

| | | |
|-------------------|---|------------|
| | resources and multiply the dollars per megawatt-hour cost by the number of megawatt-hours needed for target year compliance. | |
| 480-109-210(2)(b) | State whether the utility is relying upon one of the alternative compliance mechanisms provided in WAC 480-109-220 instead of fully meeting its renewable resource target. | VII/4 |
| 480-109-210(2)(c) | Describe the resources that the utility intends to use to meet the renewable resource requirements for the target year. | VIII/4 - 5 |
| 480-109-210(2)(d) | A list of each eligible renewable resource that serves Washington customers, for which a utility owns the certificates, with an installed capacity greater than twenty-five kilowatts. | IX/5 - 7 |
| 480-109-210(2)(e) | If a utility serves retail customers in more than one state, the utility must allocate certificates consistent with the utility's most recent commission-approved interstate cost allocation methodology. The report must show how the utility applied the allocation methodology to arrive at the number of certificates allocated to Washington ratepayers. After documenting the number of certificates allocated to Washington ratepayers, a utility may transfer certificates to or from Washington ratepayers. The report must document the compensation provided to each jurisdiction's ratepayers for such transfers. | X/7 |
| 480-109-210(2)(f) | The number of certificates that it sold, their WREGIS certificate numbers, their source, and the revenues obtained from the sales. | XI/7 - 8 |

III. ANNUAL LOAD FOR PREVIOUS TWO YEARS

Renewable targets for the compliance year are based on average Washington State retail loads from the two prior years. Avista’s annual delivered load to Washington retail customers was 5,894,971 MWh in 2022 and 5,739,294 MWh in 2023. The Company’s average retail load used for 2024 compliance is 5,817,133 MWh.

IV. RENEWABLE ENERGY TARGET

The following information is for the 2024 compliance year, which has a 15 percent qualified renewable energy target. Avista’s 2024 renewable energy target is 872,570 MWh of

qualified renewable generation or renewable energy credits. Table 1 below provides details about the Company's 2024 renewable energy target calculation.

Table 1: Energy Independence Act Renewable Energy Target

| | 2022 Actual | 2023 Actual | 2024 Forecast |
|--|------------------------|------------------------|--------------------------|
| Washington Retail Load (MWh) | 5,894,971 | 5,379,294 | 5,769,459 |
| Target Load (MWh) – Average of prior two years actual loads | 5,596,140 | 5,812,780 | 5,817,133 |
| RCW 19.285 Requirement | 15% | 15% | 15% |
| Requirement (MWh) | 839,421 | 871,917 | 872,570 |

V. RENEWABLE ENERGY ACQUIRED TO MEET 2024 RENEWABLE ENERGY TARGET

Table 2 below details Avista's eligible renewable energy acquired to meet its 2024 renewable energy target. Calculations and further details supporting the figures in Table 2 are included in Appendix A and the supporting documents are in the workpapers supporting this filing.

Table 2: Renewable Energy for 2024 Compliance

| | 2022 | 2023 | 2024 |
|---|------------------|------------------|------------------|
| Water (Qualified Hydroelectric Upgrades) | 188,388 | 136,420 | 147,867 |
| Wind | 699,349 | 745,090 | 968,565 |
| Biomass | 132,673 | 288,536 | 321,280 |
| Solar | 650 | 1,010 | 1,010 |
| Total | 1,021,060 | 1,171,056 | 1,438,722 |

VI. INCREMENTAL COST COMPARED TO ANNUAL RETAIL REVENUE REQUIREMENT

Avista calculated the incremental cost of investments made to meet WAC 480-109-210(2)(a), by taking the annual levelized revenue requirement (\$/MWh) for each qualifying project compared to the cost of alternative power over the same period. Each qualifying resource is compared to a combined cycle combustion turbine (CCCT) or simple cycle combustion turbine (SCCT) depending on the expected marginal resource when the resource decision was made. To estimate the annual levelized cost of the CCCT or SCCT, cost assumptions are used based upon

