

Declaration of Joshua J. Jacobs in Support
of Adjusting PSE's Clean Energy
Implementation Plan Annual Interim Targets
for 2024 and 2025

210795-PSE-Exh-1-2-3-9-27-24 (R)

Exhibit 1, Exhibit 2 (R), Exhibit 3 (R)

Resource	Start Date	MW Nameplate	New to Region
Energy Keeper	2020	40	
Skookumchuck Wind PPA -Green Direct **	2020	137	Y
Lundhill Solar - Green Direct **	2021	150	Y
SPI Biomass	2021	27	
Golden Hills Wind	2022	200	Y
Capacity Bridge (2022-2024)	2022	250	
Chelan Slice (2022-2026)	2022	77	
BPA Capacity	2022	100	
Colville (2022-2024)	2022	33	
HFS Cogen - PURPA**	2023	65	
Clearwater Wind	2023	350	Y
Capacity Bridge (2023-2024)	2023	250	
Demand Response (Capacity)	2023	89	Y
Chelan Slice (2024-2028)	2024	95	
Short term RFP 2023	2024	150	
Colville Extension (2024-2029)	2024	32	
Distributed Energy Resource	2024	1.83	Y
Beaver Creek Wind	2025	248	Y
Vantage Wind	2025	90	
2024 Q1 Short -term RFP	2025	325	
EWEB	2025	38	
Short term hydro	2025	72	
2026-2032 Wells Slice (Douglas PUD)*	2026	83	
Long term Hydro	2026	50	
Greenwater BESS (Capacity)	2027	200	Y
Appaloosa Solar	2027	142	Y
Haymaker Wind 1	2028	315	Y
BESS (Capacity)	2028	200	Y

New CETA compliant nameplate capacity added since CETA passed: 3810 MW

Note: Since 2019, PSE signed 30 new contracts for CETA-eligible resources. Two contracts through EWEB are combined into one. Two 2024 short term RFP deals are combined into one. Therefore, there are 28 resource items listed in the table.

*The capacity MW for the Wells project is the average MW from 2026 to 2031.

**Green Direct and PURPA projects contribute to the load reduction.

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REDACTED VERSION

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REDACTED VERSION

2024 (Unit in MWh)	August 2024 Forecast of CETA eligible energy
Retail Sales	22,437,915
DER Solar_Load Reduction (Community Solar)	
Green Direct	
PURPA Contract	
New Energy Efficiency	
Load Reduction	
BPA System Power without purchase via ICE	
EIM Sales to California	
Existing Hydro	
Existing Wind/Solar/Biomass	
CETA Eligible Energy	
CETA Retail Load	
CETA% (CETA Eligible Energy / CETA Load)	
2024 48% CETA => CETA eligible energy	
2024 Shortfall to meet 59%	

2025 (Unit in MWh)	August 2024 Forecast of CETA eligible energy
Retail Sales	22,161,934
DER Solar_Load Reduction (Community Solar)	
Green Direct	
PURPA Contract	
New Energy Efficiency	
Load Reduction	
BPA System Power without purchase via ICE	
EIM Sales to California	
Existing Hydro	
Existing Wind/Solar/Biomass	
CETA Eligible Energy	
CETA Retail Load	
CETA% (CETA Eligible Energy / CETA Load)	
2025 48% CETA => CETA eligible energy	
2025 Shortfall to meet 63%	
Total Shortfall (2024 + 2025)	

Note 1: Presented in the exhibit is the method of applying 2023 actuals over last 30 years P50 forecast ratio by resource type of CETA eligible energy, which led us to propose a reduced target of 48% in 2024 and 2025.

Note 2: Retail forecast from the 2023 Biennial CEIP Update is used for this study as "Retail Sales." 2023 and 2024 data shows actuals are only 0.7% different from the forecast used in the 2023 Biennial CEIP Update.

Note 3: The 2024 forecast is a combination of actuals and forecast.

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REDACTED VERSION

Energy (numbers shown in MWh)	2024	2025
CETA Target (2021 CEIP File)	59%	63%
Forecast Retail Sales (2023 Biennial CEIP Update)	22,437,915	22,161,934
Load Reduction		
CETA Retail Load		
CETA need to meet target in 2021 CEIP File		
Total proposed existing CETA Eligible Energy		
Expected CETA% Forecast with existing CETA resources		
CETA Surplus (Deficit) to meet target in 2021 CEIP File		

Public (not redacted)
Confidential (redacted)

Highly confidential (redacted and needs special protective order)
All of rows 17 -77 are redacted and classified as highly confidential

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