



Electric Company ESG/Sustainability Quantitative Information

Parent Company: Avista Corporation
Operating Company(s): Avista Utilities
Business Type(s): Electrical generation and distribution
State(s) of Operation: ID, WA
State(s) with RPS Programs: WA
Regulatory Environment: Regulated
Report Date: 12/20/2024

Portfolio	EEI Baseline	EEI Prior Reported Years						Current Year
	2005	2017	2018	2019	2020	2021	2022	2023
Owned Nameplate Generation Capacity at end of year (MW)								
Coal	233	233	233	233	233	233	233	233
Natural Gas	552	547	547	547	547	547	547	547
Nuclear	-	-	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-	-	-
Total Renewable Energy Resources	953	991	991	991	995	995	996	996
Biomass/Biogas	51	51	51	51	51	51	51	51
Geothermal	-	-	-	-	-	-	-	-
Hydroelectric	902	940	940	940	944	944	945	945
Solar	-	-	-	-	-	-	-	-
Wind	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total	1,739	1,772	1,772	1,772	1,776	1,776	1,776	1,776
Net Generation for the data year (MWh) Scope 1 + Scope 3								
Coal	1,770,709	1,423,319	1,389,037	1,582,048	1,220,311	1,521,720	1,619,811	1,641,846
Natural Gas	1,557,418	3,090,056	3,289,220	3,953,871	3,673,474	3,610,615	3,782,327	4,940,699
Nuclear	-	-	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-	-	-
Total Renewable Energy Resources	5,241,484	5,744,077	6,050,510	5,505,980	5,865,417	6,324,678	6,460,788	5,211,850
Biomass/Biogas	375,016	325,150	373,141	356,065	302,429	359,064	319,369	317,075
Geothermal	-	-	-	-	-	-	-	-
Hydroelectric	4,793,778	5,118,061	5,348,045	4,804,872	5,109,874	5,137,342	5,427,072	4,219,039
Solar	-	486	2,152	42,907	45,815	43,979	35,404	37,439
Wind	72,690	300,380	327,172	302,136	407,299	784,293	678,943	638,297
Other	4,727,481	2,195,037	2,218,771	1,876,316	1,830,016	1,213,435	1,670,522	1,915,215
Total	13,297,092	12,452,489	12,947,538	12,918,215	12,589,218	12,670,448	13,533,448	13,709,610
Owned Net Generation for the data year (MWh) Scope 1								
Coal	1,770,709	1,423,319	1,389,037	1,582,048	1,220,311	1,521,720	1,619,811	1,641,846
Natural Gas	1,557,418	1,762,809	1,697,829	2,155,469	1,988,395	1,790,247	2,129,707	3,134,299
Nuclear	-	-	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-	-	-
Total Renewable Energy Resources	3,948,993	4,268,177	4,366,311	3,835,996	3,915,351	3,921,302	4,235,104	3,332,415
Biomass/Biogas	338,170	290,117	336,936	316,112	264,851	322,814	305,511	308,291
Geothermal	-	-	-	-	-	-	-	-
Hydroelectric	3,610,823	3,978,060	4,029,375	3,519,884	3,650,500	3,598,488	3,929,593	3,024,124
Solar	-	-	-	-	-	-	-	-
Wind	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total	7,277,120	7,454,305	7,453,177	7,573,513	7,124,057	7,233,269	7,984,622	8,108,560
Purchased Net Generation for the data year (MWh) Scope 3								
Coal	-	-	-	-	-	-	-	-
Natural Gas	-	1,327,247	1,591,391	1,798,402	1,685,079	1,820,368	1,652,620	1,806,400
Nuclear	-	-	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-	-	-
Total Renewable Energy Resources	1,292,491	1,475,900	1,684,199	1,669,984	1,950,066	2,403,376	2,225,684	1,879,435
Biomass/Biogas	36,846	35,033	36,205	39,953	37,578	36,250	13,858	8,784
Geothermal	-	-	-	-	-	-	-	-
Hydroelectric	1,182,955	1,140,001	1,318,670	1,284,988	1,459,374	1,538,854	1,497,479	1,194,915
Solar	-	486	2,152	42,907	45,815	43,979	35,404	37,439
Wind	72,690	300,380	327,172	302,136	407,299	784,293	678,943	638,297
Other	4,727,481	2,195,037	2,218,771	1,876,316	1,830,016	1,213,435	1,670,522	1,915,215
Total	6,019,972	4,998,184	5,494,361	5,344,702	5,465,161	5,437,179	5,548,826	5,601,050

Note: Data sourced from EPA GHG MRR Subparts C, D, W, and DD; EIA Form 861; SEC form 10-K; and FERC Form 1.
 © 2021 Edison Electric Institute. All rights reserved.

