

Application No. 23-09-____
Exhibit No. PAC/700
Witness: Judith M. Ridenour

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Direct Testimony of Judith M. Ridenour
Rate Spread and Rate Design

September 2023

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ATTACHED EXHIBITS

Exhibit PAC/701 – Calculation of Proposed ECAC Adjustment Rates

Exhibit PAC/702 – Proposed ECAC-94 Tariff Change

Confidential Exhibit PAC/703 – GHG Allowance Costs to be Recovered in Rates

Exhibit PAC/704 – GHG Allowance Revenue to be Distributed Through the California
Climate Credit

Exhibit PAC/705 – Calculation of Proposed GHG Allowance Costs Surcharge and California
Climate Credit Rates

Confidential Exhibit PAC/706 – Commission Template D-1 – Annual Allowance Revenue
Receipts and Customer Returns

Exhibit PAC/707 – Effects of Proposed Rate Change Distributed by Rate Schedule

Exhibit PAC/708 – Essential Usage and Average Usage Bills, Affordability Ratios and Hours
at Minimum Wage by Climate Zone

1 **I. INTRODUCTION AND QUALIFICATIONS**

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

4 A. My name is Judith M. Ridenour. My business address is 825 NE Multnomah Street,
5 Suite 2000, Portland, Oregon 97232. My present position is Specialist, Pricing & Cost
6 of Service, in the Regulation Department.

7 **Q. Briefly describe your education and professional background.**

8 A. I hold a Bachelor of Arts degree in Mathematics from Reed College. I joined the
9 Company in the Regulation Department in October 2000.

10 **Q. Please describe your current duties.**

11 A. I am responsible for the preparation of rate spread and rate design used in retail price
12 filings and related analyses. Since 2001, with levels of increasing responsibility, I
13 have analyzed and implemented rate spread and rate design proposals throughout the
14 Company's six-state service territory. I have presented testimony on behalf of the
15 Company in California and Oregon.

16 **II. PURPOSE OF TESTIMONY**

17 **Q. Please summarize your direct testimony.**

18 A. I present the proposed rate spread and rate design for the Company's Energy Cost
19 Adjustment Clause (ECAC) rate schedule, greenhouse gas (GHG) allowance cost
20 recovery rate schedule and for the California Climate Credit rate schedule.

21 The proposed ECAC rate spread and rate design are consistent with the
22 methodology first implemented in the Company's 2005 general rate case and used in

1 the Company's previous ECAC filings.¹ The proposed GHG rate spread and rate
2 design are consistent with Decisions (D.)12-12-033, D.13-12-002, D.13-12-003 and
3 D.21-08-026 which set forth the Commission's methodologies for collecting GHG
4 allowance costs and distributing GHG allowance revenues to customers. The GHG
5 proposed rate spread and rate design are also consistent with previous ECAC filings.
6 The proposed rate spreads and rate designs are based on the 2019 forecast test year,
7 consistent with the Company's most recent approved general rate case.²

8 The estimated combined effect of the proposed ECAC and GHG cost recovery
9 rates is summarized in the following table:

Customer Class	Proposed Price Change	
	Dollars	Percent (%)
Residential	\$14,806,000	23.3%
Commercial/Industrial	\$11,579,000	27.6%
Irrigation	\$3,843,000	25.6%
Lighting	\$110,000	13.5%
Overall	\$30,338,000	25.0%

10 The table above does not reflect the California Climate Credit. The proposed
11 semi-annual residential and small business California Climate Credit for 2024 is
12 \$174.25.

13 I also present the Affordability Metrics required by Decision (D.) 22-08-023.
14 As indicated below, the expected rate increase from this ECAC filing exceeds the one
15 percent threshold thereby requiring the Company to present Affordability Metrics,
16 and PacifiCorp's affordability metrics are discussed in Exhibit PAC/708 shows the

¹ Application (A.) 05-11-022, Decision (D.) 06-12-011.

² A.18-04-002.

1 Affordability Metrics.

2 **III. ECAC ADJUSTMENT RATES**

3 **Q. Please explain the Deferred ECAC adjustment rates.**

4 A. The Deferred ECAC adjustment rates are rates by rate schedule that are calculated
5 based on the Balancing Rate. Deferred ECAC rates for residential, small general
6 service under 20 kilowatts (kW), and lighting schedules are energy-based rates, and
7 Deferred ECAC rates for the general service 20 kW and above and irrigation rate
8 schedules consist of both a demand-based rate and an energy-based rate.

9 **Q. What is the proposed Balancing Rate in this case?**

10 A. As discussed in the direct testimony of Company witness Jack Painter, the proposed
11 Balancing Rate is \$29.97 per megawatt-hour (MWh) or 2.997 cents per kilowatt-hour
12 (kWh).

13 **Q. Have you prepared an exhibit showing the calculation of the proposed Deferred
14 ECAC adjustment rates under the Company's proposal?**

15 A. Yes. Exhibit PAC/701 shows the calculation of the proposed demand- and energy-
16 based Deferred ECAC adjustment rates by rate schedule in rows 14 through 21.

17 **Q. Please explain how the proposed Deferred ECAC adjustment rates by rate
18 schedule are calculated.**

19 A. The Deferred ECAC adjustment rates were calculated using the Balancing Rate for
20 calendar year 2024. This is consistent with the methodology first implemented in the
21 Company's 2005 general rate case and used in the Company's previous ECAC
22 filings.³ The proposed Deferred ECAC rates by rate schedule are derived by first

³ A.05-11-022, D.06-12-011.

1 multiplying the proposed Balancing Rate by the total forecast kilowatt-hours (kWh)
2 for each schedule. Those revenues are allocated between demand and energy,
3 consistent with the June 2017 Results of Operations from the Company's most recent
4 approved general rate case.⁴ Finally, demand and energy rates for each rate schedule
5 are calculated by dividing the appropriate revenue for each function by its
6 corresponding billing quantities, adjusted to account for tariff discounts.

7 **Q. Please explain the Projected ECAC adjustment rates.**

8 A. The Projected ECAC adjustment rates are rates by rate schedule that are calculated
9 based on the Offset Rate. Projected ECAC rates for residential, small general service
10 under 20 kW (kilowatts), and lighting schedules are energy-based rates. Projected
11 ECAC rates for the general service 20 kW and above and irrigation rate schedules
12 consist of both a demand-based rate and an energy-based rate.

13 **Q. What is the proposed Offset Rate in this case?**

14 A. As discussed in the direct testimony of Mr. Painter, the proposed Offset rate is \$48.14
15 per MWh or 4.814 cents per kWh.

16 **Q. Have you prepared an exhibit showing the calculation of the proposed Projected
17 ECAC adjustment rates under the Company's proposal?**

18 A. Yes. Exhibit PAC/701 shows the calculation of the proposed demand- and energy-
19 based Projected ECAC adjustment rates by rate schedule in rows 22 through 29.

