

Application No. 23-09-____
Exhibit No. PAC/200
Witness: Jack Painter

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Direct Testimony of Jack Painter
Net Power Costs

September 2023

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ATTACHED EXHIBITS

Exhibit PAC/201 – California ECAC Offset/Balancing Rate Calculation

Exhibit PAC/202 – Adjusted Actual 2022 Net Power Costs

Confidential Exhibit PAC/203 – Adjusted Actual/Projected 2023 Net Power Costs

Confidential Exhibit PAC/204 – ARB Administrative Costs

1 **I. INTRODUCTION AND QUALIFICATIONS**

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

4 A. My name is Jack Painter, and my business address is 825 NE Multnomah Street, Suite
5 600, Portland, Oregon 97232. My title is Net Power Cost (NPC) Specialist.

6 **Q. Briefly describe your education and business experience.**

7 A. I received a Bachelor of Arts degree in Business Administration with a Finance major
8 from Washington State University in 2007. I have been employed by PacifiCorp
9 since 2008 and have held positions in the regulation and jurisdictional loads
10 departments. I joined the regulatory net power costs group in 2019 and assumed my
11 current role as an NPC Specialist in 2020.

12 **Q. Have you testified in previous regulatory proceedings?**

13 A. Yes. I have previously provided testimony to the Public Utility Commissions in
14 California, Oregon, Washington, Utah, Wyoming, and Idaho.

15 **II. SUMMARY OF TESTIMONY**

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

17 A. I present the Company's proposed Energy Cost Adjustment Clause (ECAC)
18 Balancing Rate and Offset Rate calculations for calendar year 2024 (2024 ECAC),
19 and I recommend the Commission approve a Balancing Rate of \$29.97 per megawatt
20 hour (MWh), and an Offset Rate of \$48.14/MWh. The calculation of the proposed
21 Offset and Balancing Rates for the 2024 rate effective period can be found in Exhibit
22 PAC/201. Lines 1 through 16 are used to develop the Offset Rate, and lines 17
23 through 63 are used to develop the Balancing Rate.

1 In addition, my testimony:

- 2 • Presents the updated 2022 adjusted actual and 2023 adjusted actual/projected
3 net power costs, which are used to develop the 2024 Balancing Rate, and the
4 2024 Offset Rate, and discusses the Company's request to incorporate new
5 amendments to FERC's Uniform System of Accounts in the Company's
6 ECAC, for recovery of expenses in future ECAC proceedings; and
- 7 • Describes the costs and credits that are included in the Balancing and Offset
8 Rates, including: (1) net metering surplus costs from Schedule NEM-35; (2)
9 renewable energy production tax credits (PTCs); (3) costs for implementation
10 and reporting verification under the California Air Resources Board (ARB)
11 Mandatory Reporting Rule and Cap and Trade Program (ARB administrative
12 costs); (4) treatment of fuel stock carrying charges; (5) purchases of
13 renewable energy certificates (RECs) for renewables portfolio standard (RPS)
14 compliance; (6) start-up fuel costs and mandatory reporting; (7) Western
15 Energy Imbalance Market (WEIM) Body of State Regulators (BOSR) costs
16 and Western Power Pool (WPP) Western Resource Adequacy Program
17 (WRAP) costs.

18 III. ADJUSTED ACTUAL NET POWER COSTS

19 **Q. Please explain adjusted actual NPC.**

20 A. NPC are defined as the sum of the Company's fuel expenses, wholesale purchase
21 power expenses, and wheeling expenses, less wholesale sales revenue. Adjusted
22 actual NPC are the sum of total-Company amounts recorded in Federal Energy
23 Regulatory Commission Accounts 501, 503 and 547 (Steam Production Fuel

1 Expense) for the Company's coal, geothermal, and natural gas resources;
2 555 (Purchased Power); and 565 (Wheeling); less Account 447 (Sales for Resale).
3 These amounts are adjusted to: (1) align booked NPC in those accounts with NPC
4 used in the rate setting process, ensuring only comparable costs are used in the
5 deferral calculation; and (2) remove prior-period accounting entries, if any, recorded
6 during the deferral period that are not applicable to the current period.

7 **Q. Why are the 2022 adjusted actual NPC different from what the Company**
8 **included in its 2023 ECAC filing?**

9 A. When the Company filed the 2023 ECAC Application, actual NPC were only
10 available for January through May 2022.¹ As a result, the data used to calculate the
11 2023 Balancing Rate included five months of adjusted actual NPC (January through
12 May 2022) and seven months of projected NPC (June through December 2022). In
13 the current filing, the Company updated its 2022 data to incorporate the actual NPC
14 for the entire 12-month period. The 2022 adjusted actual NPC are shown in Exhibit
15 PAC/202.

16 **Q. Which months in 2023 reflect adjusted actual NPC in the current filing?**

17 A. January through May 2023 reflect adjusted actual NPC while June through
18 December 2023 are a projection of the Company's NPC for the balance of the year.
19 Consistent with the design of the ECAC, these are combined to reflect the overall
20 expected NPC for 2023. The 2023 adjusted actual/projected NPC are shown in
21 Exhibit PAC/203.

22 **Q. How will the projected NPC be reconciled to actual NPC?**

¹ Application 22-08-001.

1 A. In its annual ECAC filings, the Company compares adjusted actual NPC to amounts
2 previously projected. The difference between adjusted actual NPC and the projected
3 amount on a California-allocated basis is tracked in the ECAC balancing account
4 where it accrues interest based on the nonfinancial commercial paper rate. Amounts
5 included in the ECAC balancing account are recovered from or refunded to customers
6 through the Balancing Rate.

7 **Q. Is the Company aware of changes to the FERC accounting that would affect**
8 **costs in future ECAC proceedings?**

9 A. Yes. On July 28, 2022, the FERC issued a Notice of Proposed Rulemaking to amend
10 the Uniform System of Accounts.² This rulemaking proposed to, among other things,
11 address the appropriate accounting and reporting treatment for certain environmental
12 credits and allowances.³

13 **Q. Has the Commission issued a final decision?**

14 A. Yes. On June 29, 2023, the FERC issued a final rule that amended the Uniform
15 System of Accounts.⁴ Relevant here, the FERC created sub-account 509.1 to account
16 and report for allowances associated with monthly emissions.⁵ This rule is effective
17 January 1, 2025.⁶

18 **Q. What costs will be affected by the FERC's decision?**

19 A. The change in accounting would affect the costs associated with greenhouse gas and
20 environmental allowances that have been booked to FERC account 555 and

² Notice of Proposed Rulemaking, 180 FERC ¶ 61,050, Docket No. RM21-11-000 (Jul. 28, 2022) (available here: <https://www.ferc.gov/media/e-3-rm21-11-000>).

³ *Id.* ¶¶ 53-57.

⁴ Final Rule, 183 FERC ¶ 61,205, Docket No. RM21-11-000 (Jun. 29, 2023).

⁵ *Id.* ¶ 77, 87-98.

⁶ *Id.* ¶ 3.

1 historically included in the ECAC. Because the Company's ECAC does not currently
2 allow for recovery of costs in FERC Account 509, the Company requests the
3 Commission approve the Company's request to amend the definition of Adjusted
4 Actual NPC to allow for recovery of costs in this Account. This amendment is
5 reflected in the supporting exhibit of Company witness Judith Ridenour (Exhibit
6 PAC/702).

7 **Q. Is the Company requesting recovery of any amounts for Account 509 in this**
8 **proceeding?**

9 A. No. The FERC's decision is not effective until January 1, 2025. However to be
10 proactive, the Company requests the Commission add this new cost category to the
11 Company's ECAC mechanism in this proceeding. This would allow the Company to
12 request recovery of, and the Commission will have the discretion to review and
13 approve, actual Account 509 costs in subsequent ECAC proceedings.

14 **IV. 2024 BALANCING RATE**

15 **Q. Please describe the components included in the 2024 Balancing Rate.**

16 A. The Balancing Rate is the rate that returns to, or recovers from, customers the actual
17 deferred NPC accumulated in the ECAC balancing account. Table 1 shows the
18 individual Balancing Rate components for 2024.

