

Docket No. UE 434
Exhibit PAC/300
Witness: Judith M. Ridenour

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

PACIFICORP

Direct Testimony of Judith M. Ridenour

February 2024

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ATTACHED EXHIBITS

Exhibit PAC/301—Proposed TAM Rate Spread and Rates

Exhibit PAC/302—Proposed Tariff Schedule

Exhibit PAC/303—Estimated Effect of Proposed TAM Price Change

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I. INTRODUCTION AND QUALIFICATIONS

Q. Please state your name, business address, and present position with PacifiCorp d/b/a Pacific Power (PacifiCorp or the Company).

A. My name is Judith M. Ridenour. My business address is 825 NE Multnomah Street, Suite 2000, Portland, Oregon 97232. My current position is Specialist, Pricing and Cost of Service, in the regulation department.

Q. Briefly describe your education and professional experience.

A. I have a Bachelor of Arts degree in Mathematics from Reed College. I joined the Company in the regulation department in October 2000. I assumed my present responsibilities in May 2001. In my current position, I am responsible for the preparation of rate design used in retail price filings and related analyses. Since 2001, with levels of increasing responsibility, I have analyzed and implemented rate design proposals throughout the Company's six-state service territory.

II. PURPOSE OF TESTIMONY

Q. What is the purpose of your testimony?

A. I present PacifiCorp's proposed rate spread, rates, and revised tariff pages for the 2025 Transition Adjustment Mechanism (TAM) to recover the Oregon-allocated forecast net power costs (NPC) and other amounts identified by Company witness Ramon J. Mitchell. I also provide a summary of the impact of the proposed rate change on customers' bills.

1 **III. PROPOSED RATE SPREAD AND RATE DESIGN**

2 **Q. Please describe the Company’s tariff rate schedule that collects the TAM.**

3 A. PacifiCorp collects the TAM through Schedule 201, Net Power Costs, Cost-Based
4 Supply Service. Collecting the TAM through a separate rate schedule allows NPC to
5 be more easily and accurately updated through TAM filings.

6 **Q. What is the test period for this TAM?**

7 A. In accordance with the TAM Guidelines adopted in Order No. 09-274,¹ the test period
8 for this TAM is the test year for the concurrent general rate case, which is the forecast
9 12 months ending December 31, 2025.

10 **Q. How did the Company allocate the proposed TAM revenues to the rate schedule**
11 **classes?**

12 A. PacifiCorp allocated proposed TAM revenues to the rate schedules based on the
13 generation allocation factors from the concurrently filed general rate case (2025
14 General Rate Case). This methodology accurately allocates NPC to each customer
15 class and ensures synchronization between the TAM and the 2025 Rate Case. The
16 spread of the proposed NPC to the customer classes is shown in page one of Exhibit
17 PAC/301.

18 **Q. Did you prepare an exhibit showing the rate spread and present and proposed**
19 **Schedule 201 rates and revenues?**

20 A. Yes. Exhibit PAC/301, starting on page two, shows present and proposed Schedule
21 201 rates and revenues. As explained by Company witness Mitchell, forecast NPC is
22 subject to updates throughout this proceeding.

¹ *In the Matter of PacifiCorp, d/b/a Pacific Power, 2009 Transition Adjustment Mechanism Schedule 200, Cost-Based Supply Service, Docket No. UE 199, Order No. 09-274 (July 16, 2009).*

1 **Q. Is the proposed Schedule 201 rate design consistent with the TAM Guidelines?**

2 A. Yes. The proposed Schedule 201 rates are designed to collect revenues from rate
3 schedules based on the proposed rate spread described above. Additionally, the rates
4 in PacifiCorp's proposed Schedule 201 follow the rate blocks and relationships
5 between rate blocks as the existing Schedule 201 rates.

6 **Q. Please describe Exhibit PAC/302.**

7 A. Exhibit PAC/302 contains the proposed revised Schedule 201.

8 **Q. Is the Company proposing changes to its transition adjustment tariff schedules
9 at this time?**

10 A. No. The Company will file changes to the transition adjustment tariffs—
11 Schedules 294, 295, and 296—once the final TAM rates have been posted and are
12 known. The Transition Adjustment rates will be established in November, just before
13 the open enrollment window.

14 **Q. Are there other tariff changes which will be made in the compliance filing in this
15 docket?**

16 A. Yes. The Company will file Schedule 293 to reflect any changes to the Company
17 Supply Service Access Charge and Schedule 220 to reflect updated market
18 weightings based on the final TAM results in November.

19 **IV. COMPARISON OF PRESENT AND PROPOSED CUSTOMER RATES**

20 **Q. What are the overall rate effects of the changes proposed in this filing?**

21 A. The overall proposed effect is a rate decrease of \$18.3 million or 1.0 percent, on a net
22 basis. The rate change varies by customer type. Page one of Exhibit PAC/303 shows
23 the estimated effect of PacifiCorp's proposed prices by delivery service schedule both

1 excluding (base) and including (net) applicable adjustment schedules. The net rates in
2 Columns 7 and 10 exclude effects of the Low Income Bill Payment Assistance Fund
3 (Schedule 91), Low Income Discount Cost Recovery Adjustment (Schedule 92), the
4 Adjustment Associated with the Pacific Northwest Electric Power Planning and
5 Conservation Act (Schedule 98), the Public Purpose Charge (Schedule 290), and the
6 System Benefits Charge (Schedule 291).