20 **Q. Please explain how the proposed Projected ECAC adjustment rates by rate
21 schedule are calculated.**

22 A. The Projected ECAC adjustment rates were calculated using the Offset Rate for

⁴ A.18-04-002.

1 calendar year 2024. This is consistent with the methodology first implemented in the
2 Company's 2005 general rate case and used in the Company's previous ECAC
3 filings.⁵ The proposed Projected ECAC rates by rate schedule are derived by first
4 multiplying the proposed Offset Rate by the total forecast kWh for each schedule.
5 Those revenues are allocated between demand and energy, consistent with the
6 June 2017 Results of Operations from the Company's most recent approved general
7 rate case.⁶ Finally, demand and energy rates for each rate schedule are calculated by
8 dividing the appropriate revenue for each function by its corresponding billing
9 quantities, adjusted to account for tariff discounts.

10 **Q. Please describe Exhibit PAC/702.**

11 A. Exhibit PAC/702 shows proposed revisions to the Company's ECAC-94 tariff. The
12 language in the tariff has been updated to add language indicating recovery through
13 the ECAC of certain costs from FERC Account 509 as explained in the direct
14 testimony of Mr. Painter.

15 IV. COLLECTION OF GHG ALLOWANCE COSTS

16 **Q. What is the total amount of GHG allowance costs to be recovered in rates in**
17 **2024?**

18 A. The total amount of GHG allowance costs to be recovered in rates in 2024 is
19 \$16,014,608 as shown in Confidential Exhibit PAC/703, line six. This amount
20 consists of the forecast 2024 costs, plus a true up related to actual costs for prior
21 years. The amount has been adjusted to account for franchise fees and uncollectibles
22 at the Company's current factor. The amounts in Confidential Exhibit PAC/703

⁵ A.05-11-022, D.06-12-011.

⁶ A.18-04-002.

1 which make up the GHG allowance costs reference the exhibits of other Company
2 witnesses sponsoring those amounts.

3 **Q. How does the Company propose to collect GHG allowance costs from**
4 **customers?**

5 A. The Company proposes to continue to collect GHG allowance costs through energy-
6 based adjustment rates in Schedule GHG-92, Surcharge to Recover Greenhouse Gas
7 Carbon Pollution Permit Cost (GHG Surcharge) which was first implemented in 2014
8 to collect GHG allowance costs. Consistent with the approved rate spread in the
9 Company's previous GHG proceedings, the Company proposes a rate spread
10 allocated on total present base revenues including net power costs. The GHG
11 allowance costs rate spread and rate design are consistent with D.12-12-033, D.13-12-
12 002 and D.13-12-003, which set forth the Commission's methodologies for collecting
13 GHG allowance costs and distributing GHG allowance revenues to customers.

14 **Q. Have you prepared an exhibit which shows the proposed rates for the GHG**
15 **Surcharge?**

16 A. Yes. Exhibit PAC/705 shows the calculation of proposed rates for the GHG
17 Surcharge. Columns 6 and 7 in the exhibit show the rate spread amongst the customer
18 rate schedules and column 8 shows the proposed surcharge rates.

19 **V. DISTRIBUTION OF GHG ALLOWANCE REVENUES**

20 **Q. What is the total amount of GHG allowance revenues, net of expenses, to be**
21 **distributed to eligible customers through the California Climate Credit in 2024?**

22 A. The total amount to be distributed to eligible customers through the California
23 Climate Credit in 2024 is \$15,397,367 as shown in Exhibit PAC/704, line 12. This

1 amount consists of the forecast 2024 revenues offset by the forecast 2024
2 administrative and outreach costs for the Cap and Trade program, plus a true up
3 related to actual revenues and administrative and outreach costs for previous years,
4 and, consistent with D.17-12-022 and D.20-04-012, an allowance revenue set aside
5 for the Solar on Multifamily Affordable Housing Program. The amounts have been
6 adjusted to account for franchise fees and uncollectibles at the Company's current
7 factor. The amounts in Exhibit PAC/704 are referenced in the testimony and exhibits
8 of other Company witnesses sponsoring those amounts.⁷

9 **Q. Which customers are eligible to receive a portion of the GHG allowance**
10 **revenues?**

11 A. As ordered in D.12-12-033, three types of customers are eligible to receive a portion
12 of the GHG allowance revenues: Energy-Intensive Trade-Exposed entities (EITE),
13 Residential customers and Small Business customers. For PacifiCorp, Small
14 Business customers are defined in D.13-12-003 as all customers served under
15 Schedule A-25, General Service Less than 20kW, and customers served under
16 Schedule PA-20, Agricultural Pumping Service, with demand which has not exceeded
17 20 kW in more than three months within a 12-month period.

18 **Q. Does PacifiCorp have any EITE customers?**

19 A. No. PacifiCorp is not aware of any EITE entities eligible to receive GHG allowance
20 revenue in its service territory; therefore the total allowance revenue estimated for
21 distribution to EITE customers is \$0.

22 **Q. What methodology is used to distribute the GHG allowance revenues to eligible**

⁷ See 'Source' column of Exhibit PAC/704.

1 **customers?**

2 A. In D.12-12-033, the Commission set forth the initial methodology for utilities to
3 distribute GHG allowance revenues to customers as an on-bill credit called the
4 California Climate Credit. The credit goes to eligible EITE, Small Business, and
5 Residential customers. As mentioned above, PacifiCorp currently has no EITE
6 customers to receive the credit. In D.21-08-026, the Commission directed utilities to
7 distribute both the Residential credit and the Small Business credit to customers on a
8 semi-annual basis through a per-customer credit.

9 **Q. Have you prepared an exhibit which shows the proposed rates for the California**
10 **Climate Credit?**

11 A. Yes. The calculation of the proposed California Climate Credit rates is shown
12 alongside the calculation of the GHG Surcharge rates in Exhibit PAC/705. Column
13 10 in the exhibit shows the proposed California Climate Credit rates and column 11
14 shows in dollars the total credit for each eligible customer type.

15 **Q. What is the proposed semi-annual, per-customer Residential and Small Business**
16 **bill credit and what are the total amounts to be distributed to Residential and**
17 **Small Business customers for the year?**

18 A. The proposed semi-annual, per-customer Residential and Small Business California
19 Climate Credit is \$174.25. The proposed credits will be distributed to eligible
20 customers in April and October 2024 as required by D.13-12-003 and D.21-08-026,
21 resulting in a total per-customer distribution of \$348.50 for the year.⁸ The proposed

⁸ Including Small Business Customers on tariff Schedules A-25 and PA-20 and Residential customers on tariff Schedules D, DL-6, DS-8, and DM-9. Eligible customers are defined as customers with an

1 semi-annual credit is approximately \$94 less than the 2023 semi-annual credit. The
2 total amount of the proposed California Climate Credit to be distributed in Residential
3 customers in 2024 is \$12,563,056. The total amount of the proposed California
4 Climate Credit to be distributed to Small Business customers in 2024 is \$2,834,310.