the Integrated Resource Plan (IRP) from the time of the resource decision with costs split between energy (\$/MWh) and capacity (\$/kW-year). Avista includes any REC sales as a reduction to the incremental cost calculation. The Company also includes an adjustment to account for the value of RECs transferred from Idaho to Washington. The value of RECs is split between the two states based on the Company's Production and Transmission Ratio for Washington (65.54%). The Idaho portion of the qualified renewable energy is transferred to Washington based upon the market value of similar renewable resources. This is consistent with the allocation of REC values between Washington and Idaho for ratemaking purposes. In total, the change in revenue requirement is 0.5 percent as reported in Appendix B – Incremental Cost Calculation. Appendix B shows the calculation of this incremental cost for the qualified renewable resources. The supporting documentation and spreadsheets are in the work papers for this filing. The costs for the solar projects supporting voluntary renewable programs are not included in this cost calculation because the costs and benefits of those projects are paid for solely by the participants in those programs. The costs in Appendix B were calculated using the current corporate tax rates.

VII. ALTERNATIVE COMPLIANCE

WAC 480-109-220 provides three alternatives for meeting renewable resource requirements, including:

- 1) Cost cap;
- 2) Force majeure; and
- 3) No load growth.

Avista is not using an alternative to the renewable resource requirement for the 2024 target as provided for in WAC 480-109-220. The Company is meeting its 2024 renewable energy target using a combination of renewable energy credits from wind, qualifying biomass, solar and qualifying hydroelectric plant upgrades.

VIII. CURRENT YEAR PROGRESS

Avista plans to meet its 2024 renewable energy targets with a combination of qualified hydroelectric upgrades and other renewable energy certificates from qualifying resources. Table 3 below provides a high-level summary of the Company's expected 2024 compliance. Appendix A contains more details about this information.

Table 3: 2024 Energy Independence Act Compliance Summary (MWh)

| | 2024 |
|---|-------------|
| EIA Compliance Need | 872,570 |
| Eligible Renewable Resources | 1,495,038 |
| Eligible Renewable Resource Sales | (56,296) |
| Unrealized Apprentice Credits from REC Sales | (19) |
| 2024 RECs Applied to 2023 | 0 |
| Renewable Resource Surplus | 566,153 |
| Estimated 2025 Surplus Applied to 2024 | 0 |
| Net 2024 Compliance | 566,153 |

IX. ELIGIBLE RESOURCES

Table 4 includes the projected amount of qualifying resources net of completed and expected 2024 REC sales from Palouse Wind, Rattlesnake Flat Wind, Kettle Falls, and Clearwater Wind. The amount of generation from Kettle Falls shown in Table 5 has been reduced by 4.46% to account for the expected amount of non-qualifying old growth fuel obtained from Canadian biomass fuel sources. Even though Grant PUD now registers the qualifying generation from the Wanapum and Priest Rapids hydroelectric projects in WREGIS, and Avista is receiving its share of those credits in its WREGIS account, it remains ineligible for use in Avista’s EIA compliance because Grant PUD utilizes Hydro Method Three, which is no longer allowed for compliance per WAC 480-109-200(7). Avista has elected to receive financial compensation for its share of any eligible incremental hydroelectric generation through its participation in the Residential Exchange Agreement with the Bonneville Power Administration (BPA), so there are no RECs available to list from BPA under that agreement.

The Clearwater Wind Project became operational on November 17, 2022, Avista’s share of the project expansion is expected to be on-line by September 2024. The project is in eastern Montana and has not been certified by the Washington State Apprenticeship and Training Council and is not expected to apply for certification. The Clearwater Wind PPA was submitted to the Commission for a determination of prudence in Docket No. UE-240006. Avista is requesting that the Commission certify the Clearwater Wind project as an EIA-qualifying resource in this year’s report. This project meets the definition of renewable energy under WAC 480-109-060(32).