7 **Q. Did you prepare an exhibit that shows the impact on customer bills as a result of**
8 **the proposed TAM rate change?**

9 A. Yes. Exhibit PAC/303, beginning on page two, contains monthly billing comparisons
10 for customers at different usage levels served on each of the major delivery service
11 schedules. Each bill impact is shown in both dollars and percentages. These bill
12 comparisons include the effects of all adjustment schedules including the Low
13 Income Bill Payment Assistance Fund (Schedule 91), Low Income Discount Cost
14 Recovery Adjustment (Schedule 92), the Adjustment Associated with the Pacific
15 Northwest Electric Power Planning and Conservation Act (Schedule 98), the Public
16 Purpose Charge (Schedule 290), and the System Benefits Charge (Schedule 291).

17 **Q. What is the estimated monthly impact to an average residential customer?**

18 A. The estimated average monthly impact to the average residential customer using
19 950 kilowatt-hours per month is a bill decrease of \$1.19.

20 **Q. Does this conclude your direct testimony?**

21 A. Yes.

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**BEFORE THE PUBLIC UTILITY COMMISSION
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PACIFICORP

Exhibit Accompanying Direct Testimony of Judith M. Ridenour
Proposed TAM Rate Spread and Rates

February 2024

**PACIFIC POWER
STATE OF OREGON
Functionalized Net Power Cost Revenue Requirement
Forecast 12 Months Ended December 31, 2025
Dollars in Thousands**

Line	Description	Total	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
			Residential (sec)	General Service Sch 23 (sec)	General Service (pri)	General Service Sch 28 (sec)	General Service (pri)	General Service Sch 30 (sec)	General Service (pri)	Large Power Service Sch 48T (sec)	Large Power Service (pri)	Large Power Service (tm)	Irrigation Sch 41	Street Lgt. Sch 15, 51 53, 54
1	Functionalized Generation Revenue Requirement from GRC	\$957,412	\$388,719	\$73,497	\$116	\$128,401	\$1,307	\$77,421	\$4,677	\$34,503	\$127,306	\$106,505	\$14,164	\$795
2														
3	Net Power Cost Revenue Requirement	\$586,148												
4	Net Power Cost Collection for Schedules not included in COS Study*	\$1,259												
5	Net Power Cost for Schedules Included in COS Study	\$584,889												
6														
7														
8	Generation Allocation Factors from GRC	100.00%	40.60%	7.68%	0.01%	13.41%	0.14%	8.09%	0.49%	3.60%	13.30%	11.12%	1.48%	0.08%
9														
10														
11	Functionalized Net Power Cost Revenue Requirement- (Target)	\$584,889	\$237,471	\$44,900	\$71	\$78,441	\$798	\$47,297	\$2,857	\$21,078	\$77,772	\$65,065	\$8,653	\$486
12	Other Generation Revenue Requirement - (Target)	\$372,523	\$151,248	\$28,597	\$45	\$49,960	\$509	\$30,124	\$1,820	\$13,425	\$49,534	\$41,441	\$5,511	\$310
13	Sum	\$957,412	\$388,719	\$73,497	\$116	\$128,401	\$1,307	\$77,421	\$4,677	\$34,503	\$127,306	\$106,505	\$14,164	\$795

*Revenues by rate schedule as follow:

Schedule 47 Primary	\$1,191
Schedule 47 Transmission	\$205
Employee Discount	<u>(\$137)</u>
Total not in study	\$1,259

**PACIFIC POWER
STATE OF OREGON
TAM Schedule 201 Present and Proposed Rates and Revenues
Forecast 12 Months Ended December 31, 2025**

Rate Schedule	Forecast Energy	Present Schedule 201		Proposed Schedule 201	
		Rates	Revenues	Rates	Revenues
Schedule 4, Residential					
All kWh, per kWh	5,787,620,059	4.227 ¢	\$244,642,700	4.103 ¢	\$237,466,051
	5,787,620,059		\$244,642,700		\$237,466,051
				Change	-\$7,176,649
Employee Discount					
All kWh, per kWh	13,364,385	4.227 ¢	\$564,913	4.103 ¢	\$548,341
	13,364,385		\$564,913		\$548,341
Discount			-\$141,228		-\$137,085
				Change	\$4,143
Schedule 23, Small General Service					
Secondary Voltage					
1st 3,000 kWh, per kWh	909,353,739	4.218 ¢	\$38,356,541	4.100 ¢	\$37,283,503
All additional kWh, per kWh	250,901,447	3.127 ¢	\$7,845,688	3.039 ¢	\$7,624,895
	1,160,255,186		\$46,202,229		\$44,908,398
				Change	-\$1,293,831
Primary Voltage					
1st 3,000 kWh, per kWh	1,018,579	4.090 ¢	\$41,660	3.975 ¢	\$40,489
All additional kWh, per kWh	858,470	3.033 ¢	\$26,037	2.948 ¢	\$25,308
	1,877,049		\$67,697		\$65,797
				Change	-\$1,900
Schedule 28, General Service 31-200kW					
Secondary Voltage					
All kWh, per kWh	2,043,261,478	3.932 ¢	\$80,341,041	3.839 ¢	\$78,440,808
	2,043,261,478		\$80,341,041		\$78,440,808
				Change	-\$1,900,233
Primary Voltage					
All kWh, per kWh	21,450,524	3.842 ¢	\$824,129	3.722 ¢	\$798,389
	21,450,524		\$824,129		\$798,389
				Change	-\$25,740
<i>Schedule 29 TOU Pilot, untiered, per kWh</i>		4.961		3.839 ¢	
Schedule 30, General Service 201-999kW					
Secondary Voltage					
All kWh, per kWh	1,252,474,015	3.856 ¢	\$48,295,398	3.776 ¢	\$47,293,419
	1,252,474,015		\$48,295,398		\$47,293,419
				Change	-\$1,001,979
Primary Voltage					
All kWh, per kWh	77,804,770	3.843 ¢	\$2,990,037	3.673 ¢	\$2,857,769
	77,804,770		\$2,990,037		\$2,857,769
				Change	-\$132,268
Schedule 41, Agricultural Pumping Service					
Secondary Voltage					
All kWh, per kWh	234,909,530	3.799 ¢	\$8,924,213	3.684 ¢	\$8,654,067
	234,909,530		\$8,924,213		\$8,654,067
				Change	-\$270,146
Primary Voltage					
All kWh, per kWh	0	3.739 ¢	\$0	3.627 ¢	\$0
	0		\$0		\$0
				Change	\$0
Schedule 47, Large General Service, Partial Requirements 1,000kW and over					
Primary Voltage					
On-Peak, per on-peak kWh	13,354,360	4.500 ¢	\$600,946	4.369 ¢	\$583,452
Off-Peak, per off-peak kWh	19,596,498	3.195 ¢	\$626,108	3.102 ¢	\$607,883
	32,950,858		\$1,227,054		\$1,191,335
				Change	-\$35,719
Transmission Voltage					
On-Peak, per on-peak kWh	2,171,379	4.358 ¢	\$94,629	4.154 ¢	\$90,199
Off-Peak, per off-peak kWh	3,973,113	3.031 ¢	\$120,425	2.889 ¢	\$114,783
	6,144,492		\$215,054		\$204,982
				Change	-\$10,072

