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September 16, 2020

VIA ELECTRONIC FILING

Attention: Filing Center
Public Utility Commission of Oregon
P.O. Box 1088
Salem, Oregon 97308-1088

Re: UE 374 – In the Matter of PACIFICORP d/b/a PACIFIC POWER’S Request for a General Rate Revision.

Attention Filing Center:

Attached for filing in the above-referenced docket is PacifiCorp d/b/a Pacific Power’s Errata to the Reply Testimony of Mr. James Owen (PAC/2500, Owen/13) and Mr. Robert M. Meredith (Exhibits PAC/3205, 3206), filed June 25, 2020. This errata corrects the following:

- PAC/2500, Owen/13: The wording on page 13 is clarified, as shown in redline.
- Exhibits PAC/3205, 3206: The Company’s proposed time of use periods for Schedules 48 and 47 applied on-peak hours to all days irrespective of weekends or holidays. In calculating estimated billing determinants for revised time of use periods for Schedules 48 and 47, however, the Company inadvertently considered weekends and holidays as being entirely off-peak. The updated reply exhibits PAC 3205 and 3206 reflect the corrected billing determinants for the proposed time of use periods for Schedules 48 and 47. Exhibits PAC/3205 and 3206 should be replaced in their entirety.

Please contact this office with any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Katie'.

Katherine McDowell

Attachment

UE 374

CLEAN VERSION

ERRATA PAGE 13

**Reply Testimony of James Owen
(PAC/2500)**

1 Dr. Fisher's argument is undermined not only by the fact that it has been made
2 multiple times in multiple jurisdictions and consistently rejected, but also because his
3 predictions regarding EPA's actions were also incorrect. During the Wyoming
4 commission CPCN proceeding in 2013, in support of his claim that the Company
5 should delay action on the SCRs, Dr. Fisher testified that the 2015 and 2016
6 compliance deadlines would "certainly not materialize."⁴⁰ This, of course, turned out
7 to be wrong.

8 **Q. To be clear, has the EPA approved the state of Wyoming's Regional Haze**
9 **compliance requirements for Jim Bridger Units 3 and 4?**

10 A. Yes. The EPA proposed approval of these requirements in its proposed Regional
11 Haze Federal Implementation Plan (FIP) for Wyoming published in the *Federal*
12 *Register* on June 4, 2012. The EPA finalized its approval of these requirements in its
13 updated Regional Haze FIP for Wyoming published in the *Federal Register* on
14 January 30, 2014. The EPA's final approval makes these emissions reduction
15 compliance requirements at Jim Bridger Units 3 and 4 federally enforceable, in
16 addition to being enforceable under state law.

17 **Q. Sierra Club argues that the Company should have challenged or sought to stay**
18 **the EPA's decision to require the Jim Bridger SCRs.⁴¹ Is this argument**
19 **relevant?**

20 A. No. As explained above, the Company's obligation to comply with Wyoming's
21 requirements to install the Jim Bridger SCRs was independent of and supplemental to

⁴⁰ PAC/2517 (Excerpt of Dr. Fisher's Testimony in Wyoming Pub. Serv. Comm'n, Docket No. 2000-418-EA-12 (Feb. 1, 2013)).

⁴¹ Sierra Club/100, Fisher/25-26.

UE 374

REDLINED VERSION

ERRATA PAGE 13

**Reply Testimony of James Owen
(PAC/2500)**

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2 multiple times in multiple jurisdictions and consistently rejected, but also because his
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4 commission CPCN proceeding in 2013, in support of his claim that the Company
5 should delay action on the SCRs, Dr. Fisher testified that the 2015 and 2016
6 compliance deadlines would "certainly not materialize."⁴⁰ This, of course, turned out
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11 proposed Regional Haze Federal Implementation Plan (FIP) for Wyoming published
12 in the *Federal Register* on June 4, 2012. The EPA ~~reiterated~~finalized its approval of
13 these requirements in its updated Regional Haze FIP for Wyoming published in the
14 *Federal Register* on January 30, 2014. The EPA's final approval makes these
15 emissions reduction compliance requirements at Jim Bridger Units 3 and 4 federally
16 enforceable, in addition to being enforceable under state law.

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⁴¹ Sierra Club/100, Fisher/25-26.

ERRATA

Docket No. UE 374

Exhibit PAC/3205

Witness: Robert M. Meredith

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

PACIFICORP

ERRATA

Exhibit Accompanying Reply Testimony of Robert M. Meredith

Updated Target Functionalized Revenues and Billing Determinants

September 2020

**PACIFIC POWER
STATE OF OREGON
Functionalized Revenue Targets and Summary of Proposed Functionalized Revenues
Forecast 12 Months Ended December 31, 2021**

Rate Schedule		Present	Cost of Service	Revenue Neutral	Target with	Summary of Proposed
		Revenues (\$000)	Revenues (\$000)	Rate Spread Adj. Revenues (\$000)	Unadjusted NPC Revenues (\$000)	Functionalized Revenues (\$000)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Schedule 4, Residential						
	Transmission & Ancillary Services ¹	\$26,115	\$45,179		\$45,179	\$45,163
	System Usage- Schedule 200 Related	\$3,975	\$4,598		\$4,598	\$4,583
	System Usage- T&A and Schedule 201 Related	\$4,196	\$4,284		\$4,284	\$4,306
	Distribution	\$257,712	\$280,265	-\$2,500	\$277,765	\$277,756
	Other Adjustments	\$13,469	\$0		\$0	\$0
	Generation Energy - Other (non-NPC) (Sch 200)	\$176,026	\$184,784		\$184,784	\$184,802
	Generation Energy - Net Power Costs (Sch 201)	\$147,025	\$126,977		\$147,025	\$147,025
	Total	\$628,518	\$646,088	-\$2,500	\$663,636	\$663,635
Schedule 23, Small General Service						
	Transmission & Ancillary Services ¹	\$5,097	\$8,175		\$8,175	\$8,171
	System Usage- Schedule 200 Related	\$791	\$868		\$868	\$870
	System Usage- T&A and Schedule 201 Related	\$825	\$795		\$795	\$791
	Distribution	\$51,200	\$62,839	\$1,768	\$64,606	\$64,606
	Other Adjustments	\$3,511	\$0		\$0	\$0
	Generation Energy - Other (non-NPC) (Sch 200)	\$35,831	\$35,853		\$35,853	\$35,854
	Generation Energy - Net Power Costs (Sch 201)	\$28,827	\$24,637		\$28,827	\$28,827
	Total	\$126,081	\$133,167	\$1,768	\$139,124	\$139,119
Schedule 28, General Service 31-200kW						
Secondary Voltage						
	Transmission & Ancillary Services ¹	\$10,037	\$14,842		\$14,842	\$14,820
	System Usage- Schedule 200 Related	\$1,510	\$1,704		\$1,704	\$1,711
	System Usage- T&A and Schedule 201 Related	\$1,570	\$1,563		\$1,563	\$1,570
	Distribution	\$45,939	\$51,545	\$1,450	\$52,995	\$53,003
	Other Adjustments	\$6,491	\$0		\$0	\$0
	Generation Energy - Other (non-NPC) (Sch 200)	\$65,991	\$64,373		\$64,373	\$64,368
	Generation Energy - Net Power Costs (Sch 201)	\$52,883	\$44,235		\$52,883	\$52,883
	Total	\$184,421	\$178,262	\$1,450	\$188,360	\$188,355
Primary Voltage						
	Transmission & Ancillary Services ¹	\$108	\$191		\$191	\$191
	System Usage- Schedule 200 Related	\$18	\$21		\$21	\$21
	System Usage- T&A and Schedule 201 Related	\$19	\$19		\$19	\$19
	Distribution	\$591	\$680	\$19	\$699	\$699
	Other Adjustments	\$79	\$0		\$0	\$0
	Generation Energy - Other (non-NPC) (Sch 200)	\$794	\$822		\$822	\$822
	Generation Energy - Net Power Costs (Sch 201)	\$652	\$565		\$652	\$652
	Total	\$2,261	\$2,299	\$19	\$2,404	\$2,404
Schedule 30, General Service 201-999kW						
Secondary Voltage						
	Transmission & Ancillary Services ¹	\$5,960	\$8,775		\$8,775	\$8,783
	System Usage- Schedule 200 Related	\$847	\$1,026		\$1,026	\$1,024
	System Usage- T&A and Schedule 201 Related	\$885	\$934		\$934	\$935
	Distribution	\$20,912	\$23,816	\$670	\$24,486	\$24,516
	Other Adjustments	\$3,965	\$0		\$0	\$0
	Generation Energy - Other (non-NPC) (Sch 200)	\$38,591	\$39,417		\$39,417	\$39,386
	Generation Energy - Net Power Costs (Sch 201)	\$31,714	\$27,086		\$31,714	\$31,714
	Total	\$102,874	\$101,053	\$670	\$106,352	\$106,359
Primary Voltage						
	Transmission & Ancillary Services ¹	\$475	\$721		\$721	\$719
	System Usage- Schedule 200 Related	\$64	\$78		\$78	\$78
	System Usage- T&A and Schedule 201 Related	\$66	\$72		\$72	\$72
	Distribution	\$1,670	\$1,934	\$54	\$1,989	\$1,986
	Other Adjustments	\$304	\$0		\$0	\$0
	Generation Energy - Other (non-NPC) (Sch 200)	\$2,946	\$3,098		\$3,098	\$3,103
	Generation Energy - Net Power Costs (Sch 201)	\$2,414	\$2,129		\$2,414	\$2,414
	Total	\$7,939	\$8,032	\$54	\$8,372	\$8,373
Schedule 41, Agricultural Pumping Service						
	Transmission & Ancillary Services ¹	\$811	\$1,425		\$1,425	\$1,425
	System Usage- Schedule 200 Related	\$164	\$148		\$148	\$160
	System Usage- T&A and Schedule 201 Related	\$168	\$164		\$164	\$215
	Distribution	\$11,330	\$14,078	\$396	\$14,474	\$14,412
	Other Adjustments	\$709	\$0		\$0	\$0
	Generation Energy - Other (non-NPC) (Sch 200)	\$7,030	\$6,703		\$6,703	\$6,702
	Generation Energy - Net Power Costs (Sch 201)	\$5,736	\$4,606		\$5,736	\$5,736
	Total	\$25,947	\$27,124	\$396	\$28,650	\$28,649

PACIFIC POWER
STATE OF OREGON
Functionalized Revenue Targets and Summary of Proposed Functionalized Revenues
Forecast 12 Months Ended December 31, 2021

Rate Schedule	Present	Cost of Service	Revenue Neutral	Target with	Summary of Proposed
	Revenues (\$000)	Revenues (\$000)	Rate Spread Adj. Revenues (\$000)	Unadjusted NPC Revenues (\$000)	Functionalized Revenues (\$000)
(1)	(2)	(3)	(4)	(5)	(6)
(7)					
Schedule 48, Large General Service, 1,000kW and over					
Secondary Voltage					
Transmission & Ancillary Services ¹	\$2,546	\$3,858		\$3,858	\$3,860
System Usage- Schedule 200 Related	\$372	\$417		\$417	\$416
System Usage- T&A and Schedule 201 Related	\$383	\$380		\$380	\$378
Distribution	\$7,986	\$12,356	-\$114	\$12,242	\$12,264
Other Adjustments	\$1,662	\$0		\$0	\$0
Generation Energy - Other (non-NPC) (Sch 200)	\$16,819	\$17,322		\$17,322	\$17,300
Generation Energy - Net Power Costs (Sch 201)	\$13,759	\$11,903		\$13,759	\$13,759
Total	\$43,528	\$46,236	-\$114	\$47,978	\$47,977
Primary Voltage					
Transmission & Ancillary Services ¹	\$6,500	\$9,850		\$9,850	\$9,834
System Usage- Schedule 200 Related	\$942	\$1,140		\$1,140	\$1,142
System Usage- T&A and Schedule 201 Related	\$1,266	\$1,027		\$1,027	\$1,034
Distribution	\$16,526	\$22,812	-\$506	\$22,307	\$22,298
Other Adjustments	\$4,472	\$0		\$0	\$0
Generation Energy - Other (non-NPC) (Sch 200)	\$43,655	\$46,113		\$46,113	\$46,128
Generation Energy - Net Power Costs (Sch 201)	\$35,458	\$31,687		\$35,458	\$35,458
Total	\$108,818	\$112,629	-\$506	\$115,894	\$115,895
Transmission Voltage					
Transmission & Ancillary Services ¹	\$3,375	\$5,532		\$5,532	\$5,535
System Usage- Schedule 200 Related	\$559	\$704		\$704	\$706
System Usage- T&A and Schedule 201 Related	\$598	\$625		\$625	\$628
Distribution	\$7,433	\$8,159	-\$944	\$7,215	\$7,210
Other Adjustments	\$2,734	\$0		\$0	\$0
Generation Energy - Other (non-NPC) (Sch 200)	\$25,624	\$27,500		\$27,500	\$27,495
Generation Energy - Net Power Costs (Sch 201)	\$21,134	\$18,897		\$21,134	\$21,134
Total	\$61,458	\$61,416	-\$944	\$62,709	\$62,708
Schedules 15, 51, 53, 54 Lighting					
Secondary Voltage					
Transmission & Ancillary Services ¹	\$31	\$31		\$31	\$31
System Usage- Schedule 200 Related	\$19	\$16		\$16	\$16
System Usage- T&A and Schedule 201 Related	\$20	\$12		\$12	\$12
Distribution	\$3,361	\$3,690	\$104	\$3,794	\$3,794
Other Adjustments	\$99	\$0		\$0	\$0
Generation Energy - Other (non-NPC) (Sch 200)	\$931	\$538		\$538	\$539
Generation Energy - Net Power Costs (Sch 201)	\$779	\$370		\$779	\$779
Total	\$5,242	\$4,656	\$104	\$5,169	\$5,169
TOTAL	\$1,297,086	\$1,320,961	\$397	\$1,368,649	\$1,368,643
Employee Discount	-\$392		\$2	-\$414	-\$414
Additional Rate Schedules					
Schedule 47	\$5,249		(\$125)	\$5,599	\$5,599
Schedule 848	\$2,222		(\$275)	\$2,159	\$2,159
Total Oregon	\$1,304,165		(\$0)	\$1,375,992	\$1,375,987
		Revenue Increase	(\$0)	\$71,827	\$71,822

¹Includes only FERC transmission plus ancillary services revenues. Non-FERC transmission revenues are recovered through distribution charges.