Table 1

| ECAC Balancing Rate | | |
|----------------------------|--|----------------------|
| Balancing Account | | |
| 1 | Balancing Account Balance 12/31/2022 | \$ 2,033,314 |
| 2 | 2022 NPC Variance | 4,981,797 |
| 3 | 2023 NPC Variance | 13,127,871 |
| | Fuel Stock Carrying Charge, ARB Admin Costs, Net | |
| 4 | Metering Costs, REC Purchases, PTCs, Start-Up Fuel Costs, and EIM BOSR and NWPP WRAP Costs | 1,027,837 |
| 5 | Interest | 770,955 |
| | | 770,955 |
| | Sum of Lines | |
| 6 | Total Balancing Account | 1 - 5 |
| | | \$ 21,941,775 |
| 7 | California Projected Sales (MWh) | 747,460 |
| 8 | Balancing Rate \$/MWh | Line 6 / Line 7 |
| | | \$ 29.36 |
| 9 | Billing Factor (Franchise Fees & Uncollectible Accounts) | 102.1% |
| 10 | Balancing Rate with Billing Factor \$/MWh | Line 8 x Line 9 |
| | | \$ 29.97 |

1 **Q. Please explain the calculation of the Balancing Rate for 2024.**

2 A. As shown in Table 1, the 2024 Balancing Rate is calculated by:

3 (1) Determining the total amount in the ECAC balancing account (Table 1, Line
4 6) by accumulating the sum of the:

- 5 • unrecovered amount from previous ECAC filings remaining in the ECAC
- 6 balancing account as of December 31, 2022;
- 7 • variance between 2022 adjusted actual NPC and the amount projected in
- 8 the 2023 ECAC filing;
- 9 • variance between 2023 adjusted actual/projected NPC and the NPC
- 10 projected in the 2023 ECAC filing;

- 1 • fuel stock carrying charge, the ARB administrative costs, net metering
- 2 surplus compensation, REC purchases for RPS compliance, PTCs, Start-
- 3 Up Fuel costs, and WEIM BOSR and WPP WRAP costs; and
- 4 • interest accumulated on the balance of the ECAC balancing account.

5 (2) Dividing the total balance of the ECAC balancing account (Table 1, Line 6)

6 by the California projected retail sales (Table 1, Line 7) included in the

7 Company's 2019 Rate Case.

8 (3) Grossing-up the result for the ECAC Billing Factor (Table 1, Line 9) to

9 account for franchise fees and uncollectible accounts expense, as included in

10 the Company's 2019 Rate Case.

11 **Q. What is the Company's proposed Balancing Rate?**

12 A. As shown in Table 1 and in Exhibit PAC/201, Line 63, the proposed Balancing Rate

13 is \$29.97 per MWh.

14 **Q. What is the total dollar amount to be collected through the Balancing Rate in**

15 **2024?**

16 A. Accumulating the 2022 residual balance and the incremental deferrals for 2022 and

17 2023, plus interest, results in a surcharge of approximately \$21.9 million to be

18 collected from customers through the Balancing Rate. The total includes amounts for

19 the fuel stock carrying charges, net metering surplus compensation, ARB

20 administrative costs, REC purchases for RPS compliance, PTCs, start-up fuel costs,

21 and EIM BOSR and WPP WRAP costs.

22 **Q. Please explain the difference between the amount of NPC that was anticipated to**

23 **be deferred during 2022, and the actual NPC deferred during 2022.**

1 A. In its 2023 ECAC filing, the 2022 deferral was calculated using actual information
2 from January through May 2022 and a projection of NPC and related collections from
3 customers for the remainder of the year. The Company anticipated that during
4 2022 it would accumulate an under-recovery of approximately \$3.0 million
5 from customers. The actual amount deferred for 2022 was an under-recovery of \$7.9
6 million, or a difference of \$5.0 million from projected levels, as shown on Line 49 of
7 Exhibit PAC/201.

8 The \$7.9 million under-recovery consists of two components: (1) actual NPC
9 for 2022 was approximately \$8.4 million higher than projected on a California-
10 allocated basis; and (2) collections from customers through the Offset Rate in effect
11 during 2022 were approximately \$0.5 million higher than projected, causing the
12 deferred balance to increase.

13 **Q. Please describe the changes that caused an increase in NPC during 2022.**

14 A. Overall, the variance between total Company Actual NPC and the Offset Rate for
15 2022 was \$554 million, or 38 percent. Wholesale sales revenue was \$19 million
16 lower than projected in the 2022 ECAC, while coal costs, natural gas expense, and
17 purchased power expense were higher by \$9 million, \$333 million, and \$187 million
18 respectively. The increase in purchased power expense was driven primarily due to
19 extreme weather events and market prices.

20 **Q. Please describe some of the weather events that impacted NPC during the**
21 **calendar year 2022 Deferral Period.**

22 A. Similar to 2021, calendar year 2022 was also marked by several extreme and
23 unforeseeable weather events that has a collective impact on Actual NPC during the

1 year. Multiple heat waves across the Company's service territories throughout July,
2 August, and September had a significant effect on market prices, ultimately leading to
3 an increase in NPC. Cumulatively, the NPC differential for those months amounted
4 to \$3.4 million, which is 40 percent of the entire \$8.4 million variance on a
5 California-allocated basis.

6 Additionally, ongoing drought in the West, which began in the summer of
7 2020, continued to impact Actual NPC because it reduced the availability of the
8 Company's hydro resources. In 2022, actual generation from hydro resources were
9 625,634 MWhs, or 18 percent, lower than forecast generation and needed to be
10 replaced to meet customer demand either through system dispatch of other resources,
11 reduced market sales, increased market purchases, or any combination of these
12 options. The estimated impact on total-company NPC in 2022 due to decreased
13 hydro MWhs from drought is \$75 million.

14 Finally, in December 2022 a historic winter cyclone event occurred across the
15 majority of the U.S., which impacted both market prices and natural gas prices, along
16 with an increase in demand. Natural gas prices across the Company's delivery points
17 drastically increased. At the Opal natural gas trading hub, average prices were
18 424 percent higher in December 2022 as compared to December 2021, while market
19 prices at the Mid-Columbia and Four-Corners trading hubs were, on average,
20 406 percent higher across all load hours. The NPC differential in December alone is
21 \$2.1 million, or 24 percent, of the total California-allocated NPC variance.

22 **Q. How has the conflict in Ukraine impacted regional natural gas fuel prices?**

23 A. The ongoing conflict in Ukraine has resulted in decreased availability of natural gas

1 in Europe, which was previously sourced from Russian imports. With decreased
2 European supply, the associated European demand has turned to U.S. domestic
3 supply to fill the gap. This has resulted in increased competition over domestic
4 supply, which has driven regional natural gas fuel prices upwards due to domestic
5 production being unable to keep pace with the increased demand. This increase in
6 natural gas fuel prices correspondingly increases regional natural gas market prices
7 and regional power market prices, in that order. It is difficult to predict (or forecast)
8 how long, and in what direction, these factors will continue to impact regional prices.

9 **Q. Please explain the changes in purchased power expense.**

10 A. Purchased power expense increased primarily due to higher market purchases of
11 \$194 million (represented in the offset rate as short-term firm and system balancing
12 purchases) with the most significant impact tied to several heat waves throughout
13 July, August, and September, further compounded by ongoing drought dating back to
14 the summer of 2020. Actual market purchases were 2,573 GWh, or 39 percent, lower
15 than Base NPC, but the average price of actual market purchase transactions was
16 \$67.78/MWh, or 213 percent, higher than Base NPC.

17 **Q. Please explain the changes in natural gas fuel expense.**

18 A. The total natural gas fuel expense in Actual NPC increased by \$333 million compared
19 to Base NPC due to an increase in natural gas generation volume of 2,641 GWh, or
20 24 percent higher than Base NPC during the Deferral Period and the average cost of
21 natural gas generation also increased from \$25.12/MWh in Base NPC to
22 \$44.61/MWh in the deferral period caused by conflict in Ukraine and a historic winter
23 weather event as discussed above. Even with higher natural gas prices in 2022,

1 Company owned gas-generating plants were still least-cost dispatch resources, on
2 average, and more economic than market purchases.

3 **Q. Please explain the amount the Company expects to defer to the ECAC balancing**
4 **account during 2023.**

5 A. Based on actual NPC data for five months (January through May 2023) and projected
6 NPC for seven months (June through December 2023), the Company anticipates it
7 will defer an approximate increase of \$13.1 million to the ECAC balancing account
8 during 2023. The residual balance of approximately \$2.0 million in the balancing
9 account at the end of 2022 is added to the expected 2023 deferral, and the net result is
10 approximately \$15.2 million to be collected from customers as shown on line 49 of
11 Exhibit PAC/201.

12 V. 2024 OFFSET RATE

13 **Q. Please explain the 2024 Offset Rate.**

14 A. As shown in Exhibit PAC/201, the Offset Rate is the amount of California-allocated
15 2024 NPC, fuel stock carrying charges, ARB administrative costs, net metering
16 surplus compensation, REC purchases for RPS compliance, PTCs, start-up fuel costs,
17 and WEIM BOSR and WPP WRAP costs that will be recovered from customers for
18 the forecast test year (2024). According to the Commission-approved terms of the
19 ECAC mechanism, if the change in the Offset rate exceeds a threshold of five
20 percent, the rate is updated for the upcoming rate effective period.

21 Compared to NPC in the 2023 ECAC, forecast NPC in the 2024 ECAC are
22 higher by 44 percent. Additionally, the inclusion of PTCs in the 2024 ECAC
23 decreases net power cost and thereby decreases the Offset Rate. The proposed Offset

1 Rate is \$48.14 per MWh, which is an increase of 54 percent from the rate of
2 \$31.33 per MWh, as approved in the Company's 2023 ECAC. With the change in the
3 Offset Rate greater than the five percent threshold, the Company proposes to change
4 the Offset Rate for 2024.