**PACIFIC POWER
STATE OF OREGON
TAM Schedule 201 Present and Proposed Rates and Revenues
Forecast 12 Months Ended December 31, 2025**

Rate Schedule	Forecast Energy	Present Schedule 201		Proposed Schedule 201	
		Rates	Revenues	Rates	Revenues
Schedule 48, Large General Service, 1,000kW and over					
Secondary Voltage					
On-Peak, per on-peak kWh	218,085,760	4.625 ¢	\$10,086,466	4.462 ¢	\$9,730,987
Off-Peak, per off-peak kWh	352,821,857	3.333 ¢	\$11,759,552	3.216 ¢	\$11,346,751
	<u>570,907,617</u>		<u>\$21,846,018</u>		<u>\$21,077,738</u>
				Change	-\$768,280
Primary Voltage					
On-Peak, per on-peak kWh	822,791,267	4.500 ¢	\$37,025,607	4.369 ¢	\$35,947,750
Off-Peak, per off-peak kWh	1,348,531,701	3.195 ¢	\$43,085,588	3.102 ¢	\$41,831,453
	<u>2,171,322,968</u>		<u>\$80,111,195</u>		<u>\$77,779,203</u>
				Change	-\$2,331,992
Transmission Voltage					
On-Peak, per on-peak kWh	725,013,625	4.358 ¢	\$31,596,094	4.154 ¢	\$30,117,066
Off-Peak, per off-peak kWh	1,209,866,325	3.031 ¢	\$36,671,048	2.889 ¢	\$34,953,038
	<u>1,934,879,950</u>		<u>\$68,267,142</u>		<u>\$65,070,104</u>
				Change	-\$3,197,038
Schedule 15, Outdoor Area Lighting Service					
Secondary Voltage					
All kWh, per kWh	8,156,574	1.374 ¢	\$111,792	1.110 ¢	\$90,512
	<u>8,156,574</u>		<u>\$111,792</u>		<u>\$90,512</u>
				Change	-\$21,279
Schedule 51, Street Lighting Service, Company-Owned System					
Secondary Voltage					
All kWh, per kWh	20,858,198	1.696 ¢	\$353,820	1.370 ¢	\$285,846
	<u>20,858,198</u>		<u>\$353,820</u>		<u>\$285,846</u>
				Change	-\$67,974
Schedule 53, Street Lighting Service, Consumer-Owned System					
Secondary Voltage					
All kWh, per kWh	8,821,260	1.320 ¢	\$116,441	1.069 ¢	\$94,299
	<u>8,821,260</u>		<u>\$116,441</u>		<u>\$94,299</u>
				Change	-\$22,141
Schedule 54, Recreational Field Lighting					
Secondary Voltage					
All kWh, per kWh	1,373,662	1.320 ¢	\$18,132	1.069 ¢	\$14,684
	<u>1,373,662</u>		<u>\$18,132</u>		<u>\$14,684</u>
				Change	-\$3,448
Total before Employee Discount					
			<u>\$604,554,091</u>	<u>\$586,293,401</u>	
Employee Discount			-\$141,228	-\$137,085	
TOTAL			<u>\$604,412,863</u>	<u>\$586,156,316</u>	
				Change	-\$18,256,547
Schedule 47 Unscheduled kWh 4,283,326					
Total Forecast kWh 15,339,351,516					

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OF OREGON**

PACIFICORP

Exhibit Accompanying Direct Testimony of Judith M. Ridenour
Proposed Tariff Schedule

February 2024



**OREGON
SCHEDULE 201**

**NET POWER COSTS
COST-BASED SUPPLY SERVICE**

Available

In all territory served by the Company in the State of Oregon.

Applicable

To Residential Consumers and Nonresidential Consumers who have elected to take Cost-Based Supply Service under this schedule or under Schedules 210, 211, 212, 213 or 247. This service may be taken only in conjunction with the applicable Delivery Service Schedule. Also applicable to Nonresidential Consumers who, based on the announcement date defined in OAR 860-038-275, do not elect to receive standard offer service under Schedule 220 or direct access service under the applicable tariff. In addition, applicable to some Large Nonresidential Consumers on Schedule 400 whose special contracts require prices under the Company's previously applicable Schedule 48T. For Consumers on Schedule 400 who were served on previously applicable Schedule 48T prices under their special contract, this service, in conjunction with Delivery Service Schedule 48, supersedes previous Schedule 48T.