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual 7/18-6/19 Units	Normalized 7/18-6/19 Units	Forecast 1/21 - 12/21 Units	Present		Proposed	
				Price	Dollars	Price	Dollars
Schedule No. 4							
Residential Service							
Transmission & Ancillary Services Charge							
per kWh	5,480,370,435	5,483,040,703	5,521,126,670 kWh	0.473 ¢	\$26,114,929	0.818 ¢	\$45,162,816
System Usage Charge							
Sch 200 related, per kWh	5,480,370,435	5,483,040,703	5,521,126,670 kWh	0.072 ¢	\$3,975,211	0.083 ¢	\$4,582,535
T&A and Sch 201 related, per kWh	5,480,370,435	5,483,040,703	5,521,126,670 kWh	0.076 ¢	\$4,196,056	0.078 ¢	\$4,306,479
Distribution Charge							
Basic Charge Single Family, per month	4,861,272	4,861,272	4,984,042 bill	\$9.50	\$47,348,399	\$12.00	\$59,808,504
Basic Charge Multi Family, per month	1,198,574	1,198,574	1,228,844 bill	\$9.50	\$11,674,018	\$7.00	\$8,601,908
Total Bills	6,059,846	6,059,846	6,212,885 bill				
Three Phase Demand Charge, per kW demand	15,458	15,458	15,565 kW	\$2.20	\$34,243	\$2.20	\$34,243
Three Phase Minimum Demand Charge, per month	1,407	1,407	1,443 bill	\$3.80	\$5,483	\$3.80	\$5,483
Distribution Energy Charge, per kWh	5,480,370,435	5,483,040,703	5,521,126,670 kWh	3.598 ¢	\$198,650,138	3.791 ¢	\$209,305,912
Energy Charge - Schedule 200							
First Block kWh (0-1,000)	4,141,167,255	4,143,186,255	4,171,965,406 kWh	2.927 ¢	\$122,113,427	3.225 ¢	\$134,545,884
Second Block kWh (> 1,000)	1,339,203,180	1,339,854,448	1,349,161,264 kWh	3.996 ¢	\$53,912,484	3.725 ¢	\$50,256,257
Subtotal	5,480,370,435	5,483,040,703	5,521,126,670 kWh		\$468,024,388		\$516,610,021
Renewable Adjustment Clause (202), per kWh	5,480,370,435	5,483,040,703	5,521,126,670 kWh	0.075 ¢	\$4,140,845	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	5,480,370,435	5,483,040,703	5,521,126,670 kWh	-0.022 ¢	(\$1,214,648)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	5,480,370,435	5,483,040,703	5,521,126,670 kWh	0.170 ¢	\$9,385,915	0.000 ¢	\$0
TAM Adj for Other Revs (205)							
First Block kWh (0-1,000)	4,141,167,255	4,143,186,255	4,171,965,406 kWh	0.019 ¢	\$792,673	0.000 ¢	\$0
Second Block kWh (> 1,000)	1,339,203,180	1,339,854,448	1,349,161,264 kWh	0.027 ¢	\$364,274	0.000 ¢	\$0
Subtotal					\$481,493,447		\$516,610,021
Schedule 201							
First Block kWh (0-1,000)	4,141,167,255	4,143,186,255	4,171,965,406 kWh	2.444 ¢	\$101,962,835	2.444 ¢	\$101,962,835
Second Block kWh (> 1,000)	1,339,203,180	1,339,854,448	1,349,161,264 kWh	3.340 ¢	\$45,061,986	3.340 ¢	\$45,061,986
Total	5,480,370,435	5,483,040,703	5,521,126,670 kWh		\$628,518,268		\$663,634,842
						Change	\$35,116,574
Schedule No. 4 (Employee Discount)							
Residential Service							
Transmission & Ancillary Services Charge							
per kWh	13,836,916	13,836,916	13,933,029 kWh	0.473 ¢	\$65,903	0.818 ¢	\$113,972
System Usage Charge							
Sch 200 related, per kWh	13,836,916	13,836,916	13,933,029 kWh	0.072 ¢	\$10,032	0.083 ¢	\$11,564
T&A and Sch 201 related, per kWh	13,836,916	13,836,916	13,933,029 kWh	0.076 ¢	\$10,589	0.078 ¢	\$10,868
Distribution Charge							
Basic Charge Single Family, per month	11,570	11,570	11,862 bill	\$9.50	\$112,689	\$12.00	\$142,344
Basic Charge Multi Family, per month	558	558	572 bill	\$9.50	\$5,434	\$7.00	\$4,004
Total Bills	12,128	12,128	12,434 bill				
Three Phase Demand Charge, per kW demand	0	0	0 kW	\$2.20	\$0	\$2.20	\$0
Three Phase Minimum Demand Charge, per month	0	0	0 bill	\$3.80	\$0	\$3.80	\$0
Distribution Energy Charge, per kWh	13,836,916	13,836,916	13,933,029 kWh	3.598 ¢	\$501,310	3.791 ¢	\$528,201
Energy Charge - Schedule 200							
First Block kWh (0-1,000)	9,779,065	9,779,065	9,846,992 kWh	2.927 ¢	\$288,221	3.225 ¢	\$317,565
Second Block kWh (> 1,000)	4,057,851	4,057,851	4,086,037 kWh	3.996 ¢	\$163,278	3.725 ¢	\$152,205
Subtotal	13,836,916	13,836,916	13,933,029 kWh		\$1,157,456		\$1,280,723
Renewable Adjustment Clause (202), per kWh	13,836,916	13,836,916	13,933,029 kWh	0.075 ¢	\$10,450	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	13,836,916	13,836,916	13,933,029 kWh	-0.022 ¢	(\$3,065)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	13,836,916	13,836,916	13,933,029 kWh	0.170 ¢	\$23,686	0.000 ¢	\$0
TAM Adj for Other Revs (205)							
First Block kWh (0-1,000)	9,779,065	9,779,065	9,846,992 kWh	0.019 ¢	\$1,871	0.000 ¢	\$0
Second Block kWh (> 1,000)	4,057,851	4,057,851	4,086,037 kWh	0.027 ¢	\$1,103	0.000 ¢	\$0
Subtotal					\$1,191,501		\$1,280,723
Schedule 201							
First Block kWh (0-1,000)	9,779,065	9,779,065	9,846,992 kWh	2.444 ¢	\$240,660	2.444 ¢	\$240,660
Second Block kWh (> 1,000)	4,057,851	4,057,851	4,086,037 kWh	3.340 ¢	\$136,474	3.340 ¢	\$136,474
Total	13,836,916	13,836,916	13,933,029 kWh		\$1,568,635		\$1,657,857
Schedule 201 Employee Discount					(\$94,284)		(\$94,284)
Total Employee Discount					(\$392,159)		(\$414,464)
						Change	(\$22,305)

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual	Normalized	Forecast	Present		Proposed	
	7/18-6/19 Units	7/18-6/19 Units	1/21 - 12/21 Units	Price	Dollars	Price	Dollars
Schedule No. 23/723 - Composite General Service (Secondary)							
Transmission & Ancillary Services Charge							
per kWh	1,195,401,175	1,190,951,686	1,128,061,189 kWh	0.451 ¢	\$5,087,556	0.723 ¢	\$8,155,882
System Usage Charge							
Sch 200 related, per kWh	1,195,401,175	1,190,951,686	1,128,061,189 kWh	0.070 ¢	\$789,643	0.077 ¢	\$868,607
T&A and Sch 201 related, per kWh	1,195,401,175	1,190,951,686	1,128,061,189 kWh	0.073 ¢	\$823,485	0.070 ¢	\$789,643
Distribution Charge							
Basic Charge							
Single Phase, per month	762,124	762,124	762,309 bill	\$17.35	\$13,226,061	\$17.35	\$13,226,061
Three Phase, per month	231,884	231,884	231,815 bill	\$25.90	\$6,004,009	\$25.90	\$6,004,009
Load Size Charge							
≤ 15 kW				No Charge		No Charge	
per kW for all kW in excess of 15 kW	1,034,889	1,034,889	978,378 kW	\$1.20	\$1,174,054	\$1.50	\$1,467,567
Demand Charge, the first 15 kW of demand				No Charge		No Charge	
Demand Charge, per kW for all kW in excess of 15 kW	529,489	529,489	500,681 kW	\$4.03	\$2,017,744	\$5.09	\$2,548,466
Reactive Power Charge, per kvar	134,061	134,061	126,845 kvar	65.00 ¢	\$82,449	65.00 ¢	\$82,449
Distribution Energy Charge, per kWh	1,195,401,175	1,190,951,686	1,128,061,189 kWh	2.536 ¢	\$28,607,632	3.649 ¢	\$41,162,953
Energy Charge - Schedule 200							
1st 3,000 kWh, per kWh	926,888,169	923,507,169	875,459,662 kWh	3.365 ¢	\$29,459,218	3.367 ¢	\$29,476,727
All additional kWh, per kWh	268,513,006	267,444,517	252,601,527 kWh	2.498 ¢	\$6,309,986	2.500 ¢	\$6,315,038
Subtotal	1,195,401,175	1,190,951,686	1,128,061,189 kWh		\$93,581,837		\$110,097,402
Renewable Adjustment Clause (202), per kWh	1,195,401,175	1,190,951,686	1,128,061,189 kWh	0.142 ¢	\$1,601,847	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	1,195,401,175	1,190,951,686	1,128,061,189 kWh	-0.021 ¢	(\$236,893)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	1,195,401,175	1,190,951,686	1,128,061,189 kWh	0.168 ¢	\$1,895,143	0.000 ¢	\$0
TAM Adj for Other Revs (205)							
1st 3,000 kWh, per kWh	926,888,169	923,507,169	875,459,662 kWh	0.023 ¢	\$201,356	0.000 ¢	\$0
All additional kWh, per kWh	268,513,006	267,444,517	252,601,527 kWh	0.017 ¢	\$42,942	0.000 ¢	\$0
Subtotal					\$97,086,232		\$110,097,402
Schedule 201							
1st 3,000 kWh, per kWh	926,888,169	923,507,169	875,459,662 kWh	2.708 ¢	\$23,707,448	2.708 ¢	\$23,707,448
All additional kWh, per kWh	268,513,006	267,444,517	252,601,527 kWh	2.007 ¢	\$5,069,713	2.007 ¢	\$5,069,713
Total	1,195,401,175	1,190,951,686	1,128,061,189 kWh		\$125,863,393		\$138,874,563
						Change	\$13,011,170
Schedule No. 23/723 - Composite General Service (Primary)							
Transmission & Ancillary Services Charge							
per kWh	2,206,555	2,206,555	2,086,241 kWh	0.438 ¢	\$9,138	0.712 ¢	\$14,854
System Usage Charge							
Sch 200 related, per kWh	2,206,555	2,206,555	2,086,241 kWh	0.068 ¢	\$1,419	0.076 ¢	\$1,586
T&A and Sch 201 related, per kWh	2,206,555	2,206,555	2,086,241 kWh	0.071 ¢	\$1,481	0.069 ¢	\$1,440
Distribution Charge							
Basic Charge							
Single Phase, per month	520	520	522 bill	\$17.35	\$9,057	\$17.35	\$9,057
Three Phase, per month	563	563	562 bill	\$25.90	\$14,556	\$25.90	\$14,556
Load Size Charge							
≤ 15 kW				No Charge		No Charge	
per kW for all kW in excess of 15 kW	4,531	4,531	4,279 kW	\$1.20	\$5,135	\$1.50	\$6,419
Demand Charge, the first 15 kW of demand				No Charge		No Charge	
Demand Charge, per kW for all kW in excess of 15 kW	1,591	1,591	1,506 kW	\$3.92	\$5,904	\$5.02	\$7,560
Reactive Power Charge, per kvar	2,678	2,678	2,538 kvar	60.00 ¢	\$1,523	60.00 ¢	\$1,523
Distribution Energy Charge, per kWh	2,206,555	2,206,555	2,086,241 kWh	2.465 ¢	\$51,426	3.593 ¢	\$74,959
Energy Charge - Schedule 200							
1st 3,000 kWh, per kWh	1,406,596	1,406,596	1,329,489 kWh	3.271 ¢	\$43,488	3.315 ¢	\$44,073
All additional kWh, per kWh	799,959	799,959	756,752 kWh	2.427 ¢	\$18,366	2.461 ¢	\$18,624
Subtotal	2,206,555	2,206,555	2,086,241 kWh		\$161,493		\$194,651
Renewable Adjustment Clause (202), per kWh	2,206,555	2,206,555	2,086,241 kWh	0.142 ¢	\$2,962	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	2,206,555	2,206,555	2,086,241 kWh	-0.021 ¢	(\$438)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	2,206,555	2,206,555	2,086,241 kWh	0.163 ¢	\$3,401	0.000 ¢	\$0
TAM Adj for Other Revs (205)							
1st 3,000 kWh, per kWh	1,406,596	1,406,596	1,329,489 kWh	0.022 ¢	\$292	0.000 ¢	\$0
All additional kWh, per kWh	799,959	799,959	756,752 kWh	0.016 ¢	\$121	0.000 ¢	\$0
Subtotal					\$167,831		\$194,651
Schedule 201							
1st 3,000 kWh, per kWh	1,406,596	1,406,596	1,329,489 kWh	2.623 ¢	\$34,872	2.623 ¢	\$34,872
All additional kWh, per kWh	799,959	799,959	756,752 kWh	1.946 ¢	\$14,726	1.946 ¢	\$14,726
Total	2,206,555	2,206,555	2,086,241 kWh		\$217,429		\$244,249
						Change	\$26,820