5 **Q. Please explain the calculation of the Offset Rate for 2024.**

6 A. The Offset Rate is calculated by:

- 7 (1) summing the projected California-allocated 2024 NPC, fuel stock carrying
8 charges, ARB administrative costs, net metering surplus compensation, REC
9 purchases for RPS compliance, PTCs, start-up fuel costs, and WEIM BOSR
10 and WPP WRAP costs;
- 11 (2) dividing by the projected California retail sales; and
- 12 (3) grossing up the amount by the ECAC Billing Factor to account for franchise
13 fees and uncollectible accounts expense.

14 As shown in Exhibit PAC/201, Line 16, the calculated 2024 Offset Rate is \$48.14 per
15 MWh. The rate is composed of approximately \$38.5 million in California-allocated
16 NPC, \$0.1 million of fuel stock carrying charges, \$0.07 million in ARB
17 administrative costs, \$1.1 million of REC purchases for RPS compliance, a credit of
18 \$4.7 million for PTCs, and \$0.08 million of start-up fuel costs. Net metering surplus
19 compensation, and WEIM BOSR and WPP WRAP costs are currently not a material
20 charge, so the Company has not included a projection for these costs in 2024. In the
21 future, these costs may increase, and the Company may include a forecast as part of
22 future Offset Rate calculations.

1 **VI. SPECIFIC ECAC COSTS AND CREDITS**

2 **Q. What is the purpose of this section?**

3 A. I discuss the specific cost categories that are included in the ECAC, including the
4 Company's actual and forecasts costs relevant to the Offset and Balancing Rates.

5 **A. Fuel Stock Carrying Charge**

6 **Q. Does the 2024 Offset Rate include the forecast carrying charges on fuel stock**
7 **balances?**

8 A. Yes. The 2024 Offset Rate includes a forecast carrying charge of \$123,928.

9 **Q. Does the 2024 Balancing Rate also include a true up of actual fuel stock carrying**
10 **charges?**

11 A. Yes. The 2024 Balancing Rate includes a surcharge of \$43,405 (including interest) to
12 true up fuel stock carrying charges to actual costs in 2022 and 2023. Actual carrying
13 charges for 2022 and 2023 were higher than projected due to differences in fuel stock
14 balances and interest rates used to determine the previous carrying charges.

15 **B. ARB Administrative Costs**

16 **Q. Does the 2024 Offset Rate include ARB administrative costs?**

17 A. Yes. The 2024 Offset Rate includes \$71,304 of ARB administrative costs.

18 **Q. Does the 2024 Balancing Rate include ARB administrative costs that were**
19 **booked to the memorandum account authorized in the Company's 2012 ECAC?**

20 A. Yes. The proposed Balancing Rate includes a charge of \$5,791 (including interest) to
21 account for the difference between actual and forecast ARB administrative costs.

22 Confidential Exhibit PAC/204 provides a summary of the costs booked in 2022 and
23 2023, as well as a projection of 2024 costs.

1 **C. Net Metering Surplus Costs**

2 **Q. Does the 2024 Offset Rate include the forecast net metering surplus costs?**

3 A. No. Net metering surplus compensation is currently an immaterial charge, so the
4 Company has not included a projection for this cost in 2024.

5 **Q. Does the 2024 Balancing Rate also include a true up of actual net metering
6 surplus costs?**

7 A. Yes. The 2024 Balancing Rate includes \$39,020 (including interest) to true up net
8 metering surplus costs to actual costs in 2022 and 2023.

9 **D. Renewable Energy Credits**

10 **Q. Does the Company's 2024 ECAC filing include any revenue from the sale of
11 RECs?**

12 A. No. The Company has not sold any of its California-allocated RECs; rather, these
13 RECs have been retained for compliance with California's RPS.

14 **Q. Does the 2024 Offset Rate include the forecast of any costs from the purchase of
15 RECs?**

16 A. Yes. The 2024 Offset Rate includes a forecast of \$1,147,566.

17 **Q. Does the 2024 Balancing Rate include a true up of actual REC purchases for
18 RPS Compliance?**

19 A. Yes. The 2024 Balancing Rate includes a surcharge of \$80,641 (including interest) to
20 true up REC purchases to actual purchases for RPS Compliance in 2022 and 2023.

1 **E. Production Tax Credits**

2 **Q. Does the 2024 Offset Rate include the forecast of renewable energy PTCs?**

3 A. Yes. The 2024 Offset Rate includes a credit of \$4,696,982 based on the forecasted
4 wind generation attributed to PTCs.

5 **Q. Does the 2024 Balancing Rate include a true up of actual PTCs?**

6 A. Yes. The 2024 Offset Rate includes a surcharge of \$811,044 (including interest) to
7 true up forecasted PTCs to actual PTCs in 2022 and 2023.

8 **F. Start-up Fuel Costs**

9 **Q. Does the 2024 Offset Rate include the forecast of any start-up fuel costs?**

10 A. Yes. The 2024 Offset Rate includes a forecast of \$76,781 for start-up fuel costs.

11 **Q. Does the 2024 Balancing Rate include a true up of actual start-up fuel costs?**

12 A. Yes. The 2024 Offset Rate includes a surcharge of \$89,470 (including interest) to
13 true up start-up fuel costs to actual costs in 2022 and 2023.

14 **G. EIM BOSR and WPP WRAP Costs**

15 **Q. Does the 2024 Offset Rate include the forecast of WEIM BOSR and WPP
16 WRAP costs?**

17 A. No. WEIM BOSR and WPP WRAP costs have been proposed in the Company's
18 most recent general rate case with an effective date of January 1, 2023 and will not be
19 included in the ECAC after the effective date.

20 **Q. Does the 2024 Balancing Rate also include a true up of WEIM BOSR and WPP
21 WRAP costs?**

22 A. Yes. The 2024 Balancing Rate includes a surcharge of \$6,941 (including interest) to
23 true up WEIM BOSR and WPP WRAP costs to actual costs in 2022.

VII. CONCLUSION

1

2 **Q. Please summarize your testimony.**

3 A. The 2024 ECAC Offset and Balancing Rates, including relevant interest and billing
4 factors, are accurately calculated and consistent with the Company's ECAC tariff and
5 previous Commission orders. The cost increases in the current Application are driven
6 by extreme weather events, increased market purchases, and both higher market
7 prices and natural gas fuel prices. I recommend the Commission approve the
8 Company's request.

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

10 A. Yes.

Application No. 23-09-____
Exhibit No. PAC/201
Witness: Jack Painter

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

California ECAC Offset/Balancing Rate Calculation

September 2023

Exhibit PAC/201
California ECAC Offset / Balancing Rate Calculation
September 15, 2023

| Line | | 2022 Projected | 2023 Projected | 2024 Projected |
|----------------------------|---|-------------------|-------------------|-------------------|
| ECAC Implementation | | | | |
| ECAC Offset Rate | | | | |
| 1 | Total Company Projected ECAC NPC | \$ 1,460,956,065 | \$ 1,752,375,823 | \$ 2,519,011,577 |
| 2 | California Allocated Projected NPC | 22,259,157 | 26,731,521 | 38,532,179 |
| 3 | California Allocated Carrying Charge of Fuel Stock | 14,874 | 63,420 | 123,928 |
| 4 | California ARB Administrative Costs | 46,189 | 86,625 | 71,304 |
| 5 | California Net Metering Surplus Costs | - | - | - |
| 6 | California Allocated Renewable Energy Credits Purchases | 192,219 | 470,556 | 1,147,566 |
| 7 | California Allocated Production Tax Credits | (4,151,872) | (4,467,767) | (4,696,982) |
| 8 | California Allocated Start-Up Fuel Costs | 58,712 | 59,897 | 76,781 |
| 9 | California Allocated Reasonable Energy Price QF Costs | - | - | - |
| 10 | California Allocated EIM BOSR and NWPP WRAP Costs | - | - | - |
| 11 | California Projected Sales in MWh | 747,460 | 747,460 | 747,460 |
| 12 | Projected ECAC Offset Rate \$/MWh | \$ 24.64 | \$ 30.70 | \$ 47.17 |
| 13 | Offset Rate Percentage Change | 5.3% | 24.6% | 53.7% |
| 14 | ECAC Offset Rate \$/MWh | \$ 24.64 | \$ 30.70 | \$ 47.17 |
| 15 | Billing Factor (Franchise Fees & Uncollectible Accounts) | 102.1% | 102.1% | 102.1% |
| 16 | ECAC Offset Rate with Billing Factor \$/MWh | \$ 25.15 | \$ 31.33 | \$ 48.14 |

| | 2022 Actual | 2023 Actual/Projected |
|----------------------------|-----------------------------------|-----------------------------------|
| ECAC Balancing Rate | | |
| 17 | Total Company Projected NPC | \$ 1,460,956,065 \$ 1,752,375,823 |
| 18 | Total Company Adjusted Actual NPC | 2,014,642,672 2,534,557,309 |
| 19 | Variance (Line 18 - Line 17) | \$ 553,686,607 \$ 782,181,487 |

