

Exh. RMM-7
Docket UE-19____
Witness: Robert M. Meredith

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

PACIFICORP dba
PACIFIC POWER & LIGHT COMPANY

Respondent.

Docket UE-19____

PACIFICORP

EXHIBIT OF ROBERT M. MEREDITH

Proposed Pricing and Billing Determinants

December 2019

**PACIFIC POWER & LIGHT COMPANY
STATE OF WASHINGTON
12 MONTHS ENDED JUNE 2019**

(Including Effects of Unbilled Revenue, Unbilled MWh and Weather Normalization)

	Units Actual	Present		Proposed	
		Price	Dollars	Price	Dollars
SCHEDULE 15					
Outdoor Area Lighting Service-Grand Combined					
Mercury Vapor Lamp Charges					
7,000 Lumens	24,390	\$11.24	\$274,141	\$8.15	\$198,865
21,000 Lumens	3,826	\$21.37	\$81,752	\$9.17	\$35,088
55,000 Lumens	442	\$44.25	\$19,548	\$10.77	\$4,759
High Pressure Sodium Vapor Lamp Charges					
5,800 Lumens	2,265	\$12.77	\$28,927	\$8.15	\$18,470
22,000 Lumens	1,884	\$18.76	\$35,351	\$9.17	\$17,284
50,000 Lumens	571	\$30.28	\$17,284	\$10.77	\$6,149
Pole Charges	497	\$1.00	\$497	\$0.00	\$0
Total Bills	27,886				
Subtotal	3,029,771		\$457,500		\$280,614
Unbilled	7,938		\$4,499		\$4,499
Total	3,037,709		\$461,999		\$285,114

SCHEDULE 16/18					
Residential Service-Combined					
Basic Charge	1,293,476	\$7.75	\$10,024,443	\$9.50	\$12,288,026
1st 600 kWh	675,973,717	6.717 ¢	\$45,405,155	7.796 ¢	\$52,698,911
All add'l kWh	869,356,278	10.613 ¢	\$92,264,783	9.744 ¢	\$84,710,076
kW demand	4,989	\$1.78	\$8,880	\$1.78	\$8,880
Minimum kW Charge	696	\$3.50	\$2,436	\$3.50	\$2,436
Subtotal	1,545,329,995		\$147,705,538		\$149,708,171
Unbilled	(20,611,783)		\$579,427		\$579,427
Total	1,524,718,212		\$148,284,965		\$150,287,598

SCHEDULE 16					
Residential Service					
Basic Charge	1,217,911	\$7.75	\$9,438,807	\$9.50	\$11,570,151
1st 600 kWh	638,778,486	6.717 ¢	\$42,906,751	7.796 ¢	\$49,799,171
All add'l kWh	815,713,649	10.613 ¢	\$86,571,690	9.744 ¢	\$79,483,138
kW demand	0	\$1.78	\$0	\$1.78	\$0
Minimum kW Charge	0	\$3.50	\$0	\$3.50	\$0
kW demand in minimum	0	(\$1.78)	\$0	(\$1.78)	\$0
Subtotal	1,454,492,135		\$138,917,248		\$140,852,460
Unbilled	(19,398,897)		\$545,023		\$545,023
Total	1,435,093,238		\$139,462,271		\$141,397,483

SCHEDULE 17					
Residential Service					
Basic Charge	60,732	\$7.75	\$470,674	\$9.50	\$576,955
1st 600 kWh	32,494,683	6.717 ¢	\$2,182,668	7.796 ¢	\$2,533,285
All add'l kWh	43,594,753	10.613 ¢	\$4,626,711	9.744 ¢	\$4,247,873
kW demand	0	\$1.78	\$0	\$1.78	\$0
Minimum kW Charge	0	\$3.50	\$0	\$3.50	\$0
kW demand in minimum	0	(\$1.78)	\$0	(\$1.78)	\$0
Subtotal	76,089,437		\$7,280,053		\$7,358,113
Unbilled	(1,022,509)		\$28,655		\$28,655
Total	75,066,927		\$7,308,708		\$7,386,768