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual 7/18-6/19	Normalized 7/18-6/19	Forecast 1/21 - 12/21	Present		Proposed	
	Units	Units	Units	Price	Dollars	Price	Dollars
Schedule No. 28/728 - Composite							
Large General Service - (Secondary)							
Transmission & Ancillary Services Charge							
per kW	6,884,240	6,884,240	6,736,476 kW	\$1.49	\$10,037,349	\$2.20	\$14,820,247
System Usage Charge							
Sch 200 related, per kWh	2,065,326,161	2,056,978,440	2,012,760,391 kWh	0.075 ¢	\$1,509,570	0.085 ¢	\$1,710,846
T&A and Sch 201 related, per kWh	2,065,326,161	2,056,978,440	2,012,760,391 kWh	0.078 ¢	\$1,569,953	0.078 ¢	\$1,569,953
Distribution Charge							
Basic Charge							
Load Size ≤ 50 kW, per month	56,622	56,622	58,196 bill	\$18.00	\$1,047,528	\$21.00	\$1,222,116
Load Size 51-100 kW, per month	42,460	42,460	43,636 bill	\$34.00	\$1,483,624	\$39.00	\$1,701,804
Load Size 101-300 kW, per month	22,898	22,898	23,519 bill	\$81.00	\$1,905,039	\$93.00	\$2,187,267
Load Size > 300 kW, per month	494	494	508 bill	\$115.00	\$58,420	\$133.00	\$67,564
Load Size Charge							
≤ 50 kW, per kW	2,193,232	2,193,232	2,145,627 kW	\$1.15	\$2,467,471	\$1.35	\$2,896,596
51-100 kW, per kW	2,969,956	2,969,956	2,905,043 kW	\$0.90	\$2,614,539	\$1.05	\$3,050,295
101-300 kW, per kW	3,437,575	3,437,575	3,365,420 kW	\$0.55	\$1,850,981	\$0.65	\$2,187,523
>300 kW, per kW	196,567	196,567	191,937 kW	\$0.35	\$67,178	\$0.40	\$76,775
Demand Charge, per kW	6,884,240	6,884,240	6,736,476 kW	\$3.88	\$26,137,527	\$4.48	\$30,179,412
Reactive Power Charge, per kvar	622,277	622,277	609,823 kvar	65.00 ¢	\$396,385	65.00 ¢	\$396,385
Distribution Energy Charge, per kWh	2,065,326,161	2,056,978,440	2,012,760,391 kWh	0.393 ¢	\$7,910,148	0.449 ¢	\$9,037,294
Energy Charge - Schedule 200							
1st 20,000 kWh, per kWh	1,470,545,848	1,464,579,848	1,432,810,369 kWh	3.304 ¢	\$47,340,055	3.198 ¢	\$45,821,276
All additional kWh, per kWh	594,780,313	592,398,592	579,950,022 kWh	3.216 ¢	\$18,651,193	3.198 ¢	\$18,546,802
Subtotal	2,065,326,161	2,056,978,440	2,012,760,391 kWh		\$125,046,960		\$135,472,155
Renewable Adjustment Clause (202), per kWh	2,065,326,161	2,056,978,440	2,012,760,391 kWh	0.152 ¢	\$3,059,396	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	2,065,326,161	2,056,978,440	2,012,760,391 kWh	-0.022 ¢	(\$442,807)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	2,065,326,161	2,056,978,440	2,012,760,391 kWh	0.058 ¢	\$1,167,401	0.000 ¢	\$0
, per kW	6,884,240	6,884,240	6,736,476 kW	\$0.34	\$2,290,402	\$0.00	\$0
TAM Adj for Other Revs (205)							
1st 20,000 kWh, per kWh	1,470,545,848	1,464,579,848	1,432,810,369 kWh	0.021 ¢	\$300,890	0.000 ¢	\$0
All additional kWh, per kWh	594,780,313	592,398,592	579,950,022 kWh	0.020 ¢	\$115,990	0.000 ¢	\$0
Subtotal					\$131,538,232		\$135,472,155
Schedule 201							
1st 20,000 kWh, per kWh	1,470,545,848	1,464,579,848	1,432,810,369 kWh	2.649 ¢	\$37,955,147	2.649 ¢	\$37,955,147
All additional kWh, per kWh	594,780,313	592,398,592	579,950,022 kWh	2.574 ¢	\$14,927,914	2.574 ¢	\$14,927,914
Total	2,065,326,161	2,056,978,440	2,012,760,391 kWh		\$184,421,293		\$188,355,216
						Change	\$3,933,923
Schedule No. 28/728 - Composite							
Large General Service - (Primary)							
Transmission & Ancillary Services Charge							
per kW	90,920	90,920	89,302 kW	\$1.21	\$108,055	\$2.14	\$191,106
System Usage Charge							
Sch 200 related, per kWh	26,482,790	26,482,790	25,965,347 kWh	0.069 ¢	\$17,916	0.080 ¢	\$20,772
T&A and Sch 201 related, per kWh	26,482,790	26,482,790	25,965,347 kWh	0.072 ¢	\$18,695	0.073 ¢	\$18,955
Distribution Charge							
Basic Charge							
Load Size ≤ 50 kW, per month	186	186	191 bill	\$24.00	\$4,584	\$28.00	\$5,348
Load Size 51-100 kW, per month	228	228	233 bill	\$41.00	\$9,553	\$49.00	\$11,417
Load Size 101-300 kW, per month	374	374	382 bill	\$96.00	\$36,672	\$114.00	\$43,548
Load Size > 300 kW, per month	66	66	67 bill	\$137.00	\$9,179	\$162.00	\$10,854
Load Size Charge							
≤ 50 kW, per kW	7,199	7,199	7,034 kW	\$1.35	\$9,496	\$1.60	\$11,254
51-100 kW, per kW	16,834	16,834	16,544 kW	\$1.10	\$18,198	\$1.30	\$21,507
101-300 kW, per kW	66,524	66,524	65,374 kW	\$0.65	\$42,493	\$0.75	\$49,031
>300 kW, per kW	38,790	38,790	38,115 kW	\$0.35	\$13,340	\$0.40	\$15,246
Demand Charge, per kW	90,920	90,920	89,302 kW	\$4.70	\$419,719	\$5.56	\$496,519
Reactive Power Charge, per kvar	17,349	17,349	17,121 kvar	60.00 ¢	\$10,273	60.00 ¢	\$10,273
Distribution Energy Charge, per kWh	26,482,790	26,482,790	25,965,347 kWh	0.068 ¢	\$17,656	0.094 ¢	\$24,407
Energy Charge - Schedule 200							
1st 20,000 kWh, per kWh	11,054,203	11,054,203	10,852,496 kWh	3.108 ¢	\$337,296	3.167 ¢	\$343,699
All additional kWh, per kWh	15,428,587	15,428,587	15,112,851 kWh	3.024 ¢	\$457,013	3.167 ¢	\$478,624
Subtotal	26,482,790	26,482,790	25,965,347 kWh		\$1,530,138		\$1,752,560
Renewable Adjustment Clause (202), per kWh	26,482,790	26,482,790	25,965,347 kWh	0.152 ¢	\$39,467	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	26,482,790	26,482,790	25,965,347 kWh	-0.022 ¢	(\$5,712)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	26,482,790	26,482,790	25,965,347 kWh	0.055 ¢	\$14,281	0.000 ¢	\$0
, per kW	90,920	90,920	89,302 kW	\$0.29	\$25,898	\$0.00	\$0
TAM Adj for Other Revs (205)							
1st 20,000 kWh, per kWh	11,054,203	11,054,203	10,852,496 kWh	0.021 ¢	\$2,279	0.000 ¢	\$0
All additional kWh, per kWh	15,428,587	15,428,587	15,112,851 kWh	0.020 ¢	\$3,023	0.000 ¢	\$0
Subtotal					\$1,609,374		\$1,752,560
Schedule 201							
1st 20,000 kWh, per kWh	11,054,203	11,054,203	10,852,496 kWh	2.549 ¢	\$276,630	2.549 ¢	\$276,630
All additional kWh, per kWh	15,428,587	15,428,587	15,112,851 kWh	2.481 ¢	\$374,950	2.481 ¢	\$374,950
Total	26,482,790	26,482,790	25,965,347 kWh		\$2,260,954		\$2,404,140
						Change	\$143,186

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual 7/18-6/19	Normalized 7/18-6/19	Forecast 1/21 - 12/21	Present		Proposed	
	Units	Units	Units	Price	Dollars	Price	Dollars
Schedule No. 30/730 - Composite							
Large General Service - (Secondary)							
Transmission & Ancillary Services Charge							
per kW	3,479,203	3,479,203	3,485,385 kW	\$1.71	\$5,960,008	\$2.52	\$8,783,170
System Usage Charge							
Sch 200 related, per kWh	1,265,586,379	1,260,641,152	1,263,679,782 kWh	0.067 ¢	\$846,665	0.081 ¢	\$1,023,581
T&A and Sch 201 related, per kWh	1,265,586,379	1,260,641,152	1,263,679,782 kWh	0.070 ¢	\$884,576	0.074 ¢	\$935,123
Distribution Charge							
Basic Charge							
Load Size ≤ 200 kW, per month	128	128	131 bill	\$468.00	\$61,308	\$552.00	\$72,312
Load Size 201-300 kW, per month	2,710	2,710	2,777 bill	\$138.00	\$383,226	\$162.00	\$449,874
Load Size > 300 kW, per month	6,815	6,815	6,980 bill	\$363.00	\$2,533,740	\$425.00	\$2,966,500
Load Size Charge							
≤ 200 Kw, per kW				No Charge	\$0	No Charge	\$0
201-300 kW, per kW	706,821	706,821	708,467 kW	\$1.65	\$1,168,971	\$1.95	\$1,381,511
>300 kW, per kW	3,400,179	3,400,179	3,406,483 kW	\$0.80	\$2,725,186	\$0.95	\$3,236,159
Demand Charge, per kW	3,479,203	3,479,203	3,485,385 kW	\$3.98	\$13,871,832	\$4.66	\$16,241,894
Reactive Power Charge, per kvar	260,666	260,666	258,668 kvar	65.00 ¢	\$168,134	65.00 ¢	\$168,134
Energy Charge - Schedule 200							
Demand Charge, per kW	3,479,203	3,479,203	3,485,385 kW	\$1.88	\$6,542,068	\$2.82	\$9,828,786
1st 20,000 kWh, per kWh	186,966,147	186,253,147	186,649,079 kWh	2.860 ¢	\$5,338,164	2.339 ¢	\$4,365,722
All additional kWh, per kWh	1,078,620,232	1,074,388,005	1,077,030,703 kWh	2.480 ¢	\$26,710,361	2.339 ¢	\$25,191,748
Subtotal	1,265,586,379	1,260,641,152	1,263,679,782 kWh		\$67,194,239		\$74,644,514
Renewable Adjustment Clause (202), per kWh	1,265,586,379	1,260,641,152	1,263,679,782 kWh	0.149 ¢	\$1,882,883	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	1,265,586,379	1,260,641,152	1,263,679,782 kWh	-0.021 ¢	(\$265,373)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	1,265,586,379	1,260,641,152	1,263,679,782 kWh	0.055 ¢	\$695,024	0.000 ¢	\$0
, per kW	3,479,203	3,479,203	3,485,385 kW	\$0.40	\$1,394,154	\$0.00	\$0
TAM Adj for Other Revs (205)							
1st 20,000 kWh, per kWh	186,966,147	186,253,147	186,649,079 kWh	0.023 ¢	\$42,929	0.000 ¢	\$0
All additional kWh, per kWh	1,078,620,232	1,074,388,005	1,077,030,703 kWh	0.020 ¢	\$215,406	0.000 ¢	\$0
Subtotal					\$71,159,262		\$74,644,514
Schedule 201							
1st 20,000 kWh, per kWh	186,966,147	186,253,147	186,649,079 kWh	2.831 ¢	\$5,284,035	2.831 ¢	\$5,284,035
All additional kWh, per kWh	1,078,620,232	1,074,388,005	1,077,030,703 kWh	2.454 ¢	\$26,430,333	2.454 ¢	\$26,430,333
Total	1,265,586,379	1,260,641,152	1,263,679,782 kWh		\$102,873,630		\$106,358,882
						Change	\$3,485,252
Schedule No. 30/730 - Composite							
Large General Service - (Primary)							
Transmission & Ancillary Services Charge							
per kW	287,388	287,388	287,761 kW	\$1.65	\$474,806	\$2.50	\$719,403
System Usage Charge							
Sch 200 related, per kWh	97,554,175	97,554,175	97,745,891 kWh	0.065 ¢	\$63,535	0.080 ¢	\$78,197
T&A and Sch 201 related, per kWh	97,554,175	97,554,175	97,745,891 kWh	0.068 ¢	\$66,467	0.074 ¢	\$72,332
Distribution Charge							
Basic Charge							
Load Size ≤ 200 kW, per month	10	10	10 bill	\$453.00	\$4,530	\$540.00	\$5,400.00
Load Size 201-300 kW, per month	70	70	72 bill	\$143.00	\$10,296	\$170.00	\$12,240.00
Load Size > 300 kW, per month	578	578	592 bill	\$371.00	\$219,632	\$442.00	\$261,664.00
Load Size Charge							
≤ 200 Kw, per kW				No Charge		No Charge	
201-300 kW, per kW	18,704	18,704	18,767 kW	\$1.55	\$29,089	\$1.85	\$34,719
>300 kW, per kW	333,388	333,388	333,850 kW	\$0.75	\$250,388	\$0.90	\$300,465
Demand Charge, per kW	287,388	287,388	287,761 kW	\$3.94	\$1,133,778	\$4.69	\$1,349,599
Reactive Power Charge, per kvar	36,576	36,576	36,423 kvar	60.00 ¢	\$21,854	60.00 ¢	\$21,854
Energy Charge - Schedule 200							
Demand Charge, per kW	287,388	287,388	287,761 kW	\$1.88	\$540,127	\$2.82	\$811,486
1st 20,000 kWh, per kWh	12,873,800	12,873,800	12,894,541 kWh	2.789 ¢	\$359,629	2.344 ¢	\$302,248
All additional kWh, per kWh	84,680,375	84,680,375	84,851,350 kWh	2.411 ¢	\$2,045,766	2.344 ¢	\$1,988,916
Subtotal	97,554,175	97,554,175	97,745,891 kWh		\$5,219,897		\$5,958,523
Renewable Adjustment Clause (202), per kWh	97,554,175	97,554,175	97,745,891 kWh	0.149 ¢	\$145,641	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	97,554,175	97,554,175	97,745,891 kWh	-0.021 ¢	(\$20,527)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	97,554,175	97,554,175	97,745,891 kWh	0.054 ¢	\$52,783	0.000 ¢	\$0
, per kW	287,388	287,388	287,761 kW	\$0.37	\$106,472	\$0.00	\$0
TAM Adj for Other Revs (205)							
1st 20,000 kWh, per kWh	12,873,800	12,873,800	12,894,541 kWh	0.022 ¢	\$2,837	0.000 ¢	\$0
All additional kWh, per kWh	84,680,375	84,680,375	84,851,350 kWh	0.020 ¢	\$16,970	0.000 ¢	\$0
Subtotal					\$5,524,073		\$5,958,523
Schedule 201							
1st 20,000 kWh, per kWh	12,873,800	12,873,800	12,894,541 kWh	2.800 ¢	\$361,047	2.800 ¢	\$361,047
All additional kWh, per kWh	84,680,375	84,680,375	84,851,350 kWh	2.420 ¢	\$2,053,403	2.420 ¢	\$2,053,403
Total	97,554,175	97,554,175	97,745,891 kWh		\$7,938,523		\$8,372,973
						Change	\$434,450