5 **Q. Please explain Confidential Exhibit PAC/706.**

6 A. Confidential Exhibit PAC/706 is the Commission Template D-1, Annual Allowance
7 Revenue Receipts and Customer Returns, adopted in D.14-10-033 and modified in
8 D.21-08-026. The table summarizes forecast and recorded annual amounts related to
9 GHG allowance revenues. The Company witness supporting each section of the table
10 is shown in the exhibit.

11 **VI. RATE IMPACTS**

12 **Q. What is the impact of the proposed changes to the ECAC rates?**

13 A. The impact of the proposed change to the ECAC Balancing Rate is a rate increase of
14 approximately \$23.4 million over the amount collected through present rates. The
15 impact of the proposed change to the ECAC Offset Rate is a rate increase of
16 approximately \$12.6 million from the amount collected through present rates.

17 **Q. What is the impact of the proposed changes to the GHG Surcharge rates?**

18 A. The impact of the proposed changes to the GHG Surcharge rates is a rate decrease of
19 approximately \$5.6 million.

20 **Q. What are the overall combined effects of the Company's proposed ECAC and**
21 **GHG allowance costs rate change?**

active account receiving electrical service under an eligible tariff schedule from PacifiCorp at the time the California Climate Credit is distributed. The submetered systems of master metered customers are also eligible to receive the semi-annual California Climate Credit.

1 A. The overall effects of the proposed ECAC and GHG allowance costs rate change
 2 from rates presently in effect are shown in Exhibit PAC/707 and are summarized in
 3 the following table. These rate impacts do not include the effects of the California
 4 Climate Credit.

Customer Class	Proposed Price Change	
	Dollars	Percent (%)
Residential	\$14,806,000	23.3%
Commercial/Industrial	\$11,579,000	27.6%
Irrigation	\$3,843,000	25.6%
Lighting	\$110,000	13.5%
Overall	\$30,338,000	25.0%

5 **Q. Please describe Exhibit PAC/707.**

6 A. Exhibit PAC/707 shows the effects of the Company's proposed combined ECAC and
 7 GHG cost recovery rate change by rate schedule. Columns 5 through 9 show present
 8 revenues. Present base revenues are shown in column 5. Present Projected ECAC
 9 revenues are shown in column 6. Column 7 adds columns 5 and 6 for total present
 10 base revenues including Projected ECAC. The adders in column 8 include revenues
 11 for adjustment schedules that are not a part of base revenues including the present
 12 Deferred ECAC and present GHG Surcharge. Column 9 adds columns 7 and 8 to
 13 show present revenues net of adders. Pass through adjustments such as the Surcharge
 14 to Fund Residential California Alternative Rates for Energy (CARE), CARE
 15 discounts, and the California Climate Credit are excluded from revenues in this table.

16 Similarly, for proposed revenues, columns 10 through 14 show the base
 17 proposed revenues, proposed Projected ECAC revenues, proposed total base revenues
 18 with Projected ECAC, proposed adders including the proposed Deferred ECAC and
 19 proposed GHG Surcharge, and proposed net revenues. The proposed base rate change

1 in dollars and percentage is shown by rate schedule in columns 15 and 16. The
2 proposed net rate change in dollars and percentage is shown by rate schedule in
3 columns 17 and 18.

4 **VI. AFFORDABILITY METRICS**

5 **Q. Please describe the Affordability Metrics.**

6 A. Pursuant to Ordering Paragraphs 5 and 6 of D.22-08-023, as of September 2022,
7 PacifiCorp is required to submit Affordability Metrics for present and proposed
8 revenues in any initial filing in any proceeding with a revenue increase estimated to
9 exceed one percent of present revenues.

10 **Q. Does this application meet the threshold requiring the filing of Affordability**
11 **Metrics?**

12 A. Yes. The expected rate increase from this ECAC filing exceeds the one percent
13 threshold thereby requiring the Company to present Affordability Metrics.

14 **Q. Have you prepared an exhibit which shows the required metrics?**

15 A. Yes. Exhibit PAC/708 shows the Affordability Metrics.

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

17 A. Yes.

Application No. 23-09-____
Exhibit No. PAC/701
Witness: Judith M. Ridenour

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Calculation of Proposed ECAC Adjustment Rates

September 2023

**Exhibit PAC/701
PACIFICORP
STATE OF CALIFORNIA
CALCULATION OF PROPOSED ECAC ADJUSTMENT RATES**

California Results of Operations June 2017
Net Power Costs
FERC Account Basis for Allocation of ECAC

Line No.	FERC ACCT	Description	PITA Factor	CALIFORNIA Normalized ¹	Production	Transmission	Demand %	Production Demand	Production Energy	Transmission Demand	Transmission Energy
1	447	Revenue Credits									
		Sales for Resale	SG	\$3,066,538	\$3,066,538	\$0	75%	\$2,299,903	\$766,634	\$0	\$0
		Expenses									
2	501	Fuel Related	SE	\$11,495,032	\$11,495,032	\$0	0%	\$0	\$11,495,032	\$0	\$0
3	503	Steam From Other Sources	SE	\$68,933	\$68,933	\$0	0%	\$0	\$68,933	\$0	\$0
4	547	Fuel	SE	\$3,461,054	\$3,461,054	\$0	0%	\$0	\$3,461,054	\$0	\$0
5	555	Purchased Power	SG	\$8,342,037	\$8,342,037	\$0	75%	\$6,256,528	\$2,085,509	\$0	\$0
6	555	Purchased Power	SE	\$114,887	\$114,887	\$0	0%	\$0	\$114,887	\$0	\$0
7	555	Purchased Power	SSGC	\$0	\$0	\$0	75%	\$0	\$0	\$0	\$0
8	565	Transmission of Electricity by Others	SG	\$2,036,319	\$0	\$2,036,319	75%	\$0	\$0	\$1,527,239	\$509,080
9	565	Transmission of Electricity by Others	SE	\$36,804	\$0	\$36,804	0%	\$0	\$0	\$0	\$36,804
10		Total NPC Accounts		\$22,488,528	\$20,415,405	\$2,073,123		\$3,956,625	\$16,458,780	\$1,527,239	\$545,884
11		Total NPC Factors						18%	73%	7%	2%

