

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

LC 77

In the Matter of

PACIFICORP, dba PACIFIC POWER,

2021 Integrated Resource Plan.

BENCH REQUEST

The questions below seek additional information in advance of the Commission's February 24, 2022 workshop. PacifiCorp, dba Pacific Power, is asked to respond to this bench request by 1:00 p.m. on February 23, 2022.

1. **Staff Recommendation #7, Sensitivity Removing Take or Pay Assumptions:** For the results of PacifiCorp's sensitivity that removes any take or pay assumptions in Plexos in any years after there is an existing contract:
  - a. Compare the level of dispatch of each thermal plant and other resource types in the sensitivity versus the preferred portfolio.
  - b. Report the fuel cost savings at Jim Bridger 3 and 4 by year.
  - c. Explain when Jim Bridger 3 and 4 provide the highest value: *i.e.*, which months and hours have the highest capacity value and what is that capacity value?
  - d. Explain when in the year (which hours and months or which system conditions) the reliability of the system requires the full output of the Jim Bridger units in key years, such as in 2025, after the 2020 All-Source Request for Proposal (2020AS RFP) final shortlist resources have come online.
2. **Amount of Coal Generation in the IRP vs. RFP:** Please address the overall level of coal generation in the 2021 IRP preferred portfolio in 2025 and 2026 compared to the amount of coal generation in those years in the 2020AS RFP final shortlist modeling.
3. **Amount of Off-System Sales in the IRP vs. RFP:** For the years 2025 and 2026, please provide the amount of market sales (in GWh and dollars) in the 2021 Integrated Resource Plan (IRP) preferred portfolio compared to the variant "P02h – JB 3-4 Retire" and the 2020AS RFP final shortlist modeling.
4. **Minimum Take Levels in the IRP vs. RFP:** Please compare the minimum take modeling assumptions for each coal plant from the 2020AS RFP final shortlist with the minimum take assumptions in the 2021 IRP.

5. **GHG Emissions in the IRP vs RFP:** Please compare the annual greenhouse gas emissions in the 2021 preferred portfolio and the 2020AS RFP final shortlist modeling and describe drivers of any differences.
  
6. **Analysis Supporting the Assumptions Used in the IRP:**
  - a. Please address whether inclusion of minimum take levels for the coal plants has increased the forecasted level of market sales in the preferred portfolio. Include a discussion of the assumptions, such as fuel cost, influencing Plexos' decisions regarding when and for what purpose to dispatch coal plants before minimum take levels are reached.
  - b. Referencing Sierra Club's Confidential Table 3, please detail the analysis performed to arrive at the minimum take levels assumed for Jim Bridger.
  - c. Please specifically address the reasons for the changes in the minimum take level at the third-party mine shown in Sierra Club's Confidential Table 3.
  
7. **Explanation of the Selection of the Preferred Portfolio over a Variant:**
  - a. Please describe, with specificity, the reasons for the \$60 million difference between the portfolios described at page 13 of the Staff Report. Include a discussion of whether market sales contribute to the difference.
  - b. Describe the technology or resource type of the next marginal resource the model can select instead of Jim Bridger 3 and 4.
    - i. Provide the capital, fixed, and variable operating cost and the potential contribution to market sales revenue of the next marginal resource compared to the fixed and variable costs of continuing to run Jim Bridger.

Dated this 17<sup>th</sup> day of February, 2022, at Salem, Oregon.



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Katharine Mapes  
Administrative Law Judge



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Sarah Rowe  
Administrative Law Judge