Nonresidential Consumers who had chosen either service under Schedule 220 or who chose to receive direct access service under the applicable tariff may qualify to return to Cost-Based Supply Service under this Schedule after meeting the Returning Service Requirements and making a Returning Service Payment as specified in this Schedule.

Monthly Billing

The Monthly Billing shall be the Energy Charge, as specified below by Delivery Service Schedule.

<u>Delivery Service Schedule No.</u>		<u>Delivery Voltage</u>		
		<u>Secondary</u>	<u>Primary</u>	
Transmission				
4	All kWh, per kWh	4.103¢		(R)
5	All kWh, per kWh	4.103¢		(R)
6	Per kWh plus plus	All kWh per On-Peak kWh per Off-Peak kWh (credit)	4.103¢ 14.270¢ -3.790¢	(R)
For Schedule 6, On-Peak hours are from 5 p.m. to 9 p.m., all days. Off-Peak hours are all remaining hours.				
23	First 3,000 kWh, per kWh All additional kWh, per kWh	4.100¢ 3.039¢	3.975¢ 2.948¢	(R) (R)
28	All kWh, per kWh	3.839¢	3.722¢	(R)

(continued)



**OREGON
SCHEDULE 201**

**NET POWER COSTS
COST-BASED SUPPLY SERVICE**

Monthly Billing (continued)

<u>Delivery Service Schedule No.</u>		<u>Secondary</u>	<u>Delivery Voltage</u>		
			<u>Primary</u>	<u>Transmission</u>	
29	All kWh, per kWh Plus per Off-Peak kWh (credit)	3.839¢ -0.739¢	3.839¢ -0.739¢		(R)
<p>For Schedule 29, Summer On-Peak hours are from 4 p.m. to 8 p.m. Monday through Friday excluding holidays in the Summer months of April through October. Non-Summer On-Peak hours are from 6 a.m. to 10 a.m. and 5 p.m. to 8 p.m. Monday through Friday excluding holidays in the Non-Summer months of November through March. Off-Peak hours are all remaining hours.</p>					
30	All kWh, per kWh	3.776¢	3.673¢		(R)
41	All kWh, per kWh Optional TOU Adders Plus per On-Peak kWh Plus per Off-Peak kWh (credit)	3.684¢ 4.989¢ -0.992¢	3.627¢ 4.989¢ -0.992¢		(R)

Schedule 41 Consumers may choose to participate in one of two Time-of-Use (TOU) rate options, Option A and Option B which provide time-varying rates in the Summer months of July, August and September. Consumers may choose to participate in Option A with On-Peak hours from 2 p.m. to 6 p.m. all days in Summer or Option B with On-Peak hours from 6 p.m. to 10 p.m. all days in Summer. Off-peak hours for each Option are all other Summer hours which are not On-Peak. All other months have no time-of-use periods or rate adders.

47/48	Per kWh On-Peak	4.462¢	4.369¢	4.154¢	(R)
	Per kWh, Off-Peak	3.216¢	3.102¢	2.889¢	(R)

For Schedule 47 and Schedule 48, Summer On-Peak hours are from 1 p.m. to 10 p.m. all days in the Summer months of June through September. Non-Summer On-Peak hours are from 6 a.m. to 9 a.m. and 4 p.m. to 10 p.m. in the Non-Summer months of October through May. Off-Peak hours are all remaining hours.

15	<u>Type of Lamp</u>	<u>LED Equivalent Lumens</u>	<u>Monthly kWh</u>	<u>Rate per Lamp</u>	
	Level 1	0-5,000	19	\$0.81	(R)
	Level 2	5,001-12,000	34	\$1.44	(R)
	Level 3	12,001+	57	\$2.42	(R)

(continued)



**OREGON
SCHEDULE 201**

**NET POWER COSTS
COST-BASED SUPPLY SERVICE**

Monthly Billing (continued)

Delivery Service Schedule No.

51	Type of Lamp	LED Equivalent Lumens	Monthly kWh	Rate per Lamp	
	Level 1	0-3,500	8	\$0.29	(R)
	Level 2	3,501-5,500	15	\$0.54	
	Level 3	5,501-8,000	25	\$0.90	
	Level 4	8,001-12,000	34	\$1.24	
	Level 5	12,001-15,500	44	\$1.60	
	Level 6	15,501+	57	\$2.07	

53	Types of Luminaire	Nominal rating Watts	Monthly kWh	Rate Per Luminaire		
	High Pressure Sodium	5,800	70	31	\$0.33	
	High Pressure Sodium	9,500	100	44	\$0.47	
	High Pressure Sodium	16,000	150	64	\$0.68	
	High Pressure Sodium	22,000	200	85	\$0.91	
	High Pressure Sodium	27,500	250	115	\$1.23	
	High Pressure Sodium	50,000	400	176	\$1.88	
	Metal Halide	9,000	100	39	\$0.42	
	Metal Halide	12,000	175	68	\$0.73	
	Metal Halide	19,500	250	94	\$1.00	
	Metal Halide	32,000	400	149	\$1.59	
	Metal Halide	107,800	1,000	354	\$3.78	
	Non-Listed Luminaire, per kWh				1.069¢	

54	Per kWh	1.069¢			(R)
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(continued)

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Exhibit Accompanying Direct Testimony of Judith M. Ridenour
Estimated Effect of Proposed TAM Price Change

