

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

In the Matter of ) DOCKET UE-210795  
 )  
PUGET SOUND ENERGY )  
 )  
Clean Energy Implementation Plan )  
Pursuant to WAC 480-100-640 )  
\_\_\_\_\_ )

**EXHIBIT NO. LDK-3  
DISCOVERY RESPONSES**

**BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**Docket UE-210795  
Puget Sound Energy  
PSE 2021 Clean Energy Implementation Plan**

**AWEC DATA REQUEST NO. 001:**

Please provide the PowerPoint presentation used in the discussion with AWEC over PSE's CEIP on February 15, 2022.

**Response:**

Attached as Attachment A to Puget Sound Energy's ("PSE") Response to AWEC Data Request No. 001, please find the PowerPoint presentation used in the discussion with the Alliance of Western Energy Consumers concerning PSE's Clean Energy Implementation Plan on February 15, 2022.

**ATTACHMENT A to PSE's Response to  
AWEC Data Request No. 001**

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# PSE Final CEIP Modeling Overview



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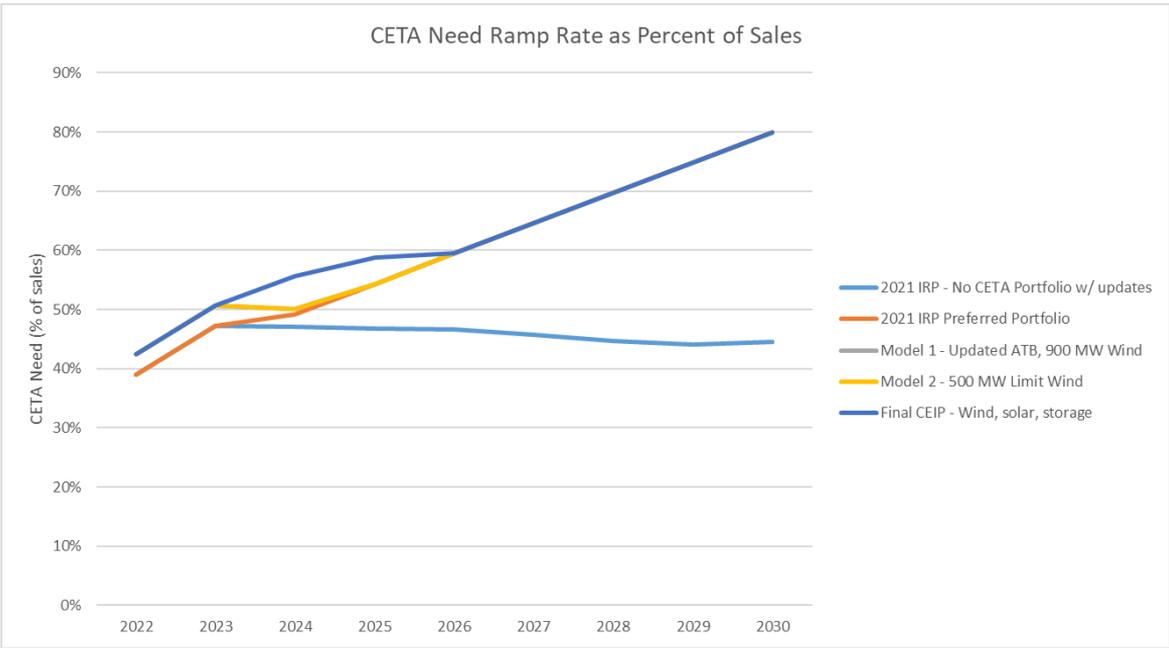
February 15, 2022

# Key Takeaways: IRP to CEIP

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- IRP
  - Linear ramp rate to 80% by 2030
  - Model to meet a CETA energy need
- CEIP
  - Accelerated resource additions in 2024 and 2025
  - Closely modeled to the 2% cost of compliance
- Result
  - Brings more renewables earlier by 2025
  - Higher DSM Bundle 11 selection and increase in WA Wind builds result in higher portfolio costs in the near term but lower overall in the planning horizon.
- Mitigating risks
  - Inflation and loss of tax incentives
  - Emissions

# Input Assumption Updates: CETA Need



- Updated hydro contact assumptions between the 2021 IRP and the CEIP process initially reduced the CETA ramp rate 2022 – 2030
- CEIP increased ramp rate in 2024 and 2025 to expedite renewable investments and to maximize 2% cost threshold

