

# 2021 Integrated Resource Plan

## **Finalized Portfolio Analysis & Draft IRP document**

December 6, 2021

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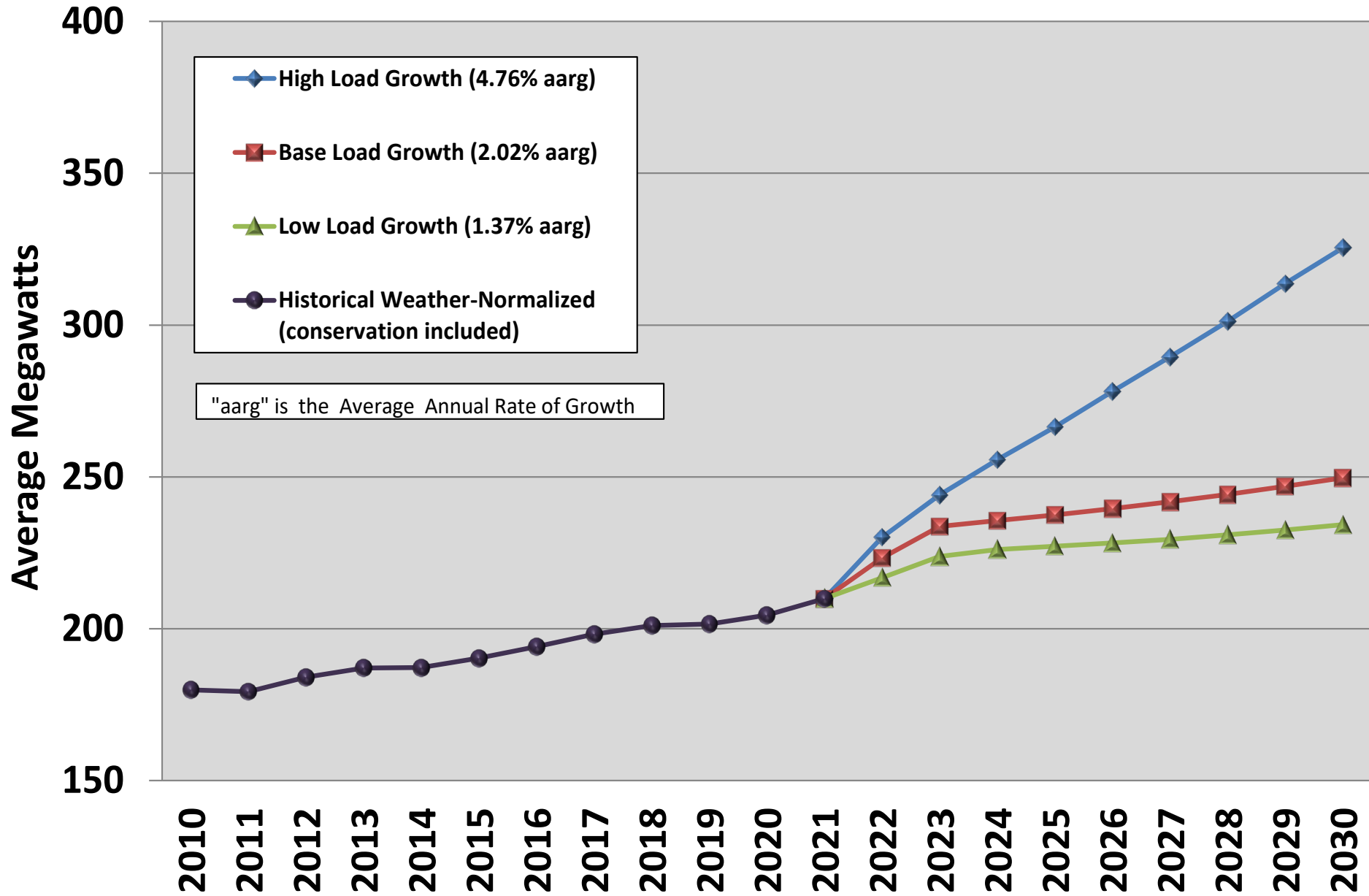
# Why we are here

- DRAFT Integrated Resource Plan report
- Compliance with RCW 19.280: Electric Utility Resource Plans
  - Board action on IRP report at December 20, 2021 legal hearing
  - Submit to Dept. of Commerce by September 1, 2022
- **No Board action required today**