| Total Company Component Variance | | |
|---|-----------------|--------------------------------------|
| Wholesale Sales Revenue | | |
| 20 | Firm | \$ (18,884,354) \$ (32,396,684) |
| 21 | Non-Firm | - - |
| Purchase Power Expense | | |
| 22 | Seasonal | - - |
| 23 | Existing Demand | 2,782,434 29,234,650 |
| 24 | Existing Energy | (7,595,476) 69,945,332 |
| 25 | QF | (5,337,745) (68,672,519) |
| 26 | Firm | 197,442,964 570,093,008 |
| 27 | Non-Firm | 0 (0) |
| Wheeling | | |
| 28 | Firm | (6,799,583) (15,155,615) |
| 29 | Non-Firm | 13,639,928 4,089,855 |
| Generation | | |
| 30 | Coal | 8,901,091 (133,737,236) |
| 31 | Seasonal Gas | (4,610,288) 3,898,096 |
| 32 | Gas | 337,682,137 287,592,116 |
| 33 | Other | (1,303,209) 2,497,116 |
| Total | | \$ 553,686,607 \$ 782,181,487 |

| California Allocated Component Variance | | |
|--|---|-----------------------------------|
| Wholesale Sales Revenue | | |
| 34 | Firm | \$ (298,455) \$ (512,008) |
| 35 | Non-Firm | - - |
| Purchase Power Expense | | |
| 36 | Seasonal | - - |
| 37 | Existing Demand | 43,975 462,034 |
| 38 | Existing Energy | (113,194) 1,042,379 |
| 39 | QF | (84,360) (1,085,324) |
| 40 | Firm | 3,120,457 9,009,946 |
| 41 | Non-Firm | 0 (0) |
| Wheeling | | |
| 42 | Firm | (107,463) (239,525) |
| 43 | Non-Firm | 203,273 60,950 |
| Generation | | |
| 44 | Coal | 132,651 (1,993,054) |
| 45 | Seasonal Gas | 5,032,397 4,285,917 |
| 46 | Gas | (68,706) 58,092 |
| 47 | Other | (19,421) 37,214 |
| 48 | Total - California Energy Cost Account | \$ 8,438,063 \$ 12,150,638 |

| | | | |
|----|--|---------------------|----------------------|
| 49 | Under (Over) Collection of California NPC | \$ 4,981,797 | \$ 15,161,185 |
| 50 | California Energy Cost Adjustment Account Interest | 27,983 | 694,496 |
| 51 | California Deferred Fuel Stock Carrying Charges | (1,009) | 44,414 |
| 52 | California ARB Administrative Costs | 5,520 | 271 |
| 53 | California Net Metering Surplus Compensation | 22,170 | 16,850 |
| 54 | California Renewable Energy Credits Purchases | 65,331 | 15,310 |
| 55 | California Production Tax Credits | 551,702 | 259,343 |
| 56 | California Start-Up Fuel Costs | 30,756 | 58,714 |
| 57 | California Reasonable Energy Price QF Costs | - | - |
| 58 | California EIM BOSR and NWPP WRAP Costs | 6,616 | 325 |
| 59 | Total California Balancing Account | \$ 5,690,866 | \$ 16,250,909 |

| | 2022 | 2023 | 2024 | |
|----|---|---------|-----------|----------|
| 60 | ECAC Balancing Rate \$/MWh | \$ 4.16 | \$ (1.31) | \$ 29.36 |
| 61 | Billing Factor (Franchise Fees & Uncollectible Accounts) | 102.1% | 102.1% | 102.1% |
| 62 | Balancing Rate w Billing Factor \$/MWh | \$ 4.25 | \$ (1.34) | \$ 29.97 |
| 63 | Balancing Rate Percentage Change | | | -2341.5% |

Application No. 23-09-____
Exhibit No. PAC/202
Witness: Jack Painter

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Adjusted Actual 2022 Net Power Costs

September 2023

| 2022 Adjusted Actual Net Power Cost | | | | | | | | | | | | | | | Exhibit PAC/202 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|-----------------|
| | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Total 2022 | | |
| Special Sales For Resale | | | | | | | | | | | | | | | |
| Long Term Firm Sales | | | | | | | | | | | | | | | |
| Black Hills | \$ 786,193 | \$ 568,783 | \$ 722,192 | \$ 754,255 | \$ 791,733 | \$ 837,197 | \$ 859,284 | \$ 842,378 | \$ 747,878 | \$ 708,911 | \$ 644,716 | \$ 711,214 | \$ 8,974,735 | | |
| Hurricane Sale | 1,495 | 1,323 | 1,448 | 1,546 | 1,650 | 1,670 | 1,775 | 1,737 | 2,771 | 2,511 | 2,444 | 2,486 | 22,855 | | |
| Leaning Juniper Revenue | 52 | 9,858 | 19,170 | 26,452 | 67,048 | 6,021 | 16,244 | (56,625) | 73,329 | 13,299 | 16,189 | 38,380 | 229,416 | | |
| PSCO Craig Sale | - | - | - | - | - | - | - | - | - | - | 694,550 | 604,330 | 1,298,880 | | |
| Total Long Term Firm Sales | \$ 787,740 | \$ 579,964 | \$ 742,810 | \$ 782,253 | \$ 860,431 | \$ 844,887 | \$ 877,303 | \$ 787,490 | \$ 823,978 | \$ 724,722 | \$ 1,357,899 | \$ 1,356,411 | \$ 10,525,887 | | |
| Total Short Term Firm Sales | \$ 18,494,588 | \$ 17,359,420 | \$ 18,243,431 | \$ 24,822,321 | \$ 12,982,719 | \$ 24,167,061 | \$ 15,680,735 | \$ 24,994,215 | \$ 36,903,395 | \$ 18,760,770 | \$ 17,114,727 | \$ 45,356,033 | \$ 274,879,416 | | |
| Total Secondary Sales | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Total Special Sales For Resale | \$ 19,282,328 | \$ 17,939,383 | \$ 18,986,242 | \$ 25,604,574 | \$ 13,843,150 | \$ 25,011,948 | \$ 16,558,038 | \$ 25,781,705 | \$ 37,727,373 | \$ 19,485,491 | \$ 18,472,626 | \$ 46,712,445 | \$ 285,405,303 | | |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Purchased Power & Net Interchange | | | | | | | | | | | | | | | |
| Long Term Firm Purchases | | | | | | | | | | | | | | | |
| Cedar Springs Wind | 1,544,100 | 1,335,052 | 1,334,156 | 1,247,861 | 1,039,126 | 734,064 | 663,423 | 561,691 | 751,140 | 914,221 | 1,130,184 | 1,471,815 | 12,726,833 | | |
| Cedar Springs III Wind | 1,239,185 | 1,023,582 | 1,029,524 | 940,837 | 809,592 | 588,599 | 537,513 | 466,561 | 619,226 | 697,851 | 899,054 | 1,205,513 | 10,057,037 | | |
| Combine Hills Wind | 205,421 | 389,927 | 356,119 | 456,263 | 481,634 | 450,199 | 310,618 | 288,805 | 273,596 | 322,420 | 264,351 | 253,818 | 4,053,171 | | |
| Cove Mountain Solar | 221,300 | 266,708 | 329,959 | 408,421 | 777,189 | 471,354 | 419,885 | 499,425 | 493,908 | 313,359 | 217,223 | (516,876) | 3,901,856 | | |
| Cove Mountain Solar 2 - FaceBook | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Deseret Purchase | 3,669,272 | 3,228,764 | 3,283,186 | 3,139,551 | 3,044,783 | 3,114,112 | 3,586,595 | 3,452,638 | 3,243,947 | 3,783,371 | 3,755,191 | 3,815,169 | 41,116,580 | | |
| Eagle Mountain - UAMPS/UMPA | 195,257 | 181,487 | 165,365 | - | - | - | - | - | - | - | - | - | 542,109 | | |
| Gemstate | 150,059 | 150,059 | 150,059 | 150,059 | 150,059 | 150,059 | 150,059 | 150,059 | 150,059 | 150,059 | 120,118 | 174,899 | 1,820,447 | | |
| Graphite Solar | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Horseshoe Solar | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Hunter Solar | 419,390 | 490,438 | 556,046 | 682,296 | 759,059 | 752,575 | 684,858 | 646,119 | 618,131 | 581,298 | 397,105 | 287,589 | 6,874,903 | | |
| Hurricane Purchase | 19,600 | 21,431 | 17,609 | 14,518 | 10,595 | 11,965 | 18,511 | 22,819 | 50,956 | 23,400 | 33,075 | 42,525 | 287,004 | | |
| MagCorp Reserves | 254,378 | 199,990 | 213,973 | 219,361 | 210,203 | 192,984 | 302,320 | 228,970 | 84,972 | 34,067 | 35,791 | 34,726 | 2,011,735 | | |
| Milford Solar - FaceBook Oregon | 378,796 | 455,961 | 564,804 | 703,171 | 816,713 | 691,752 | 721,759 | 665,947 | 639,256 | 549,353 | 353,537 | 221,373 | 6,762,422 | | |
| Millican Solar | 116,522 | 163,441 | 165,451 | 232,295 | 299,715 | 316,018 | 360,426 | 343,341 | 259,811 | 217,930 | 111,574 | 91,887 | 2,678,413 | | |
| P4 Production | 2,090,911 | 1,716,667 | 1,716,667 | 1,716,667 | 1,716,667 | 1,716,667 | 1,716,667 | 1,716,667 | 1,716,667 | 1,716,667 | 1,716,667 | 1,716,667 | 20,974,244 | | |
| Nucor | 609,450 | 609,450 | 680,000 | 680,000 | 680,000 | 680,000 | 680,000 | 680,000 | 680,000 | 680,000 | 680,000 | 680,000 | 8,018,900 | | |
| Old Mill Solar | 24,753 | 35,334 | 49,086 | 58,620 | 75,898 | 71,174 | 92,726 | 64,901 | 47,556 | 31,409 | 17,488 | 14,602 | 583,547 | | |
| Pavant III Solar | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| PGE Cove | 16,184 | 16,379 | 16,379 | 16,379 | 16,379 | 16,379 | 16,379 | 16,379 | 16,379 | 16,379 | 16,379 | 16,379 | 196,359 | | |
| Prineville Solar | 80,011 | 111,715 | 137,888 | 170,393 | 198,819 | 199,750 | 251,235 | 228,718 | 175,833 | 147,615 | 74,594 | 60,509 | 1,837,081 | | |
| Rocket Solar | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Sigurd Solar | 399,536 | 440,257 | 364,803 | 337,190 | 595,444 | 691,918 | 619,822 | 528,535 | 476,059 | 505,555 | 324,389 | 225,047 | 5,508,554 | | |
| Skysol Solar | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Small Purchases east | 2,149 | 3,436 | 2,625 | 3,246 | 1,894 | 1,968 | 1,809 | 2,501 | 2,196 | 2,118 | 1,782 | (4,335) | 21,389 | | |
| Small Purchases west | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Amor IX - Univ of Utah | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Three Buttes Wind | 2,859,002 | 2,205,573 | 1,874,077 | 1,806,680 | 1,505,340 | 1,258,444 | 974,443 | 761,344 | 974,754 | 1,314,489 | 1,880,831 | 2,854,328 | 20,269,304 | | |
| Top of the World Wind | 5,496,835 | 4,429,941 | 3,909,170 | 3,845,938 | 3,135,672 | 2,562,109 | 1,627,437 | 1,634,416 | 2,067,270 | 2,846,480 | 3,855,910 | 5,716,685 | 41,127,862 | | |
| UT Solar Adjustment | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Wolverine Creek Wind | 438,945 | 564,321 | 901,419 | 1,196,383 | 1,058,043 | 876,082 | 685,882 | 512,093 | 668,353 | 581,852 | 810,556 | 867,995 | 9,161,926 | | |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Long Term Firm Purchases Total | \$ 20,431,055 | \$ 18,039,912 | \$ 17,818,367 | \$ 18,026,129 | \$ 17,382,827 | \$ 15,548,172 | \$ 14,422,368 | \$ 13,471,928 | \$ 14,010,070 | \$ 15,399,951 | \$ 16,750,582 | \$ 19,230,315 | \$ 200,531,676 | | |

