

2020 Integrated Resource Plan

Finalized Portfolio Analysis & Draft IRP document

June 15, 2020



Why we're here

- DRAFT Integrated Resource Plan report
- Compliance with RCW 19.280: Electric Utility Resource Plans
 - Board action on IRP report at July 6, 2020 legal hearing
 - Submit to Dept. of Commerce by September 1, 2020
- **No Board action required today**

Today's Presentation

- Summary of Recommendations
- The Clean Energy Transformation Act (CETA)
- Resource Adequacy
- 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 2020-2030
- Continue to evaluate and implement conservation programs based on 2019 Conservation Potential Assessment (CPA)
- Keep evaluating/implementing strategies for additional power sales contracts consistent with financial policies & hedging strategy

Clean Energy Transformation Act (CETA)

- 2019 law signed by Governor Inslee impacting utilities' resource portfolios
 - Sec. 3 - elimination of coal-fired resources by end of 2025
 - Sec. 4 - greenhouse gas (GHG) neutral by 2030
 - Sec. 5 - renewable/nonemitting 100% of retail load by 2045
- Rulemaking ongoing and expected until 2022 on some provisions of the law. District is fully engaged.
- Not altering any current District decisions.

Clean Energy Action Plan (CEAP)

- 10-Year plan for implementing sections 3, 4 & 5 of CETA
 - Retain existing (hydro and wind) mix of renewable generating resources through the 2020-2030 planning period and pursue conservation and efficiency actions.
 - District does not anticipate needing to take any other actions during planning period in preparation for start of CETA GHG neutral standard in 2030.
 - District does not anticipate needing to take any other actions during planning period in preparation for start of the 100% of retail sales from renewable and nonemitting resources by 2045.

Resource Adequacy (RA)

(CETA Requirement)

- Northwest Power Pool (NWPP) developing capacity RA program to help manage region in coordinated manner
 - Looks out 1 to 4 years
 - Common measures of adequacy & resource contribution
 - Approach for allocation of RA requirement
 - Methods to access regional diversity; manage to best benefit
 - Incentive and enforcement mechanisms
 - Voluntary to join; contractually committed to requirements
- District actively involved with this effort and contributing to program development

Board and Public Process – 2020

May 11

Initial Portfolio Analysis results

June 15

Finalized Portfolio Analysis and Draft IRP document

July 6 (tentative)

Final Draft IRP for Board Approval
(Resolution to be presented)

Prior to September 1

Submit Final IRP 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

Web Links



Read RCW 19.280

Related Documents



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. During the development of this IRP, the rulemaking for CETA is ongoing. Due to Chelan County PUD's hydropower resources being surplus to its forecasted retail electric load throughout the planning period, the District does not anticipate the CETA requirements will have a significant impact on the District's IRP development.

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.

Chelan County PUD has begun its 2020 IRP. The 2020 IRP will outline the sources of power needed to supply PUD customers through 2030. It will describe the mix of resources from generation, conservation and efficiency that will meet current and projected needs at the lowest reasonable cost and risk to the utility and its customer-owners.

The 2020 IRP will be submitted to the Washington State Department of Commerce before the Sept. 1, 2020, deadline. Meeting notices and presentations will be linked below as the process evolves.

Send comments to contactus@chelanpud.org

Public Meetings/Hearing - 2020 (tentative)

Questions?