February 2024

TAM Price Change
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, 2025

Line No.	Description	Sch No.	No. of Cust	MWh	Present Revenues (\$000)			Proposed Revenues (\$000)			Change				Line No.
					Base Rates	Adders ¹	Net Rates	Base Rates	Adders ¹	Net Rates	Base Rates (\$000)	% ²	Net Rates (\$000)	% ²	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
						(5) + (6)			(8) + (9)	(8) - (5)	(11)/(5)	(10) - (7)	(13)/(7)		
Residential															
1	Residential	4	513,581	5,787,620	\$786,075	\$45,954	\$832,029	\$778,899	\$45,954	\$824,852	(\$7,177)	-0.9%	(\$7,177)	-0.9%	1
2	Total Residential		513,581	5,787,620	\$786,075	\$45,954	\$832,029	\$778,899	\$45,954	\$824,852	(\$7,177)	-0.9%	(\$7,177)	-0.9%	2
Commercial & Industrial															
3	Gen. Svc. < 31 kW	23	86,033	1,162,132	\$159,887	\$10,366	\$170,253	\$158,591	\$10,366	\$168,957	(\$1,296)	-0.8%	(\$1,296)	-0.8%	3
4	Gen. Svc. 31 - 200 kW	28	10,658	2,064,712	\$211,334	\$25,644	\$236,978	\$209,408	\$25,644	\$235,052	(\$1,926)	-0.9%	(\$1,926)	-0.8%	4
5	Gen. Svc. 201 - 999 kW	30	847	1,330,279	\$118,973	\$14,740	\$133,713	\$117,839	\$14,740	\$132,579	(\$1,134)	-1.0%	(\$1,134)	-0.9%	5
6	Large General Service >= 1,000 kW	48	177	4,677,111	\$357,556	\$19,276	\$376,831	\$351,258	\$19,276	\$370,534	(\$6,297)	-1.8%	(\$6,297)	-1.7%	6
7	Partial Req. Svc. >= 1,000 kW	47	6	43,379	\$5,048	\$179	\$5,228	\$5,003	\$179	\$5,182	(\$46)	-1.8%	(\$46)	-1.7%	7
8	Dist. Only Lg Gen Svc >= 1,000 kW	848	1	0	\$1,517	\$547	\$2,064	\$1,517	\$547	\$2,064	\$0	0.0%	\$0	0.0%	8
9	Agricultural Pumping Service	41	7,884	234,910	\$32,687	(\$1,212)	\$31,475	\$32,417	(\$1,212)	\$31,205	(\$270)	-0.8%	(\$270)	-0.9%	9
10	Total Commercial & Industrial		105,606	9,512,522	\$887,002	\$69,540	\$956,542	\$876,033	\$69,540	\$945,573	(\$10,969)	-1.2%	(\$10,969)	-1.2%	10
Lighting															
11	Outdoor Area Lighting Service	15	5,833	8,157	\$839	\$315	\$1,154	\$818	\$315	\$1,133	(\$21)	-2.5%	(\$21)	-1.8%	11
12	Street Lighting Service Comp. Owned	51	1,210	20,858	\$2,903	\$1,229	\$4,132	\$2,835	\$1,229	\$4,064	(\$68)	-2.3%	(\$68)	-1.7%	12
13	Street Lighting Service Cust. Owned	53	296	8,821	\$487	\$293	\$780	\$465	\$293	\$758	(\$22)	-4.6%	(\$22)	-2.8%	13
14	Recreational Field Lighting	54	98	1,374	\$91	\$58	\$148	\$87	\$58	\$145	(\$3)	-3.8%	(\$3)	-2.3%	14
15	Total Public Street Lighting		7,437	39,210	\$4,319	\$1,896	\$6,215	\$4,204	\$1,896	\$6,100	(\$115)	-2.7%	(\$115)	-1.9%	15
16	Total Sales to Ultimate Consumers		626,624	15,339,352	\$1,677,397	\$117,389	\$1,794,786	\$1,659,136	\$117,389	\$1,776,525	(\$18,261)	-1.1%	(\$18,261)	-1.0%	16
17	Employee Discount		867	13,364	(\$445)	(\$27)	(\$472)	(\$441)	(\$27)	(\$467)	\$4		\$4		17
18	Paperless Credit				(\$1,855)		(\$1,855)	(\$1,855)		(\$1,855)	\$0		\$0		18
19	AGA Revenue				\$4,071		\$4,071	\$4,071		\$4,071	\$0		\$0		19
20	COOC Amortization				\$1,769		\$1,769	\$1,769		\$1,769	\$0		\$0		20
21	Total Sales with AGA		626,624	15,339,352	\$1,680,937	\$117,362	\$1,798,299	\$1,662,681	\$117,362	\$1,780,043	(\$18,257)	-1.1%	(\$18,257)	-1.0%	21

¹ Excludes effects of the low income assistance charges (Sch. 91 and Sch. 92), BPA credit (Sch. 98), Public Purpose Charge (Sch. 290) and System Benefits Charge (Sch. 291).