CALCULATION OF ECAC ADJUSTMENT RATES

12 **Balancing Rate:** 2.997 ¢/kWh
13 **Offset Rate:** 4.814 ¢/kWh

Class / Schedule	Description	Forecast 2019 KWH (1)	Balancing Rate (2)	Total Deferred Revenues (3) (1)x(2)	Deferred Revenues by ECAC Factor				Effective kW' (8)	Effective kWh' (9)	Deferred ECAC	
					Production Demand	Production Energy	Transmission Demand	Transmission Energy			Rate per kW (10)	Rate per kWh (11)
					(4)	(5)	(6)	(7)			[(4)+(6)]/(8)	[(5)+(7)]/(9) ²
14	D/DS-8/DM-9 Residential Service	369,549,678	\$0.02997	\$11,075,404	\$1,948,603	\$8,105,806	\$752,152	\$268,843		369,233,274	3.000 ¢	
15	A-25 Small General Service - < 20 kW	51,917,789	\$0.02997	\$1,555,976	\$273,758	\$1,138,779	\$105,669	\$37,770		51,916,281	2.997 ¢	
16	A-32 Small General Service - 20 kW & Over	67,115,094	\$0.02997	\$2,011,439	\$353,892	\$1,472,121	\$136,601	\$48,825	345,240	67,113,000	\$1.42	
17	A-36 Large General Service - 100 kW & Over	80,107,394	\$0.02997	\$2,400,819	\$422,399	\$1,757,098	\$163,044	\$58,277	196,263	80,095,236	\$2.98	
18	AT-48 Large General Service - 500 kW & Over	81,372,934	\$0.02997	\$2,438,747	\$429,072	\$1,784,857	\$165,620	\$59,198	208,998	81,121,286	\$2.85	
19	PA-20 Agricultural Pumping Service	94,292,504	\$0.02997	\$2,825,946	\$497,196	\$2,068,238	\$191,915	\$68,597	420,637	94,292,504	\$1.64	
20	Total Lighting	3,104,619	\$0.02997	\$93,045	\$16,370	\$68,098	\$6,319	\$2,259		3,104,619	2.997 ¢	
21	Total	747,460,012		\$22,401,377	\$3,941,291	\$16,394,996	\$1,521,320	\$543,768	1,171,138	746,876,199		

Class / Schedule	Description	Forecast 2019 KWH (1)	Offset Rate (2)	Total Projected Revenues (3) (1)x(2)	Projected Revenues by ECAC Factor				Effective kW' (8)	Effective kWh' (9)	Projected ECAC	
					Production Demand	Production Energy	Transmission Demand	Transmission Energy			Rate per kW (10)	Rate per kWh (11)
					(4)	(5)	(6)	(7)			[(4)+(6)]/(8)	[(5)+(7)]/(9) ²
22	D/DS-8/DM-9 Residential Service	369,549,678	\$0.04814	\$17,790,121	\$3,129,988	\$13,020,136	\$1,208,161	\$431,835		369,233,274	4.814 ¢	
23	A-25 Small General Service - < 20 kW	51,917,789	\$0.04814	\$2,499,322	\$439,730	\$1,829,190	\$169,734	\$60,668		51,916,281	4.814 ¢	
24	A-32 Small General Service - 20 kW & Over	67,115,094	\$0.04814	\$3,230,921	\$598,447	\$2,364,628	\$219,418	\$78,427	345,240	67,113,000	\$2.28	
25	A-36 Large General Service - 100 kW & Over	80,107,394	\$0.04814	\$3,856,370	\$678,489	\$2,822,379	\$261,893	\$93,600	196,263	80,095,236	\$4.79	
26	AT-48 Large General Service - 500 kW & Over	81,372,934	\$0.04814	\$3,917,293	\$689,207	\$2,866,967	\$266,031	\$95,088	208,998	81,121,286	\$4.57	
27	PA-20 Agricultural Pumping Service	94,292,504	\$0.04814	\$4,539,241	\$798,633	\$3,322,155	\$308,269	\$110,185	420,637	94,292,504	\$2.63	
28	Total Lighting	3,104,619	\$0.04814	\$149,456	\$26,295	\$109,383	\$10,150	\$3,628		3,104,619	4.814 ¢	
29	Total	747,460,012		\$35,982,725	\$6,330,789	\$26,334,839	\$2,443,656	\$873,441	1,171,138	746,876,199		

Total ECAC Adjustment Deferred plus Projected	
Demand Rate per kW (12)	Energy Rate per kWh (13)
Sum of (10)	Sum of (11)
\$3.70	\$7.811 ¢
\$4.27	\$7.811 ¢

Notes:
1 Billing determinants adjusted for primary discounts, employee discounts and easement discounts.
2 Energy rates for all schedules not billed on demand are designed to collect the total ECAC revenues for that schedule.

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BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Proposed ECAC-94 Tariff Change

September 2023

SCHEDULE ECAC-94

ENERGY COST ADJUSTMENT CLAUSE TARIFF RATE RIDER
(Continued)

DEFINITIONS: (Continued)

Adjusted Actual NPC is the sum of the total Company amounts recorded in Account Numbers: 501, 503, 509 and 547 (Steam Production-Fuel Expense) for (C) coal, steam and natural gas purchased and or sold; 555 (Purchased Power), 565 (Wheeling); and 447 (Sales for Resale). Adjustments will be made to these accounts so adjusted actual costs are consistent with costs modeled in the Company's production cost model, to remove prior period accounting entries made during the accrual period, and to include Commission-adopted adjustments from the most recent general rate case.

Adjusted Actual/Projected NPC is the combination of Adjusted Actual NPC for the portion of the Balancing Period for which Adjusted Actual NPC has been recorded and the Projected NPC for the remainder of the Balancing Period (this remainder is the Intermediate Period).

ECAC Balancing Rate is the Balancing Period's California allocated share of the difference between prior ECACs' Projected NPC and Adjusted Actual/Projected NPC plus Other Costs for Recovery all adjusted by California actual sales, divided by California projected sales and adjusted for the ECAC Billing Factor.

BASIS OF RATES

Projected NPC, Other Costs for Recovery and Adjusted Actual NPC will be collected from customers through the Projected ECAC and Deferred ECAC Rates as presented below under Monthly Billing. Projected ECAC rates are demand and energy rates by rate schedule developed based on the ECAC Offset Rate and functionalized demand and energy cost allocation. Deferred ECAC rates are demand and energy rates by rate schedule developed based on the ECAC Balancing Rate and functionalized demand and energy cost allocation.

TIMING

The Company shall file normally scheduled Total ECAC Adjustment applications with the Commission on or before August 1st of each year. The implementation and effective date of Total ECAC Adjustments shall be January 1st of each year, unless otherwise ordered by the Commission.