**PACIFIC POWER & LIGHT COMPANY
STATE OF WASHINGTON
12 MONTHS ENDED JUNE 2019**

(Including Effects of Unbilled Revenue, Unbilled MWh and Weather Normalization)

	Units	Present	Proposed
SCHEDULE 24			
Small General Service-Grand Combined			
Seasonal			
Single Phase	3	\$119.88	\$360
Three Phase	75	\$178.68	\$13,343
Load Size > 15 kW	2,454	\$12.48	\$30,627
Basic Charge			
Single Phase	173,160	\$9.99	\$1,729,872
Three Phase	68,177	\$14.89	\$1,015,159
Load Size > 15 kW	1,269,889	\$1.04	\$1,320,685
Total Basic Charges	241,338		
Total Bills	239,144		
All kW >15	793,943	\$3.80	\$3,016,983
1st 1,000 kWh	136,614,733	10.878 ¢	\$14,860,950
Next 8,000 kWh	291,321,756	7.514 ¢	\$21,889,917
All additional kWh	122,057,287	6.472 ¢	\$7,899,548
Excess Kvar	121,030	58.00 ¢	\$70,197
Discounts			
Single Phase	84	\$9.99	(\$8)
Three Phase	104	\$14.89	(\$16)
Load Size > 15 kW	5,541	\$1.04	(\$58)
All kW	1,992	\$3.80	(\$76)
1st 1,000 kWh	149,223	10.878 ¢	(\$162)
Next 8,000 kWh	626,125	7.514 ¢	(\$470)
All additional kWh	362,541	6.472 ¢	(\$234)
Excess Kvar	1,170	58.00 ¢	(\$6)
High Voltage Charge	156	\$60.00	\$9,356
Load Size Discount	5,455	(30.00) ¢	(\$1,637)
Subtotal	549,993,776		\$51,854,330
Unbilled	4,745,356		\$646,735
Total	554,739,132		\$52,501,065

**PACIFIC POWER & LIGHT COMPANY
STATE OF WASHINGTON
12 MONTHS ENDED JUNE 2019**

(Including Effects of Unbilled Revenue, Unbilled MWh and Weather Normalization)

	Units	Present		Proposed	
SCHEDULE 33					
Partial Requirements Service					
Basic Charge					
<=100 kW	0	\$268.00	\$0	\$250.00	\$0
101 - 300 kW	0	\$100.00	\$0	\$93.00	\$0
>300 kW	0	\$200.00	\$0	\$186.00	\$0
Total Basic Charges	0				
101 - 300 kW	0	\$1.83	\$0	\$1.82	\$0
>300 kW	0	\$1.50	\$0	\$1.50	\$0
Demand Charges					
All kW	0	\$5.60	\$0	\$6.31	\$0
Energy Charges					
1st 40,000 kWh	0	5.912 ¢	\$0	5.642 ¢	\$0
All additional kWh	0	5.410 ¢	\$0	5.391 ¢	\$0
Excess Kvar	0	58.0 ¢	\$0	58.0 ¢	\$0
Excess Kvarh	0	0.06 ¢	\$0	0.06 ¢	\$0
Discounts					
		-1.0%		-1.0%	
<=100 kW	0	\$268.00	\$0	\$250.00	\$0
101 - 300 kW	0	\$100.00	\$0	\$93.00	\$0
>300 kW	0	\$200.00	\$0	\$186.00	\$0
101 - 300 kW	0	\$1.83	\$0	\$1.82	\$0
>300 kW	0	\$1.50	\$0	\$1.50	\$0
All kW	0	\$5.60	\$0	\$6.31	\$0
1st 40,000 kWh	0	5.912 ¢	\$0	0.000 ¢	\$0
All additional kWh	0	5.410 ¢	\$0	5.391 ¢	\$0
Excess kVar	0	58.00 ¢	\$0	58.00 ¢	\$0
Excess kVarh	0	0.06 ¢	\$0	0.06 ¢	\$0
High Voltage Charge--Primary	0	\$60.00	\$0	\$60.00	\$0
Load Size Discount - Primary	0	(30.00) ¢	\$0	(30.00) ¢	\$0
Standby kW	0	\$2.80	\$0	\$3.16	\$0
Overrun kW	0	\$22.40	\$0	\$25.24	\$0
Overrun kWh	0	23.648 ¢	\$0	21.564 ¢	\$0
Subtotal	0		\$0		\$0
Unbilled	0		\$0		\$0
Total	0		\$0		\$0