Portfolio	EEI Baseline	EEI Prior Reported Years						Current Year
	2005	2017	2018	2019	2020	2021	2022	2023
Capital Expenditures and Energy Efficiency (EE)								
Total Annual Capital Expenditures (nominal dollars)	\$ 259,675,718	\$ 406,201,555	\$ 420,377,970	\$ 439,249,001	\$ 399,504,892	\$ 441,862,369	\$ 449,340,115	\$ 490,335,100
Incremental Annual Electricity Savings from EE Measures (MWh)	56,571	107,039	76,247	66,972	40,897	55,816	37,948	55,560
Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 4,500,000	\$ 32,772,867	\$ 25,156,166	\$ 23,862,479	\$ 17,343,392	\$ 19,322,449	\$ 19,463,568	\$ 38,726,915
Retail Electric Customer Count (at end of year)								
Commercial	37,282	42,153	42,618	42,930	43,399	44,110	44,578	45,341
Industrial	1,407	1,328	1,318	1,305	1,297	1,205	1,194	1,188
Residential	294,036	334,848	340,308	345,064	349,890	356,387	361,606	366,450
Emissions								
GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)								
Owned Generation (1) (2) (3) Scope 1								
Carbon Dioxide (CO2)								
Total Owned Generation CO2 Emissions (MT)	2,353,791	2,070,820	2,049,381	2,346,316	1,949,751	2,183,371	2,435,731	3,020,807
Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.323	0.278	0.275	0.310	0.274	0.302	0.305	0.373
Carbon Dioxide Equivalent (CO2e)								
Total Owned Generation CO2e Emissions (MT)	2,371,430	2,093,789	2,072,194	2,371,368	1,968,205	2,204,752	2,458,675	3,035,164
Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.326	0.281	0.278	0.313	0.276	0.305	0.308	0.374
Purchased Power (4) Scope 3								
Carbon Dioxide (CO2)								
Total Purchased Generation CO2 Emissions (MT)	1,934,718	1,158,821	1,262,042	1,226,640	1,173,903	1,024,121	1,117,560	1,287,203
Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.321	0.232	0.230	0.230	0.215	0.188	0.201	0.230
Carbon Dioxide Equivalent (CO2e)								
Total Purchased Generation CO2e Emissions (MT)	1,934,783	1,163,296	1,266,681	1,231,075	1,178,206	1,026,863	1,120,515	1,291,205
Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.321	0.233	0.231	0.230	0.216	0.189	0.202	0.231
Owned Generation + Purchased Power Scope 1 + Scope 3								
Carbon Dioxide (CO2)								
Total Owned + Purchased Generation CO2 Emissions (MT)	4,288,509	3,229,641	3,311,423	3,572,956	3,123,654	3,207,492	3,553,290	4,308,010
Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.323	0.259	0.256	0.277	0.248	0.253	0.263	0.314
Carbon Dioxide Equivalent (CO2e)								
Total Owned + Purchased Generation CO2e Emissions (MT)	4,306,213	3,257,085	3,338,875	3,602,443	3,146,411	3,231,615	3,579,190	4,326,369
Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.324	0.262	0.258	0.279	0.250	0.255	0.264	0.316
Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)								
Total CO2e emissions of SF6 (MT)	N/A	3,082	11,996	4,917	1,015	10,363	10	1,438
Leak rate of CO2e emissions of SF6 (MT/Net MWh)	N/A	0.000248	0.000927	0.000381	0.000081	0.000818	0.000001	0.000105
Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)								
Generation basis for calculation (6)	Total Scope 1	Total Scope 1	Total Scope 1	Total Scope 1	Total Scope 1	Total Scope 1	Total Scope 1	Total Scope 1
Nitrogen Oxide (NOx)								
Total NOx Emissions (MT)	3,954	1,549	1,588	1,684	1,247	1,602	1,869	2,034
Total NOx Emissions Intensity (MT/Net MWh)	0.000543	0.000208	0.000213	0.000222	0.000175	0.000221	0.000234	0.000251
Sulfur Dioxide (SO2)								
Total SO2 Emissions (MT)	776	636	598	675	245	554	685	715
Total SO2 Emissions Intensity (MT/Net MWh)	0.000107	0.000085	0.000080	0.000089	0.000034	0.000077	0.000086	0.000088
Mercury (Hg)								
Total Hg Emissions (kg)	200.91	5.85	5.28	5.77	4.26	4.69	5.57	5.78
Total Hg Emissions Intensity (kg/Net MWh)	0.000028	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001

