



Clean Energy Implementation Plan

2023 Biennial Report

WUTC Open Meeting – March 22, 2024

Energy Supply Specific Actions – Renewable Targets

	2022	2023	2024	2025	Total
Retail Load	5,894,971	5,722,209	5,769,459	5,807,555	23,194,195
WA PURPA	-172,170	-199,149	-191,182	-190,585	-753,086
Voluntary Clean Energy	-34,809	-43,636	-47,931	-47,605	-173,981
Net Retail Load	5,687,992	5,479,424	5,530,346	5,569,365	22,267,128
Goal Percentage	40.0	47.5	55.0	62.5	51.2
Interim Procurement Target	2,275,197	2,602,727	3,041,691	3,480,853	11,400,467
Washington Share of Qualifying Renewable Energy					
Avista Owned Hydro	2,579,385	2,240,706	2,568,687	2,591,250	9,980,027
Hydro Purchased Power Agreements	846,585	685,119	837,328	1,089,393	3,458,425
Biomass	200,537	204,164	221,148	210,243	836,093
Wind	445,658	486,153	616,157	759,496	2,307,465
Solar (1)	323	403	347	347	1,421
Total Available	4,072,488	3,616,545	4,243,668	4,650,730	16,583,431
Renewable Energy Balance	1,797,291	1,013,818	1,201,977	1,169,876	5,182,963

1) My Clean Energy (Rathdrum Solar) are unavailable for CETA, Solar Select (Adams Neilson) is included as the Voluntary Clean Energy Adjustment.

Customer Benefit Indicators – Affordability

Customer Benefit Indicator	Metric	2021 Baseline	2022 Actuals
Participation in Company Programs	Participation in weatherization & energy assistance programs – All	21,835	29,636
	Participation in weatherization & energy assistance programs – NC	14,246	17,922
	Saturation of energy assistance programs – All	26.4%	23.9%
	Saturation of energy assistance programs – NC	26.5%	24%
# of Households w/High Energy Burden	Number of Households – All	42,498	50,466
	Number of Households – NC	24,228	28,512
	Percent of Households – All	15.1%	17.8%
	Percent of Households – NC	19.5%	22.7%
	Average Excess Burden – All	\$554	\$621
	Average Excess Burden – NC	\$497	\$554

Customer Benefit Indicators – Availability, Location, Environmental

Customer Benefit Indicator	Metric	2021 Baseline	2022 Actuals
Energy Availability	Frequency of customer outages, CEMIO – All	46.56%	33.62%
	Frequency of customer outages, CEMIO – NC	40.42%	27.81%
Energy Generation Location	Percent of generation located in WA or connected to Avista's Transmission	83.2%	82.59%
Outdoor Air Quality	Weighted avg. days exceeding healthy levels	9.82	5.87
Greenhouse Gas Emissions	Avista GHG emissions	1.75MT	1.8MT

Customer Benefit Indicators – Indoor Air Quality

Condition 24 – Avista must engage collaboratively with its advisory groups (EAG, EEAG, EAAG) to create a metric for Indoor Air Quality (IAQ) and submit formal metric for evaluation no later than in its 2023 Biennial CEIP Update.

Proposal – Based on the Washington Department of Commerce and ASHREA's 62.2 standard for low-income weatherization programs metrics, Avista proposes to expand the use of the NEI related to health and home safety:

- Ranking of causes of IAQ (within & outside Named Communities).
- Percentage of weatherization IAQ measures (within & outside Named Communities).

Named Community Investment Fund – \$5M Annually

\$2M

Energy Efficiency

2022 Actuals: \$441k
2023 Actuals + Planned*: \$903k

*Health & Safety for Mobile Homes
EE for Affordable Housing Complex
EE for Homes in Malden, WA
Lincoln County Fairgrounds Lighting
Spokane Tribe Building Energy Audits
EE for Spokane Tribe Buildings*

\$1M

Distribution Resiliency

2022 Actuals: \$0
2023 Actuals + Planned: \$1.5M

*MLK Center – Solar & Battery Storage
Town of Malden – Solar & Ground Source
Heat Pump*

NCIF Totals

YTD 2022: \$ 486,657
Thru 08/2023: \$ 455,937
09/2023 + Planned: \$2,186,557

Grand Total: \$3,129,151

*Includes actuals through August 2023 and
planned costs throughout 2023 and 2024

\$0.5M

Outreach & Engagement

2022 Actuals: \$40k
2023 Actuals + Planned: \$36k

*Public Participation Plan
NCIF Online Application*

\$0.5M

Projects & Initiatives

2022 Actuals: \$0
2023 Actuals + Planned: \$241k

*Christ Kitchen
Medical Battery Back Up Pilot*

\$1M

Incentives & Grants

2022 Actuals: \$5,200
2023 Actuals + Planned: \$0

Kids Making Sense – Air Monitors

38 Conditions Across 11 Categories

- Interim & Specific Targets
- Baseline Conditions
- Specific Actions
- Demand Response
- Distributed Energy Resources & Distribution Planning
- Energy Efficiency
- Customer Benefit Indicators
- Public Participation & Equity Advisory Group
- Incremental Cost of Compliance
- Integrated Resource Plan
- Cost Recovery



Proposed Revisions to Conditions

Condition 5

In future CEIPs, and in Biennial CEIP Updates ***if Avista proposes to modify its approved interim targets***, it will include descriptions of quantitative (i.e., cost based) and qualitative (e.g., equity considerations) analyses that support interim targets to comply with the Clean Energy Transformation Act's (CETA) 2030 and 2045 clean energy standards.

Condition 9

In its 2025 CEIP, Avista will include a description of the work it completed between its 2021 CEIP and 2025 CEIP to expand its Vulnerable Populations, including an overview of all actions and evaluations completed, as well as summaries of discussion and input from its advisory groups. Further, it will ***specify the methodology used to identify Vulnerable Populations in its 2025 CEIP*** and a comparison of Vulnerable Populations between the 2021 and 2025 CEIP.