SCHEDULE 36

Large General Service < 1,000 kW-Grand Combined

Basic Charge					
<=100 kW	198	\$268.00	\$52,992	\$250.00	\$49,433
101 - 300 kW	8,799	\$100.00	\$879,930	\$93.00	\$818,335
>300 kW	3,916	\$200.00	\$783,267	\$186.00	\$728,438
Total Basic Charges	12,913				
101 - 300 kW	1,525,092	\$1.83	\$2,790,918	\$1.82	\$2,775,667
>300 kW	1,976,417	\$1.50	\$2,964,626	\$1.50	\$2,964,626
Demand Charges					
All kW	2,609,944	\$5.60	\$14,615,686	\$6.31	\$16,468,746
Minimum kW	4,789	\$5.60	\$26,817	\$6.31	\$30,218
Energy Charges					
1st 40,000 kWh	409,227,417	5.912 ¢	\$24,193,525	5.642 ¢	\$23,088,611
All additional kWh	531,898,153	5.410 ¢	\$28,775,691	5.391 ¢	\$28,674,630
Excess Kvar	440,924	58.00 ¢	\$255,735	58.00 ¢	\$255,735
Discounts					
		-1.0%		-1.0%	
<=100 kW	60	\$268.00	\$0	\$250.00	\$0
101 - 300 kW	5,896	\$100.00	(\$51)	\$93.00	(\$47)
>300 kW	39,349	\$200.00	(\$120)	\$186.00	(\$112)
101 - 300 kW	27,373	\$1.83	(\$108)	\$1.82	(\$107)
>300 kW	737	\$1.50	(\$590)	\$1.50	(\$590)
All kW	3,473,060	\$5.60	(\$1,533)	\$6.31	(\$1,727)
Minimum kW	6,930,058	\$5.60	(\$41)	\$6.31	(\$46)
1st 40,000 kWh	6,802	5.912 ¢	(\$2,053)	5.642 ¢	(\$1,960)
All additional kWh	104	5.410 ¢	(\$3,749)	5.391 ¢	(\$3,736)
Excess Kvar	46,478	58.00 ¢	(\$39)	58.00 ¢	(\$39)
High Voltage Charge	3,473,060	\$60.00	\$6,240	\$60.00	\$6,240
Load Size Discount	6,930,058	(30.00) ¢	(\$13,943)	(30.00) ¢	(\$13,943)
Subtotal	941,125,570		\$75,323,200		\$75,838,372
Unbilled	9,615,691		\$924,430		\$924,430
Total	950,741,261		\$76,247,630		\$76,762,802

**PACIFIC POWER & LIGHT COMPANY
STATE OF WASHINGTON
12 MONTHS ENDED JUNE 2019**

(Including Effects of Unbilled Revenue, Unbilled MWh and Weather Normalization)