MONTHLY BILLING

All charges and provisions of the applicable rate schedule will be applied in determining a customer's bill except that the Customer's total electric bill will be adjusted by an amount equal to the product of all kilowatt demand multiplied by the following dollar per kilowatt rate plus all kilowatt-hours of use multiplied by the following cents per kilowatt-hour rate:

(Continued)

Issued by

Advice Letter No. _____ Matthew McVee Date Filed _____
Name
Decision No. _____ VP, Regulation Effective _____
Title

Application No. 23-09-____
Exhibit No. PAC/703
Witness: Judith M. Ridenour

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

GHG Allowance Costs to be Recovered in Rates

[PUBLIC VERSION]

September 2023

CONFIDENTIAL
Exhibit PAC/703
PACIFICORP
STATE OF CALIFORNIA
GHG Allowance Costs to be Recovered in Rates
September 15, 2023

Line No.	Description	Forecast	Source
1	GHG Allowance Costs		
2	2024		Confidential Exhibit PAC/402
3	Gross up for Franchise Fees and Uncollectibles Expense ⁽¹⁾		
4	Subtotal Recorded/Forecast Costs		
5	Greenhouse Gas Allowance Costs Sub-balancing Account Under / (Over) Collection		Confidential Exhibit PAC/403
6	GHG Allowance Costs to be Recovered in Rates	<u>\$ 16,014,608</u>	line 4 + line 5

(1)Factor of 97.977602%

CONFIDENTIAL INFORMATION SHADED IN GRAY

Application No. 23-09-____
Exhibit No. PAC/704
Witness: Judith M. Ridenour

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

GHG Allowance Revenue to be Distributed Through the California Climate Credit

September 2023

Exhibit PAC/704
PACIFICORP
STATE OF CALIFORNIA
GHG Allowance Revenue to be Distributed Through the California Climate Credit

Line No.	Description	Forecast for Climate Credit	Source
1	GHG Allowance Revenues		
2	2024	\$ (18,628,478)	Exhibit PAC/409
3	Gross up for Franchise Fees and Uncollectibles Expense ⁽¹⁾	\$ (376,742)	
4	Subtotal Recorded/Forecast Revenues	\$ (19,005,220)	
5	Greenhouse Gas Allowance Revenue Balancing Account (Under) / Over	\$ 1,658,287	Exhibit PAC/408
6	Forecast Expenses - 2024		
7	GHG Outreach and Education Costs	\$ 80,000	Exhibit PAC/503
8	GHG Administrative Costs	\$ 5,000	Exhibit PAC/602
9	Gross up for Franchise Fees and Uncollectibles Expense ⁽¹⁾	\$ 1,719	
10	Subtotal Forecast Expenses	\$ 86,719	
11	Allowance Revenue Approved for Clean Energy or Energy Efficiency Programs ⁽²⁾	\$ 1,862,848	Line 2 * 10%
12	Net GHG Allowance Revenues Available for Return	\$ (15,397,367)	Line 4 + Line 5 + Line 10 + Line 11
<hr/>			
13	Summary of California Climate Credit Distribution		
14	EITE Customer Distribution	\$ -	
15	Total Revenue Available for Climate Credit	\$ (15,397,367)	Line 12 - Line 14
16	Estimated Number of Residential Customers Eligible for Climate Credit	36,049	Exhibit PAC/705
17	Estimated Number of Sm. Business Customers Eligible for Climate Cr.	8,133	Exhibit PAC/705
18	Total Estimated Number of Customers Eligible for Climate Credit	<u>44,182</u>	
19	Semi-Annual Per-Customer Climate Credit	\$ (174.25)	Exhibit PAC/705

(1) Factor of 97.977602%

(2) Commission Decision (D.) 17-12-022 Ordering Paragraph 5 requires PacifiCorp to reserve 10% of the proceeds from the sale of greenhouse gas proceeds for use in the Solar on Multifamily Affordable Housing Program. The set aside started mid-year in 2016 when the company was directed to set aside 5% for half of 2016 and 10% annually thereafter.

Application No. 23-09-____
Exhibit No. PAC/705
Witness: Judith M. Ridenour

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Calculation of Proposed GHG Allowance Costs Surcharge and California Climate Credit Rates

September 2023

**Exhibit PAC/705
PACIFICORP
STATE OF CALIFORNIA
CALCULATION OF PROPOSED GHG ALLOWANCE COSTS SURCHARGE AND CLIMATE CREDIT RATES**

Forecast 12 Months Ending December 2019

Line No.	Description	Sch.	No. of Customers ¹	KWH	Present Revenues	2024 GHG Allowance Costs Surcharge			2024 Climate Credit		
						Cost Allocation	Costs	Rate ¢/kWh	Customer Count	Credit Rate	Revenue Distribution
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Residential											
1	Residential Service	D/DL-6	35,838	368,139,171	\$54,215,067		\$8,362,561				(\$12,489,523)
2	Multi-Family - Master Metered	DM-9	28	166,767	\$23,190		\$3,788				(\$9,758)
3	Multi-Family - Submetered	DS-8	183	1,243,740	\$152,798		\$28,252				(\$63,775)
4	Total Residential		<u>36,049</u>	<u>369,549,678</u>	<u>\$54,391,055</u>	52.40%	<u>\$8,394,601</u>	2.272	36,049	\$ (348.50)	<u>(\$12,563,056)</u>
Commercial & Industrial											
5	General Service - < 20 kW	A-25	7,131	51,917,789	\$9,138,834	8.80%	\$1,410,468	2.717	7,131	\$ (348.50)	(\$2,485,115)
6	General Service - 20 kW & Over	A-32	1,125	67,115,094	\$9,717,476	9.36%	\$1,499,775	2.235			
7	General Service - 100 kW & Over	A-36	191	80,107,394	\$9,408,812	9.06%	\$1,452,136	1.813			
8	Large General Service - 500 kW & Over	AT-48	19	81,372,934	\$7,633,361	7.35%	\$1,178,117	1.448			
9	Agricultural Pumping Service - Under 20 kW	PA-20	1,002	14,833,487	\$12,830,839	12.36%	\$1,980,285	2.100	1,002	\$ (348.50)	(\$349,196)
10	Agricultural Pumping Service - Over 20 kW	PA-20	1,024	79,459,017							
11	Total Commercial & Industrial		<u>10,491</u>	<u>374,805,715</u>	<u>\$48,729,322</u>		<u>\$7,520,781</u>				<u>(\$2,834,310)</u>
Lighting											
12	Outdoor Area Lighting Service	OL-15	760	913,538	\$228,514	0.22%	\$35,268	3.861			
13	Airway & Athletic Lighting	OL-42	36	154,197	\$31,106	0.03%	\$4,801	3.113			
14	Street Lighting, Utility Owned	LS-51	78	845,623	\$247,505	0.24%	\$38,199	4.517			
15	Street Lighting, Cust. Owned Energy Only	LS-53	105	1,138,821	\$172,330	0.17%	\$26,597	2.335			
16	Street Lighting, Customer Owned	LS-58	20	52,440	\$9,438	0.01%	\$1,457	2.778			
17	Total Lighting		<u>999</u>	<u>3,104,619</u>	<u>\$688,893</u>		<u>\$106,322</u>				
18	Total Sales to Ultimate Consumers		<u>47,539</u>	<u>747,460,012</u>	<u>\$103,809,270</u>		<u>\$16,021,705</u>				<u>(\$15,397,367)</u>
19	Total AGA				\$194,473						
20	Total Employee Discount		87	1,249,540	(\$45,729)		(\$7,097)				
21	Total Sales (inc. AGA and Employee Discount)		<u>47,539</u>	<u>747,460,012</u>	<u>\$103,958,014</u>		<u>\$16,014,608</u>		44,182	\$ (348.50)	<u>(\$15,397,367)</u> Annual Amount \$ (174.25) semi-annually, per customer

