

# 2023 Integrated Resource Plan Progress Report

## **Finalized Portfolio Analysis & Draft Progress Report Document**

November 20, 2023

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# Why we are here

## DRAFT IRP Progress Report

### Compliance with RCW 19.280: Electric Utility Resource Plans:

Board action on IRP Progress Report at December 4, 2023  
legal hearing

Submit to Dept. of Commerce by September 1, 2024

**No Board action required today**

# Today's Presentation

Summary of recommendations

EV Load Forecast

The Clean Energy Action Plan (CEAP)

Remaining Board and public process schedule

# Summary of Recommendations

Retain District's current mix of generating resources to meet load and renewables requirements of WA Renewable Portfolio Standard (RPS) for 2023-2032

Continue to evaluate and implement conservation programs based on 2023 Conservation Potential Assessment (CPA)

Evaluate and determine power supply for new Large Loads

Keep evaluating/implementing strategies consistent with financial policies & hedging strategy

# EV Load Forecast

Within the District low, base and high load forecasts:

Market penetration rates for EVs in Chelan County vary from 36% to 89% by 2032.

Number of EVs (after retirements) range from approximately 6,800 to 17,400 by 2032.

Average energy load estimates range from 4.19 to 10.69 aMW by 2032.

Peak load estimates range from 7.33 MW to 18.71 MW by 2032.

# Clean Energy Action Plan (CEAP)

10-Year plan (2023-2032) for implementing sections 3, 4 & 5 of Clean Energy Transformation Act (CETA)

Retain existing (hydro and wind) mix of renewable generating resources and pursue conservation and efficiency actions.

In preparation for start of the CETA GHG neutral standard in 2030, evaluate and determine power supply for growth in Large Loads expected to increase.

In preparation for start of new state policy in 2045, evaluate and determine power supply for growth in Large Loads expected to increase.

# Board and Public Process – 2023

**October 16** No board action requested today  
Initial portfolio analysis results

**November 20** No board action requested today  
Finalized portfolio analysis and final draft IRP Progress Report document

**December 4**  
Final draft IRP Progress Report for board approval  
(Resolution to be presented)

**Prior to September 1, 2024**  
Submit final IRP Progress Report to Department of Commerce

# Chelan PUD IRP Website

<http://www.chelanpud.org/environment/operating-responsibly/integrated-resource-plan>

Operating Responsibly

Fish and Wildlife

Habitat Conservation Plans

Electric Vehicles

Renewable Energy

Web Links



Read RCW 19.280

Related Pages



Clean Energy Implementation Plan

Related Documents



2021 IRP Document

2020 IRP Document

2018 IRP Progress Report

2016 IRP Document

2014 IRP Progress Report

2012 IRP Document

2010 IRP Progress Report

2008 IRP Document

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## Integrated Resource Plan

In 2006, RCW 19.280 was adopted by the Washington State legislature. The statute requires investor-owned and consumer-owned electric utilities with more than 25,000 customers to develop Integrated Resource Plans (IRP) and progress reports. Among other things, IRPs must include a range of load forecasts, assessments of commercially-available, utility-scale renewable and nonrenewable generating technologies, a comparative evaluation of renewable and nonrenewable generating resources and conservation and efficiency resources and an assessment of methods for integrating renewable resources and addressing overgeneration events, if applicable.

In 2019, the passage of RCW 19.405: the Washington Clean Energy Transformation Act (CETA) added significant requirements to RCW 19.280. These include an assessment and forecast of the availability of regional generation and transmission capacity on which the utility may rely to deliver electricity to its customers, a determination of a resource adequacy metric, a forecast of distributed energy resources installed by customers, and assessments of energy and nonenergy benefits and reduction of burdens to vulnerable populations and highly impacted communities, long-term and short-term public health and environmental benefits, costs and risk and energy security and risk and a 10-year Clean Energy Action Plan (CEAP).

Utilities must produce progress reports reflecting changing conditions related to and the progress towards the IRP every two years and an updated IRP must be developed at least every four years.

Additionally, governing boards of consumer-owned utilities shall encourage participation of its consumers in development of the plans and progress reports and approve the plans and progress reports after it has provided public notice and hearing.

A new IRP progress report is being developed in 2023. The progress report will outline the sources of power needed to supply PUD customers through 2032. It will describe the mix of resources from generation, conservation and efficiency and demand response that will meet current and projected needs at the lowest reasonable cost and risk to the utility and its customer-owners. The 2023 progress report will be submitted to the Washington State Department of Commerce by the September 1, 2024 deadline. Meeting notices and presentations will be linked below as available.

### Public Meetings Schedule - Tentative

- October 16 – Present results of draft 2023 IRP Progress Report load and resource forecasts
- November 20 – Present summary of final draft IRP Progress Report & provide to the Board and public
- December 4 – Final draft 2023 IRP Progress Report for Board approval by resolution

### Public Participation

Your comments in the development of this IRP Progress Report are welcome. [Click here to submit your comments.](#)



Questions?