)	(279,864)	(1,635,943)	(1,545,543)	(294,212)	(1,839,755)
18									
19 Total 2019 Annual Revenue Requirement to be Recovered for Schedule 95a	\$ (4,000,633)	\$ (15,591)	\$ (4,016,224)	\$ (28,637,503)	\$ (5,135,539)	\$ (33,773,042)	\$ (32,638,136)	\$ (5,151,129)	\$ (37,789,266)
20									
21 Forecast Load from January through Dec 2020	20,897,888	20,897,888	20,897,888	20,897,888	20,897,888	20,897,888	20,897,888	20,897,888	20,897,888
22 Rate starting January 1, 2020 from UE-18_____	-0.0191 c	-0.0001 c	-0.0192 c	-0.1370 c	-0.0246 c	-0.1616 c	-0.1562 c	-0.0246 c	-0.1808 c
23									
24 Rate through Dec 31, 2019	-0.0176 c	-0.0007 c	-0.0183 c	-0.1263 c	-0.0313 c	-0.1576 c	-0.1439 c	-0.0320 c	-0.1760 c
25									
26 Composite Rate Increase / (Decrease)	0.0015 c	-0.0006 c	0.0009 c	0.0108 c	-0.0068 c	0.0040 c	0.0123 c	-0.0074 c	0.0049 c

F2019 Final Electric Load Forecast

Customers

Year	Month	Date	Customers Residential
2020	1	1/1/2020	1,031,989
2020	2	2/1/2020	1,033,260
2020	3	3/1/2020	1,034,261
2020	4	4/1/2020	1,035,099
2020	5	5/1/2020	1,035,847
2020	6	6/1/2020	1,036,691
2020	7	7/1/2020	1,037,136
2020	8	8/1/2020	1,037,921
2020	9	9/1/2020	1,039,166
2020	10	10/1/2020	1,040,602
2020	11	11/1/2020	1,042,117
2020	12	12/1/2020	1,043,361

Load (MWh)

Year	Month	Date	Net of Conservation Residential
2020	1	1/1/2020	1,252,327
2020	2	2/1/2020	1,088,361
2020	3	3/1/2020	1,049,153
2020	4	4/1/2020	864,607
2020	5	5/1/2020	737,952
2020	6	6/1/2020	680,006
2020	7	7/1/2020	696,924
2020	8	8/1/2020	682,562
2020	9	9/1/2020	672,654
2020	10	10/1/2020	830,134
2020	11	11/1/2020	1,024,677
2020	12	12/1/2020	1,293,747

Puget Sound Energy
Load Research Allocation Factors
Twelve Months ended September 30, 2016
2017 GRC

DOCKETS UE-170033 and UG-170034 (consolidated)
ORDER 08

PAGE 111

Line No.	Tariff	Electric Cost of Service Allocation Factors								Load Research Data		
		ENERGY_1	ENERGY_2	DEM_1	DEM_1A	DEM_1B	DEM_2A	DEM_2B	DEM_12NCP1	Adjusted for Sch 40 Settlement		
		Energy - All Rate Schedules	Energy - Exclude Transportation	Top 75 CP Demand	Top 75 CP Demand - Excl Interrupt	Top 75 CP Demand - Excl Tranp & Spec & Interrupt	4 CP Demand - Exclude Interruptible	4 CP Demand - Exclude Interruptible & Transportation	Top 12 NCP Demand - Exclude HV & Transportation	Energy	4 CP Demand	
1	7	11,362,694,035	11,362,694,035				2,401,761	2,401,761			11,362,694,035	2,401,761
2	24	2,983,833,723	2,983,833,723				483,797	483,797			2,983,833,723	483,797
3	25 & 29	3,080,584,885	3,080,584,885				452,473	452,473			3,080,584,885	452,473
4	26	2,051,022,390	2,051,022,390				261,563	261,563			2,051,022,390	261,563
5	31	1,342,870,567	1,342,870,567				179,157	179,157			1,342,870,567	179,157
6	35	4,594,563	4,594,563				4	4			4,594,563	4
7	43	124,979,541	124,979,541				-	-			124,979,541	40,576
8	40	639,599,439	192,800,042				80,421	19,620			639,599,439	80,421
9	HV	632,887,814	632,887,814				67,180	67,180			632,887,814	72,696
10	Lighting	81,534,389	81,534,389				13,772	13,772			81,534,389	13,772
11	Transp PV	107,396,590	-				12,414	-			107,396,590	12,414
12	Transp HV	2,033,050,978	-				230,846	-			2,033,050,978	230,846
14	Firm Resale	7,227,694	7,227,694				1,530	1,530			7,227,694	1,530
15												
16	Total	24,452,276,609	21,865,029,643				4,184,919	3,880,857			24,452,276,609	4,231,011
17	Check	24,452,276,609	22,311,829,040				4,184,919	3,941,658			24,452,276,609	4,231,011
18	Check	-	(446,799,397)				-	(60,801)			-	-