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

Pacific Power
TAM 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	\$25.41	\$25.28	(\$0.13)	-0.51%
200	\$38.63	\$38.37	(\$0.26)	-0.67%
300	\$51.84	\$51.46	(\$0.38)	-0.73%
400	\$65.06	\$64.55	(\$0.51)	-0.78%
500	\$78.27	\$77.64	(\$0.63)	-0.80%
600	\$91.48	\$90.72	(\$0.76)	-0.83%
700	\$104.70	\$103.82	(\$0.88)	-0.84%
800	\$117.91	\$116.90	(\$1.01)	-0.86%
900	\$131.13	\$129.99	(\$1.14)	-0.87%
950	\$137.73	\$136.54	(\$1.19)	-0.86%
1,000	\$144.34	\$143.08	(\$1.26)	-0.87%
1,100	\$157.55	\$156.16	(\$1.39)	-0.88%
1,200	\$170.77	\$169.26	(\$1.51)	-0.88%
1,300	\$183.98	\$182.34	(\$1.64)	-0.89%
1,400	\$197.20	\$195.44	(\$1.76)	-0.89%
1,500	\$210.41	\$208.52	(\$1.89)	-0.90%
1,600	\$223.62	\$221.60	(\$2.02)	-0.90%
2,000	\$276.48	\$273.96	(\$2.52)	-0.91%
3,000	\$417.38	\$413.61	(\$3.77)	-0.90%
4,000	\$558.28	\$553.25	(\$5.03)	-0.90%
5,000	\$699.19	\$692.89	(\$6.30)	-0.90%

* Net rate including Schedules 91, 92, 98, 290 and 291.

Pacific Power
TAM 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	\$22.36	\$22.23	(\$0.13)	-0.58%
200	\$35.58	\$35.33	(\$0.25)	-0.70%
300	\$48.79	\$48.41	(\$0.38)	-0.78%
400	\$62.01	\$61.51	(\$0.50)	-0.81%
500	\$75.22	\$74.59	(\$0.63)	-0.84%
600	\$88.43	\$87.68	(\$0.75)	-0.85%
700	\$101.65	\$100.77	(\$0.88)	-0.87%
800	\$114.86	\$113.85	(\$1.01)	-0.88%
900	\$128.08	\$126.95	(\$1.13)	-0.88%
950	\$134.69	\$133.49	(\$1.20)	-0.89%
1,000	\$141.29	\$140.03	(\$1.26)	-0.89%
1,100	\$154.50	\$153.12	(\$1.38)	-0.89%
1,200	\$167.72	\$166.21	(\$1.51)	-0.90%
1,300	\$180.93	\$179.30	(\$1.63)	-0.90%
1,400	\$194.15	\$192.39	(\$1.76)	-0.91%
1,500	\$207.36	\$205.48	(\$1.88)	-0.91%
1,600	\$220.57	\$218.56	(\$2.01)	-0.91%
2,000	\$273.43	\$270.92	(\$2.51)	-0.92%
3,000	\$414.34	\$410.56	(\$3.78)	-0.91%
4,000	\$555.24	\$550.20	(\$5.04)	-0.91%
5,000	\$696.14	\$689.85	(\$6.29)	-0.90%

* Net rate including Schedules 91, 92, 98, 290 and 291.

Pacific Power
TAM 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		
5	500	\$87	\$95	\$86	\$95	-0.69%	-0.63%
	750	\$121	\$130	\$120	\$129	-0.74%	-0.69%
	1,000	\$156	\$164	\$155	\$163	-0.77%	-0.72%
	1,500	\$225	\$234	\$223	\$232	-0.80%	-0.77%
10	1,000	\$156	\$164	\$155	\$163	-0.77%	-0.72%
	2,000	\$294	\$303	\$292	\$300	-0.81%	-0.79%
	3,000	\$432	\$441	\$428	\$437	-0.83%	-0.82%
	4,000	\$552	\$561	\$547	\$556	-0.81%	-0.80%
20	4,000	\$588	\$596	\$583	\$592	-0.76%	-0.75%
	6,000	\$827	\$836	\$821	\$830	-0.76%	-0.75%
	8,000	\$1,067	\$1,075	\$1,059	\$1,067	-0.76%	-0.75%
	10,000	\$1,306	\$1,315	\$1,296	\$1,305	-0.75%	-0.75%
30	9,000	\$1,258	\$1,267	\$1,249	\$1,258	-0.71%	-0.71%
	12,000	\$1,617	\$1,626	\$1,606	\$1,614	-0.72%	-0.72%
	15,000	\$1,976	\$1,985	\$1,962	\$1,971	-0.72%	-0.72%
	18,000	\$2,336	\$2,344	\$2,319	\$2,327	-0.73%	-0.72%

* Net rate including Schedules 91, 92, 290 and 291.

Pacific Power
TAM 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	Single Phase	Three Phase		
5	500	\$85	\$94	\$85	\$93	-0.68%	-0.63%
	750	\$119	\$128	\$118	\$127	-0.73%	-0.68%
	1,000	\$153	\$162	\$152	\$161	-0.76%	-0.72%
	1,500	\$221	\$230	\$219	\$228	-0.79%	-0.76%
10	1,000	\$153	\$162	\$152	\$161	-0.76%	-0.72%
	2,000	\$289	\$297	\$286	\$295	-0.81%	-0.78%
	3,000	\$424	\$433	\$421	\$429	-0.83%	-0.81%
	4,000	\$542	\$550	\$537	\$546	-0.80%	-0.79%
20	4,000	\$577	\$586	\$573	\$582	-0.76%	-0.75%
	6,000	\$812	\$821	\$806	\$815	-0.75%	-0.74%
	8,000	\$1,048	\$1,056	\$1,040	\$1,048	-0.75%	-0.74%
	10,000	\$1,283	\$1,291	\$1,273	\$1,282	-0.74%	-0.74%
30	9,000	\$1,236	\$1,245	\$1,227	\$1,236	-0.70%	-0.70%
	12,000	\$1,589	\$1,598	\$1,578	\$1,586	-0.71%	-0.71%
	15,000	\$1,942	\$1,950	\$1,928	\$1,936	-0.71%	-0.71%
	18,000	\$2,294	\$2,303	\$2,278	\$2,287	-0.72%	-0.71%

* Net rate including Schedules 91, 92, 290 and 291.