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual 7/18-6/19	Normalized 7/18-6/19	Forecast 1/21 - 12/21	Present		Proposed	
	Units	Units	Units	Price	Dollars	Price	Dollars
Schedule No. 41/741 - Irrigation							
Agricultural Pumping Service (Secondary)							
Transmission & Ancillary Services Charge							
per kWh	200,197,638	194,966,386	221,514,932 kWh	0.366 ¢	\$810,745	0.643 ¢	\$1,424,341
System Usage Charge							
Sch 200 related, per kWh	200,197,638	194,966,386	221,514,932 kWh	0.074 ¢	\$163,921	0.072 ¢	\$159,491
T&A and Sch 201 related, per kWh	200,197,638	194,966,386	221,514,932 kWh	0.076 ¢	\$168,351	0.097 ¢	\$214,869
Distribution Charge							
Basic Charge (billed in November)							
Load Size ≤ 50 kW, or Single Phase Any Size	5,623	5,623	6,698 bill	No Charge	\$0	No Charge	\$0
Three Phase Load Size 51 - 300 kW, per customer	981	981	1,169 bill	\$310.00	\$362,390	\$400.00	\$467,600
Three Phase Load Size > 300 kW, per customer	21	21	25 bill	\$1,210.00	\$30,250	\$1,550.00	\$38,750
Total Customers	6,625	6,625	7,892 bill				
Monthly Bills	48,363	48,363	57,612				
Load Size Charge (billed in November)							
Single Phase Any Size, Three Phases 50 kW	99,767	99,767	113,352 kW	\$15.00	\$1,700,280	\$19.00	\$2,153,688
Three Phase Load Size 51-300 kW, per kW	86,279	86,279	98,028 kW	\$10.00	\$980,280	\$13.00	\$1,274,364
Three Phase Load Size > 300 kW, per kW	9,078	9,078	10,314 kW	\$6.00	\$61,884	\$8.00	\$82,512
Single Phase, Minimum Charge	424	424	505 bill	\$55.00	\$27,775	\$70.00	\$35,350
Three Phase, Minimum Charge	1,244	1,244	1,482 bill	\$90.00	\$133,380	\$115.00	\$170,430
Distribution Energy Charge, per kWh	200,197,638	194,966,386	221,514,932 kWh	3.569 ¢	\$7,905,868	4.542 ¢	\$10,061,208
Reactive Power Charge, per kvar	168,930	168,930	191,933 kvar	65.00 ¢	\$124,756	65.00 ¢	\$124,756
Energy Charge - Schedule 200							
Winter, 1st 100 kWh/kWh, per kWh	2,230,984	2,230,984	2,534,777 kWh	4.629 ¢	\$117,335	3.025 ¢	\$76,677
Winter, All additional kWh, per kWh	1,652,950	1,652,950	1,878,032 kWh	3.156 ¢	\$59,271	3.025 ¢	\$56,810
Summer, All kWh, per kWh	196,313,704	191,082,452	217,102,123 kWh	3.156 ¢	\$6,851,743	3.025 ¢	\$6,567,339
Prime Summ. On Peak, per On-peak kWh	120,884	120,884	137,345 kWh	22.313 ¢	\$30,646		
Prime Summ. Off Peak, per Off-peak kWh	2,783,567	2,783,567	3,162,605 kWh	-3.161 ¢	(\$99,970)		
Subtotal	200,197,638	194,966,386	221,514,932 kWh		\$19,498,229		\$22,908,185
Renewable Adjustment Clause (202), per kWh	200,197,638	194,966,386	221,514,932 kWh	0.154 ¢	\$341,133	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	200,197,638	194,966,386	221,514,932 kWh	-0.021 ¢	(\$46,518)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	200,197,638	194,966,386	221,514,932 kWh	0.166 ¢	\$367,715	0.000 ¢	\$0
TAM Adj for Other Revs (205)							
Winter, 1st 100 kWh/kWh, per kWh	2,230,984	2,230,984	2,534,777 kWh	0.030 ¢	\$760	0.000 ¢	\$0
Winter, All additional kWh, per kWh	1,652,950	1,652,950	1,878,032 kWh	0.021 ¢	\$394	0.000 ¢	\$0
Summer, All kWh, per kWh	196,313,704	191,082,452	217,102,123 kWh	0.021 ¢	\$45,591	0.000 ¢	\$0
Subtotal					\$20,207,304		\$22,908,185
Schedule 201							
Winter, 1st 100 kWh/kWh, per kWh	2,230,984	2,230,984	2,534,777 kWh	3.781 ¢	\$95,840	3.781 ¢	\$95,840
Winter, All additional kWh, per kWh	1,652,950	1,652,950	1,878,032 kWh	2.575 ¢	\$48,359	2.575 ¢	\$48,359
Summer, All kWh, per kWh	196,313,704	191,082,452	217,102,123 kWh	2.575 ¢	\$5,590,380	2.575 ¢	\$5,590,380
Total	200,197,638	194,966,386	221,514,932 kWh		\$25,941,883		\$28,642,764
						Change	\$2,700,881
Schedule No. 41/741 - Irrigation							
Agricultural Pumping Service (Primary)							
Transmission & Ancillary Services Charge							
per kWh	34,721	34,721	39,449 kWh	0.356 ¢	\$140	0.633 ¢	\$250
System Usage Charge							
Sch 200 related, per kWh	34,721	34,721	39,449 kWh	0.072 ¢	\$28	0.071 ¢	\$28
T&A and Sch 201 related, per kWh	34,721	34,721	39,449 kWh	0.074 ¢	\$29	0.095 ¢	\$37
Distribution Charge							
Basic Charge (billed in November)							
Load Size ≤ 50 kW, or Single Phase Any Size	1	1	1 bill	No Charge	\$0	No Charge	\$0
Three Phase Load Size 51 - 300 kW, per customer	1	1	1 bill	\$300.00	\$300	\$390.00	\$390
Three Phase Load Size > 300 kW, per customer	0	0	0 bill	\$1,180.00	\$0	\$1,530.00	\$0
Total Customers	2	2	2 bill				
Monthly Bills	20	20	20				
Load Size Charge (billed in November)							
Single Phase Any Size, Three Phases 50 kW	10	10	11 kW	\$15.00	\$165	\$19.00	\$209
Three Phase Load Size 51-300 kW, per kW	73	73	83 kW	\$10.00	\$830	\$13.00	\$1,079
Three Phase Load Size > 300 kW, per kW	0	0	0 kW	\$6.00	\$0	\$8.00	\$0
Single Phase, Minimum Charge	0	0	0 bill	\$55.00	\$0	\$70.00	\$0
Three Phase, Minimum Charge	0	0	0 bill	\$85.00	\$0	\$115.00	\$0
Distribution Energy Charge, per kWh	34,721	34,721	39,449 kWh	3.468 ¢	\$1,368	4.472 ¢	\$1,764
Reactive Power Charge, per kvar	50	50	57 kvar	60.00 ¢	\$34	60.00 ¢	\$34
Energy Charge - Schedule 200							
Winter, 1st 100 kWh/kWh, per kWh	481	481	546 kWh	4.497 ¢	\$25	2.978 ¢	\$16
Winter, All additional kWh, per kWh	0	0	0 kWh	3.066 ¢	\$0	2.978 ¢	\$0
Summer, All kWh, per kWh	34,240	34,240	38,903 kWh	3.066 ¢	\$1,193	2.978 ¢	\$1,159
Prime Summ. On Peak, per On-peak kWh	0	0	0 kWh	22.313 ¢	\$0		
Prime Summ. Off Peak, per Off-peak kWh	0	0	0 kWh	-3.161 ¢	\$0		
Subtotal	34,721	34,721	39,449 kWh		\$4,112		\$4,966
Renewable Adjustment Clause (202), per kWh	34,721	34,721	39,449 kWh	0.154 ¢	\$61	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	34,721	34,721	39,449 kWh	-0.021 ¢	(\$8)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	34,721	34,721	39,449 kWh	0.161 ¢	\$64	0.000 ¢	\$0
TAM Adj for Other Revs (205)							
Winter, 1st 100 kWh/kWh, per kWh	481	481	546 kWh	0.029 ¢	\$0	0.000 ¢	\$0
Winter, All additional kWh, per kWh	0	0	0 kWh	0.020 ¢	\$0	0.000 ¢	\$0
Summer, All kWh, per kWh	34,240	34,240	38,903 kWh	0.020 ¢	\$8	0.000 ¢	\$0
Subtotal					\$4,237		\$4,966
Schedule 201							
Winter, 1st 100 kWh/kWh, per kWh	481	481	546 kWh	3.653 ¢	\$20	3.653 ¢	\$20
Winter, All additional kWh, per kWh	0	0	0 kWh	2.495 ¢	\$0	2.495 ¢	\$0
Summer, All kWh, per kWh	34,240	34,240	38,903 kWh	2.495 ¢	\$971	2.495 ¢	\$971
Total	34,721	34,721	39,449 kWh		\$5,228		\$5,957
						Change	\$729

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual 7/18-6/19	Normalized 7/18-6/19	Forecast 1/21 - 12/21	Present		Proposed	
	Units	Units	Units	Price	Dollars	Price	Dollars
Schedule No. 47/747 - Composite							
Large General Service - Partial Requirement (Primary)							
Transmission & Ancillary Services Charge							
per kW of on-peak demand	109,490	109,490	113,283 kW	\$1.40	\$158,596		
credit per kW of on-peak demand (OATT)	0	0	0 kW	(\$1.40)	\$0		
REV per kW of on-peak demand	107,479	107,479	111,202 kW			\$2.45	\$272,445
REV credit per kW of on-peak demand (OATT)	0	0	0 kW			(\$2.45)	\$0
System Usage Charge							
Sch 200 related, per kWh	24,510,623	24,510,623	25,359,694 kWh	0.061 ¢	\$15,469	0.074 ¢	\$18,766
T&A and Sch 201 related, per kWh	24,510,623	24,510,623	25,359,694 kWh	0.082 ¢	\$20,795	0.067 ¢	\$16,991
Distribution Charge							
Basic Charge							
Facility Capacity ≤ 4,000 kW, per month	0	0	0 bill	\$460.00	\$0	\$620.00	\$0
Facility Capacity > 4,000 kW, per month	12	12	12 bill	\$830.00	\$9,960	\$1,120.00	\$13,440
Facilities Charge							
Facility Capacity ≤ 4,000 kW, per kW	0	0	0 kW	\$1.25	\$0	\$1.20	\$0
Facility Capacity > 4,000 kW, per kW	130,454	130,454	134,973 kW	\$1.15	\$155,219	\$1.10	\$148,470
Demand Charge, per kW of on-peak demand	109,490	109,490	113,283 kW	\$3.17	\$359,107		
REV Demand Charge, per kW of on-peak demand	107,479	107,479	111,202 kW			\$4.98	\$553,786
Reactive Power Charge, per kvar	4,679	4,679	4,841 kvar	60.00 ¢	\$2,905	60.00 ¢	\$2,905
Reactive Hours, per kvarh	11,100,000	11,100,000	11,484,514 kvarh	0.080 ¢	\$9,188	0.080 ¢	\$9,188
Reserves Charges							
Spinning Reserves, per kW of Facility Cap.	130,454	130,454	134,973 kW	\$0.27	\$36,443	\$0.27	\$36,443
Supplemental Reserves, per kW of Facility Cap.	130,454	130,454	134,973 kW	\$0.27	\$36,443	\$0.27	\$36,443
Spinning Reserves Credit, per kW of Facility Cap.	0	0	0 kW	(\$0.27)	\$0	(\$0.27)	\$0
Supplemental Reserves Credit, per kW of Facility Cap.	0	0	0 kW	(\$0.27)	\$0	(\$0.27)	\$0
Energy Charge - Schedule 200							
Demand Charge, per kW of On-Peak demand	109,490	109,490	113,283 kW	\$1.87	\$211,386		
On-Peak, per on-peak kWh	17,359,438	17,359,438	17,960,785 kWh	2.443 ¢	\$438,782		
Off-Peak, per off-peak kWh	7,151,185	7,151,185	7,398,909 kWh	2.393 ¢	\$177,056		
REV Demand Charge, per kW of On-Peak demand	107,479	107,479	111,202 kW			\$2.01	\$223,516
REV On-Peak, per on-peak kWh	9,370,146	9,370,146	9,694,737 kWh			2.560 ¢	\$248,185
REV Off-Peak, per off-peak kWh	15,140,477	15,140,477	15,664,957 kWh			2.560 ¢	\$401,023
Unscheduled Energy, per kWh	1,060,924	1,060,924	1,097,675 kWh		\$48,855		\$48,855
Subtotal	25,571,547	25,571,547	26,457,369 kWh		\$1,680,204		\$2,030,456
Renewable Adjustment Clause (202), per kWh	25,571,547	25,571,547	26,457,369 kWh	0.140 ¢	\$37,040	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	25,571,547	25,571,547	26,457,369 kWh	-0.019 ¢	(\$5,027)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	25,571,547	25,571,547	26,457,369 kWh	0.053 ¢	\$14,022	0.000 ¢	\$0
, per kW	109,490	109,490	113,283 kW	\$0.45	\$50,977	\$0.00	\$0
TAM Adj for Other Revs (205)							
On-Peak, per on-peak kWh	17,359,438	17,359,438	17,960,785 kWh	0.018 ¢	\$3,233	0.000 ¢	\$0
Off-Peak, per off-peak kWh	7,151,185	7,151,185	7,398,909 kWh	0.018 ¢	\$1,332	0.000 ¢	\$0
Subtotal					\$1,781,781		\$2,030,456
Schedule 201							
On-Peak, per on-peak kWh	17,359,438	17,359,438	17,960,785 kWh	2.317 ¢	\$416,151	2.317 ¢	\$416,151
Off-Peak, per off-peak kWh	7,151,185	7,151,185	7,398,909 kWh	2.267 ¢	\$167,733	2.267 ¢	\$167,733
Total	25,571,547	25,571,547	26,457,369 kWh		\$2,365,665		\$2,614,340
						Change	\$248,675
Schedule No. 47/747 - Composite							
Large General Service - Partial Requirement (Transmission)							
Transmission & Ancillary Services Charge							
per kW of on-peak demand	169,385	169,385	169,697 kW	\$1.76	\$298,667		
credit per kW of on-peak demand (OATT)	0	0	0 kW	(\$1.76)	\$0		
REV per kW of on-peak demand	166,274	166,274	166,580 kW			\$3.25	\$541,385
REV credit per kW of on-peak demand (OATT)	0	0	0 kW			(\$3.25)	\$0
System Usage Charge							
Sch 200 related, per kWh	14,291,309	14,291,309	14,628,150 kWh	0.057 ¢	\$8,338	0.072 ¢	\$10,532
T&A and Sch 201 related, per kWh	14,291,309	14,291,309	14,628,150 kWh	0.061 ¢	\$8,923	0.064 ¢	\$9,362
Distribution Charge							
Basic Charge							
Facility Capacity ≤ 4,000 kW, per month	24	24	24 bill	\$860.00	\$20,640	\$830.00	\$19,920
Facility Capacity > 4,000 kW, per month	35	35	35 bill	\$1,600.00	\$56,000	\$1,550.00	\$54,250
Facilities Charge							
Facility Capacity ≤ 4,000 kW, per kW	35,825	35,825	37,066 kW	\$1.35	\$50,039	\$1.25	\$46,333
Facility Capacity > 4,000 kW, per kW	310,558	310,558	308,855 kW	\$1.35	\$416,954	\$1.25	\$386,069
Demand Charge, per kW of on-peak demand	169,385	169,385	169,697 kW	\$3.61	\$612,606		
REV Demand Charge, per kW of on-peak demand	166,274	166,274	166,580 kW			\$3.58	\$596,356
Reactive Power Charge, per kvar	136,960	136,960	137,289 kvar	55.00 ¢	\$75,509	55.00 ¢	\$75,509
Reactive Hours, per kvarh	28,772,372	28,772,372	28,348,947 kvarh	0.080 ¢	\$22,679	0.080 ¢	\$22,679
Reserves Charges							
Spinning Reserves, per kW of Facility Cap.	346,383	346,383	345,921 kW	\$0.27	\$93,399	\$0.27	\$93,399
Supplemental Reserves, per kW of Facility Cap.	346,383	346,383	345,921 kW	\$0.27	\$93,399	\$0.27	\$93,399
Spinning Reserves Credit, per kW of Facility Cap.	0	0	0 kW	(\$0.27)	\$0	(\$0.27)	\$0
Supplemental Reserves Credit, per kW of Facility Cap.	0	0	0 kW	(\$0.27)	\$0	(\$0.27)	\$0
Energy Charge - Schedule 200							
Demand Charge, per kW of On-Peak demand	169,385	169,385	169,697 kW	\$1.88	\$318,521		
On-Peak, per on-peak kWh	8,129,269	8,129,269	8,310,064 kWh	2.353 ¢	\$195,536		
Off-Peak, per off-peak kWh	6,162,040	6,162,040	6,318,086 kWh	2.303 ¢	\$145,506		
REV Demand Charge, per kW of On-Peak demand	166,274	166,274	166,580 kW			\$2.02	\$336,492
REV On-Peak, per on-peak kWh	5,463,413	5,463,413	5,592,183 kWh			2.502 ¢	\$139,916
REV Off-Peak, per off-peak kWh	8,827,896	8,827,896	9,035,967 kWh			2.502 ¢	\$226,080
Unscheduled Energy, per kWh	811,187	811,187	812,836 kWh		\$17,397		\$17,397
Subtotal	15,102,496	15,102,496	15,440,986 kWh		\$2,434,113		\$2,669,078
Renewable Adjustment Clause (202), per kWh	15,102,496	15,102,496	15,440,986 kWh	0.140 ¢	\$21,617	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	15,102,496	15,102,496	15,440,986 kWh	-0.019 ¢	(\$2,934)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	15,102,496	15,102,496	15,440,986 kWh	0.048 ¢	\$7,412	0.000 ¢	\$0
, per kW	169,385	169,385	169,697 kW	\$0.62	\$105,212	\$0.00	\$0
TAM Adj for Other Revs (205)							
On-Peak, per on-peak kWh	8,129,269	8,129,269	8,310,064 kWh	0.017 ¢	\$1,413	0.000 ¢	\$0
Off-Peak, per off-peak kWh	6,162,040	6,162,040	6,318,086 kWh	0.017 ¢	\$1,074	0.000 ¢	\$0
Subtotal					\$2,567,907		\$2,669,078
Schedule 201							
On-Peak, per on-peak kWh	8,129,269	8,129,269	8,310,064 kWh	2.176 ¢	\$180,827	2.176 ¢	\$180,827
Off-Peak, per off-peak kWh	6,162,040	6,162,040	6,318,086 kWh	2.126 ¢	\$134,323	2.126 ¢	\$134,323
Total	15,102,496	15,102,496	15,440,986 kWh		\$2,883,057		\$2,984,228
						Change	\$101,171