2017 GRC (UE-170033) Exhibit JAP-33C:
40 no MS 192,800,042
Transp PV&SV w-t 554,195,987
Special Contract 446,799,397

19,620
73,215
60,801

- Resource Plans and uses the Company's proposed rate of return.⁴⁰⁶ These proposed updates changed the demand/energy allocation ratio from 25 percent demand and 75 percent energy to 18 percent demand and 82 percent energy.
- 334 Mr. Ball testified that Staff agreed with these changes in principle because the Rate Design Settlement used information that will be three to five years old by the end of this proceeding.⁴⁰⁷ Mr. Ball stated that using more current information was a primary objective of the Rate Design Settlement and doing so will provide a cost of service study that is more reflective of the present day costs to serve customers.⁴⁰⁸ Finally, Mr. Ball testified that while he did not challenge the Company's COS methodology, he did prepare a version of the COS study that shows the effect of Staff's rate design proposal and incorporates Staff's revenue requirement results.⁴⁰⁹
- 335 FEA argued that the Commission should enforce the terms of the Rate Design Settlement in Docket UE-141368 based on its plain terms and meaning, not based on PSE's interpretation of the "spirit" of the settlement.⁴¹⁰ Mr. Al-Jabir testified for FEA that the settlement agreement in Docket UE-141368 explicitly requires that the demand and energy classification percentages be set at 25 percent demand and 75 percent energy in this proceeding.⁴¹¹ FEA argues that fairness and the importance of strictly enforcing the plain terms of a Commission-approved settlement require that the Commission reject PSE's proposed change to update the demand/energy allocation ratio.
- Commission Determination**
- 336 We agree with FEA that the Commission should enforce the terms of the Rate Design Settlement in Docket UE-141368 based on its plain terms and meaning. The settlement agreement explicitly requires that the demand and energy classification percentages be set at 25 percent demand and 75 percent energy in this proceeding. We enforce that term as written.