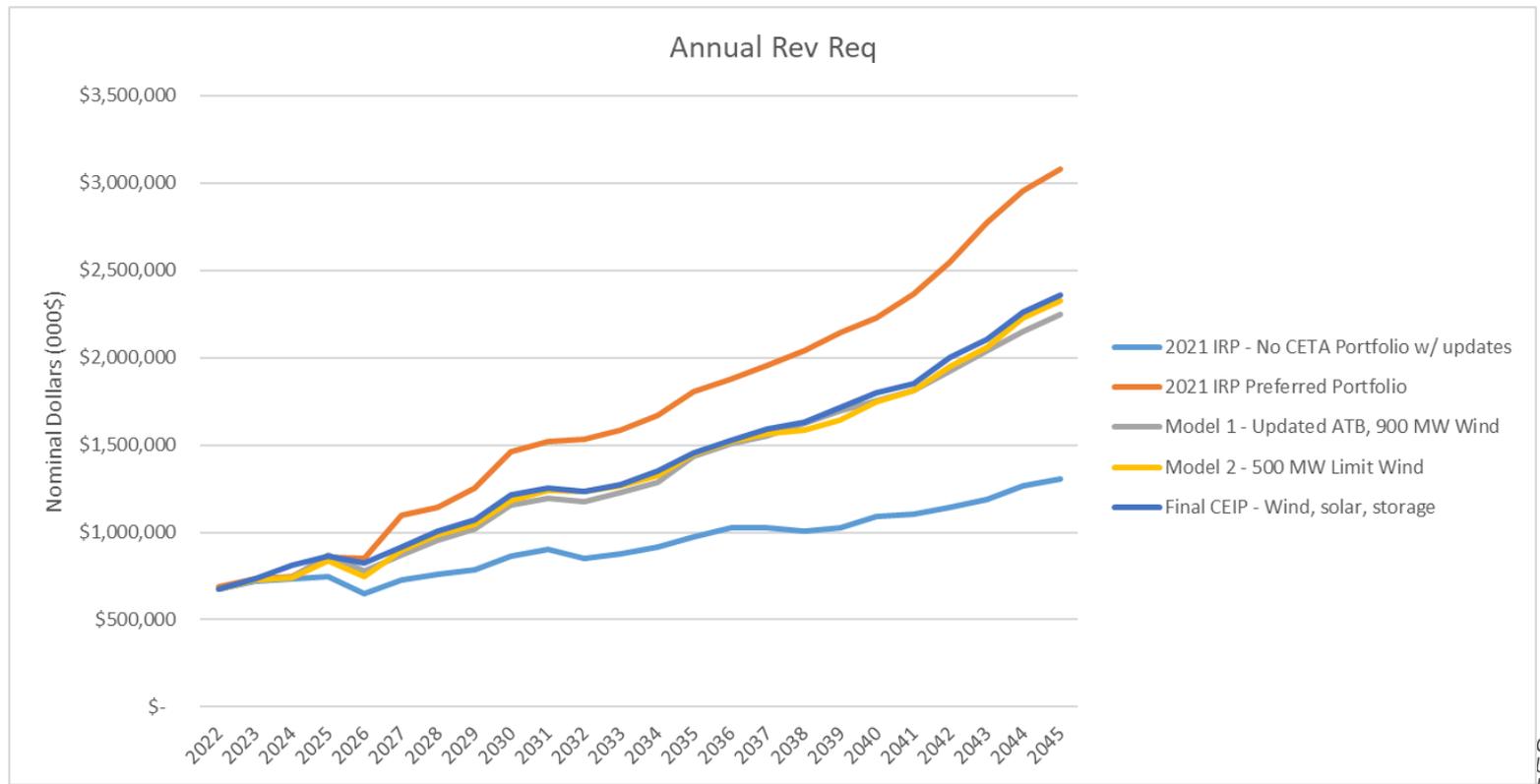
CETA Need Scenarios (MWhs)	2024	2025	2026	2027	2028	2029	2030
2021 IRP Preferred Portfolio	419,951	1,454,962	2,478,187	3,638,161	4,904,433	6,029,048	6,946,393
2021 Final CEIP	1,052,863	1,886,331	2,048,057	3,638,161	4,904,433	6,029,048	6,946,393

# Input Assumption Updates: IRP to CEIP (w/ out Emissions)

	2021 IRP - No CETA Portfolio w/ updates	2021 IRP Preferred Portfolio	Model 1 – Updated ATB, 900 Wind	Model 2 – 500 MW Limit Wind	Final CEIP – Wind, solar, storage
Modeling Approach	Lowest reasonable cost, no ramp rate	Inclusion of customer benefit indicators, linear ramp rate to 80% in 2030	Linear ramp rate to 80% in 2030	Linear ramp rate to 80% in 2030, limit wind to 500 MW	Accelerated resource additions, model close to the 2%
Total portfolio cost 24 yr Levelized	\$9B	\$16.1B	\$13.2B	\$13.3B	\$13.7B



# Results – Annual Revenue Requirement (w/ out Emissions)



# Questions

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**Docket UE-210795  
Puget Sound Energy  
PSE 2021 Clean Energy Implementation Plan**

**AWEC DATA REQUEST NO. 002:**

Please update the analysis in the above-referenced presentation to reflect known impacts from the Inflation Reduction Act. If these impacts are not yet known, please so state.

**Response:**

The impacts from the Inflation Reduction Act to the analysis in the PowerPoint presentation used in the discussion with Alliance of Western Energy Consumers regarding Puget Sound Energy's Clean Energy Implementation Plan on February 15, 2022 are not yet known.