| 2022 Adjusted Actual Net Power Cost | | | | | | | | | | | | | | Exhibit PAC/202 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|---------------|---------------|----------------|----------------|-----------------|
| | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Total 2022 | |
| Total Secondary Purchases | (0) | (0) | - | (0) | 0 | 0 | - | - | - | (0) | (2,303) | 2,303 | 0 | |
| Total Purchased Power & Net Interchange | \$ 52,929,563 | \$ 54,230,953 | \$ 55,600,528 | \$ 56,803,112 | \$ 52,148,641 | \$ 60,646,966 | \$ 131,707,850 | \$ 121,983,578 | \$ 120,420,174 | \$ 52,367,968 | \$ 59,069,371 | \$ 120,730,836 | \$ 938,639,538 | |
| Wheeling & U. of F. Expense | | | | | | | | | | | | | | |
| Firm Wheeling | \$ 11,381,355 | \$ 11,919,833 | \$ 12,607,933 | \$ 12,582,278 | \$ 12,211,733 | \$ 12,266,590 | \$ 12,739,450 | \$ 13,002,119 | \$ 13,008,691 | \$ 12,469,103 | \$ 12,640,521 | \$ 13,619,193 | \$ 150,448,799 | |
| Non-Firm Wheeling | 569,005 | 411,167 | 449,040 | 803,826 | 479,883 | 1,287,013 | 2,770,591 | 1,932,530 | 1,144,303 | 675,465 | 1,623,634 | 1,493,471 | 13,639,928 | |
| Total Wheeling & U. of F. Expense | \$ 11,950,361 | \$ 12,331,000 | \$ 13,056,973 | \$ 13,386,104 | \$ 12,691,616 | \$ 13,553,603 | \$ 15,510,041 | \$ 14,934,648 | \$ 14,152,994 | \$ 13,144,568 | \$ 14,264,155 | \$ 15,112,664 | \$ 164,088,727 | |

| 2022 Adjusted Actual Net Power Cost | | | | | | | | | | | | | | | Exhibit PAC/202 |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--|-----------------|
| | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Total 2022 | | |
| Net System Load | 5,455,893 | 4,880,881 | 4,875,036 | 4,590,041 | 4,715,262 | 4,902,447 | 6,230,413 | 6,014,684 | 5,018,651 | 4,691,355 | 5,116,743 | 5,688,517 | 62,179,922 | | |
| Special Sales For Resale | | | | | | | | | | | | | | | |
| Long Term Firm Sales | | | | | | | | | | | | | | | |
| Black Hills | 27,938 | 19,252 | 25,381 | 26,662 | 28,186 | 28,675 | 29,519 | 28,873 | 25,262 | 23,773 | 21,320 | 23,861 | 308,702 | | |
| Hurricane Sale | 22 | 20 | 23 | 23 | 24 | 24 | 25 | 25 | 23 | 22 | 20 | 20 | 270 | | |
| PSCO Craig Sale | - | - | - | - | - | - | - | - | - | - | 30,737 | 26,737 | 57,474 | | |
| Total Long Term Firm Sales | 27,960 | 19,272 | 25,404 | 26,685 | 28,210 | 28,699 | 29,545 | 28,897 | 25,284 | 23,794 | 52,077 | 50,618 | 366,446 | | |
| Total Short Term Firm Sales | 467,101 | 436,810 | 514,447 | 397,494 | 276,122 | 554,533 | 229,684 | 238,771 | 287,412 | 288,110 | 234,982 | 299,601 | 4,225,069 | | |
| Total Secondary Sales | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Total Special Sales For Resale | 495,061 | 456,082 | 539,851 | 424,178 | 304,332 | 583,233 | 259,229 | 267,669 | 312,697 | 311,904 | 287,059 | 350,219 | 4,591,515 | | |
| Total Requirements | 5,950,954 | 5,336,963 | 5,414,887 | 5,014,219 | 5,019,594 | 5,485,680 | 6,489,642 | 6,282,353 | 5,331,348 | 5,003,259 | 5,403,803 | 6,038,737 | 66,771,437 | | |
| Purchased Power & Net Interchange | | | | | | | | | | | | | | | |
| Long Term Firm Purchases | | | | | | | | | | | | | | | |
| Cedar Springs Wind | 99,619 | 86,132 | 86,075 | 80,507 | 67,040 | 47,359 | 42,801 | 36,238 | 48,461 | 58,982 | 72,915 | 94,956 | 821,086 | | |
| Cedar Springs III Wind | 70,010 | 57,829 | 58,165 | 53,155 | 45,740 | 33,254 | 30,368 | 28,359 | 34,984 | 39,427 | 50,794 | 68,108 | 568,194 | | |
| Combine Hills Wind | 4,008 | 7,608 | 6,949 | 8,903 | 9,398 | 8,784 | 6,061 | 5,635 | 5,338 | 6,291 | 5,158 | 4,953 | 79,086 | | |
| Cove Mountain Solar | 9,164 | 11,044 | 13,663 | 16,912 | 16,650 | 19,518 | 17,387 | 14,507 | 14,279 | 12,976 | 8,995 | 6,475 | 161,568 | | |
| Cove Mountain Solar 2 - FaceBook | 18,632 | 22,301 | 28,198 | 34,943 | 34,276 | 40,195 | 36,284 | 29,702 | 29,141 | 26,081 | 18,113 | 13,421 | 331,287 | | |
| Deseret Purchase | 63,899 | 46,375 | 48,540 | 42,826 | 39,056 | 41,814 | 60,610 | 55,281 | 46,979 | 68,438 | 67,317 | 69,703 | 650,838 | | |
| Eagle Mountain - UAMPS/UMPA | 4,040 | 3,728 | 3,404 | - | - | - | - | - | - | - | - | - | 11,172 | | |
| Gemstate | - | - | - | - | - | 7,380 | 13,151 | 13,907 | - | - | - | - | 34,438 | | |
| Graphite Solar | - | - | - | - | - | 11,365 | 21,195 | 20,964 | 16,497 | 18,141 | 11,786 | 8,669 | 108,618 | | |
| Horseshoe Solar | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Hunter Solar | 16,642 | 19,462 | 22,065 | 27,075 | 30,121 | 29,864 | 27,177 | 25,640 | 24,529 | 23,067 | 15,758 | 11,412 | 272,814 | | |
| Hurricane Purchase | 281 | 307 | 253 | 210 | 152 | 171 | 265 | 351 | 554 | 187 | 265 | 340 | 3,335 | | |
| MagCorp Reserves | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Milford Solar - FaceBook Oregon | 14,530 | 17,490 | 21,665 | 26,972 | 31,328 | 26,534 | 27,685 | 25,545 | 24,521 | 21,072 | 13,561 | 8,491 | 259,395 | | |
| Millican Solar | 6,162 | 8,643 | 8,749 | 12,284 | 15,850 | 16,712 | 19,060 | 18,157 | 13,739 | 11,525 | 5,900 | 4,859 | 141,640 | | |
| P4 Production | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Nucor | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Old Mill Solar | 330 | 471 | 654 | 782 | 1,012 | 949 | 1,236 | 865 | 634 | 419 | 233 | 195 | 7,781 | | |
| Pavant III Solar | 2,806 | 3,196 | 4,168 | 4,789 | 5,416 | 5,013 | 4,962 | 4,496 | 4,203 | 3,444 | 2,074 | 1,472 | 46,040 | | |
| PGE Cove | 1,013 | 912 | 1,012 | 941 | 965 | 989 | 857 | 744 | 729 | 1,013 | 842 | 1,039 | 11,056 | | |
| Prineville Solar | 4,231 | 5,908 | 7,292 | 9,011 | 10,514 | 10,563 | 13,286 | 12,095 | 9,298 | 7,806 | 3,945 | 3,200 | 97,149 | | |
| Rocket Solar | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Sigurd Solar | 14,787 | 16,294 | 13,501 | 12,479 | 22,037 | 25,608 | 22,939 | 19,561 | 17,619 | 18,710 | 12,006 | 8,329 | 203,870 | | |
| Skysol Solar | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Small Purchases east | 18 | 33 | 25 | 19 | 18 | 20 | 18 | 24 | 21 | 21 | 14 | (79) | 153 | | |
| Small Purchases west | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Amor IX - Univ of Utah | 13,458 | 11,629 | 12,395 | 9,094 | 11,258 | 9,250 | 8,056 | 8,297 | 8,004 | 10,950 | 12,507 | 12,488 | 127,386 | | |
| Three Buttes Wind | 44,835 | 34,570 | 29,374 | 28,318 | 23,595 | 19,725 | 15,273 | 11,933 | 15,278 | 20,603 | 29,480 | 44,739 | 317,723 | | |
| Top of the World Wind | 58,870 | 54,910 | 47,439 | 42,610 | 40,256 | 21,648 | 18,053 | 17,905 | 20,409 | 20,307 | 19,562 | 32,540 | 394,510 | | |
| UT Solar Adjustment | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Wolverine Creek Wind | 6,992 | 8,989 | 14,358 | 19,057 | 16,853 | 13,955 | 10,925 | 8,157 | 10,646 | 9,268 | 12,911 | 13,826 | 145,937 | | |
| Long Term Firm Purchases Total | 454,327 | 417,832 | 427,947 | 430,886 | 421,534 | 390,670 | 397,650 | 356,363 | 345,866 | 378,729 | 364,135 | 409,136 | 4,795,075 | | |