	Units	Present		Proposed	
SCHEDULE 40					
Agricultural Pumping Service-Grand Combined					
Annual Load Size Charge					
Single Phase Bills	1,004	\$0.00	\$0	\$0.00	\$0
Three Phase Bills					
< 51 kW	3,685	\$0.00	\$0	\$0.00	\$0
< 301 kW	434	\$379.00	\$164,608	\$452.00	\$196,314
> 300 kW	12	\$1,539.00	\$18,932	\$1,835.00	\$22,573
Total Bills	5,136				
Monthly Bills	29,199				
Customer Count	20,744				
Annual Load Size kW Charge					
Single Phase kW	3,761	\$26.63	\$100,163	\$31.75	\$119,420
Three Phase kW					
< 51 kW	53,906	\$26.63	\$1,435,506	\$31.75	\$1,711,502
< 301 kW	42,010	\$18.53	\$778,449	\$22.09	\$928,005
> 300 kW	4,740	\$14.49	\$68,680	\$17.27	\$81,858
Single Phase Minimum Bills	526	\$79.89	\$41,993	\$95.25	\$50,067
Three Phase <51kW Minimum Bil	989	\$159.78	\$158,037	\$190.50	\$188,423
KW in Minimum					
Single Phase kW	499	(\$26.63)	(\$13,290)	(\$31.75)	(\$15,845)
Three Phase <51kW, kW	1,532	(\$26.63)	(\$40,784)	(\$31.75)	(\$48,625)
Energy Charges	0				
All kWh	156,050,798	7.203 ¢	\$11,240,339	6.935 ¢	\$10,822,123
Excess Kvar	66,643	58.00 ¢	\$38,653	58.00 ¢	\$38,653
Discounts		-1.0%		-1.0%	
Single Phase	0	\$0.00	\$0	\$0.00	\$0
Three Phase					
< 51 kW	1	\$0.00	\$0	\$0.00	\$0
< 301 kW	0	\$379.00	\$0	\$452.00	\$0
> 300 kW	0	\$1,539.00	\$0	\$1,835.00	\$0
Single Phase	0	\$26.63	\$0	\$31.75	\$0
Three Phase					
< 51 kW	39	\$26.63	(\$10)	\$31.75	(\$12)
< 301 kW	0	\$18.53	\$0	\$22.09	\$0
> 300 kW	0	\$14.49	\$0	\$17.27	\$0
Single Phase Min	0	\$79.89	\$0	\$95.25	\$0
Three Phase <51kW Min	0	\$159.78	\$0	\$190.50	\$0
KW in Minimum					
Single Phase kW	0	(\$26.63)	\$0	(\$31.75)	\$0
Three Phase <51kW, kW	0	(\$26.63)	\$0	(\$31.75)	\$0
Energy Charges					
All kWh	9,458	7.203 ¢	(\$7)	6.935 ¢	(\$7)
Excess Kvar	0	58.00 ¢	\$0	58.00 ¢	\$0
High Voltage Charge	12	\$60.00	\$720	\$60.00	\$720
Load Size Discount	468	(30.00) ¢	(\$140)	(30.00) ¢	(\$140)
Subtotal	156,050,798		\$13,991,849		\$14,095,029
Unbilled	8,745,000		\$1,173,000		\$1,173,000
Total	164,795,798		\$15,164,849		\$15,268,029

SCHEDULE 47T

Large Partial Requirements Service - Secondary

Basic Charge					
<=3000 kW	12	\$1,442.00	\$17,304	\$1,330.00	\$15,960
>3000 kW	0	\$1,743.00	\$0	\$1,607.00	\$0
Total Basic Charges	12				
<=3000 kW variable	27,697	\$1.15	\$31,852	\$1.24	\$34,344
>3000 kW variable	0	\$1.03	\$0	\$1.11	\$0
All kW-On-Peak Current	20,184	\$8.16	\$164,701	\$8.78	\$0
All kW-On-Peak Proposed	20,161			\$8.79	\$177,216
Energy Charges					
All kWh	2,630,000	4.852 ¢	\$127,608	4.803 ¢	\$0
On Peak kWh	790,506	0.000 ¢	\$0	5.456 ¢	\$43,130
Off Peak kWh	1,839,494	0.000 ¢	\$0	4.523 ¢	\$83,200
Excess Kvar	12,558	\$0.57	\$7,158	\$0.58	\$7,284
Standby kW	3,816	\$4.08	\$15,569	\$4.39	\$16,752
Overrun kW	563	\$32.64	\$18,376	\$35.12	\$19,773
Overrun kWh	625	19.408 ¢	\$121	21.824 ¢	\$136
NPC-Base - All kWh	2,630,000	\$0.00		4.523 ¢	\$0
Subtotal	2,630,000		\$382,689		\$397,794
Unbilled	49,158		\$2,313		\$2,313
Total	2,679,158		\$385,002		\$400,107

