

**Exh. ASR-17
Docket UE-220376
Witness: Andrew Rector**

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

**PACIFICORP, d/b/a PACIFIC POWER
& LIGHT COMPANY,**

Respondent.

DOCKET UE-220376

**EXHIBIT TO
TESTIMONY OF**

ANDREW RECTOR

**STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

PacifiCorp 2021 Resource Planning Revised Work Plan (April 1, 2021)

October 21, 2022

Attachment B

PacifiCorp Updated 2021 IRP Work Plan

2021 Resource Planning Revised Work Plan

**Washington Utilities and
Transportation Commission**
(April 1, 2021)

INTRODUCTION

PacifiCorp submits this updated work plan for its 2021 integrated resource plan (2021 IRP), reflective of the updated filing date of the final IRP of no later than September 1, 2021. PacifiCorp reiterates the expected content of its 2021 IRP, the updated public participation process in support of the updated filing date, and the anticipated contingencies between the IRP and the Clean Energy Implementation Plan (CEIP) .

This work plan is based on the best information available to PacifiCorp at this time, and may change for reasons including:

- PacifiCorp will continue to receive and consider stakeholder input and may implement methodology changes, as appropriate, to support the 2021 IRP.
- Market or regulatory developments may prompt the need for additional system modeling or impact assessment.

For the most updated information on the stakeholder input process, please visit:

<https://www.pacificorp.com/energy/integrated-resource-plan/public-input-process.html>

CONTENTS OF THE 2021 INTEGRATED RESOURCE PLAN

PacifiCorp's IRP is expected to consist of two volumes: a main document and supporting appendices. As dictated by the size of the appendices, PacifiCorp may split the supporting appendices for the 2021 IRP into two volumes, which could add a third volume. The main document, or Volume I, is expected to contain the following chapters:

- **Executive Summary**
- **Introduction:** This chapter summarizes any notable planning process improvements and modeling advancements implemented in the planning cycle, summarizes significant events and accomplishments including an overview of the public process, and lists the report contents.
- **The Planning Environment:** This chapter profiles major external influences that impact the PacifiCorp's long-term planning (market conditions and developments, legislative and regulatory events, etc.) and summarizes activities supporting resource procurement.
- **Transmission Planning:** This chapter describes PacifiCorp's long-term transmission planning initiatives, focusing on activities associated with the Energy Gateway Transmission projects and other regional planning efforts.
- **Load and Resource Balance:** This chapter presents PacifiCorp's load and resource balance, which characterizes PacifiCorp's capacity and energy positions on a system and control area basis for the next 10 years if no incremental future resource actions were taken.
- **Resource Options:** This chapter provides background information on the resources considered in the IRP, detailing cost and performance attributes and current market outlook. Resources covered include utility-scale generation technologies, demand-side management (DSM), energy storage technologies, and firm market purchases by market hub.

- **Reliability:** The reliability chapter will include discussion of regional resource adequacy, weather-related resiliency of energy supply and delivery, and PacifiCorp's wildfire mitigation activities across the states served by the Company.
- **Modeling and Portfolio Evaluation Approach:** This chapter describes the modeling methods and portfolio evaluation techniques used to determine the relative portfolio cost/risk performance attributes and the overall portfolio selection process. The CEAP will require modifications (or additions) to the modeling and portfolio evaluation approach relative to meeting Washington State resource requirements. Ideally these modifications will take the form of additional modeling requirements that can be accurately and endogenously implemented into the Company's multi-state system-level modeling. If this is not possible, the Company will perform additional distinct analysis to fulfill CEAP requirements.
- **Modeling and Portfolio Selection Results:** This chapter summarizes the portfolio development and production cost modeling results, and presents PacifiCorp's preferred resource portfolio.
- **Action Plan and Resource Procurement:** This chapter presents PacifiCorp's action plan and an acquisition path analysis that describes how resource acquisition strategies will be modified in response to changing conditions as informed by the modeling process. Other resource risk management issues are also discussed. The Action Plan also addresses state-specific requirements. CEAP-related activities will be delineated in this section to indicate necessary steps the Company will take in the short-term action planning period, and will also provide a road-map for items to be address in the regulatory compliance appendix of the next IRP .

Volume II (and as necessary, Volume III) is expected to contain technical data and supplemental analysis covering: (1) model results; (2) how the 2021 IRP complies with multiple state IRP requirements; (3) load forecasts developed for each state; (4) the public input process; (5) capacity planning reserve margin analysis; (6) flexible resources for needs assessment, including an assessment of integration costs; (7) plant water consumption data; (8) resource adequacy analysis; (9) analyses of potential DSM resources and distributed generation; (9) PacifiCorp's Clean Energy Action Plan, and (10) other supplemental analysis and data supporting the 2021 IRP planning cycle.

ANTICIPATED TIMING AND PUBLIC PARTICIPATION

The updated timeline for the 2021 IRP public meetings is shown in Table 1. PacifiCorp's amended 2021 IRP schedule intends to balance expediency of filing with the ongoing analysis of IRP modeling and the need for a continued robust and inclusive stakeholder process. The schedule consists of a combination of general public meetings and may include status report conference calls, if needed. PacifiCorp is also planning to begin holding Equity Advisory Group meetings no later than June 30, 2021. The full Equity Advisory Group schedule is discussed in Appendix C of this filing.