| 2022 Adjusted Actual Net Power Cost | | | | | | | | | | | | | | | Exhibit PAC/202 |
|-------------------------------------|----------|----------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|------------|--|-----------------|
| | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Total 2022 | | |
| Qualifying Facilities | | | | | | | | | | | | | | | |
| QF California | 2,678 | 5,461 | 5,646 | 4,105 | 3,123 | 2,727 | 2,175 | 331 | 319 | 319 | 2,538 | 3,714 | 33,136 | | |
| QF Idaho | 7,125 | 6,059 | 8,686 | 8,223 | 9,325 | 12,232 | 10,097 | 8,286 | 7,797 | 8,796 | 8,214 | 7,799 | 102,638 | | |
| QF Oregon | 35,065 | 39,698 | 46,819 | 55,024 | 67,551 | 68,763 | 69,183 | 62,166 | 52,738 | 45,044 | 27,478 | 20,096 | 589,624 | | |
| QF Utah | 13,150 | 15,315 | 18,476 | 20,989 | 24,311 | 21,862 | 19,765 | 17,210 | 19,280 | 19,865 | 12,644 | 7,123 | 209,989 | | |
| QF Washington | - | 0 | - | 225 | 0 | 421 | 2,064 | 1,564 | 672 | 205 | - | - | 5,152 | | |
| QF Wyoming | 114 | 125 | 114 | 191 | 175 | 35 | 50 | 55 | 86 | 244 | 43 | 158 | 1,389 | | |
| Biomass One QF | 21,075 | 18,576 | 20,810 | 19,503 | - | - | 19,335 | 18,784 | 19,181 | 20,173 | 20,165 | 9,620 | 187,221 | | |
| Chopin Wind QF | 2,094 | 3,127 | 2,776 | 2,841 | 2,816 | 2,377 | 1,890 | 1,992 | 1,603 | 2,179 | 2,123 | 1,913 | 27,731 | | |
| Chopin Schumann Wind QF | - | - | - | - | - | - | - | - | - | 958 | 1,354 | 1,561 | 3,872 | | |
| DCFP QF | 41 | 23 | 69 | 106 | 183 | 196 | 557 | 562 | 528 | 452 | 246 | 352 | 3,315 | | |
| Enterprise Solar I QF | 13,547 | 15,913 | 18,850 | 22,954 | 26,992 | 25,725 | 23,455 | 19,519 | 19,224 | 18,698 | 13,485 | 9,357 | 227,719 | | |
| Escalante 1 Solar QF | 12,128 | 14,300 | 17,153 | 20,846 | 23,723 | 23,862 | 22,029 | 19,554 | 19,781 | 17,039 | 11,698 | 7,334 | 209,449 | | |
| Escalante 2 Solar QF | 11,325 | 13,847 | 17,502 | 20,748 | 23,813 | 23,762 | 22,272 | 19,581 | 19,461 | 16,855 | 11,780 | 7,259 | 208,205 | | |
| Escalante 3 Solar QF | 11,835 | 14,100 | 15,539 | 20,950 | 24,202 | 24,204 | 22,523 | 19,810 | 19,934 | 16,862 | 11,646 | 7,472 | 209,076 | | |
| ExxonMobil QF | - | - | 668 | 0 | 51 | - | - | 177 | 0 | - | - | 49 | 947 | | |
| Five Pine Wind QF | 5,227 | 4,888 | 8,864 | 11,403 | 10,848 | 9,296 | 6,330 | 5,394 | 7,037 | 5,709 | 8,522 | 9,523 | 93,042 | | |
| Granite Mountain East Solar QF | 12,207 | 14,145 | 17,290 | 21,356 | 25,146 | 24,223 | 20,459 | 17,695 | 17,029 | 16,211 | 11,702 | 8,114 | 205,575 | | |
| Granite Mountain West Solar QF | 7,446 | 8,655 | 10,907 | 2,601 | 15,775 | 14,389 | 12,597 | 11,152 | 10,375 | 10,014 | 7,373 | 4,985 | 116,268 | | |
| Iron Springs QF | 12,035 | 15,241 | 17,556 | 15,132 | 24,831 | 24,341 | 21,344 | 18,201 | 17,568 | 17,104 | 12,330 | 8,520 | 204,204 | | |
| Latigo Wind QF | 11,553 | 16,812 | 17,322 | 19,051 | 16,887 | 8,624 | 6,637 | 6,719 | 9,207 | 9,140 | 16,914 | 17,248 | 156,115 | | |
| Mountain Wind 1 QF | 20,272 | 19,448 | 14,764 | 16,971 | 13,507 | 4,647 | 7,872 | 4,656 | 6,057 | 10,321 | 16,322 | 17,786 | 152,625 | | |
| Mountain Wind 2 QF | 27,049 | 26,316 | 18,516 | 20,402 | 17,282 | 12,090 | 10,531 | 5,560 | 7,845 | 13,633 | 20,460 | 27,004 | 206,687 | | |
| North Point Wind QF | 9,745 | 11,145 | 19,997 | 24,205 | 21,034 | 19,722 | 13,306 | 12,221 | 15,555 | 13,349 | 16,623 | 18,355 | 195,257 | | |
| Orchard Wind 1 QF | 777 | 1,221 | 529 | 2,412 | 2,182 | 1,647 | 1,680 | 1,501 | 1,310 | 846 | 1,206 | 615 | 15,926 | | |
| Orchard Wind 2 QF | 787 | 1,236 | 1,696 | 2,409 | 1,789 | 1,708 | 1,667 | 1,417 | 1,296 | 809 | 1,213 | 768 | 16,796 | | |
| Orchard Wind 3 QF | 800 | 1,186 | 1,841 | 2,204 | 2,105 | 1,551 | 1,671 | 1,430 | 1,256 | 754 | 996 | 1,224 | 17,019 | | |
| Orchard Wind 4 QF | 867 | 1,284 | 1,928 | 2,198 | 2,291 | 1,700 | 1,708 | 1,534 | 1,305 | 918 | 918 | 1,457 | 18,106 | | |
| Oregon Wind Farm QF | 5,212 | 11,271 | 11,300 | 13,876 | 13,676 | 12,600 | 13,023 | 11,866 | 9,561 | 7,562 | 9,065 | 6,018 | 125,030 | | |
| Pavant II Solar QF | 6,940 | 7,865 | 10,203 | 12,073 | 13,120 | 14,502 | 13,657 | 11,735 | 9,713 | 8,462 | 5,083 | 3,079 | 116,432 | | |
| Pioneer Wind 1 QF | 31,552 | 23,622 | 18,984 | 16,168 | 13,996 | 12,855 | 8,901 | 8,106 | 10,676 | 18,126 | 23,849 | 32,013 | 218,846 | | |
| Power County North Wind QF | 3,159 | 5,632 | 6,995 | 6,693 | 7,020 | 5,334 | 3,531 | 3,063 | 4,292 | 4,401 | 5,024 | 5,523 | 60,666 | | |
| Power County South Wind QF | 3,396 | 4,487 | 6,085 | 6,253 | 5,741 | 4,475 | 3,250 | 2,471 | 3,787 | 3,770 | 5,591 | 5,407 | 54,713 | | |
| Roseburg Dillard QF | 4,102 | 4,667 | 4,879 | 4,633 | 5,703 | 3,978 | 5,206 | 2,462 | 3,792 | 1,485 | 3,709 | 9,327 | 53,943 | | |
| Sage I Solar QF | 1,694 | 2,564 | 3,891 | 4,252 | 4,202 | 4,724 | 5,603 | 4,890 | 4,580 | 3,698 | 2,243 | 1,267 | 43,607 | | |
| Sage II Solar QF | 1,479 | 2,978 | 3,684 | 3,647 | 4,095 | 5,333 | 5,440 | 4,496 | 4,208 | 4,130 | 2,243 | 1,259 | 42,991 | | |
| Sage III Solar QF | 1,625 | 2,218 | 3,026 | 3,112 | 3,357 | 4,528 | 5,274 | 4,555 | 4,252 | 3,719 | 2,005 | 1,188 | 38,861 | | |
| Spanish Fork Wind 2 QF | 4,088 | 3,353 | 3,596 | 2,828 | 2,125 | 3,015 | 4,462 | 4,017 | 4,147 | 4,374 | 3,102 | 3,479 | 42,585 | | |
| Sunnyside QF | 38,156 | 30,865 | 38,077 | 16,428 | 38,257 | 37,071 | 38,278 | 38,330 | 36,950 | 21,259 | 36,870 | 34,354 | 404,895 | | |
| Sweetwater Solar QF | 9,906 | 11,104 | 16,461 | 17,938 | 20,135 | 22,464 | 22,623 | 19,921 | 17,892 | 14,420 | 8,008 | 5,625 | 186,499 | | |
| Tesoro QF | 613 | 350 | 130 | 22 | 9 | 2 | - | 46 | 0 | 6 | 10 | 233 | 1,423 | | |
| Three Peaks Solar QF | 13,356 | 16,195 | 18,905 | 21,440 | 26,676 | 24,449 | 21,908 | 18,504 | 16,971 | 16,516 | 12,264 | 8,952 | 216,136 | | |
| Threemile Canyon Wind QF | 665 | 1,961 | 1,787 | 2,300 | 2,540 | 2,218 | 2,065 | 1,829 | 1,580 | 1,163 | 1,062 | 783 | 19,954 | | |
| Utah Pavant Solar QF | 5,716 | 6,646 | 8,507 | 9,982 | 10,959 | 12,215 | 11,782 | 9,936 | 9,125 | 8,241 | 5,235 | 3,663 | 102,006 | | |
| Utah Red Hills Solar QF | 11,630 | 14,489 | 17,048 | 13,470 | 30,812 | 24,476 | 20,897 | 18,089 | 18,061 | 16,453 | 11,709 | 8,007 | 205,141 | | |
| Qualifying Facilities Total | 382,232 | 418,388 | 477,877 | 492,165 | 562,363 | 524,344 | 507,096 | 441,386 | 436,030 | 404,280 | 375,065 | 329,583 | 5,350,809 | | |
| Mid-Columbia Contracts | | | | | | | | | | | | | | | |
| Grant - Priest Rapids | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Grant Reasonable | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Grant Surplus | 17,954 | 9,978 | 2,072 | 6,566 | 9,071 | 9,954 | 9,527 | 9,795 | 5,541 | 4,676 | 7,143 | 8,200 | 100,478 | | |
| Grant Wanapum | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Mid-Columbia Contracts Total | 17,954 | 9,978 | 2,072 | 6,566 | 9,071 | 9,954 | 9,527 | 9,795 | 5,541 | 4,676 | 7,143 | 8,200 | 100,478 | | |
| Total Long Term Firm Purchases | 854,513 | 846,198 | 907,895 | 929,617 | 992,969 | 924,968 | 914,273 | 807,544 | 787,438 | 787,685 | 746,342 | 746,920 | 10,246,362 | | |
| Storage & Exchange | | | | | | | | | | | | | | | |
| Cowlitz Swift | (8,246) | (13,625) | 307 | (14,693) | 17,722 | 4,641 | (5,708) | (5,922) | (8,565) | 7,522 | 11,938 | (7,184) | (21,813) | | |
| PSCo Exchange | 99 | 85 | - | - | - | - | - | - | - | - | - | 288 | 452 | | |
| SCL State Line | (33,840) | (39,505) | - | - | - | - | - | - | - | - | - | - | (73,345) | | |
| Total Storage & Exchange | (41,987) | (53,045) | 307 | (14,693) | 17,722 | 4,641 | (5,708) | (5,922) | (8,565) | 7,522 | 11,938 | (6,916) | (94,706) | | |