Notes:

1 Customer counts for Schedules DM-9 and DS-8 adjusted to reflect submeter and tenant counts.

Application No. 23-09-____
Exhibit No. PAC/706
Witness: Judith M. Ridenour

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Commission Template D-1 – Annual Allowance Revenue Receipts and Customer Returns

[PUBLIC VERSION]

September 2023

CONFIDENTIAL
 Exhibit PAC/706
 PACIFICORP
 STATE OF CALIFORNIA
 Commission Template D-1
 Annual Allowance Revenue Receipts and Customer Returns
 September 15, 2023

Line Description	2021		2022		2023		2024		Support
	Forecast	Recorded	Forecast	Recorded	Forecast	Recorded	Forecast	Recorded	
1 Proxy GHG Price (\$/MT)	\$ 16.47	N/A	\$ 19.36	N/A	\$ 32.86	N/A	\$ 35.18		
2 Allocated Allowances (MT)	551,045		550,696		544,824		529,519		Testimony and Exhibits of Z. Shalunyan PAC/400-409
3 Revenues (\$)									
4 Prior Balance	216,521	(270,231)	(2,015,253)	(3,804,227)	(7,218,150)	(6,376,199)	1,658,287		
5 Allowance Revenue	(9,075,711)	(12,114,799)	(10,661,475)	(15,563,147)	(17,902,917)	(16,766,596)	(18,628,478)		
6 Interest		(3,225)		(214,109)		(468,351)			
7 Franchise Fees and Uncollectibles	(183,547)	(245,075)	(215,617)	(319,079)	(362,068)	(348,559)	(376,742)		
8 Subtotal Revenues	(9,042,737)	(12,633,330)	(12,892,345)	(19,900,562)	(25,483,135)	(23,959,705)	(17,346,933)		
9 Expenses (\$)									
10 Outreach and Administrative Expenses (from Template D3)	85,600	71,203	85,000	54,163	85,000	85,000	85,000		Testimony and Exhibits of S. Bermudez & A. Worthington PAC/500-504 and PAC/600-603
11 Franchise Fees and Uncollectibles	1,731	1,440	1,719	1,095	1,719	1,719	1,719		
12 Interest	-	-	-	-	-	-	-		
13 Subtotal Expenses	87,331	72,643	86,719	55,258	86,719	86,719	86,719		
14 Total Allowance Revenue Approved for Clean Energy or Energy Efficiency Programs (\$ (Sum of Lines 14a through 14c))	1,537,786	1,211,480	1,066,147	1,556,315	1,665,648	1,552,016	1,862,848		
14a Clean Energy Program SOMAH Set Aside (Note 1)	1,537,786	1,211,480	1,066,147	1,556,315	1,790,292	1,676,660	1,862,848		Test. & Exhb. of J. Ridenour PAC/700-707
14b Clean Energy Program SOMAH Prior Years' True up					(124,644)	(124,644)			
14c Reserved for future use									
15 Net GHG Revenues (\$) (Line 8 + Line 13 + Line 14)	(7,417,620)	(11,349,207)	(11,739,478)	(18,288,989)	(23,730,768)	(22,320,971)	(15,397,367)		
16 GHG Revenues to be Distributed in Future Years (\$)	-	-	-	-	-	-	-		
17 Net GHG Revenues Available for Customers in Forecast Year (\$) (Line 15 + Line 16)	(7,417,620)	(11,349,207)	(11,739,478)	(18,288,989)	(23,730,768)	(22,320,971)	(15,397,367)		
18 GHG Revenue Returned to Eligible EITE Customers (\$)									
19 EITE Customer Return	-	-	-	-	-	-	-		Testimony and Exhibits of Judith M. Ridenour PAC/700-707
xx ² Historic Small Business Volumetric Return (Note 2)	407,480	408,126							
xx ² Historic Subtotal EITE + Volumetric Returns (Note 2)	407,480	408,126							
20 Semi-Annual Climate Credit									
21 Number of Eligible Residential Bundled Households	36,049	36,701	36,049	36,582	36,049	36,427	36,049		
22 Number of Eligible Residential Unbundled Households									
23 Number of Eligible Small Business Customers			8,133	8,253	8,133	8,218	8,133		
24 Total Customers Eligible for Climate Credit	36,049	36,701	44,182	44,835	44,182	44,645	44,182		
25 Per-Customer Semi-Annual Climate Credit (\$) (0.5 x (Line 17 + 19) ÷ Line 24)	97.23	97.23	132.85	132.85	268.56	268.56	174.25		
26 Total Revenue Distributed for the Climate Credit (\$) (2 x Line 24 x Line 25)	7,010,141	7,136,854	11,739,478	11,912,790	23,730,768	23,979,257	15,397,367		
xx ³ Historic Total Revenue Distributed Including Volumetric Credits		7,544,980							T&E of Z. S. PAC/400-409
27 Revenue Balance (\$)	N/A	(3,804,227)	N/A	(6,376,199)	N/A	1,658,287	N/A		

Note 1 Commission Decision (D.) 17-12-022 Ordering Paragraph 5 requires PacifiCorp to reserve 10% of the proceeds from the sale of greenhouse gas proceeds for use in the Solar on Multifamily Affordable Housing Program.

2016 The set aside started mid-year in 2016 when the company was directed to set aside 5% for half of 2016 and 10% annually thereafter.

2020 See PacifiCorp Advice Letter 679-E-A.

D.17-12-022, authorized participating utilities to allocate SOMAH funding only through June 30, 2020. In D.20-04-012, the Commission reauthorized the allocation of SOMAH funding through June 30, 2026, and directed participating utilities to propose set aside amounts for the SOMAH program from July 1, 2020 to December 31, 2020 in their 2021 ECAC forecasts. In this August 1, 2022 filing, 2020 recorded amount has been updated to reflect actual 2020 SOMAH-approved funding and set-aside for the year in its entirety, consistent with D.20-04-012 which reauthorized the allocation of SOMAH funding from July 2020 through June 30, 2026.

