



Electric Company ESG/Sustainability Quantitative Information

Parent Company: *Puget Energy*
 Operating Company(s): *Puget Sound Energy (PSE)*
 Business Type(s): *Vertically integrated*
 State(s) of Operation: *Washington*
 State(s) with RPS Programs: *Washington*
 Regulatory Environment: *Regulated*
 Report Date: *09/20/2024*

		Last Year	Current Year	
		2022	2023	Additional Information and Notes
Portfolio				
1	Owned Nameplate Generation Capacity at end of year (MW)	3,339.5	3,339.5	
1.1	Coal	370	370	https://www.pse.com/pages/energy-supply/thermal-power
1.2	Natural Gas	1,928	1,928	https://www.pse.com/pages/energy-supply/thermal-power
1.3	Nuclear	0	0	
1.4	Petroleum	0	0	
1.5	Total Renewable Energy Resources	1,037	1,037	
1.5.1	<i>Biomass/Biogas</i>	0	0	
1.5.2	<i>Geothermal</i>	0	0	
1.5.3	<i>Hydroelectric</i>	263	263	https://www.pse.com/en/pages/energy-supply/hydro-power
1.5.4	<i>Solar</i>	0.5	0.5	https://www.pse.com/en/pages/energy-supply/solar-power
1.5.5	<i>Wind</i>	773	773	https://www.pse.com/en/pages/energy-supply/wind-power
1.6	Other	5	5	Crystal Mountain Emergency Generator (3 MW), Glacier Battery Storage (2 MW)
2	Net Generation for the data year (MWh)	22,993,608	22,290,295	
2.1	Coal	6,054,868	6,000,026	
2.2	Natural Gas	6,027,861	10,282,098	
2.3	Nuclear	0	0	
2.4	Petroleum	821	34	
2.5	Total Renewable Energy Resources	9,810,861	10,739,159	
2.5.1	<i>Biomass/Biogas</i>	128,851	185,289	
2.5.2	<i>Geothermal</i>	0	0	
2.5.3	<i>Hydroelectric</i>	6,576,419	6,154,920	
2.5.4	<i>Solar</i>	361,364	324,958	
2.5.5	<i>Wind</i>	2,744,227	4,073,991	
2.6	Other	1,099,199	-5,001,379	

		Last Year	Current Year	
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2.i	Owned Net Generation for the data year (MWh)	11,200,583	14,895,145	
2.1.i	Coal	2,726,665	2,673,671	
2.2.i	Natural Gas	6,027,861	9,954,422	
2.3.i	Nuclear	0	0	
2.4.i	Petroleum	821	34	
2.5.i	Total Renewable Energy Resources	2,443,589	2,265,369	
2.5.1.i	<i>Biomass/Biogas</i>	0	0	
2.5.2.i	<i>Geothermal</i>	0	0	
2.5.3.i	<i>Hydroelectric</i>	758,615	699,907	
2.5.4.i	<i>Solar</i>	0	0	
2.5.5.i	<i>Wind</i>	1,684,974	1,565,462	
2.6.i	Other	1,649	1,650	Crystal Mountain Emergency Generator (3 MW), Glacier Battery Storage (2 MW)
2.ii	Purchased Net Generation for the data year (MWh)	11,793,025	7,395,150	
2.1.ii	Coal	3,328,203	3,326,355	
2.2.ii	Natural Gas	0	327,676	
2.3.ii	Nuclear	0	0	
2.4.ii	Petroleum	0	0	
2.5.ii	Total Renewable Energy Resources	7,367,272	8,473,790	
2.5.1.ii	<i>Biomass/Biogas</i>	128,851	185,289	
2.5.2.ii	<i>Geothermal</i>	0	0	
2.5.3.ii	<i>Hydroelectric</i>	5,817,804	5,455,013	
2.5.4.ii	<i>Solar</i>	361,364	324,958	
2.5.5.ii	<i>Wind</i>	1,059,253	2,508,529	
2.6.ii	Other	1,097,550	-5,003,029	
3	Capital Expenditures and Energy Efficiency (EE)			
3.1	Total Annual Capital Expenditures (nominal dollars) ¹	\$ 307,627,554	\$ 417,725,424	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	244,343	258,198	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 99,157,281	\$ 120,779,370	
4	Retail Electric Customer Count (at end of year)			
4.1	Commercial	133,770	135,087	
4.2	Industrial	3,219	3,192	
4.3	Residential	1,072,003	1,083,546	

¹ Total annual capital expenditures includes gas-related expenditures.