Monthly CP by Class
with losses

Adjusted for Schedule 40 Settlement

YearMo	Date	Hour	_NAME_	_24	_25	_26	_29	_31	_35	_40	_43	_449HV	_449PV	_459	_46	_49	_5	_7	AL	SL	System	
201510	10/26/2015	Hour19	Load	269,594	358,966	247,782	338	152,506	4	83,063	10,151	207,333	12,066	34,718	8,601	71,685	756	1,781,803	1,349	14,402	3,001,000	
201511	11/30/2015	Hour08	Load	545,056	557,408	308,149	242	204,895	3	106,854	66,844	198,920	11,782	34,849	7,612	71,519	1,600	2,274,068	728	8,021	4,153,000	
201512	12/30/2015	Hour19	Load	445,599	389,863	235,322	502	158,705	4	84,246	19,400	186,230	12,384	35,843	2,604	64,841	1,703	2,625,416	1,618	17,177	4,047,000	
201601	1/3/2016	Hour18	Load	396,605	331,882	174,144	312	134,424	4	78,254	21,976	185,741	11,368	33,096	3,716	62,627	1,387	2,876,873	1,618	17,177	4,101,000	
201602	2/2/2016	Hour08	Load	547,930	523,734	307,105	378	204,220	4	93,812	54,085	213,931	14,124	34,774	8,132	69,731	1,432	1,830,686	728	8,021	3,650,000	
201603	3/17/2016	Hour08	Load	501,571	530,690	301,518	372	199,898	4	98,389	50,197	208,005	12,971	35,403	5,823	72,084	1,267	1,849,308	297	3,582	3,615,000	
201604	4/14/2016	Hour08	Load	386,330	424,521	283,989	659	185,344	767	82,422	36,934	215,136	13,065	38,411	7,418	70,615	861	1,434,609	-	530	2,915,000	
201605	5/2/2016	Hour18	Load	377,579	457,478	319,010	1,940	190,051	1,020	109,256	12,629	213,076	14,125	30,919	4,669	72,306	442	1,262,092	-	530	2,809,000	
201606	6/6/2016	Hour18	Load	406,273	449,594	307,133	4,063	175,819	1,019	106,746	12,831	207,313	14,024	31,830	6,025	73,832	408	1,593,727	-	530	3,138,000	
201607	7/28/2016	Hour18	Load	454,470	480,956	326,787	7,465	190,892	1,508	111,975	8,940	210,041	13,645	30,761	7,144	72,874	368	1,499,091	-	530	3,163,000	
201608	8/19/2016	Hour17	Load	501,030	484,832	292,059	5,379	184,534	1,245	105,501	11,365	229,278	12,896	29,527	8,714	76,953	398	1,593,461	-	530	3,266,000	
201609	9/26/2016	Hour20	Load	314,967	378,513	257,769	1,793	168,724	996	83,799	9,801	193,700	10,935	36,899	9,496	62,130	479	1,400,869	1,430	15,235	2,706,000	
		4CP Average		4,231,011	483,797	450,722	256,180	358	175,561	4	90,792	40,576	196,206	12,414	34,641	5,516	67,180	1,530	2,401,761	1,173	12,599	3,987,750
Sch 40 Settlement		Cust 8						(941)		941												
		New Cust 1			718	5,383				(6,101)												
		New Cust 2			674			4,537		(5,211)												
Sch 40 Settlement		4CP Average		4,231,011	483,797	452,114	261,563	358	179,157	4	80,421	40,576	196,206	12,414	34,641	5,516	67,180	1,530	2,401,761	1,173	12,599	3,987,750
		(Nov, Dec, Jan, Feb)																				
		Excl Interruptible		4,184,919	483,797	452,114	261,563	358	179,157	4	80,421	-	196,206	12,414	34,641	-	67,180	1,530	2,401,761	1,173	12,599	
		Excl Interruptible & Transport		3,941,658	483,797	452,114	261,563	358	179,157	4	80,421	-	-	-	-	-	67,180	1,530	2,401,761	1,173	12,599	