| 2022 Adjusted Actual Net Power Cost | | | | | | | | | | | | | | | Exhibit PAC/202 |
|--|----------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|----------------|----------------|------------------|------------------|-------------------|--|-----------------|
| | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Total 2022 | | |
| Total Short Term Firm Purchases | 167,928 | 309,987 | 286,969 | 44,881 | 23,906 | 743,181 | 915,421 | 698,736 | 105,561 | 132,086 | 253,414 | 395,673 | 4,077,742 | | |
| Total Secondary Purchases | 1,370 | 9,972 | 3,370 | 78 | 697 | 311 | 2,545 | (884) | 4,218 | 2,110 | 2,015 | 1,915 | 27,715 | | |
| Total Purchased Power & Net Interchange | 981,824 | 1,113,113 | 1,198,541 | 959,882 | 1,035,293 | 1,673,101 | 1,826,531 | 1,499,474 | 888,651 | 929,402 | 1,013,709 | 1,137,592 | 14,257,113 | | |

| 2022 Adjusted Actual Net Power Cost | | | | | | | | | | | | | | | Exhibit PAC/202 |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--|-----------------|
| | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Total 2022 | | |
| Coal Generation | | | | | | | | | | | | | | | |
| Colstrip | 107,678 | 87,452 | 105,735 | 48,902 | 62,976 | 77,595 | 97,988 | 104,136 | 88,209 | 106,452 | 97,850 | 95,504 | 1,080,477 | | |
| Craig | 108,532 | 75,241 | 96,037 | 91,615 | 101,070 | 92,495 | 97,178 | 106,523 | 98,884 | 81,659 | 66,178 | 51,328 | 1,066,740 | | |
| Dave Johnston | 283,360 | 279,895 | 352,246 | 179,372 | 232,052 | 260,040 | 375,475 | 331,823 | 376,401 | 333,904 | 319,605 | 257,746 | 3,581,919 | | |
| Hayden | 54,717 | 43,930 | 40,635 | 40,025 | 30,587 | 38,746 | 47,276 | 48,776 | 41,692 | 41,725 | 44,323 | 50,640 | 523,072 | | |
| Hunter | 656,821 | 506,717 | 327,003 | 410,902 | 599,263 | 624,207 | 702,793 | 699,341 | 468,828 | 203,151 | 263,034 | 403,700 | 5,865,760 | | |
| Huntington | 539,332 | 445,621 | 464,080 | 471,297 | 460,886 | 424,855 | 526,211 | 577,934 | 530,885 | 286,250 | 438,440 | 507,324 | 5,673,115 | | |
| Jim Bridger | 546,236 | 480,878 | 604,740 | 544,518 | 533,351 | 428,698 | 778,834 | 763,054 | 731,146 | 794,713 | 609,341 | 560,608 | 7,376,117 | | |
| Naughton 1 & 2 | 206,569 | 85,854 | 91,274 | 81,841 | 111,446 | 109,973 | 202,574 | 206,453 | 181,769 | 208,890 | 170,734 | 222,593 | 1,879,970 | | |
| Wyodak | 83,550 | 121,866 | 127,375 | 72,711 | 2 | 116,808 | 133,987 | 166,814 | 121,240 | 157,634 | 119,935 | 121,889 | 1,343,811 | | |
| Total Coal Generation | 2,586,795 | 2,127,454 | 2,209,125 | 1,941,183 | 2,131,633 | 2,173,417 | 2,962,316 | 3,004,854 | 2,639,054 | 2,214,378 | 2,129,440 | 2,271,332 | 28,390,981 | | |
| Gas Generation | | | | | | | | | | | | | | | |
| Chehalis | 125,384 | 139,501 | 80,614 | 212,498 | (471) | 2,871 | 182,021 | 236,233 | 245,562 | 315,880 | 311,140 | 320,761 | 2,171,994 | | |
| Currant Creek | 257,090 | 241,372 | 226,708 | 234,162 | 179,358 | 213,110 | 209,454 | 239,479 | 224,078 | 239,252 | 266,306 | 275,610 | 2,805,979 | | |
| Gadsby | (243) | 114 | (301) | 1,316 | 5,282 | 10,124 | 25,588 | 28,087 | 16,948 | 14,317 | 6,632 | 7,609 | 115,473 | | |
| Gadsby CT | (25) | 258 | 128 | 187 | (149) | (24) | 890 | 696 | 867 | 46 | 13 | 461 | 3,348 | | |
| Hermiston | 130,938 | 124,670 | 128,862 | 135,930 | 125,118 | 98,816 | 118,302 | 134,845 | 132,717 | 4,573 | 148,272 | 150,835 | 1,433,878 | | |
| Lake Side 1 | 300,761 | 261,431 | 188,443 | 243,628 | 246,617 | 205,676 | 236,227 | 233,974 | 272,646 | 268,152 | 280,946 | 308,687 | 3,047,188 | | |
| Lake Side 2 | 347,014 | 295,783 | 271,073 | 202,574 | 210,193 | 270,877 | 281,665 | 323,913 | 317,115 | 298,637 | 344,997 | 367,644 | 3,531,485 | | |
| Naughton 3 | (982) | (1,093) | (1,139) | 35,775 | 64,962 | 49,784 | 74,617 | 87,751 | 56,501 | 77,175 | 52,526 | 80,354 | 576,231 | | |
| Total Gas Generation | 1,159,937 | 1,062,036 | 894,388 | 1,066,070 | 830,910 | 851,234 | 1,128,764 | 1,284,978 | 1,266,434 | 1,218,032 | 1,410,832 | 1,511,961 | 13,685,576 | | |
| Hydro Generation | | | | | | | | | | | | | | | |
| West Hydro | 338,705 | 185,185 | 356,460 | 260,860 | 356,464 | 292,290 | 155,842 | 122,582 | 125,261 | 140,275 | 201,574 | 210,276 | 2,745,774 | | |
| East Hydro | 5,423 | 4,539 | 12,268 | 21,693 | 14,882 | 22,755 | 40,444 | 28,312 | 19,412 | 6,584 | 6,837 | 6,837 | 189,984 | | |
| Total Hydro Generation | 344,128 | 189,724 | 368,728 | 282,553 | 371,346 | 315,045 | 196,286 | 150,894 | 144,673 | 146,859 | 208,411 | 217,113 | 2,935,758 | | |