Pacific Power
TAM 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	\$400	\$397	-0.71%
	4,500	\$537	\$533	-0.79%
	7,500	\$810	\$803	-0.87%
31	6,200	\$808	\$802	-0.72%
	9,300	\$1,090	\$1,081	-0.81%
	15,500	\$1,654	\$1,640	-0.88%
40	8,000	\$1,037	\$1,029	-0.73%
	12,000	\$1,401	\$1,390	-0.81%
	20,000	\$2,129	\$2,110	-0.89%
60	12,000	\$1,547	\$1,536	-0.73%
	18,000	\$2,093	\$2,076	-0.81%
	30,000	\$3,186	\$3,158	-0.89%
80	16,000	\$2,051	\$2,036	-0.74%
	24,000	\$2,780	\$2,757	-0.81%
	40,000	\$4,236	\$4,199	-0.89%
100	20,000	\$2,556	\$2,537	-0.74%
	30,000	\$3,466	\$3,438	-0.82%
	50,000	\$5,287	\$5,240	-0.89%
200	40,000	\$5,053	\$5,016	-0.75%
	60,000	\$6,874	\$6,818	-0.82%
	100,000	\$10,516	\$10,421	-0.90%

* Net rate including Schedules 91, 92, 290 and 291.

Pacific Power
TAM 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	\$498	\$493	-1.10%
	6,000	\$627	\$620	-1.17%
	7,500	\$756	\$747	-1.21%
31	9,300	\$1,010	\$999	-1.12%
	12,400	\$1,276	\$1,261	-1.18%
	15,500	\$1,543	\$1,524	-1.22%
40	12,000	\$1,298	\$1,284	-1.13%
	16,000	\$1,642	\$1,622	-1.19%
	20,000	\$1,985	\$1,961	-1.23%
60	18,000	\$1,939	\$1,917	-1.13%
	24,000	\$2,455	\$2,425	-1.19%
	30,000	\$2,970	\$2,933	-1.23%
80	24,000	\$2,575	\$2,546	-1.14%
	32,000	\$3,262	\$3,223	-1.19%
	40,000	\$3,949	\$3,900	-1.23%
100	30,000	\$3,211	\$3,175	-1.14%
	40,000	\$4,070	\$4,021	-1.20%
	50,000	\$4,929	\$4,868	-1.24%
200	60,000	\$6,371	\$6,298	-1.15%
	80,000	\$8,088	\$7,991	-1.20%
	100,000	\$9,805	\$9,684	-1.24%

* Net rate including Schedules 91, 92, 290 and 291.

Pacific Power
TAM 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	\$3,004	\$2,988	-0.54%
	30,000	\$3,677	\$3,652	-0.66%
	50,000	\$5,022	\$4,981	-0.81%
200	40,000	\$5,565	\$5,533	-0.58%
	60,000	\$6,911	\$6,862	-0.71%
	100,000	\$9,601	\$9,520	-0.85%
300	60,000	\$8,284	\$8,235	-0.59%
	90,000	\$10,302	\$10,229	-0.71%
	150,000	\$14,338	\$14,216	-0.85%
400	80,000	\$10,889	\$10,824	-0.60%
	120,000	\$13,580	\$13,482	-0.72%
	200,000	\$18,961	\$18,799	-0.86%
500	100,000	\$13,526	\$13,445	-0.60%
	150,000	\$16,890	\$16,768	-0.72%
	250,000	\$23,617	\$23,414	-0.86%
600	120,000	\$16,164	\$16,066	-0.60%
	180,000	\$20,200	\$20,054	-0.72%
	300,000	\$28,272	\$28,028	-0.86%
800	160,000	\$21,439	\$21,309	-0.61%
	240,000	\$26,820	\$26,625	-0.73%
	400,000	\$37,583	\$37,258	-0.86%
1000	200,000	\$26,714	\$26,551	-0.61%
	300,000	\$33,440	\$33,197	-0.73%
	500,000	\$46,894	\$46,488	-0.87%

* Net rate including Schedules 91, 92, 290 and 291.

Pacific Power
TAM 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	\$3,630	\$3,578	-1.43%
	40,000	\$4,298	\$4,229	-1.61%
	50,000	\$4,967	\$4,880	-1.74%
200	60,000	\$6,845	\$6,741	-1.51%
	80,000	\$8,181	\$8,043	-1.69%
	100,000	\$9,518	\$9,346	-1.81%
300	90,000	\$10,202	\$10,046	-1.52%
	120,000	\$12,207	\$12,000	-1.70%
	150,000	\$14,212	\$13,953	-1.82%
400	120,000	\$13,486	\$13,279	-1.54%
	160,000	\$16,159	\$15,883	-1.71%
	200,000	\$18,832	\$18,487	-1.83%
500	150,000	\$16,771	\$16,513	-1.54%
	200,000	\$20,113	\$19,768	-1.72%
	250,000	\$23,455	\$23,023	-1.84%
600	180,000	\$20,057	\$19,747	-1.55%
	240,000	\$24,067	\$23,653	-1.72%
	300,000	\$28,077	\$27,560	-1.84%
800	240,000	\$26,629	\$26,215	-1.56%
	320,000	\$31,976	\$31,424	-1.73%
	400,000	\$37,322	\$36,632	-1.85%
1000	300,000	\$33,201	\$32,683	-1.56%
	400,000	\$39,884	\$39,194	-1.73%
	500,000	\$46,567	\$45,705	-1.85%

* Net rate including Schedules 91, 92, 290 and 291.