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Emissions				
5	GHG Emissions: Carbon Dioxide (CO₂) and Carbon Dioxide Equivalent (CO₂e)			
5.1	Owned Generation			https://www.pse.com/en/pages/greenhouse-gas-policy
5.1.1	Carbon Dioxide (CO ₂)			
5.1.1.1	Total Owned Generation CO ₂ Emissions (MT)	5,278,049	7,293,922	
5.1.1.2	Total Owned Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.471	0.490	
5.1.2	Carbon Dioxide Equivalent (CO ₂ e)			
5.1.2.1	Total Owned Generation CO ₂ e Emissions (MT)	5,302,528	7,320,519	
5.1.2.2	Total Owned Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.473	0.491	
5.2	Purchased Power			https://www.pse.com/en/pages/greenhouse-gas-policy
5.2.1	Carbon Dioxide (CO ₂)			
5.2.1.1	Total Purchased Generation CO ₂ Emissions (MT)	4,983,001	4,525,924	
5.2.1.2	Total Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.423	0.612	
5.2.2	Carbon Dioxide Equivalent (CO ₂ e)			
5.2.2.1	Total Purchased Generation CO ₂ e Emissions (MT)	5,020,333	4,559,937	
5.2.2.2	Total Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.426	0.617	
5.3	Owned Generation + Purchased Power			https://www.pse.com/en/pages/greenhouse-gas-policy
5.3.1	Carbon Dioxide (CO ₂)			
5.3.1.1	Total Owned + Purchased Generation CO ₂ Emissions (MT)	10,261,050	11,819,847	
5.3.1.2	Total Owned + Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.446	0.530	
5.3.2	Carbon Dioxide Equivalent (CO ₂ e)			
5.3.2.1	Total Owned + Purchased Generation CO ₂ e Emissions (MT)	10,322,861	11,880,456	
5.3.2.2	Total Owned + Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.449	0.533	
5.4	Non-Generation CO₂e Emissions of Sulfur Hexafluoride (SF₆)			https://www.pse.com/en/pages/greenhouse-gas-policy
5.4.1	Total CO ₂ e emissions of SF ₆ (MT)	6,867	10,868	
5.4.2	Leak rate of CO ₂ e emissions of SF ₆ (MT/Net MWh)	2.99E-04	4.88E-04	

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6	Nitrogen Oxide (NO_x), Sulfur Dioxide (SO₂), Mercury (Hg)			
6.1	Generation basis for calculation	Fossil Fuel Generation Only	Fossil Fuel Generation Only	
6.2	Nitrogen Oxide (NO_x)			
6.2.1	Total NO _x Emissions (MT)	2,719	4,562	
6.2.2	Total NO _x Emissions Intensity (MT/Net MWh)	1.18E-04	2.05E-04	
6.3	Sulfur Dioxide (SO₂)			
6.3.1	Total SO ₂ Emissions (MT)	1,189	1,104	
6.3.2	Total SO ₂ Emissions Intensity (MT/Net MWh)	4.80E-05	5.33E-05	
6.4	Mercury (Hg)			
6.4.1	Total Hg Emissions (kg)	8.4	9.7	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	3.67E-07	4.34E-07	
Resources				
7	Human Resources			
7.1	Total Number of Employees	3,250	3,340	
7.2	Percentage of Women in Total Workforce	37 %	37 %	
7.3	Percentage of Minorities in Total Workforce	22 %	21 %	
7.4	Total Number on Board of Directors/Trustees	13	14	
7.5	Percentage of Women on Board of Directors/Trustees	23 %	36 %	
7.6	Percentage of Minorities on Board of Directors/Trustees	0 %	0 %	
7.7	Employee Safety Metrics			
7.7.1	Recordable Incident Rate	1.08	0.98	
7.7.2	Lost-time Case Rate	1.63	1.42	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	0.42	0.31	
7.7.4	Work-related Fatalities	0	0	
8	Fresh Water Resources used in Thermal Power Generation Activities			
8.1	Water Withdrawals - Consumptive (Millions of Gallons)	2,667	3,144	
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	272	363	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	116	141	
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	12	16	

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9	Waste Products			
9.1	Amount of Hazardous Waste Manifested for Disposal (Metric tons) ²	47	37	
9.2	Percent of Coal Combustion Products Beneficially Used	0.00 %	0.00 %	No coal combustion products were beneficially used for 2023.

² Excludes remediation waste.