# Today's Presentation

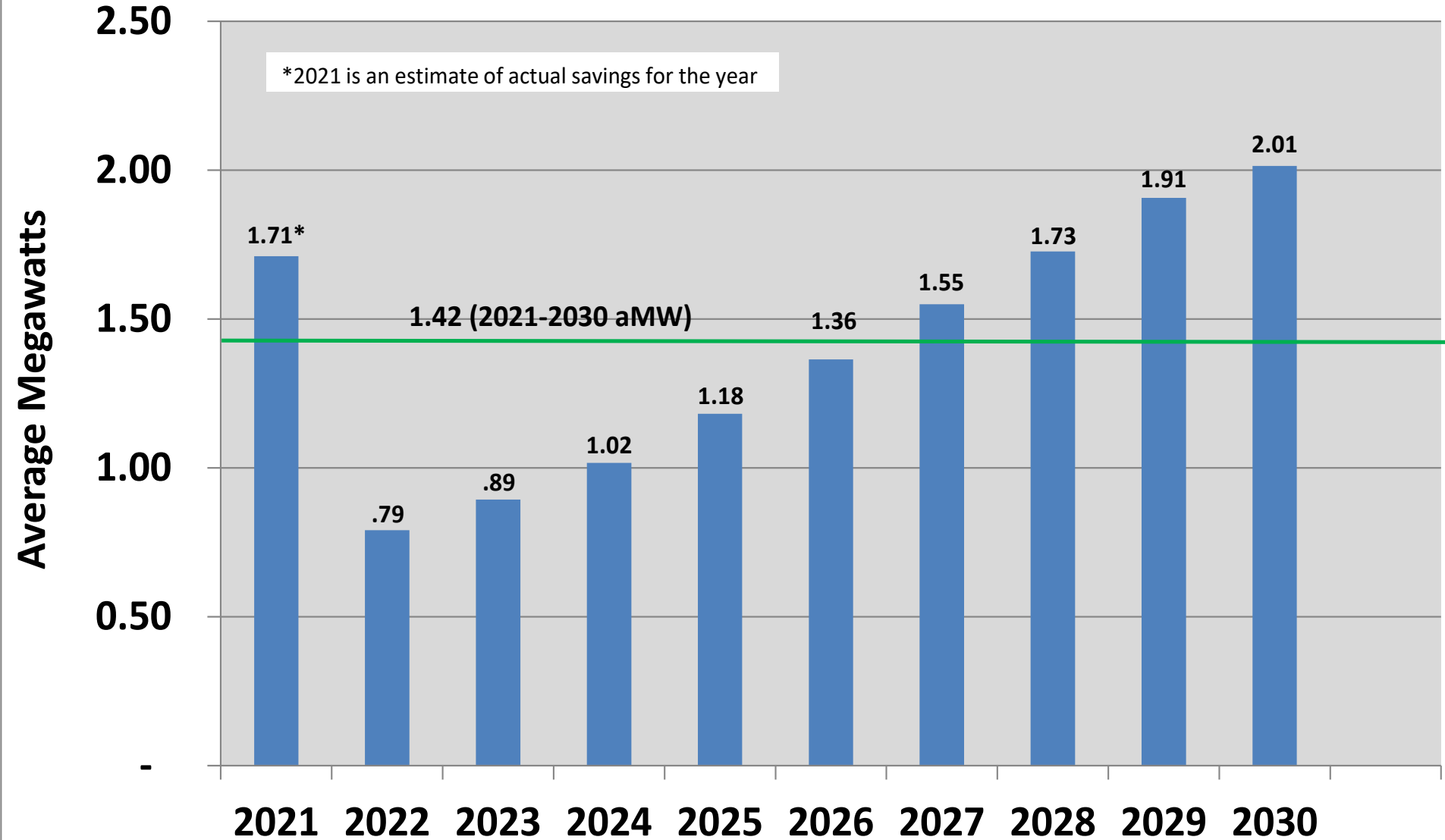
- Updated load forecast and conservation forecast
- Summary of recommendations
- The Clean Energy Action Plan (CEAP)
- Remaining Board and public process schedule

# Historical and Forecasted Annual Energy Load



# Conservation Targets

Source : 2021 District Conservation Potential Assessment



# Summary of Recommendations

- Retain District's current mix of generating resources to meet load and renewables requirements of WA Renewable Portfolio Standard (RPS) for 2021-2030
- Continue to evaluate and implement conservation programs based on 2021 Conservation Potential Assessment (CPA)
- Keep evaluating/implementing strategies for additional power sales contracts consistent with financial policies & hedging strategy

# Clean Energy Action Plan (CEAP)

- 10-Year plan for implementing sections 3, 4 & 5 of Clean Energy Transformation Act (CETA)
  - Retain existing (hydro and wind) mix of renewable generating resources through the 2021-2030 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.

# Board and Public Process – 2021

## **October 18**

Initial Portfolio Analysis results

## **December 6**

Finalized Portfolio Analysis and Draft IRP document

## **December 20 (tentative)**

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

## **Prior to September 1, 2022**

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

Electric Vehicles

Renewable Energy

Web Links



[Read RCW 19.280](#)

Related Pages



[Clean Energy Implementation Plan](#)

Related Documents



[2020 IRP Document](#)

[2018 IRP Progress Report](#)

[2016 IRP Document](#)

[2014 IRP Progress Report](#)

[2012 IRP Document](#)

[2010 IRP Progress Report](#)

[2008 IRP Document](#)

## Public Participation

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

[Home](#) / [Environment](#) / [Operating Responsibly](#) / [Integrated Resource Plan](#)

## 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). During the development of this IRP, the rulemaking for CETA continues to be 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.

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 is being developed in 2021, to coincide with the development of the District's first Clean Energy Implementation Plan (CEIP). The CEIP is a requirement of CETA. The 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 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 2021 IRP will be submitted to the Washington State Department of Commerce before the September 1, 2022 deadline. Meeting notices and presentations will be linked below as available.

### Public Meetings/Hearing - 2021

October 18, 2021, 10 a.m.

- [Presentation](#)

December 6, 2021, 10 a.m.

December 20, 2021, final hearing, 1 p.m.

Questions?