Pacific Power
TAM Monthly 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	
		Monthly Bill	Annual Load Size Charge	Monthly Bill	Annual Load Size Charge	Monthly Bill	Annual Load Size Charge
<u>Single Phase</u>							
10	2,000	\$233	\$174	\$231	\$174	-1.00%	0.00%
	3,000	\$350	\$174	\$346	\$174	-1.00%	0.00%
	5,000	\$583	\$174	\$577	\$174	-1.00%	0.00%
<u>Three Phase</u>							
20	4,000	\$466	\$347	\$462	\$347	-1.00%	0.00%
	6,000	\$700	\$347	\$693	\$347	-1.00%	0.00%
	10,000	\$1,166	\$347	\$1,155	\$347	-1.00%	0.00%
100	20,000	\$2,332	\$1,604	\$2,309	\$1,604	-1.00%	0.00%
	30,000	\$3,499	\$1,604	\$3,464	\$1,604	-1.00%	0.00%
	50,000	\$5,831	\$1,604	\$5,773	\$1,604	-1.00%	0.00%
300	60,000	\$6,997	\$3,979	\$6,927	\$3,979	-1.00%	0.00%
	90,000	\$10,496	\$3,979	\$10,391	\$3,979	-1.00%	0.00%
	150,000	\$17,493	\$3,979	\$17,318	\$3,979	-1.00%	0.00%

* Net rate including Schedules 91, 92, 98, 290 and 291.

Pacific Power
TAM Monthly 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	
		Monthly Bill	Annual Load Size Charge	Monthly Bill	Annual Load Size Charge	Monthly Bill	Annual Load Size Charge
<u>Single Phase</u>							
10	3,000	\$344	\$172	\$341	\$172	-0.99%	0.00%
	4,000	\$459	\$172	\$454	\$172	-0.99%	0.00%
	5,000	\$573	\$172	\$568	\$172	-0.99%	0.00%
<u>Three Phase</u>							
20	6,000	\$688	\$343	\$681	\$343	-0.99%	0.00%
	8,000	\$917	\$343	\$908	\$343	-0.99%	0.00%
	10,000	\$1,147	\$343	\$1,135	\$343	-0.99%	0.00%
100	30,000	\$3,440	\$1,573	\$3,406	\$1,573	-0.99%	0.00%
	40,000	\$4,587	\$1,573	\$4,542	\$1,573	-0.99%	0.00%
	50,000	\$5,734	\$1,573	\$5,677	\$1,573	-0.99%	0.00%
300	90,000	\$10,321	\$3,908	\$10,219	\$3,908	-0.99%	0.00%
	120,000	\$13,762	\$3,908	\$13,625	\$3,908	-0.99%	0.00%
	150,000	\$17,202	\$3,908	\$17,031	\$3,908	-0.99%	0.00%

* Net rate including Schedules 91, 92, 98, 290 and 291.

Pacific Power
TAM 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	\$32,764	\$32,354	-1.25%
	500,000	\$47,055	\$46,372	-1.45%
	700,000	\$61,346	\$60,390	-1.56%
2,000	600,000	\$64,939	\$64,120	-1.26%
	1,000,000	\$91,729	\$90,334	-1.52%
	1,400,000	\$119,203	\$117,249	-1.64%
6,000	1,800,000	\$180,421	\$177,909	-1.39%
	3,000,000	\$262,842	\$258,655	-1.59%
	4,200,000	\$345,263	\$339,402	-1.70%
12,000	3,600,000	\$358,683	\$353,659	-1.40%
	6,000,000	\$523,145	\$514,772	-1.60%
	8,400,000	\$687,075	\$675,352	-1.71%

Notes:

On-Peak kWh	38.20%
Off-Peak kWh	61.80%

* Net rate including Schedules 91, 92, 290 and 291. Restricted Sch 291 applied to levels over 730,000 kWh.

Pacific Power
TAM 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	\$31,058	\$30,731	-1.05%
	500,000	\$45,050	\$44,505	-1.21%
	700,000	\$59,043	\$58,280	-1.29%
2,000	600,000	\$61,537	\$60,883	-1.06%
	1,000,000	\$87,643	\$86,529	-1.27%
	1,400,000	\$114,507	\$112,947	-1.36%
6,000	1,800,000	\$176,526	\$174,521	-1.14%
	3,000,000	\$257,117	\$253,775	-1.30%
	4,200,000	\$337,708	\$333,030	-1.39%
12,000	3,600,000	\$350,923	\$346,913	-1.14%
	6,000,000	\$511,725	\$505,043	-1.31%
	8,400,000	\$671,996	\$662,640	-1.39%

Notes:

On-Peak kWh	37.89%
Off-Peak kWh	62.11%

* Net rate including Schedules 91, 92, 290 and 291. Restricted Sch 291 applied to levels over 730,000 kWh.

Pacific Power
TAM 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	\$42,973	\$42,135	-1.95%
	700,000	\$56,452	\$55,278	-2.08%
2,000	1,000,000	\$83,253	\$81,540	-2.06%
	1,400,000	\$109,067	\$106,668	-2.20%
6,000	3,000,000	\$247,194	\$242,054	-2.08%
	4,200,000	\$324,634	\$317,437	-2.22%
12,000	6,000,000	\$491,621	\$481,340	-2.09%
	8,400,000	\$645,588	\$631,195	-2.23%

Notes:

On-Peak kWh 37.47%
Off-Peak kWh 62.53%

* Net rate including Schedules 91, 92, 290 and 291. Restricted Sch 291 applied to levels over 730,000 kWh.