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual 7/18-6/19	Normalized 7/18-6/19	Forecast 1/21 - 12/21	Present		Proposed	
	Units	Units	Units	Price	Dollars	Price	Dollars
Schedule No. 76R/776R							
Large General Service/Partial Requirements Service - Economic Replacement Power Rider							
Transmission & Ancillary Services Charge, per kW of Daily ERP On-Peak Demand							
Secondary	0	0	0 kW	\$0.049	\$0	\$0.087	\$0
Primary	0	0	0 kW	\$0.055	\$0	\$0.095	\$0
Transmission	0	0	0 kW	\$0.068	\$0	\$0.127	\$0
Daily ERP Demand Charge, per kW of Daily ERP On-Peak Demand							
Secondary	0	0	0 kW	\$0.146	\$0	\$0.185	\$0
Primary	0	0	0 kW	\$0.124	\$0	\$0.194	\$0
Transmission	0	0	0 kW	\$0.141	\$0	\$0.139	\$0
Schedule No. 48/748 - Composite							
Large General Service (Secondary)							
Transmission & Ancillary Services Charge							
per kW of on-peak demand	1,449,003	1,449,003	1,414,375 kW	\$1.80	\$2,545,875		
REV per kW of on-peak demand	1,422,393	1,422,393	1,388,402 kW			\$2.78	\$3,859,758
System Usage Charge							
Sch 200 related, per kWh	576,157,983	568,751,215	555,158,233 kWh	0.067 ¢	\$371,956	0.075 ¢	\$416,369
T&A and Sch 201 related, per kWh	576,157,983	568,751,215	555,158,233 kWh	0.069 ¢	\$383,059	0.068 ¢	\$377,508
Distribution Charge							
Basic Charge							
Facility Capacity ≤ 4,000 kW, per month	1,166	1,166	1,173 bill	\$420.00	\$492,660	\$640.00	\$750,720
Facility Capacity > 4,000 kW, per month	13	13	13 bill	\$800.00	\$10,400	\$1,230.00	\$15,990
Facilities Charge							
Facility Capacity ≤ 4,000 kW, per kW	1,587,904	1,587,904	1,547,051 kW	\$1.15	\$1,779,109	\$2.75	\$4,254,390
Facility Capacity > 4,000 kW, per kW	154,894	154,894	156,285 kW	\$1.10	\$171,914	\$2.60	\$406,341
Demand Charge, per kW of on-peak demand	1,449,003	1,449,003	1,414,375 kW	\$3.74	\$5,289,763		
REV Demand Charge, per kW of on-peak demand	1,422,393	1,422,393	1,388,402 kW			\$4.75	\$6,594,910
Reactive Power Charge, per kvar	381,774	381,774	372,291 kvar	65.00 ¢	\$241,989	65.00 ¢	\$241,989
Energy Charge - Schedule 200							
Demand Charge, per kW of On-Peak demand	1,449,003	1,449,003	1,414,375 kW	\$1.83	\$2,593,964		
On-Peak, per on-peak kWh	361,983,162	357,492,162	348,874,397 kWh	2.581 ¢	\$9,004,448		
Off-Peak, per off-peak kWh	214,174,821	211,259,053	206,283,836 kWh	2.531 ¢	\$5,221,044		
REV Demand Charge, per kW of On-Peak demand	1,422,393	1,422,393	1,388,402			\$1.92	\$2,665,732
REV On-Peak, per on-peak kWh	220,258,965	217,427,965	212,231,501			2.636 ¢	\$5,594,422
REV Off-Peak, per off-peak kWh	355,899,018	351,323,250	342,926,732			2.636 ¢	\$9,039,549
Subtotal	576,157,983	568,751,215	555,158,233 kWh		\$28,106,181		\$34,217,678
Renewable Adjustment Clause (202), per kWh	576,157,983	568,751,215	555,158,233 kWh	0.140 ¢	\$777,222	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	576,157,983	568,751,215	555,158,233 kWh	-0.019 ¢	(\$105,480)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	576,157,983	568,751,215	555,158,233 kWh	0.054 ¢	\$299,785	0.000 ¢	\$0
, per kW	1,449,003	1,449,003	1,414,375 kW	\$0.41	\$579,894	\$0.00	\$0
TAM Adj for Other Revs (205)							
On-Peak, per on-peak kWh	361,983,162	357,492,162	348,874,397 kWh	0.020 ¢	\$69,775	0.000 ¢	\$0
Off-Peak, per off-peak kWh	214,174,821	211,259,053	206,283,836 kWh	0.020 ¢	\$41,257	0.000 ¢	\$0
Subtotal					\$29,768,634		\$34,217,678
Schedule 201							
On-Peak, per on-peak kWh	361,983,162	357,492,162	348,874,397 kWh	2.497 ¢	\$8,711,394	2.497 ¢	\$8,711,394
Off-Peak, per off-peak kWh	214,174,821	211,259,053	206,283,836 kWh	2.447 ¢	\$5,047,765	2.447 ¢	\$5,047,765
Total	576,157,983	568,751,215	555,158,233 kWh		\$43,527,793		\$47,976,837
						Change	\$4,449,044
Schedule No. 48/748 - Composite							
Large General Service (Primary)							
Transmission & Ancillary Services Charge							
per kW of on-peak demand	3,434,988	3,434,988	3,350,490 kW	\$1.94	\$6,499,951		
REV per kW of on-peak demand	3,371,907	3,371,907	3,288,960 kW			\$2.99	\$9,833,990
System Usage Charge							
Sch 200 related, per kWh	1,582,417,807	1,582,417,807	1,543,656,476 kWh	0.061 ¢	\$941,630	0.074 ¢	\$1,142,306
T&A and Sch 201 related, per kWh	1,582,417,807	1,582,417,807	1,543,656,476 kWh	0.082 ¢	\$1,265,798	0.067 ¢	\$1,034,250
Distribution Charge							
Basic Charge							
Facility Capacity ≤ 4,000 kW, per month	721	721	725 bill	\$460.00	\$333,500	\$620.00	\$449,500
Facility Capacity > 4,000 kW, per month	348	348	349 bill	\$830.00	\$289,670	\$1,120.00	\$390,880
Facilities Charge							
Facility Capacity ≤ 4,000 kW, per kW	1,511,241	1,511,241	1,472,971 kW	\$1.25	\$1,841,214	\$1.20	\$1,767,565
Facility Capacity > 4,000 kW, per kW	2,642,267	2,642,267	2,583,820 kW	\$1.15	\$2,971,393	\$1.10	\$2,842,202
Demand Charge, per kW of on-peak demand	3,434,988	3,434,988	3,350,490 kW	\$3.17	\$10,621,053		
REV Demand Charge, per kW of on-peak demand	3,371,907	3,371,907	3,288,960 kW			\$4.98	\$16,379,021
Reactive Power Charge, per kvar	802,196	802,196	781,599 kvar	60.00 ¢	\$468,959	60.00 ¢	\$468,959
Energy Charge - Schedule 200							
Demand Charge, per kW of On-Peak demand	3,434,988	3,434,988	3,350,490 kW	\$1.87	\$6,252,014		
On-Peak, per on-peak kWh	950,603,128	950,603,128	927,232,528 kWh	2.443 ¢	\$22,652,291		
Off-Peak, per off-peak kWh	631,814,679	631,814,679	616,423,948 kWh	2.393 ¢	\$14,751,025		
REV Demand Charge, per kW of On-Peak demand	3,371,907	3,371,907	3,288,960 kW			\$2.01	\$6,610,810
REV On-Peak, per on-peak kWh	604,941,212	604,941,212	590,123,174 kWh			2.560 ¢	\$15,107,153
REV Off-Peak, per off-peak kWh	977,476,595	977,476,595	953,533,302 kWh			2.560 ¢	\$24,410,453
Subtotal	1,582,417,807	1,582,417,807	1,543,656,476 kWh		\$68,888,498		\$80,437,089
Renewable Adjustment Clause (202), per kWh	1,582,417,807	1,582,417,807	1,543,656,476 kWh	0.140 ¢	\$2,161,119	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	1,582,417,807	1,582,417,807	1,543,656,476 kWh	-0.019 ¢	(\$293,295)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	1,582,417,807	1,582,417,807	1,543,656,476 kWh	0.053 ¢	\$818,138	0.000 ¢	\$0
, per kW	3,434,988	3,434,988	3,350,490 kW	\$0.45	\$1,507,721	\$0.00	\$0
TAM Adj for Other Revs (205)							
On-Peak, per on-peak kWh	950,603,128	950,603,128	927,232,528 kWh	0.018 ¢	\$166,902	0.000 ¢	\$0
Off-Peak, per off-peak kWh	631,814,679	631,814,679	616,423,948 kWh	0.018 ¢	\$110,956	0.000 ¢	\$0
Subtotal					\$73,360,039		\$80,437,089
Schedule 201							
On-Peak, per on-peak kWh	950,603,128	950,603,128	927,232,528 kWh	2.317 ¢	\$21,483,978	2.317 ¢	\$21,483,978
Off-Peak, per off-peak kWh	631,814,679	631,814,679	616,423,948 kWh	2.267 ¢	\$13,974,331	2.267 ¢	\$13,974,331
Total	1,582,417,807	1,582,417,807	1,543,656,476 kWh		\$108,818,348		\$115,895,398
						Change	\$7,077,050

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual 7/18-6/19	Normalized 7/18-6/19	Forecast 1/21 - 12/21	Present		Proposed	
	Units	Units	Units	Price	Dollars	Price	Dollars
Schedule No. 48/748 - Composite							
Large General Service (Transmission)							
Transmission & Ancillary Services Charge							
per kW of on-peak demand	874,788	874,788	1,467,250 kW	\$2.30	\$3,374,675		
REV per kW of on-peak demand	869,935	869,935	1,460,328 kW			\$3.79	\$5,534,643
System Usage Charge							
Sch 200 related, per kWh	575,018,000	575,018,000	981,022,703 kWh	0.057 ¢	\$559,183	0.072 ¢	\$706,336
T&A and Sch 201 related, per kWh	575,018,000	575,018,000	981,022,703 kWh	0.061 ¢	\$598,424	0.064 ¢	\$627,855
Distribution Charge							
Basic Charge							
Facility Capacity ≤ 4,000 kW, per month	53	53	53 bill	\$860.00	\$45,580	\$830.00	\$43,990
Facility Capacity > 4,000 kW, per month	26	26	26 bill	\$1,600.00	\$41,600	\$1,550.00	\$40,300
Facilities Charge							
Facility Capacity ≤ 4,000 kW, per kW	51,945	51,945	50,600 kW	\$1.35	\$68,310	\$1.25	\$63,250
Facility Capacity > 4,000 kW, per kW	853,649	853,649	1,454,678 kW	\$1.35	\$1,963,815	\$1.25	\$1,818,348
Demand Charge, per kW of on-peak demand	874,788	874,788	1,467,250 kW	\$3.61	\$5,296,773		
REV Demand Charge, per kW of on-peak demand	869,935	869,935	1,460,328 kW			\$3.58	\$5,227,974
Reactive Power Charge, per kvar	31,001	31,001	30,194 kvar	55.00 ¢	\$16,607	55.00 ¢	\$16,607
Energy Charge - Schedule 200							
Demand Charge, per kW of On-Peak demand	874,788	874,788	1,467,250 kW	\$1.88	\$2,754,028		
On-Peak, per on-peak kWh	325,135,000	325,135,000	554,713,687 kWh	2.353 ¢	\$13,052,413		
Off-Peak, per off-peak kWh	249,883,000	249,883,000	426,309,016 kWh	2.303 ¢	\$9,817,897		
REV Demand Charge, per kW of On-Peak demand	869,935	869,935	1,460,328			\$2.02	\$2,949,862
REV On-Peak, per on-peak kWh	216,550,902	216,550,902	369,190,903			2.502 ¢	\$9,237,156
REV Off-Peak, per off-peak kWh	358,467,098	358,467,098	611,831,800			2.502 ¢	\$15,308,032
Subtotal	575,018,000	575,018,000	981,022,703 kWh		\$37,589,305		\$41,574,353
Renewable Adjustment Clause (202), per kWh	575,018,000	575,018,000	981,022,703 kWh	0.140 ¢	\$1,373,432	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	575,018,000	575,018,000	981,022,703 kWh	-0.019 ¢	(\$186,394)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	575,018,000	575,018,000	981,022,703 kWh	0.048 ¢	\$470,891	0.000 ¢	\$0
, per kW	874,788	874,788	1,467,250 kW	\$0.62	\$909,695	\$0.00	\$0
TAM Adj for Other Revs (205)							
On-Peak, per on-peak kWh	325,135,000	325,135,000	554,713,687 kWh	0.017 ¢	\$94,301	0.000 ¢	\$0
Off-Peak, per off-peak kWh	249,883,000	249,883,000	426,309,016 kWh	0.017 ¢	\$72,473	0.000 ¢	\$0
Subtotal					\$40,323,703		\$41,574,353
Schedule 201							
On-Peak, per on-peak kWh	325,135,000	325,135,000	554,713,687 kWh	2.176 ¢	\$12,070,570	2.176 ¢	\$12,070,570
Off-Peak, per off-peak kWh	249,883,000	249,883,000	426,309,016 kWh	2.126 ¢	\$9,063,330	2.126 ¢	\$9,063,330
Total	575,018,000	575,018,000	981,022,703 kWh		\$61,457,603		\$62,708,253
						Change	\$1,250,650
Schedule No. 848 - Commercial							
Distribution Only Large General Service (Transmission)							
Transmission & Ancillary Services Charge							
per kW of on-peak demand	387,115	387,115	0 kW	\$2.30	\$0		
REV per kW of on-peak demand	380,006	380,006	0 kW			\$3.79	\$0
System Usage Charge							
Sch 200 related, per kWh	252,108,000	252,108,000	0 kWh	0.057 ¢	\$0	0.072 ¢	\$0
T&A and Sch 201 related, per kWh	252,108,000	252,108,000	0 kWh	0.061 ¢	\$0	0.064 ¢	\$0
Distribution Charge							
Basic Charge							
Facility Capacity ≤ 4,000 kW, per month	0	0	0 bill	\$860.00	\$0	\$830.00	\$0
Facility Capacity > 4,000 kW, per month	12	12	12 bill	\$1,600.00	\$19,200	\$1,550.00	\$18,600
Facilities Charge							
Facility Capacity ≤ 4,000 kW, per kW	0	0	0 kW	\$1.35	\$0	\$1.25	\$0
Facility Capacity > 4,000 kW, per kW	450,358	450,358	494,703 kW	\$1.35	\$667,849	\$1.25	\$618,379
Demand Charge, per kW of on-peak demand	387,115	387,115	425,233 kW	\$3.61	\$1,535,091		
REV Demand Charge, per kW of on-peak demand	380,006	380,006	425,233 kW			\$3.58	\$1,522,334
Reactive Power Charge, per kvar	0	0	0 kvar	55.00 ¢	\$0	55.00 ¢	\$0
Energy Charge - Schedule 200							
Demand Charge, per kW of On-Peak demand	387,115	387,115	0 kW	\$1.88	\$0		
On-Peak, per on-peak kWh	141,807,000	141,807,000	0 kWh	2.353 ¢	\$0		
Off-Peak, per off-peak kWh	110,301,000	110,301,000	0 kWh	2.303 ¢	\$0		
REV Demand Charge, per kW of On-Peak demand	252,108,000	252,108,000	0 kW			\$2.02	\$0
REV On-Peak, per on-peak kWh	96,378,161	96,378,161	0 kWh			2.502 ¢	\$0
REV Off-Peak, per off-peak kWh	155,729,839	155,729,839	0 kWh			2.502 ¢	\$0
Subtotal	252,108,000	252,108,000	0 kWh		\$2,222,140		\$2,159,313
Renewable Adjustment Clause (202), per kWh	252,108,000	252,108,000	0 kWh	0.140 ¢	\$0	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	252,108,000	252,108,000	0 kWh	-0.019 ¢	\$0	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	252,108,000	252,108,000	0 kWh	0.048 ¢	\$0	0.000 ¢	\$0
, per kW	387,115	387,115	0 kW	\$0.62	\$0	\$0.00	\$0
TAM Adj for Other Revs (205)							
On-Peak, per on-peak kWh	141,807,000	141,807,000	0 kWh	0.017 ¢	\$0	0.000 ¢	\$0
Off-Peak, per off-peak kWh	110,301,000	110,301,000	0 kWh	0.017 ¢	\$0	0.000 ¢	\$0
Subtotal					\$2,222,140		\$2,159,313
Schedule 201							
On-Peak, per on-peak kWh	141,807,000	141,807,000	0 kWh	2.176 ¢	\$0	2.176 ¢	\$0
Off-Peak, per off-peak kWh	110,301,000	110,301,000	0 kWh	2.126 ¢	\$0	2.126 ¢	\$0
Total	252,108,000	252,108,000	kWh		\$2,222,140		\$2,159,313
Energy Delivered	252,108,000	252,108,000	279,378,179			Change	(\$62,827)