**PACIFIC POWER & LIGHT COMPANY
STATE OF WASHINGTON
12 MONTHS ENDED JUNE 2019**

(Including Effects of Unbilled Revenue, Unbilled MWh and Weather Normalization)

	Units	Present	Proposed
SCHEDULE 48T			
Large General Service 1,000 kW and over-Grand Combined			
Basic Charge			
<=3000 kW	774	\$1,120,335	\$1,033,281
>3000 kW	12	\$34,188	\$35,976
Total Basic Charges	786		
<=3000 kW variable	1,121,158	\$1,171,938	\$1,264,604
>3000 kW variable	658,962	\$171,330	\$171,330
All kW-On-Peak Current	1,555,055	\$12,504,540	\$0
All kW-On-Peak Proposed	1,539,182	\$0	\$13,717,131
Energy Charges			
All kWh	807,666,594	\$38,763,826	\$0
On Peak kWh	233,794,330	\$0	\$12,629,050
Off Peak kWh	573,872,264	\$0	\$25,631,270
Excess Kvar	179,017	\$101,516	\$103,493
Subtotal	807,666,594	\$53,867,673	\$54,586,135
Unbilled	13,301,071	\$427,250	\$427,250
Total	820,967,664	\$54,294,924	\$55,013,386

SCHEDULE 48T			
Large General Service 1,000 kW and over-Combined			
Basic Charge			
<=3000 kW	774	\$1,120,335	\$1,033,281
>3000 kW	0	\$0	\$0
Total Basic Charges	774		
<=3000 kW variable	1,121,158	\$1,171,938	\$1,264,604
>3000 kW variable	0	\$0	\$0
All kW-On-Peak Current	909,773	\$7,393,907	\$0
All kW-On-Peak Proposed	903,242		\$7,955,515
Energy Charges			
All kWh	394,620,594	\$19,111,097	\$0
On Peak kWh	118,519,464	\$0	\$6,456,081
Off Peak kWh	276,101,130	\$0	\$12,463,830
Excess Kvar	160,351	\$91,250	\$92,854
Subtotal	394,620,594	\$28,888,527	\$29,266,165
Unbilled	5,564,970	\$276,990	\$276,990
Total	400,185,564	\$29,165,517	\$29,543,154

SCHEDULE 48T					
Large General Service 1,000 kW and over-Secondary Combined					
Basic Charge					
<=3000 kW	642	\$1,442.00	\$925,371	\$1,330.00	\$853,497
>3000 kW	0	\$1,743.00	\$0	\$1,607.00	\$0
Total Basic Charges	642				
<=3000 kW variable	915,203	\$1.15	\$1,052,484	\$1.24	\$1,134,852
>3000 kW variable	0	\$1.03	\$0	\$1.11	\$0
All kW-On-Peak Current	744,007	\$8.16	\$6,071,094	\$8.78	\$0
All kW-On-Peak Proposed	743,063			\$8.79	\$6,531,524
Energy Charges					
All kWh	328,149,971	4.852 ¢	\$15,921,837	4.803 ¢	\$0
On Peak kWh	98,632,936		\$0	5.456	\$5,381,413
Off Peak kWh	229,517,034		\$0	4.523	\$10,381,055
Excess Kvar	145,335	\$0.57	82,841	\$0.58	84,295
Subtotal	328,149,971		\$24,053,627		\$24,366,636
Unbilled	4,944,666		\$214,530		\$214,530
Total	333,094,636		\$24,268,157		\$24,581,165