2020 Recorded amount was also updated to remove \$210,707 shortfall which the company was incorrectly directed to set aside in a February 2020 ruling. This results in an increase of \$210,707 to the Climate Credit to be carried forward and distributed in 2023. Because there was no adjustment actually made in the Company's GHG or SOMAH balancing accounts, there will be no accompanying accounting entry required. This adjustment automatically flows through to the GHG revenues and does not require an adjustment to line 14a (true up) of this template.

2021 Recorded amount for 2021 represents the current actual set aside of \$1,086,835 + \$124,644 overcollection for the year. Once the GHG/Climate Credit portion of this application is approved, the Company will make an adjustment to transfer \$124,644 from its SOMAH Balancing Account to the Greenhouse Gas Balancing account. Please also see PacifiCorp's Advice Letter 679-E-A.

Note 2 Unnumbered rows labeled "xx" are included to show rows of data from previous years which are no longer included in this Template D-1 beginning in 2022. Line numbers and labels in this Template D-1 reflect updates to Template D-1 approved in D.21-08-026.

CONFIDENTIAL INFORMATION SHADED IN GRAY

Application No. 23-09-____
Exhibit No. PAC/707
Witness: Judith M. Ridenour

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Effects of Proposed Rate Change Distributed by Rate Schedule

September 2023

PACIFICORP
STATE OF CALIFORNIA
ESTIMATED EFFECTS OF PROPOSED RATE CHANGE
DISTRIBUTED BY RATE SCHEDULE
Forecast 12 Months Ending December 2019

Line No.	Description	Pres. Sch.	No. of Customers	KWH	Present Revenues				Proposed Revenues				Proposed Change		Net Proposed Change		Line No.		
					Base Revenue	ECAC	Base with ECAC	Adders ¹	Net Revenue	Base Revenue	ECAC	Base with ECAC	Adders ¹	Net Revenue	Revenue	Percent		Revenue	Percent
	(1)	(2)	(3)	(4)	(5)	(6)	(7) (5)+(6)	(8)	(9) (7)+(8)	(10)	(11)	(12) (10)+(11)	(13)	(14) (12)+(13)	(15) (12)-(7)	(16) (15)/(7)	(17) (14)-(9)	(18) (17)/(9)	
Residential																			
1	Residential Service	D/DL-6	35,838	368,139,171	\$42,670,349	\$11,544,718	\$54,215,067	\$9,166,566	\$63,381,633	\$42,670,349	\$17,736,753	\$60,407,102	\$17,736,752	\$78,143,854	\$6,192,035	11.4%	\$14,762,221	23.3%	1
2	Multi-Family - Master Metered	DM-9	7	166,767	\$17,960	\$5,230	\$23,190	\$4,153	\$27,343	\$17,960	\$8,035	\$25,995	\$8,036	\$34,031	\$2,805	12.1%	\$6,688	24.5%	2
3	Multi-Family - Submetered	DS-8	16	1,243,740	\$113,795	\$39,003	\$152,798	\$30,970	\$183,768	\$113,795	\$59,923	\$173,718	\$59,924	\$233,642	\$20,920	13.7%	\$49,874	27.1%	3
4	Total Residential		35,861	369,549,678	\$42,802,104	\$11,588,951	\$54,391,055	\$9,201,689	\$63,592,744	\$42,802,104	\$17,804,711	\$60,606,815	\$17,804,712	\$78,411,527	\$6,215,760	11.4%	\$14,818,783	23.3%	4
Commercial & Industrial																			
5	General Service - < 20 kW	A-25	7,131	51,917,789	\$7,512,297	\$1,626,537	\$9,138,834	\$1,574,621	\$10,713,455	\$7,512,297	\$2,499,250	\$10,011,547	\$2,685,629	\$12,697,176	\$872,713	9.5%	\$1,983,721	18.5%	5
6	General Service - 20 kW & Over	A-32	1,125	67,115,094	\$7,613,162	\$2,104,314	\$9,717,476	\$1,647,717	\$11,365,193	\$7,613,162	\$3,230,061	\$10,843,223	\$3,217,043	\$14,060,266	\$1,125,746	11.6%	\$2,695,072	23.7%	6
7	General Service - 100 kW & Over	A-36	191	80,107,394	\$6,899,015	\$2,509,797	\$9,408,812	\$1,565,177	\$10,973,989	\$6,899,015	\$3,856,367	\$10,755,382	\$3,578,823	\$14,334,205	\$1,346,570	14.3%	\$3,360,216	30.6%	7
8	Large General Service - 500 kW & Over	AT-48	19	81,372,934	\$5,085,195	\$2,548,166	\$7,633,361	\$1,222,099	\$8,855,460	\$5,085,195	\$3,916,859	\$9,002,054	\$3,393,518	\$12,395,572	\$1,368,693	17.9%	\$3,540,112	40.0%	8
9	Agricultural Pumping Service	PA-20	2,026	94,292,504	\$9,877,761	\$2,953,078	\$12,830,839	\$2,202,458	\$15,033,297	\$9,877,761	\$4,538,522	\$14,416,283	\$4,459,659	\$18,875,942	\$1,585,444	12.4%	\$3,842,645	25.6%	9
10	Total Commercial & Industrial		10,491	374,805,715	\$36,987,430	\$11,741,892	\$48,729,322	\$8,212,072	\$56,941,394	\$36,987,430	\$18,041,059	\$55,028,489	\$17,334,672	\$72,363,161	\$6,299,166	12.9%	\$15,421,766	27.1%	10
Lighting																			
11	Outdoor Area Lighting Service	OL-15	760	913,538	\$199,900	\$28,614	\$228,514	\$41,596	\$270,110	\$199,900	\$43,991	\$243,891	\$56,763	\$300,654	\$15,377	6.7%	\$30,544	11.3%	11
12	Airway & Athletic Lighting	OL-42	36	154,197	\$26,275	\$4,831	\$31,106	\$5,235	\$36,341	\$26,275	\$7,423	\$33,698	\$8,280	\$41,978	\$2,592	8.3%	\$5,637	15.5%	12
13	Street Lighting, Utility Owned	LS-51	78	845,623	\$221,017	\$26,488	\$247,505	\$47,120	\$294,625	\$221,017	\$40,702	\$261,719	\$58,940	\$320,659	\$14,214	5.7%	\$26,034	8.8%	13
14	Street Lighting, Cust. Owned Energy Only	LS-53	105	1,138,821	\$136,648	\$35,682	\$172,330	\$25,193	\$197,523	\$136,648	\$54,806	\$191,454	\$51,463	\$242,917	\$19,124	11.1%	\$45,394	23.0%	14
15	Street Lighting, Customer Owned	LS-58	20	52,440	\$7,795	\$1,643	\$9,438	\$1,512	\$10,950	\$7,795	\$2,525	\$10,320	\$2,622	\$12,942	\$882	9.3%	\$1,992	18.2%	15
16	Total Lighting		999	3,104,619	\$591,635	\$97,258	\$688,893	\$120,656	\$809,549	\$591,635	\$149,447	\$741,082	\$178,068	\$919,150	\$52,189	7.6%	\$109,601	13.5%	16
17	Total Sales to Ultimate Consumers		<u>47,351</u>	<u>747,460,012</u>	<u>\$80,381,169</u>	<u>\$23,428,101</u>	<u>\$103,809,270</u>	<u>\$17,534,417</u>	<u>\$121,343,687</u>	<u>\$80,381,169</u>	<u>\$35,995,217</u>	<u>\$116,376,385</u>	<u>\$35,317,452</u>	<u>\$151,693,837</u>	<u>\$12,567,115</u>	<u>12.1%</u>	<u>\$30,350,150</u>	<u>25.0%</u>	17
18	Total AGA				\$194,473		\$194,473		\$194,473	\$194,473		\$194,473		\$194,473	\$0	0.0%	\$0	0.0%	18
19	Total Employee Discount				(\$35,933)	(\$9,796)	(\$45,729)	(\$7,778)	(\$53,507)	(\$35,933)	(\$15,051)	(\$50,984)	(\$15,051)	(\$66,035)	(\$5,255)	11.5%	(\$12,528)	23.4%	19
20	Total Sales (inc. AGA and Employee Discount)		<u>47,351</u>	<u>747,460,012</u>	<u>\$80,539,708</u>	<u>\$23,418,305</u>	<u>\$103,958,014</u>	<u>\$17,526,639</u>	<u>\$121,484,653</u>	<u>\$80,539,708</u>	<u>\$35,980,166</u>	<u>\$116,519,874</u>	<u>\$35,302,401</u>	<u>\$151,822,275</u>	<u>\$12,561,860</u>	<u>12.1%</u>	<u>\$30,337,622</u>	<u>25.0%</u>	20