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual 7/18-6/19 Units	Normalized 7/18-6/19 Units	Forecast 1/21 - 12/21 Units	Present		Proposed	
				Price	Dollars	Price	Dollars
Schedule No. 15 - Composite							
Outdoor Area Lighting Service							
No. of Customers	6,326	6,326	6,045				
Transmission & Ancillary Services Charge							
per kWh	9,043,776	9,043,776	8,693,135 kWh	0.075 ¢	\$6,643	0.078 ¢	\$6,757
System Usage Charge							
Sch 200 related, per kWh	9,043,776	9,043,776	8,693,135 kWh	0.046 ¢	\$3,669	0.039 ¢	\$3,367
T&A and Sch 201 related, per kWh	9,043,776	9,043,776	8,693,135 kWh	0.048 ¢	\$4,269	0.029 ¢	\$2,508
Distribution Charge							
Distribution Charge, per kWh	9,043,776	9,043,776	8,693,135 kWh	8.468 ¢	\$735,615	9.477 ¢	\$823,807
Energy Charge - Schedule 200							
per kWh	9,043,776	9,043,776	8,693,135 kWh	2.270 ¢	\$197,497	1.345 ¢	\$116,935
Subtotal	9,043,776	9,043,776	8,693,135 kWh		\$947,694		\$953,375
Renewable Adjustment Clause (202), per kWh	9,043,776	9,043,776	8,693,135 kWh	0.124 ¢	\$10,779	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	9,043,776	9,043,776	8,693,135 kWh	-0.015 ¢	(\$1,304)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	9,043,776	9,043,776	8,693,135 kWh	0.120 ¢	\$10,432	0.000 ¢	\$0
TAM Adj for Other Revs (205), per kWh	9,043,776	9,043,776	8,693,135 kWh	0.017 ¢	\$1,478	0.000 ¢	\$0
Subtotal					\$969,079		\$953,375
Schedule 201							
per kWh	9,043,776	9,043,776	8,693,135 kWh	2.037 ¢	\$177,106	2.037 ¢	\$177,106
Total	9,043,776	9,043,776	8,693,135 kWh		\$1,146,185		\$1,130,481
						Change	(\$15,703)
Schedule No. 50							
Mercury Vapor Street Lighting Service							
No. of Customers	226	226	229				
Transmission & Ancillary Services Charge							
per kWh	7,272,772	7,272,772	6,031,743 kWh	0.075 ¢	\$4,720		
System Usage Charge							
Sch 200 related, per kWh	7,272,772	7,272,772	6,031,743 kWh	0.046 ¢	\$2,468		
T&A and Sch 201 related, per kWh	7,272,772	7,272,772	6,031,743 kWh	0.048 ¢	\$3,099		
Distribution Charge							
Distribution Charge, per kWh	7,272,772	7,272,772	6,031,743 kWh	7.022 ¢	\$423,585		
Energy Charge - Schedule 200							
per kWh	7,272,772	7,272,772	6,031,743 kWh	2.047 ¢	\$123,737		
Subtotal	7,272,772	7,272,772	6,031,743 kWh		\$557,609		
Renewable Adjustment Clause (202), per kWh	7,272,772	7,272,772	6,031,743 kWh	0.108 ¢	\$6,514		
Adj to Remove Deer Creek (196), per kWh	7,272,772	7,272,772	6,031,743 kWh	-0.015 ¢	(\$905)		
Schedule 80 Adjustment, per kWh	7,272,772	7,272,772	6,031,743 kWh	0.120 ¢	\$7,238		
TAM Adj for Other Revs (205), per kWh	7,272,772	7,272,772	6,031,743 kWh	0.013 ¢	\$784		
Subtotal					\$571,240		
Schedule 201							
per kWh	7,272,772	7,272,772	6,031,743 kWh	1.681 ¢	\$101,541		
Total	7,272,772	7,272,772	6,031,743 kWh		\$672,781		
Schedule No. 51/751							
Street Lighting Service, Company-Owned System							
No. of Customers	831	831	833				
Transmission & Ancillary Services Charge							
per kWh	19,719,845	19,719,845	13,842,798 kWh	0.075 ¢	\$9,720		
System Usage Charge							
Sch 200 related, per kWh	19,719,845	19,719,845	13,842,798 kWh	0.046 ¢	\$6,176		
T&A and Sch 201 related, per kWh	19,719,845	19,719,845	13,842,798 kWh	0.048 ¢	\$6,271		
Distribution Charge							
Distribution Charge, per kWh	19,719,845	19,719,845	13,842,798 kWh	11.735 ¢	\$1,624,489		
Energy Charge - Schedule 200							
per kWh	19,719,845	19,719,845	13,842,798 kWh	3.233 ¢	\$447,182		
Subtotal	19,719,845	19,719,845	13,842,798 kWh		\$2,093,838		
Renewable Adjustment Clause (202), per kWh	19,719,845	19,719,845	13,842,798 kWh	0.152 ¢	\$21,041		
Adj to Remove Deer Creek (196), per kWh	19,719,845	19,719,845	13,842,798 kWh	-0.015 ¢	(\$2,076)		
Schedule 80 Adjustment, per kWh	19,719,845	19,719,845	13,842,798 kWh	0.120 ¢	\$16,611		
TAM Adj for Other Revs (205), per kWh	19,719,845	19,719,845	13,842,798 kWh	0.020 ¢	\$2,769		
Subtotal					\$2,132,183		
Schedule 201							
per kWh	19,719,845	19,719,845	13,842,798 kWh	2.649 ¢	\$367,191		
Total	19,719,845	19,719,845	13,842,798 kWh		\$2,499,374		
Schedule No. 51/751 - Proposed Combined							
Street Lighting Service, Company-Owned System							
No. of Customers			1,097				
Transmission & Ancillary Services Charge							
per kWh			20,238,069 kWh		\$14,713	0.095 ¢	\$19,132
System Usage Charge							
Sch 200 related, per kWh			20,238,069 kWh		\$8,811	0.047 ¢	\$9,534
T&A and Sch 201 related, per kWh			20,238,069 kWh		\$9,545	0.035 ¢	\$7,103
Distribution Charge							
Distribution Charge, per kWh			20,238,069 kWh		\$2,078,118	11.526 ¢	\$2,332,636
Energy Charge - Schedule 200							
per kWh			20,238,069 kWh		\$579,924	1.636 ¢	\$331,106
Subtotal			20,238,069 kWh		\$2,691,110		\$2,699,512
Renewable Adjustment Clause (202), per kWh			20,238,069 kWh		\$28,002	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh			20,238,069 kWh		(\$3,036)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh			20,238,069 kWh		\$24,285	0.000 ¢	\$0
TAM Adj for Other Revs (205), per kWh			20,238,069 kWh		\$3,615	0.000 ¢	\$0
Subtotal					\$2,743,976		\$2,699,512
Schedule 201							
per kWh			20,238,069 kWh		\$476,108	2.353 ¢	\$476,108
Total			20,238,069 kWh		\$3,220,084		\$3,175,620
						Change	(\$44,465)

PACIFIC POWER
State of Oregon
Billing Determinants
Actual 12 Months Ended June 30, 2019
Forecast 12 Months Ended December 31, 2021

Schedule	Actual 7/18-6/19 Units	Normalized 7/18-6/19 Units	Forecast 1/21 - 12/21 Units	Present		Proposed	
				Price	Dollars	Price	Dollars
Schedule No. 52/752							
Street Lighting Service, Company-Owned System							
No. of Customers	35	35	35				
Transmission & Ancillary Services Charge							
per kWh	365,649	365,649	363,528 kWh	0.075 ¢	\$273		
System Usage Charge							
Sch 200 related, per kWh	365,649	365,649	363,528 kWh	0.046 ¢	\$167		
T&A and Sch 201 related, per kWh	365,649	365,649	363,528 kWh	0.048 ¢	\$175		
Distribution Charge							
Distribution Charge, per kWh	365,649	365,649	363,528 kWh	8.263 ¢	\$30,044		
Energy Charge - Schedule 200							
per kWh	365,649	365,649	363,528 kWh	2.477 ¢	\$9,005		
Subtotal	365,649	365,649	363,528 kWh		\$39,663		
Renewable Adjustment Clause (202), per kWh	365,649	365,649	363,528 kWh	0.123 ¢	\$447		
Adj to Remove Deer Creek (196), per kWh	365,649	365,649	363,528 kWh	-0.015 ¢	(\$55)		
Schedule 80 Adjustment, per kWh	365,649	365,649	363,528 kWh	0.120 ¢	\$436		
TAM Adj for Other Revs (205), per kWh	365,649	365,649	363,528 kWh	0.017 ¢	\$62		
Subtotal					\$40,553		
Schedule 201							
per kWh	365,649	365,649	363,528 kWh	2.029 ¢	\$7,376		
Total	365,649	365,649	363,528 kWh		\$47,929		
Schedule No. 53/753							
Street Lighting Service, Consumer-Owned System							
No. of Customers	302	302	302				
Transmission & Ancillary Services Charge							
per kWh	11,922,142	11,922,142	12,045,888 kWh	0.075 ¢	\$9,034	0.038 ¢	\$4,577
System Usage Charge							
Sch 200 related, per kWh	11,922,142	11,922,142	12,045,888 kWh	0.046 ¢	\$5,541	0.019 ¢	\$2,289
T&A and Sch 201 related, per kWh	11,922,142	11,922,142	12,045,888 kWh	0.048 ¢	\$5,782	0.014 ¢	\$1,686
Distribution Charge							
Distribution Charge, per kWh	11,922,142	11,922,142	12,045,888 kWh	3.991 ¢	\$480,796	4.590 ¢	\$552,951
Energy Charge - Schedule 200							
per kWh	11,922,142	11,922,142	12,045,888 kWh	1.057 ¢	\$127,325	0.652 ¢	\$78,539
Subtotal	11,922,142	11,922,142	12,045,888 kWh		\$628,479		\$640,043
Renewable Adjustment Clause (202), per kWh	11,922,142	11,922,142	12,045,888 kWh	0.070 ¢	\$8,432	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	11,922,142	11,922,142	12,045,888 kWh	-0.015 ¢	(\$1,807)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	11,922,142	11,922,142	12,045,888 kWh	0.120 ¢	\$14,455	0.000 ¢	\$0
TAM Adj for Other Revs (205), per kWh	11,922,142	11,922,142	12,045,888 kWh	0.007 ¢	\$843	0.000 ¢	\$0
Subtotal					\$650,402		\$640,043
Schedule 201							
per kWh	11,922,142	11,922,142	12,045,888 kWh	0.864 ¢	\$104,076	0.864 ¢	\$104,076
Total	11,922,142	11,922,142	12,045,888 kWh		\$754,478		\$744,119
						Change	(\$10,359)
Schedule No. 54/754							
Recreational Field Lighting							
Transmission & Ancillary Services Charge							
per kWh	1,486,431	1,486,431	1,457,127 kWh	0.075 ¢	\$1,093	0.047 ¢	\$685
System Usage Charge							
Sch 200 related, per kWh	1,486,431	1,486,431	1,457,127 kWh	0.046 ¢	\$670	0.024 ¢	\$350
T&A and Sch 201 related, per kWh	1,486,431	1,486,431	1,457,127 kWh	0.048 ¢	\$699	0.018 ¢	\$262
Distribution Charge							
Basic Charge, Single Phase, per month	816	816	815 bill	\$6.00	\$4,890	\$6.00	\$4,890
Basic Charge, Three Phase, per month	445	445	445 bill	\$9.00	\$4,005	\$9.00	\$4,005
Distribution Energy Charge, per kWh	1,486,431	1,486,431	1,457,127 kWh	3.984 ¢	\$58,052	5.168 ¢	\$75,304
Energy Charge - Schedule 200							
per kWh	1,486,431	1,486,431	1,457,127 kWh	1.820 ¢	\$26,520	0.820 ¢	\$11,948
Subtotal	1,486,431	1,486,431	1,457,127 kWh		\$95,929		\$97,444
Renewable Adjustment Clause (202), per kWh	1,486,431	1,486,431	1,457,127 kWh	0.099 ¢	\$1,443	0.000 ¢	\$0
Adj to Remove Deer Creek (196), per kWh	1,486,431	1,486,431	1,457,127 kWh	-0.015 ¢	(\$219)	0.000 ¢	\$0
Schedule 80 Adjustment, per kWh	1,486,431	1,486,431	1,457,127 kWh	0.120 ¢	\$1,749	0.000 ¢	\$0
TAM Adj for Other Revs (205), per kWh	1,486,431	1,486,431	1,457,127 kWh	0.010 ¢	\$146	0.000 ¢	\$0
Subtotal					\$99,048		\$97,444
Schedule 201							
per kWh	1,486,431	1,486,431	1,457,127 kWh	1.492 ¢	\$21,740	1.492 ¢	\$21,740
Total	1,486,431	1,486,431	1,457,127 kWh		\$120,788		\$119,184
						Change	(\$1,604)
Subtotal Oregon	13,409,346,477	13,381,636,287	13,437,149,878		\$1,304,556,743		\$1,376,401,360
Employee Discount					(\$392,159)		(\$414,464)
TOTAL OREGON	13,409,346,477	13,381,636,287	13,437,149,878		\$1,304,164,584		\$1,375,986,896
Distribution Only Energy			279,378,179				
Total Energy Including Distribution Only	13,409,346,477	13,381,636,287	13,716,528,058				

ERRATA

Docket No. UE 374

Exhibit PAC/3206

Witness: Robert M. Meredith

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

PACIFICORP

ERRATA

Exhibit Accompanying Reply Testimony of Robert M. Meredith

Updated Estimated Effect of Proposed Rates and Proposed Adjustment Schedules

September 2020

Table 1410-1
PACIFIC POWER
ESTIMATED EFFECT OF PROPOSED PRICE CHANGE
ON REVENUES FROM ELECTRIC SALES TO ULTIMATE CONSUMERS
DISTRIBUTED BY RATE SCHEDULES IN OREGON
FORECAST 12 MONTHS ENDED DECEMBER 31, 2021

Line No.	Description	Pre Sch No.	Pro Sch No.	No. of Cust	MWh	Present Revenues (\$000)			Proposed Revenues (\$000)			Change			Line No.	
						Base Rates	Addrs ¹	Net Rates	Base Rates	Addrs ¹	Net Rates	Base Rates		Net Rates		
												(\$000)	% ²	(\$000)		% ²
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
								(6) + (7)		(9) + (10)		(9) - (6)	(12)/(6)	(11) - (8)	(14)/(8)	
<u>Residential</u>																
1	Residential	4	4	517,740	5,521,127	\$628,518	\$8,453	\$636,972	\$663,635	\$2,380	\$666,015	\$35,117	5.6%	\$29,043	4.6%	1
2	Total Residential			517,740	5,521,127	\$628,518	\$8,453	\$636,972	\$663,635	\$2,380	\$666,015	\$35,117	5.6%	\$29,043	4.6%	2
<u>Commercial & Industrial</u>																
3	Gen. Svc. < 31 kW	23	23	82,822	1,130,147	\$126,081	\$5,748	\$131,829	\$139,119	\$437	\$139,555	\$13,038	10.3%	\$7,726	5.9%	3
4	Gen. Svc. 31 - 200 kW	28	28	10,562	2,038,726	\$186,682	\$4,020	\$190,703	\$190,759	\$6,650	\$197,410	\$4,077	2.2%	\$6,707	3.5%	4
5	Gen. Svc. 201 - 999 kW	30	30	880	1,361,426	\$110,812	\$1,603	\$112,415	\$114,732	\$1,398	\$116,130	\$3,920	3.5%	\$3,715	3.3%	5
6	Large General Service >= 1,000 kW	48	48	195	3,079,837	\$213,804	(\$8,589)	\$205,215	\$226,580	(\$3,788)	\$222,793	\$12,777	6.0%	\$17,578	8.6%	6
7	Partial Reg. Svc. >= 1,000 kW	47	47	6	41,898	\$5,249	(\$114)	\$5,135	\$5,599	(\$45)	\$5,553	\$350	6.0%	\$419	8.6%	7
8	Dist. Only Lg Gen Svc >= 1,000 kW	848	848	1	0	\$2,222	\$12	\$2,234	\$2,159	\$12	\$2,171	(\$63)	-2.8%	(\$63)	-2.8%	8
9	Agricultural Pumping Service	41	41	7,894	221,554	\$25,947	(\$1,115)	\$24,832	\$28,649	(\$1,323)	\$27,326	\$2,702	10.4%	\$2,493	10.0%	9
10	Total Commercial & Industrial			102,360	7,873,589	\$670,797	\$1,565	\$672,362	\$707,597	\$3,341	\$710,938	\$36,800	5.5%	\$38,576	5.7%	10
<u>Lighting</u>																
11	Outdoor Area Lighting Service	15	15	6,045	8,693	\$1,146	\$214	\$1,361	\$1,130	\$4	\$1,134	(\$16)	-1.4%	(\$227)	-16.7%	11
12	Street Lighting Service Comp. Owned	50,51,52	51	1,097	20,238	\$3,220	\$664	\$3,884	\$3,176	\$9	\$3,185	(\$44)	-1.4%	(\$699)	-18.0%	12
13	Street Lighting Service Cust. Owned	53	53	302	12,046	\$754	\$154	\$908	\$744	\$2	\$746	(\$10)	-1.4%	(\$162)	-17.8%	13
14	Recreational Field Lighting	54	54	105	1,457	\$121	\$24	\$145	\$119	\$0	\$120	(\$2)	-1.3%	(\$25)	-17.5%	14
15	Total Public Street Lighting			7,549	42,434	\$5,242	\$1,056	\$6,298	\$5,169	\$15	\$5,185	(\$72)	-1.4%	(\$1,113)	-17.7%	15
16	Subtotal			627,649	13,437,150	\$1,304,557	\$11,074	\$1,315,631	\$1,376,401	\$5,736	\$1,382,138	\$71,845	5.5%	\$66,507	5.1%	16
17	Employee Discount			1,036	13,933	(\$392)	(\$5)	(\$397)	(\$414)	(\$1)	(\$414)	(\$22)		(\$17)		17
18	AGA Revenue					\$2,993		\$2,993	\$2,993		\$2,993	\$0		\$0		18
19	COOC Amortization					\$1,727		\$1,727	\$1,727		\$1,727	\$0		\$0		19
20	Total Sales with AGA			627,649	13,437,150	\$1,308,885	\$11,069	\$1,319,954	\$1,380,707	\$5,735	\$1,386,444	\$71,822	5.5%	\$66,490	5.0%	20