SCHEDULE 48T					
Large General Service 1,000 kW and over-Primary-Combined					
Basic Charge					
<=3000 kW	132	\$1,477.00	\$194,964	\$1,362.00	\$179,784
>3000 kW	0	\$1,777.00	\$0	\$1,639.00	\$0
Total Basic Charges	132				
<=3000 kW variable	205,955	\$0.58	\$119,454	\$0.63	\$129,752
>3000 kW variable	0	\$0.47	\$0	\$0.51	\$0
All kW-On-Peak Current	165,766	\$7.98	\$1,322,813	\$8.59	\$0
All kW-On-Peak Proposed	160,179			\$8.89	\$1,423,991
Energy Charges					
All kWh	66,470,623	4.798 ¢	\$3,189,260	4.750 ¢	\$0
On Peak kWh	19,886,527	0.000 ¢	\$0	5.404 ¢	\$1,074,668
Off Peak kWh	46,584,096	0.000 ¢	\$0	4.471 ¢	\$2,082,775
Excess Kvar	15,016	\$0.56	\$8,409	\$0.57	\$8,559
Subtotal	66,470,623		\$4,834,900		\$4,899,529
Unbilled	620,304		\$62,460		\$62,460
Total	67,090,927		\$4,897,360		\$4,961,989

**PACIFIC POWER & LIGHT COMPANY
STATE OF WASHINGTON
12 MONTHS ENDED JUNE 2019**

(Including Effects of Unbilled Revenue, Unbilled MWh and Weather Normalization)

	Units	Present		Proposed	
SCHEDULE 48T					
Large General Service 30,000 kW and over-Primary Dedicated Facilities					
Basic Charge					
<=30000 kW	0		\$0		\$0
>30000 kW	12	\$2,849.00	\$34,188	\$2,998.00	\$35,976
Total Basic Charges	12				
<=3000 kW variable	0		\$0		\$0
>30000 kW variable	658,962	\$0.26	\$171,330	\$0.26	\$171,330
All kW-On-Peak Current	645,282	\$7.92	\$5,110,633	\$8.93	\$0
All kW-On-Peak Proposed	635,940			\$9.06	\$5,761,616
Energy Charges					
All kWh	413,046,000	4.758 ¢	\$19,652,729	4.683 ¢	\$0
On Peak kWh	115,274,866	0.000 ¢	\$0	5.355 ¢	\$6,172,969
Off Peak kWh	297,771,134	0.000 ¢	\$0	4.422 ¢	\$13,167,440
Excess Kvar	18,666	\$0.55	\$10,266	0.57	\$10,640
Subtotal	413,046,000		\$24,979,146		\$25,319,971
Unbilled	7,736,101		\$150,261		\$150,261
Total	420,782,101		\$25,129,407		\$25,470,231

SCHEDULE 51					
Street Lighting Service Company-Owned					
High Pressure Sodium Vapor					
Per Lamp Charges					
5,800 Lumens	11,400	\$8.93	\$101,802	\$8.63	\$98,357
9,500 Lumens	17,310	\$10.72	\$185,565	\$9.26	\$160,367
9,500 Lumens-Decorative Seric	0	\$34.03	\$0	\$0.00	\$0
9,500 Lumens-Decorative Seric	0	\$26.46	\$0	\$0.00	\$0
16,000 Lumens	1,066	\$13.69	\$14,588	\$9.53	\$10,158
16,000-Lumens Decorative Ser	48	\$35.25	\$1,692	\$17.07	\$819
16,000-Lumens Decorative Seri	0	\$27.72	\$0	\$0.00	\$0
22,000 Lumens	16,338	\$15.63	\$255,355	\$9.84	\$160,825
27,500 Lumens	1,995	\$19.80	\$39,507	\$10.44	\$20,834
50,000 Lumens	2,707	\$26.16	\$70,813	\$12.73	\$34,450
LED					
4,600 Lumens	42	\$7.95	\$335	\$8.63	\$364
5,600 Lumens	1,941	\$9.86	\$19,134	\$9.26	\$17,978
8,400 Lumens	386	\$12.43	\$4,802	\$9.53	\$3,683
9,800 Lumens	31	\$12.87	\$395	\$9.84	\$302
17,100 Lumens	1,920	\$20.67	\$39,694	\$10.44	\$20,051
22,100 Lumens	711	\$26.09	\$18,546	\$12.73	\$9,047
LED - Customer Funded Conversion					
4,600 Lumens	2,512	\$6.50	\$16,326	\$4.25	\$10,678
5,600 Lumens	1,225	\$6.97	\$8,538	\$4.59	\$5,624
8,400 Lumens	21	\$7.97	\$168	\$4.84	\$102
9,800 Lumens	1,848	\$8.13	\$15,022	\$5.11	\$9,439
17,100 Lumens	164	\$10.56	\$1,734	\$5.44	\$894
22,100 Lumens	648	\$12.09	\$7,838	\$6.65	\$4,308
Total Bills	2,928				
Subtotal	3,621,950		\$801,854		\$568,280
Unbilled	97,339		\$12,386		\$12,386
Total	3,719,289		\$814,240		\$580,666