TEMPERATURE ADJUSTED ANNUAL ENERGY ALLOCATIONS BY BILLING SCHEDULE
12 MONTHS ENDED SEPTEMBER 31, 2016

NET GPI	22,007,938,139	
TEMP ADJ	303,890,901	(=B8)
TEMP ADJ GPI	22,311,829,040	

BILLED KWH (Cal View)	20,365,314,277
TEMP ADJUSTED	281,706,864
TEMP ADJ BILLED KWH	20,647,021,141

Adjusted for Sch 40 Settlement

(1b)	(2b)	(3b)	(4b)	(5b)	(6b)	(7b)	(8b)	(9b)	(10b)
Class	Annual actual kWh (calendar view)	Temp Adj Annual kWh	Temp Adj kWh Difference (not incl. Losses)	Percent Annual kWh Losses 11a	Annual kWh Losses on temp adj 7b-4b	Billed kWh Difference Incl Losses 4b/(1-5b)	Temp Adj GPI kWh Difference (7b/sum(7b) *B8)	Annual kWh (incl. losses & misc. usage) Allocation 10a	Temperature Adjusted Annual kWh Allocation 8b+9b
07	10,208,761,476	10,451,731,125	242,969,649	7.95%	20,975,089	263,944,738	262,357,552	11,100,336,483	11,362,694,035
24	2,724,380,971	2,746,929,439	22,548,468	7.85%	1,920,382	24,468,850	24,321,711	2,959,386,905	2,983,833,723
25	2,796,469,414	2,807,716,478	11,247,064	7.79%	949,548	12,196,612	12,123,269	3,044,665,453	3,065,348,902
26	1,844,086,006	1,843,854,018	-231,988	7.73%	-19,439	-251,427	-249,915	2,026,899,464	2,051,022,390
29	14,242,753	14,084,007	-158,747	7.47%	-12,812	-171,559	-170,527	15,406,511	15,235,983
31	1,252,024,548	1,252,981,780	957,233	3.70%	36,802	994,035	988,058	1,322,015,309	1,342,870,567
35	4,429,100	4,429,100	0	3.51%	0	0	0	4,594,563	4,594,563
40	718,932,165	719,325,537	393,372	3.70%	15,103	408,475	406,019	692,118,747	639,599,439
43	116,295,695	120,131,815	3,836,120	3.81%	151,990	3,988,110	3,964,128	121,015,413	124,979,541
46	40,290,453	40,290,453	0	1.76%	0	0	0	58,540,366	58,540,366
49	563,748,980	563,748,980	0	1.75%	0	0	0	574,347,448	574,347,448
Small Resale (05)	6,798,761	6,944,454	145,693	3.84%	5,824	151,517	150,606	7,077,087	7,227,694
50-54,57-58	74,853,955	74,853,955	0	8.11%	0	0	0	81,534,389	81,534,389
Total	20,365,314,277	20,647,021,141	281,706,864		24,022,488	305,729,352	303,890,901	22,007,938,139	22,311,829,040

Transportation Schedules:

459	277,864,630	277,864,630	0	1.67%	0	0	0	282,585,117	282,585,117
449 HV	1,720,611,952	1,720,611,952	0	1.71%	0	0	0	1,750,465,861	1,750,465,861
449 PV	103,596,480	103,596,480	0	3.54%	0	0	0	107,396,590	107,396,590
Total Transp.	2,102,073,062	2,102,073,062	0		0	0	0	2,140,447,569	2,140,447,569

Note: Annual actual kWh includes the impacts of rate migrations anticipated during the rate year on Schedules 24, 25, 26, 31 & 40 energy sales. The actual kWh sales also include the billing error corrections made on schedule 46 billed sales in 2016.

Resource Plans and uses the Company's proposed rate of return.⁴⁰⁶ These proposed updates changed the demand/energy allocation ratio from 25 percent demand and 75 percent energy to 18 percent demand and 82 percent energy.

334 Mr. Ball testified that Staff agreed with these changes in principle because the Rate Design Settlement used information that will be three to five years old by the end of this proceeding.⁴⁰⁷ Mr. Ball stated that using more current information was a primary objective of the Rate Design Settlement and doing so will provide a cost of service study that is more reflective of the present day costs to serve customers.⁴⁰⁸ Finally, Mr. Ball testified that while he did not challenge the Company's COS methodology, he did prepare a version of the COS study that shows the effect of Staff's rate design proposal and incorporates Staff's revenue requirement results.⁴⁰⁹

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Commission Determination

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Puget Sound Energy
Statement of Proforma and Proposed Revenues for Federal Incentive Tracker Credit