¹ Excludes effects of the Low Income Bill Payment Assistance Charge (Sch. 91), BPA Credit (Sch. 98), Public Purpose Charge (Sch. 290) and Energy Conservation Charge (Sch. 297).

² Percentages shown for Schedules 48 and 47 reflect the combined rate change for both schedules

Table 1410-2 GRC Price Change - with Estimated Renewable Adjustment Clau

PACIFIC POWER											
ESTIMATED EFFECT OF PROPOSED PRICE CHANGE											
ON REVENUES FROM ELECTRIC SALES TO ULTIMATE CONSUMERS											
DISTRIBUTED BY RATE SCHEDULES IN OREGON											
FORECAST 12 MONTHS ENDED DECEMBER 31, 2021											
Line No.	Pre Sch No.	Pro Sch No.	Description (1)	MWh (5)	Present Revenues (\$000)			Proposed Revenues (\$000)			Line No.
					Base Rates (6)	Estimated RAC (7)	Base + RAC (8)	Base Rates (11)	Adders ¹ (12)	Net Rates (13)	

Line No.	Description	Pre Sch	Pro Sch	Pilot Cost Adj	OCAT	Tax	Gen. Rem	RAC Deferr.	Sol. Inctv.	Comm.	RMA	RMA	Total	Total
		No.	No.	95 (\$000)	104 (\$000)	195 (\$000)	197 (\$000)	203 (\$000)	204 (\$000)	207 (\$000)	299 (\$000)	299 (\$000)	(13)	(14)
Residential														
1	Residential	4	4	\$55	\$2,601	(\$2,871)	\$0	\$276	\$2,098	\$221	\$3,202	\$0	\$8,453	\$2,380
2	Total Residential			\$55	\$2,601	(\$2,871)	\$0	\$276	\$2,098	\$221	\$3,202	\$0	\$8,453	\$2,380
Commercial & Industrial														
3	Gen. Svc. < 31 kW	23	23	\$11	\$538	(\$610)	\$0	\$57	\$407	\$34	\$4,701	\$0	\$5,748	\$437
4	Gen. Svc. 31 - 200 kW	28	28	\$20	\$779	(\$754)	\$0	\$102	\$754	\$61	\$2,304	\$5,688	\$4,020	\$6,650
5	Gen. Svc. 201 - 999 kW	30	30	\$14	\$459	(\$449)	\$0	\$68	\$490	\$41	\$531	\$776	\$1,603	\$1,398
6	Large General Service >= 1,000 kW	48	48	\$31	\$838	(\$893)	\$0	\$154	\$986	\$92	(\$10,690)	(\$4,995)	(\$8,589)	(\$3,788)
7	Partial Req. Svc. >= 1,000 kW	47	47	\$0	\$21	(\$12)	\$0	\$2	\$13	\$1	(\$152)	(\$71)	(\$114)	(\$45)
8	Dist. Only Lg Gen Svc >= 1,000 kW	848	848	\$3	\$9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12	\$12
9	Agricultural Pumping Service	41	41	\$2	\$101	(\$126)	\$0	\$11	\$82	\$7	(\$1,318)	(\$1,400)	(\$1,115)	(\$1,323)
10	Total Commercial & Industrial			\$82	\$2,745	(\$2,845)	\$0	\$394	\$2,732	\$236	(\$4,624)	(\$3)	\$1,565	\$3,341
Lighting														
11	Outdoor Area Lighting Service	15	15	\$0	\$6	(\$5)	\$0	\$0	\$3	\$0	\$206	\$0	\$214	\$4
12	Street Lighting Service Comp. Owned	50,51,52	51	\$0	\$16	(\$15)	\$0	\$1	\$7	\$1	\$639	\$0	\$664	\$9
13	Street Lighting Service, Cust Owned	53	53	\$0	\$4	(\$3)	\$0	\$0	\$1	\$0	\$148	\$0	\$154	\$2
14	Recreational Field Lighting	54	54	\$0	\$1	(\$1)	\$0	\$0	\$0	\$0	\$23	\$0	\$24	\$0
15	Total Public Street Lighting			\$0	\$26	(\$24)	\$0	\$2	\$11	\$1	\$1,016	\$0	\$1,056	\$15
16	Subtotal			\$137	\$5,372	(\$5,741)	\$0	\$671	\$4,841	\$458	(\$405)	(\$3)	\$11,074	\$5,736
17	Employee Discount			\$0	(\$2)	\$2	\$0	(\$0)	(\$1)	(\$0)	(\$2)	\$0	(\$5)	(\$1)
18	Total			\$137	\$5,370	(\$5,739)	\$0	\$671	\$4,840	\$458	(\$407)	(\$3)	\$11,069	\$5,735

Table 1410-4
PACIFIC POWER
PRESENT AND PROPOSED RATES OF ADJUSTMENT SCHEDULES
FORECAST 12 MONTHS ENDED DECEMBER 31, 2021

Line No.	Description		Pre Sch No.	Pro Sch No.	Pilot Cost Adj 95	OCAT 104	Tax Act 195	Gen. Rem 197	RAC Defer. 203	Sol. Inctv. 204	Comm. 207	RMA Sec 299	RMA Trn 299	RMA Pri 299	RMA Trn 299		
	No.		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
					¢/kWh	¢/kWh	¢/kWh	PRO	¢/kWh	PRO	¢/kWh	PRE	¢/kWh	PRE	¢/kWh	PRO	¢/kWh
<u>Residential</u>																	
1	Residential	4	4	0.001	0.41%	(0.052)	0.000	0.000	0.005	0.038	0.004	0.058	0.000				
<u>Commercial & Industrial</u>																	
2	Gen. Svc. < 31 kW	23	23	0.001	0.41%	(0.054)	0.000	0.000	0.005	0.036	0.003	0.416	0.416		0.000	0.000	
3	Gen. Svc. 31 – 200 kW	28	28	0.001	0.41%	(0.037)	0.000	0.000	0.005	0.037	0.003	0.113	0.113		0.279	0.279	
4	Gen. Svc. 201 - 999 kW	30	30	0.001	0.41%	(0.033)	0.000	0.000	0.005	0.036	0.003	0.039	0.039		0.057	0.057	
5	Large General Service >= 1,000 kW	48	48	0.001	0.41%	(0.029)	0.000	0.000	0.005	0.032	0.003	(0.267)	(0.334)	(0.413)	(0.125)	(0.156)	(0.193)
6	Partial Req. Svc. >= 1,000 kW	47	47	0.001	0.41%	(0.029)	0.000	0.000	0.005	0.032	0.003	(0.267)	(0.334)	(0.413)	(0.125)	(0.156)	(0.193)
7	Dist. Only Lg Gen Svc >= 1,000 kW	848	848	0.001	0.41%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	Agricultural Pumping Service	41	41	0.001	0.41%	(0.057)	0.000	0.000	0.005	0.037	0.003	(0.595)	(0.595)		(0.632)	(0.632)	
<u>Lighting</u>																	
9	Outdoor Area Lighting Service	15	15	0.001	0.41%	(0.060)	0.000	0.000	0.004	0.029	0.003	2.365			0.000		
10	Street Lighting Service HPS	50,51,52	51	0.001	0.41%	(0.074)	0.000	0.000	0.005	0.038	0.003	3.609			0.000		
11	Street Lighting Service	53	53	0.001	0.41%	(0.029)	0.000	0.000	0.002	0.012	0.001	1.230			0.000		
12	Recreational Field Lighting	54	54	0.001	0.41%	(0.037)	0.000	0.000	0.003	0.021	0.002	1.590			0.000		

Table 1410-5

PACIFIC POWER
PROPOSED REVISED FEDERAL TAX ADJUSTMENT - SCHEDULE 195
RATE SPREAD AND RATE CALCULATION
FORECAST 12 MONTHS ENDED DECEMBER 31, 2021

Line No.	Description	Pro Sch No.	No. of Cust	MWh	Proposed Revenues (\$000)			Rate Spread	Proposed Schedule 195 Rates	Credit (\$000)
					Base Rates	Remove NPC	Base Excl. NPC			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Residential										
1	Residential	4	517,740	5,521,127	\$663,635	(\$147,025)	\$516,610	50.01%	(0.052)	(\$2,871)
2	Total Residential		517,740	5,521,127	\$663,635	(\$147,025)	\$516,610			(\$2,871)
Commercial & Industrial										
3	Gen. Svc. < 31 kW	23	82,822	1,130,147	\$139,119	(\$28,827)	\$110,292	10.68%	(0.054)	(\$610)
4	Gen. Svc. 31 - 200 kW	28	10,562	2,038,726	\$190,759	(\$53,535)	\$137,225	13.28%	(0.037)	(\$754)
5	Gen. Svc. 201 - 999 kW	30	880	1,361,426	\$114,732	(\$34,129)	\$80,603	7.80%	(0.033)	(\$449)
6	Large General Service >= 1,000 kW	48	195	3,079,837	\$226,580	(\$70,351)	\$156,229	15.58%	(0.029)	(\$893)
7	Partial Req. Svc. >= 1,000 kW	47	6	41,898	\$5,599	(\$899)	\$4,700		(0.029)	(\$12)
8	Dist. Only Lg Gen Svc >= 1,000 kW	848	1	0	\$2,159	\$0	\$2,159		-	\$0
9	Agricultural Pumping Service	41	7,894	221,554	\$28,649	(\$5,736)	\$22,913	2.22%	(0.057)	(\$126)
10	Total Commercial & Industrial		102,360	7,873,589	\$707,597	(\$193,476)	\$514,121			(\$2,845)
Lighting										
11	Outdoor Area Lighting Service	15	6,045	8,693	\$1,130	(\$177)	\$953	0.09%	(0.060)	(\$5)
12	Street Lighting Service HPS	51	1,097	20,238	\$3,176	(\$476)	\$2,700	0.26%	(0.074)	(\$15)
13	Street Lighting Service	53	302	12,046	\$744	(\$104)	\$640	0.06%	(0.029)	(\$3)
14	Recreational Field Lighting	54	105	1,457	\$119	(\$22)	\$97	0.01%	(0.037)	(\$1)
15	Total Public Street Lighting		7,549	42,434	\$5,169	(\$779)	\$4,390			(\$24)
16	Subtotal		627,649	13,437,150	\$1,376,401	(\$341,280)	\$1,035,121			(\$5,741)
17	Employee Discount		1,036	13,933	(\$414)	\$94	\$94			\$2
18	AGA Revenue				\$2,993		\$2,993			
19	COOC Amortization				\$1,727		\$1,727			
20	Total Sales with AGA		627,649	13,437,150	\$1,378,980	(\$341,186)	\$1,038,209			(\$5,739)

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 4 + Cost-Based Supply Service
Residential Service - Single Family

kWh	Monthly Billing*		Difference	Percent Difference
	Present Price	Proposed Price		
100	\$20.29	\$23.32	\$3.03	14.93%
200	\$30.04	\$33.50	\$3.46	11.52%
300	\$39.82	\$43.72	\$3.90	9.79%
400	\$49.58	\$53.91	\$4.33	8.73%
500	\$59.35	\$64.13	\$4.78	8.05%
600	\$69.12	\$74.33	\$5.21	7.54%
700	\$78.87	\$84.53	\$5.66	7.18%
800	\$88.66	\$94.74	\$6.08	6.86%
900	\$98.41	\$104.93	\$6.52	6.63%
1,000	\$108.18	\$115.14	\$6.96	6.43%
1,100	\$120.93	\$127.73	\$6.80	5.62%
1,200	\$133.66	\$140.30	\$6.64	4.97%
1,300	\$146.41	\$152.89	\$6.48	4.43%
1,400	\$159.14	\$165.46	\$6.32	3.97%
1,500	\$171.89	\$178.06	\$6.17	3.59%
1,600	\$184.63	\$190.64	\$6.01	3.26%
2,000	\$235.59	\$240.96	\$5.37	2.28%
3,000	\$363.00	\$366.78	\$3.78	1.04%
4,000	\$490.42	\$492.60	\$2.18	0.44%
5,000	\$617.83	\$618.42	\$0.59	0.10%

* Net rate including Schedules 91, 98, 290 and 297.
Note: Assumed average billing cycle length of 30.42 days.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 4 + Cost-Based Supply Service
Residential Service - Multi-Family

kWh	Monthly Billing*		Difference	Percent Difference
	Present Price	Proposed Price		
100	\$20.29	\$18.15	(\$2.14)	-10.55%
200	\$30.04	\$28.33	(\$1.71)	-5.69%
300	\$39.82	\$38.55	(\$1.27)	-3.19%
400	\$49.58	\$48.74	(\$0.84)	-1.69%
500	\$59.35	\$58.96	(\$0.39)	-0.66%
600	\$69.12	\$69.16	\$0.04	0.06%
700	\$78.87	\$79.36	\$0.49	0.62%
800	\$88.66	\$89.57	\$0.91	1.03%
900	\$98.41	\$99.76	\$1.35	1.37%
1,000	\$108.18	\$109.97	\$1.79	1.65%
1,100	\$120.93	\$122.56	\$1.63	1.35%
1,200	\$133.66	\$135.13	\$1.47	1.10%
1,300	\$146.41	\$147.72	\$1.31	0.89%
1,400	\$159.14	\$160.29	\$1.15	0.72%
1,500	\$171.89	\$172.89	\$1.00	0.58%
1,600	\$184.63	\$185.47	\$0.84	0.45%
2,000	\$235.59	\$235.79	\$0.20	0.08%
3,000	\$363.00	\$361.61	(\$1.39)	-0.38%
4,000	\$490.42	\$487.43	(\$2.99)	-0.61%
5,000	\$617.83	\$613.25	(\$4.58)	-0.74%