| Other Generation | | | | | | | | | | | | | | | |
| Black Cap Solar | 118 | 258 | 362 | 426 | 391 | 394 | 535 | 439 | 412 | 345 | 168 | 85 | 3,934 | | |
| Blundell | 26,678 | 23,814 | 24,414 | 22,604 | 24,615 | 21,953 | 20,656 | 18,500 | 18,737 | 20,510 | 16,185 | 23,463 | 262,129 | | |
| Cedar Springs II Wind | 88,878 | 70,782 | 71,034 | 61,228 | 48,192 | 27,670 | 24,877 | 26,090 | 33,173 | 40,097 | 43,577 | 67,923 | 603,521 | | |
| Dunlap I Wind | 61,119 | 53,647 | 44,975 | 44,397 | 34,436 | 28,214 | 18,705 | 16,572 | 19,169 | 33,322 | 47,925 | 67,400 | 469,881 | | |
| Ekola Flats Wind | 97,926 | 98,340 | 74,009 | 74,670 | 60,742 | 48,845 | 30,435 | 28,631 | 34,434 | 56,970 | 78,077 | 122,649 | 805,728 | | |
| Footo Creek I Wind | 23,799 | 22,350 | 18,281 | 20,959 | 17,191 | 13,358 | 9,897 | 10,579 | 12,557 | 15,070 | 19,795 | 24,913 | 208,749 | | |
| Glenrock Wind | 50,641 | 38,960 | 35,671 | 33,102 | 31,987 | 18,141 | 14,272 | 13,891 | 18,157 | 18,934 | 18,472 | 36,307 | 328,535 | | |
| Glenrock III Wind | 19,240 | 14,725 | 13,276 | 12,620 | 12,006 | 7,013 | 5,325 | 4,825 | 6,459 | 7,098 | 7,114 | 13,422 | 123,123 | | |
| Goodnoe Wind | 14,573 | 25,590 | 25,219 | 27,398 | 32,059 | 24,848 | 24,086 | 21,209 | 21,762 | 17,005 | 14,743 | 17,312 | 265,804 | | |
| High Plains Wind | 42,123 | 42,727 | 40,490 | 42,292 | 34,456 | 25,066 | 18,412 | 14,326 | 17,668 | 25,379 | 31,695 | 49,331 | 383,965 | | |
| Leaning Juniper 1 | 10,511 | 20,397 | 22,294 | 29,008 | 31,202 | 23,574 | 27,783 | 24,543 | 21,253 | 16,328 | 14,447 | 12,068 | 253,408 | | |
| Marengo I Wind | 27,239 | 43,943 | 40,261 | 41,804 | 45,884 | 29,814 | 22,608 | 24,025 | 24,099 | 30,988 | 26,290 | 34,548 | 391,503 | | |
| Marengo II Wind | 13,662 | 21,046 | 20,001 | 20,127 | 21,735 | 15,389 | 11,543 | 13,290 | 12,162 | 16,212 | 14,717 | 16,746 | 196,630 | | |
| McFadden Ridge Wind | 12,361 | 13,006 | 12,414 | 12,599 | 10,296 | 7,795 | 5,802 | 4,575 | 5,489 | 7,616 | 9,385 | 14,378 | 115,716 | | |
| Pryor Mountain Wind | 106,762 | 82,650 | 77,864 | 80,677 | 58,510 | 44,612 | 46,097 | 35,493 | 45,712 | 47,299 | 92,169 | 96,272 | 814,117 | | |
| Rolling Hills Wind | 46,217 | 35,771 | 31,244 | 30,210 | 28,348 | 15,454 | 11,470 | 10,761 | 14,273 | 15,456 | 15,668 | 31,484 | 286,356 | | |
| Seven Mile Wind | 50,907 | 47,305 | 39,699 | 41,270 | 31,992 | 28,333 | 17,246 | 15,444 | 19,003 | 24,797 | 40,670 | 56,415 | 413,081 | | |
| Seven Mile II Wind | 10,450 | 10,094 | 8,179 | 8,535 | 6,781 | 5,992 | 3,850 | 3,318 | 4,075 | 5,366 | 8,423 | 11,780 | 86,843 | | |
| TB Flats Wind I | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| TB Flats Wind II | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| TB Flats Wind | 175,066 | 179,232 | 144,418 | 160,605 | 119,589 | 86,417 | 62,146 | 55,642 | 63,942 | 95,795 | 141,891 | 204,243 | 1,488,986 | | |
| Total Other Generation | 878,270 | 844,637 | 744,105 | 764,531 | 650,412 | 472,882 | 375,745 | 342,153 | 392,536 | 494,587 | 641,411 | 900,739 | 7,502,009 | | |
| Total Resources | 5,950,954 | 5,336,963 | 5,414,887 | 5,014,219 | 5,019,594 | 5,485,680 | 6,489,642 | 6,282,353 | 5,331,348 | 5,003,259 | 5,403,803 | 6,038,737 | 66,771,437 | | |

Application No. 23-09-____
Exhibit No. PAC/203-C
Witness: Jack Painter

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

Adjusted Actual/Projected 2023 Net Power Costs

[CONFIDENTIAL]

September 2023

Application No. 23-09-____
Exhibit No. PAC/204-C
Witness: Jack Painter

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP 2024 ECAC

ARB Administrative Costs

[PUBLIC VERSION]

September 2023

CONFIDENTIAL Exhibit PAC/204
California Air Resources Boards
Administrative Costs⁽¹⁾
September 15, 2023

CONFIDENTIAL INFORMATION IS SHADED

| | <u>2022</u> Forecast | <u>2022</u> Actual | <u>2023</u> Forecast | <u>2023</u> Forecast/Actual | <u>2024</u> Forecast |
|---|-------------------------|-----------------------|-------------------------|--------------------------------|-------------------------|
| CARB Implementation Fees | | | | | |
| Mandatory Reporting Verification Costs | | | | | |
| Total Administrative Costs ⁽¹⁾ | \$ 46,189 | \$ 51,640 | \$ 86,625 | \$ 86,625 | \$ 71,304 |

⁽¹⁾ Excludes etimated emission obligation cost from the purchase of allowances and forecast revenue from the sale of directly allocated allowances On August 1, 2013 PacifiCorp filed a separate application forecasting the costs from the purchase of allowances and revenue from the sale of allowances