Schedule 95a Rates
effective 1-1-19

Line No.	CUSTOMER CLASS	SCHEDULE	kWh Source: F2018 January 2019 to December 2019	Estimated Net Revenue @ Rates Effective 10-1-2018 (*Note 1)	Sch 95a Effective May 1, 2018 \$ per kWh	Proposed Sch 95a Effective January 1, 2019 \$ per kWh	Revenue Including Sch 95a Eff 5-1-18	Revenue Including Proposed Sch 95a Effective 1-1-19	Increase / Decrease \$	Increase / Decrease %
			a	b	c	d	e = b + (a * c)	f = b + (a * d)	g = f - e	h = g / e
1	Residential	7	10,808,199,000	\$ 1,127,443,000	\$ (0.002072)	\$ (0.001913)	\$ 1,105,048,412	\$ 1,106,766,915	\$ 1,718,504	0.16%
2										
3	Sec Gen Svc - Small	8 & 24	3,088,796,000	\$ 324,889,000	\$ (0.001674)	\$ (0.001641)	\$ 319,718,355	\$ 319,820,286	\$ 101,930	0.03%
4	Sec Gen Svc - Medium	11, 25 & 7A	3,251,471,000	\$ 319,869,000	\$ (0.001713)	\$ (0.001568)	\$ 314,299,230	\$ 314,770,693	\$ 471,463	0.15%
5	Sec Gen Svc - Large	12, 26 & 26P	1,936,207,000	\$ 173,043,000	\$ (0.001786)	\$ (0.001710)	\$ 169,584,934	\$ 169,732,086	\$ 147,152	0.09%
6	Sec Irrigation Svc	29	16,225,000	\$ 1,308,000	\$ (0.001562)	\$ (0.001276)	\$ 1,282,657	\$ 1,287,297	\$ 4,640	0.36%
7										
8	Secondary Service Total		8,292,699,000	\$ 819,109,000	\$ (0.001715)	\$ (0.001628)	\$ 804,885,177	\$ 805,610,362	\$ 725,186	0.09%
9										
10	Pri Gen Svc	10 & 31	1,417,061,000	\$ 124,121,000	\$ (0.001668)	\$ (0.001543)	\$ 121,757,342	\$ 121,934,475	\$ 177,133	0.15%
11	Pri Irrigation Svc	35	5,167,000	\$ 294,000	\$ (0.001129)	\$ (0.001159)	\$ 288,166	\$ 288,011	\$ (155)	-0.05%
12	Pri Interruptible Svc	43	125,684,000	\$ 12,142,000	\$ (0.001508)	\$ (0.001294)	\$ 11,952,469	\$ 11,979,365	\$ 26,896	0.23%
13										
14	Primary Service Total		1,547,912,000	\$ 136,557,000	\$ (0.001653)	\$ (0.001522)	\$ 133,997,977	\$ 134,201,851	\$ 203,874	0.15%
15										
16	Campus Rate	40	586,557,000	\$ 47,406,000	\$ (0.001772)	\$ (0.001755)	\$ 46,366,621	\$ 46,376,592	\$ 9,971	0.02%
17										
18	HV Interruptible Svc	46	76,343,000	\$ 5,523,000	\$ (0.000853)	\$ (0.000997)	\$ 5,457,879	\$ 5,446,886	\$ (10,993)	-0.20%
19	HV Gen Svc	49	603,277,000	\$ 43,323,000	\$ (0.001695)	\$ (0.001512)	\$ 42,300,445	\$ 42,410,845	\$ 110,400	0.26%
20										
21	High Voltage Service Total		679,620,000	\$ 48,846,000	\$ (0.001600)	\$ (0.001454)	47,758,325	47,857,731	\$ 99,406	0.21%
22										
23	Lights	50-59	71,132,000	\$ 16,951,000	\$ (0.002112)	\$ (0.001966)	\$ 16,800,769	\$ 16,811,154	\$ 10,385	0.06%
24										
25	Small Firm Resale	005	7,036,000	\$ 695,000	\$ (0.002014)	\$ (0.001870)	\$ 680,829	\$ 681,843	\$ 1,013	0.15%
26										
27	Subtotal		21,993,155,000	\$ 2,197,007,000	\$ (0.001886)	\$ (0.001760)	\$ 2,155,538,110	\$ 2,158,306,450	\$ 2,768,340	0.13%
28										
29	Excluded Schedules									
30	Transportation	449 / 459	2,028,599,000	\$ 9,904,000			\$ 9,904,000	\$ 9,904,000	\$ -	
31										
32	Total		24,021,754,000	\$ 2,206,911,000			\$ 2,165,442,110	\$ 2,168,210,450	\$ 2,768,340	