* Net rate including Schedules 91, 98, 290 and 297.
Note: Assumed average billing cycle length of 30.42 days.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 23 + Cost-Based Supply Service
General Service - Secondary Delivery Voltage

kW Load Size	kWh	Monthly Billing*						Percent Difference	
		Present Price		Proposed Price				Single Phase	Three Phase
		Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase		
5	500	\$72	\$81	\$75	\$84		3.86%	3.44%	
	750	\$99	\$108	\$103	\$112		4.21%	3.87%	
	1,000	\$126	\$135	\$132	\$140		4.42%	4.13%	
	1,500	\$180	\$189	\$188	\$197		4.63%	4.42%	
10	1,000	\$126	\$135	\$132	\$140		4.42%	4.13%	
	2,000	\$234	\$243	\$245	\$254		4.76%	4.58%	
	3,000	\$342	\$351	\$359	\$368		4.88%	4.76%	
	4,000	\$434	\$443	\$456	\$465		5.15%	5.04%	
20	4,000	\$461	\$470	\$490	\$499		6.37%	6.25%	
	6,000	\$644	\$653	\$685	\$694		6.30%	6.22%	
	8,000	\$828	\$837	\$880	\$889		6.26%	6.20%	
	10,000	\$1,011	\$1,020	\$1,074	\$1,083		6.24%	6.19%	
30	9,000	\$974	\$983	\$1,045	\$1,054		7.35%	7.28%	
	12,000	\$1,249	\$1,258	\$1,337	\$1,346		7.08%	7.03%	
	15,000	\$1,524	\$1,533	\$1,629	\$1,638		6.91%	6.87%	
	18,000	\$1,799	\$1,808	\$1,922	\$1,930		6.79%	6.76%	

* Net rate including Schedules 91, 290 and 297.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 23 + Cost-Based Supply Service
General Service - Primary Delivery Voltage

kW Load Size	kWh	Monthly Billing*						Percent Difference	
		Present Price			Proposed Price			Single Phase	Three Phase
		Single Phase	Three Phase	Three Phase	Single Phase	Three Phase	Three Phase		
5	500	\$71	\$79	\$74	\$83		4.42%	3.94%	
	750	\$97	\$106	\$102	\$110		4.84%	4.44%	
	1,000	\$123	\$132	\$129	\$138		5.08%	4.74%	
	1,500	\$176	\$185	\$185	\$194		5.34%	5.09%	
10	1,000	\$123	\$132	\$129	\$138		5.08%	4.74%	
	2,000	\$228	\$237	\$241	\$250		5.48%	5.27%	
	3,000	\$334	\$342	\$352	\$361		5.63%	5.48%	
	4,000	\$423	\$432	\$448	\$457		5.91%	5.79%	
20	4,000	\$449	\$458	\$482	\$491		7.17%	7.03%	
	6,000	\$628	\$637	\$673	\$682		7.11%	7.01%	
	8,000	\$807	\$816	\$864	\$873		7.07%	7.00%	
	10,000	\$986	\$995	\$1,055	\$1,064		7.05%	6.99%	
30	9,000	\$949	\$958	\$1,027	\$1,036		8.19%	8.12%	
	12,000	\$1,218	\$1,227	\$1,314	\$1,323		7.92%	7.86%	
	15,000	\$1,486	\$1,495	\$1,601	\$1,610		7.74%	7.70%	
	18,000	\$1,754	\$1,763	\$1,888	\$1,897		7.62%	7.58%	

* Net rate including Schedules 91, 290 and 297.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 28 + Cost-Based Supply Service
Large General Service - Secondary Delivery Voltage

kW Load Size	kWh	Monthly Billing*		Percent Difference
		Present Price	Proposed Price	
15	3,000	\$351	\$366	4.34%
	4,500	\$464	\$476	2.64%
	7,500	\$689	\$696	0.90%
31	6,200	\$705	\$733	3.99%
	9,300	\$938	\$960	2.34%
	15,500	\$1,405	\$1,415	0.68%
40	8,000	\$904	\$940	3.92%
	12,000	\$1,205	\$1,233	2.28%
	20,000	\$1,808	\$1,819	0.63%
60	12,000	\$1,348	\$1,399	3.75%
	18,000	\$1,800	\$1,838	2.14%
	30,000	\$2,686	\$2,710	0.88%
80	16,000	\$1,786	\$1,852	3.68%
	24,000	\$2,381	\$2,435	2.24%
	40,000	\$3,558	\$3,594	1.01%
100	20,000	\$2,224	\$2,305	3.64%
	30,000	\$2,959	\$3,030	2.37%
	50,000	\$4,431	\$4,479	1.09%
200	40,000	\$4,355	\$4,527	3.95%
	60,000	\$5,826	\$5,976	2.58%
	100,000	\$8,768	\$8,875	1.22%

* Net rate including Schedules 91, 290 and 297.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 28 + Cost-Based Supply Service
Large General Service - Primary Delivery Voltage

kW Load Size	kWh	Monthly Billing*		Percent Difference
		Present Price	Proposed Price	
15	4,500	\$451	\$467	3.50%
	6,000	\$554	\$565	1.92%
	7,500	\$657	\$662	0.83%
31	9,300	\$906	\$934	3.12%
	12,400	\$1,118	\$1,136	1.57%
	15,500	\$1,331	\$1,338	0.52%
40	12,000	\$1,161	\$1,196	3.03%
	16,000	\$1,436	\$1,457	1.49%
	20,000	\$1,711	\$1,718	0.45%
60	18,000	\$1,732	\$1,783	2.99%
	24,000	\$2,137	\$2,172	1.62%
	30,000	\$2,540	\$2,559	0.76%
80	24,000	\$2,288	\$2,358	3.05%
	32,000	\$2,825	\$2,874	1.74%
	40,000	\$3,362	\$3,391	0.86%
100	30,000	\$2,842	\$2,931	3.15%
	40,000	\$3,513	\$3,577	1.82%
	50,000	\$4,184	\$4,222	0.91%
200	60,000	\$5,574	\$5,752	3.20%
	80,000	\$6,915	\$7,042	1.83%
	100,000	\$8,257	\$8,333	0.91%

* Net rate including Schedules 91, 290 and 297.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 30 + Cost-Based Supply Service
Large General Service - Secondary Delivery Voltage

kW Load Size	kWh	Monthly Billing*		Percent Difference
		Present Price	Proposed Price	
100	20,000	\$2,651	\$2,784	5.01%
	30,000	\$3,244	\$3,334	2.79%
	50,000	\$4,429	\$4,434	0.12%
200	40,000	\$4,660	\$4,918	5.54%
	60,000	\$5,846	\$6,019	2.96%
	100,000	\$8,217	\$8,220	0.04%
300	60,000	\$6,840	\$7,255	6.06%
	90,000	\$8,619	\$8,906	3.33%
	150,000	\$12,175	\$12,207	0.26%
400	80,000	\$8,902	\$9,450	6.16%
	120,000	\$11,273	\$11,651	3.35%
	200,000	\$16,015	\$16,053	0.24%
500	100,000	\$10,994	\$11,683	6.26%
	150,000	\$13,958	\$14,434	3.41%
	250,000	\$19,886	\$19,937	0.26%
600	120,000	\$13,086	\$13,916	6.34%
	180,000	\$16,643	\$17,217	3.45%
	300,000	\$23,756	\$23,820	0.27%
800	160,000	\$17,271	\$18,382	6.43%
	240,000	\$22,013	\$22,784	3.50%
	400,000	\$31,497	\$31,588	0.29%
1000	200,000	\$21,455	\$22,848	6.49%
	300,000	\$27,383	\$28,350	3.53%
	500,000	\$39,238	\$39,356	0.30%

* Net rate including Schedules 91, 290 and 297.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 30 + Cost-Based Supply Service
Large General Service - Primary Delivery Voltage

kW Load Size	kWh	Monthly Billing*		Percent Difference
		Present Price	Proposed Price	
100	30,000	\$3,181	\$3,314	4.17%
	40,000	\$3,763	\$3,861	2.61%
	50,000	\$4,344	\$4,408	1.47%
200	60,000	\$5,736	\$5,991	4.43%
	80,000	\$6,900	\$7,085	2.69%
	100,000	\$8,063	\$8,179	1.44%
300	90,000	\$8,452	\$8,859	4.81%
	120,000	\$10,197	\$10,500	2.97%
	150,000	\$11,942	\$12,142	1.67%
400	120,000	\$11,073	\$11,615	4.90%
	160,000	\$13,399	\$13,804	3.02%
	200,000	\$15,725	\$15,992	1.70%
500	150,000	\$13,705	\$14,385	4.96%
	200,000	\$16,613	\$17,121	3.05%
	250,000	\$19,522	\$19,857	1.72%
600	180,000	\$16,338	\$17,155	5.00%
	240,000	\$19,828	\$20,438	3.08%
	300,000	\$23,318	\$23,721	1.73%
800	240,000	\$21,604	\$22,694	5.05%
	320,000	\$26,257	\$27,072	3.10%
	400,000	\$30,910	\$31,449	1.74%
1000	300,000	\$26,870	\$28,234	5.08%
	400,000	\$32,686	\$33,706	3.12%
	500,000	\$38,502	\$39,177	1.75%

* Net rate including Schedules 91, 290 and 297.

Pacific Power
Billing Comparison
Delivery Service Schedule 41 + Cost-Based Supply Service
Agricultural Pumping - Secondary Delivery Voltage

kW Load Size	kWh	Present Price*			Proposed Price*			Percent Difference				
		April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge	April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge	April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge		
<u>Single Phase</u>												
10	2,000	\$194	\$222	\$155	\$207	\$220	\$197	6.95%	-0.83%	26.67%		
	3,000	\$291	\$319	\$155	\$311	\$324	\$197	6.95%	1.54%	26.67%		
	5,000	\$485	\$513	\$155	\$519	\$531	\$197	6.95%	3.59%	26.67%		
<u>Three Phase</u>												
20	4,000	\$388	\$444	\$310	\$415	\$440	\$393	6.95%	-0.83%	26.66%		
	6,000	\$582	\$638	\$310	\$622	\$647	\$393	6.95%	1.54%	26.66%		
	10,000	\$970	\$1,026	\$310	\$1,037	\$1,062	\$393	6.95%	3.59%	26.66%		
100	20,000	\$1,940	\$2,218	\$1,355	\$2,075	\$2,200	\$1,758	6.95%	-0.83%	29.77%		
	30,000	\$2,910	\$3,188	\$1,355	\$3,112	\$3,237	\$1,758	6.95%	1.54%	29.77%		
	50,000	\$4,850	\$5,128	\$1,355	\$5,187	\$5,312	\$1,758	6.95%	3.59%	29.77%		
300	60,000	\$5,820	\$6,654	\$3,410	\$6,224	\$6,599	\$4,430	6.95%	-0.83%	29.90%		
	90,000	\$8,730	\$9,564	\$3,410	\$9,336	\$9,711	\$4,430	6.95%	1.54%	29.90%		
	150,000	\$14,549	\$15,383	\$3,410	\$15,561	\$15,935	\$4,430	6.95%	3.59%	29.90%		

* Net rate including Schedules 91, 98, 290 and 297.

Pacific Power
Billing Comparison
Delivery Service Schedule 41 + Cost-Based Supply Service
Agricultural Pumping - Primary Delivery Voltage

kW Load Size	kWh	Present Price*			Proposed Price*			Percent Difference		
		April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge	April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge	April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge
<u>Single Phase</u>										
10	3,000	\$282	\$309	\$155	\$305	\$317	\$197	8.06%	2.54%	26.67%
	4,000	\$376	\$403	\$155	\$406	\$418	\$197	8.07%	3.83%	26.67%
	5,000	\$470	\$497	\$155	\$508	\$520	\$197	8.07%	4.63%	26.67%
<u>Three Phase</u>										
20	6,000	\$564	\$618	\$310	\$609	\$633	\$393	8.06%	2.54%	26.66%
	8,000	\$752	\$426	\$310	\$813	\$836	\$393	8.07%	96.53%	26.66%
	10,000	\$940	\$426	\$310	\$1,016	\$1,040	\$393	8.07%	144.26%	26.66%
100	30,000	\$2,820	\$3,088	\$1,344	\$3,047	\$3,167	\$1,748	8.07%	2.54%	30.00%
	40,000	\$3,759	\$4,028	\$1,344	\$4,063	\$4,182	\$1,748	8.07%	3.83%	30.00%
	50,000	\$4,699	\$4,968	\$1,344	\$5,078	\$5,198	\$1,748	8.07%	4.63%	30.00%
300	90,000	\$8,459	\$9,265	\$3,400	\$9,141	\$9,500	\$4,420	8.07%	2.54%	29.99%
	120,000	\$11,278	\$12,084	\$3,400	\$12,188	\$12,547	\$4,420	8.07%	3.83%	29.99%
	150,000	\$14,098	\$14,904	\$3,400	\$15,235	\$15,594	\$4,420	8.07%	4.63%	29.99%

* Net rate including Schedules 91, 98, 290 and 297.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 48 + Cost-Based Supply Service
Large General Service - Secondary Delivery Voltage
1,000 kW and Over

kW Load Size	kWh	Monthly Billing		Percent Difference
		Present Price	Proposed Price	
1,000	300,000	\$26,660	\$30,028	12.63%
	500,000	\$37,985	\$41,193	8.45%
	700,000	\$49,309	\$52,359	6.19%
2,000	600,000	\$52,887	\$59,393	12.30%
	1,000,000	\$73,285	\$79,474	8.45%
	1,400,000	\$94,833	\$100,705	6.19%
6,000	1,800,000	\$153,423	\$172,086	12.16%
	3,000,000	\$218,069	\$235,779	8.12%
	4,200,000	\$282,714	\$299,472	5.93%
12,000	3,600,000	\$305,520	\$342,400	12.07%
	6,000,000	\$434,810	\$469,786	8.04%
	8,400,000	\$564,101	\$597,172	5.86%

Notes:	Present	Proposed
On-Peak kWh	62.84%	38.23%
Off-Peak kWh	37.16%	61.77%

* Net rate including Schedules 91 and 290. Schedule 297 included for kWh levels under 730,000.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 48 + Cost-Based Supply Service
Large General Service - Primary Delivery Voltage
1,000 kW and Over

kW Load Size	kWh	Monthly Billing		Percent Difference
		Present Price	Proposed Price	
1,000	300,000	\$25,244	\$28,055	11.14%
	500,000	\$35,775	\$38,623	7.96%
	700,000	\$46,305	\$49,191	6.23%
2,000	600,000	\$50,013	\$55,470	10.91%
	1,000,000	\$68,824	\$74,355	8.04%
	1,400,000	\$88,784	\$94,390	6.31%
6,000	1,800,000	\$144,399	\$160,573	11.20%
	3,000,000	\$204,281	\$220,679	8.03%
	4,200,000	\$264,164	\$280,786	6.29%
12,000	3,600,000	\$287,439	\$319,488	11.15%
	6,000,000	\$407,204	\$439,700	7.98%
	8,400,000	\$526,969	\$559,913	6.25%

Notes:	Present	Proposed
On-Peak kWh	60.07%	38.23%
Off-Peak kWh	39.93%	61.77%

* Net rate including Schedules 91 and 290. Schedule 297 included for kWh levels under 730,000.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 48 + Cost-Based Supply Service
Large General Service - Transmission Delivery Voltage
1,000 kW and Over

kW Load Size	kWh	Monthly Billing		Percent Difference
		Present Price	Proposed Price	
1,000	500,000	\$35,525	\$37,034	4.25%
	700,000	\$45,343	\$47,103	3.88%
2,000	1,000,000	\$67,910	\$70,960	4.49%
	1,400,000	\$86,446	\$89,997	4.11%
6,000	3,000,000	\$201,717	\$210,907	4.56%
	4,200,000	\$257,323	\$268,019	4.16%
12,000	6,000,000	\$401,279	\$419,711	4.59%
	8,400,000	\$512,492	\$533,934	4.18%

Notes:	Present	Proposed
On-Peak kWh	56.54%	37.63%
Off-Peak kWh	43.46%	62.37%

* Net rate including Schedules 91 and 290. Schedule 297 included for kWh levels under 730,000.