[Metrics Continue on Next Page]

Resources	EEI Baseline	EEI Prior Reported Years						Current Year
	2005	2017	2018	2019	2020	2021	2022	2023
Human Resources								
Total Number of Employees	1,406	1,738	1,763	1,791	1,798	1,809	1,767	1,858
Percentage of Women in Total Workforce	29.7%	28.5%	28.5%	28.9%	29.7%	29.0%	28.9%	29.1%
Percentage of Minorities in Total Workforce	6.2%	7.9%	8.2%	7.8%	8.1%	8.2%	8.7%	9.3%
Total Number on Board of Directors/Trustees	11	11	10	11	11	11	11	11
Percentage of Women on Board of Directors/Trustees	18.2%	36.4%	40.0%	36.4%	36.4%	45.5%	45.5%	36.4%
Percentage of Minorities on Board of Directors/Trustees	9.1%	9.1%	10.0%	9.1%	9.1%	18.2%	18.2%	18.2%
Employee Safety Metrics								
Recordable Incident Rate	6.20	3.96	4.92	3.57	3.27	4.12	3.50	4.57
Lost-time Case Rate	0.32	1.52	1.68	1.31	1.49	1.61	1.90	2.17
Days Away, Restricted, and Transfer (DART) Rate	0.32	2.38	2.28	2.02	1.90	2.27	2.61	2.51
Work-related Fatalities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fresh Water Resources used in Thermal Power Generation Activities								
Water Withdrawals - Consumptive (Millions of Gallons)	854	861	1,329	1,307	1,013	941	1,277	1,377
Water Withdrawals - Non-Consumptive (Millions of Gallons)	38	57	63	63	60	69	91	116
Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	0.000233	0.000248	0.000388	0.000322	0.000292	0.000259	0.000315	0.000271
Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	0.000010	0.000016	0.000018	0.000016	0.000017	0.000019	0.000022	0.000023
Waste Products								
Amount of Hazardous Waste Manifested for Disposal (in Pounds)	6,100	22,651	34,925	32,276	13,180	6,948	7,366	3,150
Percent of Coal Combustion Products Beneficially Used	0%	0%	0%	0%	0%	0%	0%	0%
Key:								
MT = metric tons 1 lb. = 453.59 grams 1 tonne = 1,000,000.00 grams 1 metric ton = 1.1023 short tons Total output-based emissions factor = CO2 - 602.1 lb/MWh; CO2e - 605.9 lb/MWh, emission factor from eGRID 2022 GHG Annual Output Emission Rates, WECC Northwest.								
Notes:								
(1) Generation and emissions are adjusted for equity ownership share to reflect the percentage of output owned by reporting entity.								
(2) CO2 and CO2e emissions intensity should be reported using total system generation (net MWh) based on EEI GHG worksheet.								
(3) As reported to EPA under the mandatory GHG Reporting Protocols (40 CFR Part 98, Subparts C and D).								
(4) Purchased power emissions should be calculated using the most relevant and accurate of the following methods: For direct purchases, such as PPAs, use the direct emissions data as reported to EPA. For market purchases where emissions are unknown, use applicable regional or national emissions rate: - ISO/RTO-level emission factors - Climate Registry emission factors - E-Grid emission factors								
(5) As reported to EPA under the mandatory GHG Reporting Protocols (40 CFR Part 98, Subpart DD).								
(6) Indicate the generation basis for calculating SO2, NOx, and Hg emissions and intensity. Fossil: Fossil Fuel Generation Only Total: Total System Generation (Scope 1) Other: Other (please specify in comment section)								
Total CO2e is calculated using the following global warming potentials from the IPCC Fourth Assessment Report:								
CO2 = 1 CH4 = 25 N2O = 298 SF6 = 22,800								