The first general public meeting will take place in April 2021 and will serve as the first opportunity for PacifiCorp to share modeling results from the 2021 IRP. Subsequent meetings will address the ongoing IRP modeling, the 2020 All-Source Request for Proposals final short list and will seek continued stakeholder feedback.

Table 1 – 2021 IRP Amended Public Meeting and Development Schedule

Date	Activity	Tentative Detail
April 22-23, 2021	April Public-Input Meeting	Initial discussion of modeling results; opportunity for stakeholder feedback.
No later than May 1, 2021	Begin Equity Advisory Group meetings	PacifiCorp provides additional information on this process in Appendix B to this filing.
May 1, 2021	File CEIP Public Participation Plan	As required in WAC 480-100-655(2)
May 27-28, 2021	May Public-Input Meeting	Continued discussion of modeling results and stakeholder feedback.
June 2021	AS RFP Final Short List	Results will be included in 2021 IRP modeling
June 24-25, 2021	June Public-Input Meeting	Discussion of portfolios due to incorporation of AS RFP final short list results, discussion of cost and risk portfolio analysis; opportunity for stakeholder feedback.
July 1, 2021	PacifiCorp begins collaborative CEIP process with Staff	
July 29-30, 2021	July Public-Input Meeting	Discuss selection of preferred portfolio/cost and risk analysis; opportunity for stakeholder feedback.
August 12, 2021	August Public-Input Meeting	If needed.
September 1, 2021	Final IRP filed	
Q3 2021	Conservation Potential Assessment and Energy Efficiency targets available	
November 1, 2021	Draft CEIP filed	In accordance with General Order R-601
December 31, 2021	CEIP filed	In accordance with WAC 480-100-640

IRP PROCESS INTERACTION WITH CEIP

PacifiCorp is required to file its first CEIP by no later than January 1, 2022 in accordance with RCW 19.405.060. PacifiCorp intends to begin the CEIP process in the coming months and notes that the CEIP development is highly contingent upon the completion of a final IRP and CEAP. PacifiCorp anticipates that the following IRP/CEAP results will be included in compliance with the CEIP requirements in rule:

CEIP Requirement	IRP/CEAP Input
PacifiCorp will propose interim targets that show progress toward the clean energy standards (WAC 480-100-640(2)).	PacifiCorp’s action plan (Chapter 9) and public-input discussions will help inform the interim targets for 2022-2025
PacifiCorp will propose specific targets for energy efficiency, demand response, and renewable energy (WAC 480-100-640(3)).	PacifiCorp’s preferred portfolio (Chapter 8), action plan (Chapter 9), CEAP (Appendix R), and public-input meetings will inform the specific targets in the CEIP.
PacifiCorp will identify highly-impacted communities, vulnerable populations, and will propose customer benefit indicators (WAC 480-100-640(4)).	The CEAP (Appendix R) and the Equity Advisory Group meetings will inform the customer benefit indicators included in the CEIP.
PacifiCorp will include the specific actions that the Company will take over the implementation period, consistent with the CETA Standards and based on the CEAP, specific targets, and interim targets (WAC 480-100-640(5)).	PacifiCorp’s CEAP (Appendix R), Draft RFP (Chapter TBD), preferred portfolio (Chapter 8), and Action Plan (Chapter 9) will inform the specific actions taken over the implementation period. The modeling outputs discussed at the public-input meetings will similarly help inform the specific actions chosen.
PacifiCorp will include a narrative description of specific actions , including customer impact and whether/how the specific actions are consistent with the interim and specific targets (WAC 480-100-640(6)).	PacifiCorp’s CEAP (Appendix R), preferred portfolio (Chapter 8), and Action Plan (Chapter 9) will inform the specific actions taken over the implementation period. The modeling outputs discussed at the public-input meetings and the ongoing Equity Advisory Group process will provide inform the specific actions chosen.
PacifiCorp will project the incremental cost of the specific actions (WAC 480-100-640(7))	PacifiCorp’s calculation of incremental cost will be informed by recent RFP results.
PacifiCorp will include a discussion of any projected alternative compliance need (WAC 480-100-640(8)).	The CEAP (Appendix R), and the Action Plan (Chapter 9) will inform any need for alternative compliance mechanisms.

CONCLUSION

PacifiCorp’s 2021 IRP work plan represents its current view of the process and activities leading up to filing its final 2021 IRP by September 1, 2021, that meets state IRP standards and guidelines and aligns with PacifiCorp’s 2021 business activities. The work plan further presents the Company’s best estimate of how the 2021 IRP components will inform the preparation and filing of the first CEIP by January 1, 2022.

PacifiCorp encourages Washington stakeholders to participate in the continued public-input meetings and actively participate in this planning process. To join the 2021 IRP participants’

distribution list, please send an email request to IRP@PacifiCorp.com or call the PacifiCorp IRP phone line at (503) 813-5245.