SCHEDULE 52					
Company-Owned Street Lighting Service					
Operation, Maintenance, Depreciation & Fixed Costs					
Dusk to Dawn kWh	140,860	8.752 ¢	\$12,328	0.000 ¢	\$0
Dusk to Midnight kWh	0	9.794 ¢	\$0	0.000 ¢	\$0
Total Customers	14				
Subtotal	140,860		\$30,415		\$21,032
Unbilled	3,830		\$476		\$476
Total	144,690		\$30,891		\$21,509

**PACIFIC POWER & LIGHT COMPANY
STATE OF WASHINGTON
12 MONTHS ENDED JUNE 2019**

(Including Effects of Unbilled Revenue, Unbilled MWh and Weather Normalization)

	Units	Present		Proposed	
SCHEDULE 53					
Customer-Owned Street Lighting Service - Grand Combined					
Operation, Maintenance, Depreciation & Fixed Costs			\$1,694		\$0
Non-Listed Lumen-Energy Only	1,847,419		\$133,291		\$81,081
Listed Lumen-Energy Only	1,848,478		\$133,337		\$81,127
Total Bills	2,792				
Subtotal	3,695,897		\$268,322		\$162,208
Unbilled	100,238		\$4,167		\$4,167
Total	3,796,135		\$272,489		\$166,375

SCHEDULE 53F					
Customer-Owned Street Lighting Service					
Operation, Maintenance, Depreciation & Fixed Costs			\$1,694		\$0
High Pressure Sodium Vapor					
5,800 Lumens-Energy Only	4,224	\$2.24	\$9,462	\$0.00	\$0
9,500 Lumens-Energy Only	7,629	\$3.17	\$24,183	\$0.00	\$0
16,000 Lumens-Energy Only	60	\$4.62	\$277	\$0.00	\$0
22,000 Lumens-Energy Only	8,114	\$6.13	\$49,737	\$0.00	\$0
27,500 Lumens-Energy Only	3,745	\$8.30	\$31,086	\$0.00	\$0
50,000 Lumens-Energy Only	1,464	\$12.70	\$18,593	\$0.00	\$0
Metal Halide					
9,000 Lumens-Energy Only	0	\$2.81	\$0	\$0.00	\$0
12,000 Lumens-Energy Only	0	\$4.91	\$0	\$0.00	\$0
19,500 Lumens-Energy Only	0	\$6.78	\$0	\$0.00	\$0
32,000 Lumens-Energy Only	0	\$10.75	\$0	\$0.00	\$0
107,800 Lumens-Energy Only	0	\$25.54	\$0	\$0.00	\$0
		\$0.00			
Non-Listed Lumen-Energy Only	1,109,400	7.215 ¢	\$80,043	4.389 ¢	\$48,690
Listed Lumen-Energy Only-above	1,848,478			4.389 ¢	\$81,127
Total Bills	1,443				
Subtotal	2,957,878		\$215,074		\$129,817
Unbilled	80,210		\$3,338		\$3,338
Total	3,038,088		\$218,412		\$133,156