Notes:

¹ Total effects of Schedule ECAC-94 Deferred ECAC, Schedule GHG-92 Surcharge to Recover Greenhouse Gas Carbon Pollution Permit Cost, Schedule S-95 Surcharge to Recover Mobilehome Park Utility Upgrade Costs, Schedule S-96 Surcharge to Recover Costs Recorded in Catastrophic Event Memorandum Account, Schedule S-191 Surcharge to Fund Public Purpose Programs, Schedule S-192 Surcharge to Fund Energy Savings Assistance Program, and Schedule S-195 Tax Reform Memorandum Account Adjustment. Excludes the effect of pass through adders.

Application No. 23-09-____
Exhibit No. PAC/708
Witness: Judith M. Ridenour

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Essential Usage and Average Usage Bills, Affordability Ratios and Hours at Minimum Wage by
Climate Zone

September 2023

PacifiCorp
Present and Proposed
Essential Usage and Average Usage Monthly Bills, Affordability Ratios and Hours at Minimum Wage by Climate Zone
Schedule D and DL-6
Standard Residential Service and CARE Residential Service

Climate Zone	Usage Type	kWh	Monthly Bill				Affordability Ratio 20				Affordability Ratio 50				Hours at Minimum Wage			
			Present Total \$	Proposed Total \$	Change Total \$	Change %	Present AR 20	Proposed AR 20	Change AR 20	Change % AR 20	Present AR 50	Proposed AR 50	Change AR 50	Change % AR 50	Present HM	Proposed HM	Change HM	Change % HM
Schedule D Standard Residential Essential Monthly Usage Bills by Climate Zone																		
California Hourly Minimum Wage: \$15.50																		
Del Norte	Basic Use	659	\$115.12	\$141.54	\$26.42	22.9%												
	All Electric	838	\$144.18	\$177.78	\$33.60	23.3%												
	Weighted Average		\$137.68	\$169.67	\$31.99	23.2%	10.01	12.13	2.12	21.2%	3.20	3.86	0.66	20.6%	8.88	10.95	2.06	23.2%
All Other Territory	Basic Use	588	\$103.59	\$127.17	\$23.58	22.8%												
	All Electric	786	\$135.73	\$167.25	\$31.52	23.2%												
	Weighted Average		\$121.43	\$149.42	\$27.99	23.1%	8.86	10.73	1.87	21.1%	2.81	3.39	0.58	20.6%	7.83	9.64	1.81	23.1%
Schedule DL-6 CARE Residential Essential Monthly Usage Bills by Climate Zone																		
Del Norte	Basic Use	659	\$89.09	\$110.23	\$21.14	23.7%												
	All Electric	838	\$111.52	\$138.40	\$26.88	24.1%												
	Weighted Average		\$106.50	\$132.10	\$25.60	24.0%	7.74	9.44	1.70	22.0%	2.47	3.01	0.54	21.9%	6.87	8.52	1.65	24.0%
All Other Territory	Basic Use	588	\$80.19	\$99.05	\$18.86	23.5%												
	All Electric	786	\$105.00	\$130.22	\$25.22	24.0%												
	Weighted Average		\$93.96	\$116.36	\$22.40	23.8%	6.86	8.36	1.50	21.9%	2.18	2.64	0.46	21.1%	6.06	7.51	1.45	23.8%
Schedule D Standard Residential Average Monthly Usage Bills by Climate Zone																		
Del Norte	Basic Use	850	\$150.07	\$184.15	\$34.08	22.7%												
	All Electric	958	\$166.14	\$204.55	\$38.41	23.1%												
All Other Territory	Basic Use	742	\$131.77	\$161.52	\$29.76	22.6%												
	All Electric	886	\$154.03	\$189.56	\$35.53	23.1%												
Schedule DL-6 CARE Residential Average Monthly Usage Bills by Climate Zone																		
Del Norte	Basic Use	850	\$116.18	\$143.44	\$27.27	23.5%												
	All Electric	958	\$128.54	\$159.27	\$30.73	23.9%												
All Other Territory	Basic Use	742	\$102.03	\$125.83	\$23.80	23.3%												
	All Electric	886	\$119.18	\$147.61	\$28.43	23.9%												

Note: Weighted Average Essential Bills and Affordability Ratio values based on results from the 2020 Affordability Calculator. Year assumptions: Present 2023; Proposed 2024
California Minimum Wage source: <https://www.dir.ca.gov/dlse/>