Table 4: Renewable Energy for 2024 Compliance Net of REC Sales

| WREGIS Generation Unit ID | Generator Plant – Unit Name | Quantity (MWh) |
|----------------------------------|------------------------------------|-----------------------|
| W1560 | Cabinet Gorge Unit 2 | 14,870 |
| W1561 | Cabinet Gorge Unit 3 | 10,733 |
| W1562 | Cabinet Gorge Unit 4 | 14,310 |
| W130 / W797 | Kettle Falls | 321,280 |
| W2102 | Little Falls Unit 4 | 2,063 |
| W2103 | Long Lake Unit 3 | 13,206 |
| W216 | Nine Mile Unit 1 | 15,048 |
| W283 | Nine Mile Unit 2 | 15,900 |
| W1530 | Noxon Rapids Unit 1 | 21,315 |
| W1552 | Noxon Rapids Unit 2 | 6,345 |
| W1554 | Noxon Rapids Unit 3 | 20,875 |
| W1555 | Noxon Rapids Unit 4 | 13,202 |
| W2906 | Palouse Wind | 370,320 |
| W4757 | Boulder Solar | 1,010 |
| W10997 | Rattlesnake Flat Wind | 451,033 |
| W14351 | Clearwater Wind | 147,212 |
| Total | | 1,438,723 |

Energy generated by the Kettle Falls Generating Station became qualified biomass energy under the EIA beginning January 1, 2016. All United States sourced wood waste fuel used at Kettle Falls satisfies the requirements to be qualified “biomass energy” under the EIA, in part because old growth timber is not harvested in any of the applicable areas of the United States. Avista engaged an independent entity, KPMG, to review the sources of Canadian wood waste fuel supply serving the Kettle Falls Generating Station in order to determine the amount of qualifying biomass energy that is supplied from Canadian sources. The work papers contain a calculation of the amount of qualifying biomass energy generated by the Kettle Falls Generating Station, and Appendix D – Biomass Methodology Report shows the calculation of the Canadian wood waste fuel component that satisfies the requirements to be qualified “biomass energy”.

There are two additional solar projects listed in Appendix A because of their eligibility under the EIA. However, the Rathdrum Solar and Adams-Neilson Solar Farm projects are currently assigned to the My Clean Energy (formerly Buck-A-Block) and Solar Select voluntary

renewable programs. All RECs generated by these two resources are retired on behalf of the customers who choose to participate in these voluntary programs.

X. MULTISTATE ALLOCATIONS

All of the associated RECs from generation eligible for the EIA are assigned to Washington customers, and Idaho customers are compensated by Washington customers for the cost of those RECs transferred for use in EIA compliance. The Company includes an adjustment to account for the value of RECs transferred from Idaho to Washington. The value of RECs is split between the two states based on the Production and Transmission Ratio. The Idaho portion of the qualified renewable energy is transferred to Washington based upon the market value of similar renewable resources. This is consistent with the allocation of REC values between Washington and Idaho for ratemaking purposes.

XI. SALES

Table 6 summarizes Avista’s system-wide EIA-qualified REC revenues by source and by vintage from January 1, 2022, through May 20, 2024. Any additional REC revenues that occur during the remainder of 2024 will be included in the 2025 report.

Table 5: REC Sales through May 20, 2024

| Source | WREGIS # | 2022 Vintage | 2023 Vintage | 2024 Vintage | Total REC Revenue |
|----------------------------------|--------------------|-------------------------|-------------------------|-------------------------|------------------------------|
| Kettle Falls | W130 / W797 | \$794,453 | \$116,540 | \$267,048 | \$1,178,041 |
| Palouse Wind | W2906 | \$0 | \$0 | \$0 | \$0 |
| Rattlesnake Flat Wind | W10997 | \$388,276 | \$81,724 | \$0 | \$470,000 |
| Clearwater Wind | W14351 | \$0 | \$0 | \$0 | \$0 |
| Totals | | \$1,182,729 | \$198,264 | \$267,048 | \$1,648,041 |

XII. APPENDICES

The following appendices provide details about the eligible renewable resources Avista used to meet its renewable energy goals under the Energy Independence Act.

Appendix A: UTC Compliance Report Spreadsheet

Appendix B: Department of Commerce Incremental Cost Calculations

Appendix C: Department of Commerce EIA Renewables Report

Appendix D: Biomass Methodology Report

RESPECTFULLY SUBMITTED this 31st day of May 2024.

AVISTA CORPORATION

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