*Included in Generation Price

SCHEDULE 53M					
Customer-Owned Street Lighting Service					
Operation, Maintenance, Depreciation & Fixed Costs			\$0		\$0
Option A (Co. O&M) kWh	0	7.215 ¢	\$0	4.389 ¢	\$0
Option B (Cust. O&M) kWh	738,019	7.215 ¢	\$53,248	4.389 ¢	\$32,391
Total Bills	1,349				
Subtotal	738,019		\$53,248		\$32,391
Unbilled	20,028		\$829		\$829
Total	758,047		\$54,077		\$33,220

*Included in Generation Price

SCHEDULE 54					
Recreational Field Lighting					
Basic Charge 1 Phase	144	\$3.90	\$562	\$7.40	\$1,066
Basic Charge 3 Phase	180	\$7.00	\$1,260	\$13.25	\$2,385
Total Bills	324				
All kWh	282,712	8.582 ¢	\$24,262	4.697 ¢	\$13,280
Subtotal	282,712		\$26,084		\$16,731
Unbilled	2,569		\$345		\$345
Total	285,281		\$26,429		\$17,076

**PACIFIC POWER & LIGHT COMPANY
STATE OF WASHINGTON
12 MONTHS ENDED JUNE 2019**

(Including Effects of Unbilled Revenue, Unbilled MWh and Weather Normalization)

	Units	Present		Proposed	
SCHEDULE 57					
Mercury Vapor Street Lighting Service					
Overhead System on Wood Poles					
Horizontal Lamp Charges					
7,000 Lumens	11,338	\$10.29	\$116,663	\$8.63	\$97,817
21,000 Lumens	922	\$18.83	\$17,366	\$9.84	\$9,078
55,000 Lumens	0	\$38.08	\$0	\$12.73	\$0
Vertical Lamp Charges					
7,000 Lumens	3,195	\$9.65	\$30,834	\$8.63	\$27,568
21,000 Lumens	0	\$17.57	\$0	\$9.84	\$0
Overhead System on Metal Poles					
Horizontal Lamp Charges					
7,000 Lumens	409	\$13.44	\$5,497	\$8.63	\$3,529
21,000 Lumens	359	\$22.57	\$8,108	\$9.84	\$3,536
55,000 Lumens	0	\$41.85	\$0	\$12.73	\$0
Vertical Lamp Charges					
7,000 Lumens	0	\$12.72	\$0	\$8.63	\$0
21,000 Lumens	0	\$21.34	\$0	\$9.84	\$0
Underground System					
Horizontal Lamp Charges					
7,000 Lumens	0	\$13.43	\$0	\$8.63	\$0
21,000 Lumens	0	\$21.83	\$0	\$9.84	\$0
55,000 Lumens	0	\$41.13	\$0	\$12.73	\$0
Vertical Lamp Charges					
7,000 Lumens	0	\$12.72	\$0	\$8.63	\$0
21,000 Lumens	0	\$20.60	\$0	\$9.84	\$0
Post 1977 System					
7,000 Lumens	180	\$10.75	\$1,937	\$8.63	\$1,554
21,000 Lumens	582	\$18.82	\$10,944	\$9.84	\$5,725
55,000 Lumens	0	\$40.20	\$0	\$12.73	\$0
Total Bills	386				
NPC-Base - All kWh *	1,469,704	0.000 ¢		0.000 ¢	\$0
Subtotal	1,469,704		\$191,349		\$148,807
Unbilled	39,593		\$2,971		\$2,971
Total	1,509,297		\$194,320		\$151,778

*Included in Generation Price

Washington TOTALS	4,031,133,626		\$348,678,803		\$351,815,196
AGA			\$727,802		\$727,802
Washington TOTALS with AGA	4,031,133,626		\$ 349,406,605		\$ 352,542,998