



# 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: *12/14/2023*

		Last Year	Current Year	
		2021	2022	Additional Information and Notes
<b>Portfolio</b>				
<b>1</b>	<b>Owned Nameplate Generation Capacity at end of year (MW)</b>	<b>3,339.5</b>	<b>3,339.5</b>	
1.1	Coal	370	370	<a href="https://www.pse.com/pages/energy-supply/thermal-power">https://www.pse.com/pages/energy-supply/thermal-power</a>
1.2	Natural Gas	1,928	1,928	<a href="https://www.pse.com/pages/energy-supply/thermal-power">https://www.pse.com/pages/energy-supply/thermal-power</a>
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	<a href="https://www.pse.com/en/pages/energy-supply/hydro-power">https://www.pse.com/en/pages/energy-supply/hydro-power</a>
1.5.4	<i>Solar</i>	0.5	0.5	<a href="https://www.pse.com/en/pages/energy-supply/solar-power">https://www.pse.com/en/pages/energy-supply/solar-power</a>
1.5.5	<i>Wind</i>	773	773	<a href="https://www.pse.com/en/pages/energy-supply/wind-power">https://www.pse.com/en/pages/energy-supply/wind-power</a>
1.6	Other	5	5	Crystal Mountain Emergency Generator (3 MW), Glacier Battery Storage (2 MW)
<b>2</b>	<b>Net Generation for the data year (MWh)</b>	<b>21,943,179</b>	<b>23,008,451</b>	
2.1	Coal	4,934,681	5,184,712	
2.2	Natural Gas	7,437,505	6,027,861	
2.3	Nuclear	0	0	
2.4	Petroleum	527	821	
2.5	Total Renewable Energy Resources	7,706,538	8,834,861	
2.5.1	<i>Biomass/Biogas</i>	183,337	128,851	
2.5.2	<i>Geothermal</i>	0	0	
2.5.3	<i>Hydroelectric</i>	4,939,054	5,600,419	
2.5.4	<i>Solar</i>	366,876	36,672	
2.5.5	<i>Wind</i>	2,217,272	3,068,919	
2.6	Other	1,863,930	2,960,198	

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<b>2.i</b>	<b>Owned Net Generation for the data year (MWh)</b>	<b>13,047,943</b>	<b>11,200,583</b>	
2.1.i	Coal	2,576,702	2,726,665	
2.2.i	Natural Gas	7,437,505	6,027,861	
2.3.i	Nuclear	0	0	
2.4.i	Petroleum	527	821	
2.5.i	Total Renewable Energy Resources	3,031,606	2,443,589	
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>	957,818	758,615	
2.5.4.i	<i>Solar</i>	0	0	
2.5.5.i	<i>Wind</i>	2,073,787	1,684,974	
2.6.i	Other	1,605	1,649	Crystal Mountain Emergency Generator (3 MW), Glacier Battery Storage (2 MW)
<b>2.ii</b>	<b>Purchased Net Generation for the data year (MWh)</b>	<b>8,895,236</b>	<b>11,807,868</b>	
2.1.ii	Coal	2,357,979	2,458,047	
2.2.ii	Natural Gas	0	0	
2.3.ii	Nuclear	0	0	
2.4.ii	Petroleum	0	0	
2.5.ii	Total Renewable Energy Resources	4,674,932	6,391,272	
2.5.1.ii	<i>Biomass/Biogas</i>	183,337	128,851	
2.5.2.ii	<i>Geothermal</i>	0	0	
2.5.3.ii	<i>Hydroelectric</i>	3,981,235	4,841,804	
2.5.4.ii	<i>Solar</i>	366,876	36,672	
2.5.5.ii	<i>Wind</i>	143,485	1,383,945	
2.6.ii	Other	1,862,325	2,958,549	
<b>3</b>	<b>Capital Expenditures and Energy Efficiency (EE)</b>			
3.1	Total Annual Capital Expenditures (nominal dollars) <sup>1</sup>	\$ 448,087,587	\$ 307,627,554	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	169,810	244,343	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 82,906,365	\$ 99,157,281	
<b>4</b>	<b>Retail Electric Customer Count (at end of year)</b>			
4.1	Commercial	133,002	133,770	
4.2	Industrial	3,246	3,219	
4.3	Residential	1,059,239	1,072,003	

<sup>1</sup> Total annual capital expenditures includes gas-related expenditures.

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<b>Emissions</b>				
<b>5</b>	<b>GHG Emissions: Carbon Dioxide (CO<sub>2</sub>) and Carbon Dioxide Equivalent (CO<sub>2</sub>e)</b>			
<b>5.1</b>	<b>Owned Generation</b>			<a href="https://www.pse.com/en/pages/greenhouse-gas-policy">https://www.pse.com/en/pages/greenhouse-gas-policy</a>
5.1.1	Carbon Dioxide (CO <sub>2</sub> )			
5.1.1.1	Total Owned Generation CO <sub>2</sub> Emissions (MT)	5,656,337	5,227,670	
5.1.1.2	Total Owned Generation CO <sub>2</sub> Emissions Intensity (MT/Net MWh)	0.434	0.467	
5.1.2	Carbon Dioxide Equivalent (CO <sub>2</sub> e)			
5.1.2.1	Total Owned Generation CO <sub>2</sub> e Emissions (MT)	5,679,256	5,251,226	
5.1.2.2	Total Owned Generation CO <sub>2</sub> e Emissions Intensity (MT/Net MWh)	0.435	0.469	
<b>5.2</b>	<b>Purchased Power</b>			<a href="https://www.pse.com/en/pages/greenhouse-gas-policy">https://www.pse.com/en/pages/greenhouse-gas-policy</a>
5.2.1	Carbon Dioxide (CO <sub>2</sub> )			
5.2.1.1	Total Purchased Generation CO <sub>2</sub> Emissions (MT)	3,259,546	3,995,102	
5.2.1.2	Total Purchased Generation CO <sub>2</sub> Emissions Intensity (MT/Net MWh)	0.366	0.338	
5.2.2	Carbon Dioxide Equivalent (CO <sub>2</sub> e)			
5.2.2.1	Total Purchased Generation CO <sub>2</sub> e Emissions (MT)	3,278,827	3,995,102	
5.2.2.2	Total Purchased Generation CO <sub>2</sub> e Emissions Intensity (MT/Net MWh)	0.369	0.338	
<b>5.3</b>	<b>Owned Generation + Purchased Power</b>			<a href="https://www.pse.com/en/pages/greenhouse-gas-policy">https://www.pse.com/en/pages/greenhouse-gas-policy</a>
5.3.1	Carbon Dioxide (CO <sub>2</sub> )			
5.3.1.1	Total Owned + Purchased Generation CO <sub>2</sub> Emissions (MT)	8,915,884	9,222,771	
5.3.1.2	Total Owned + Purchased Generation CO <sub>2</sub> Emissions Intensity (MT/Net MWh)	0.406	0.401	
5.3.2	Carbon Dioxide Equivalent (CO <sub>2</sub> e)			
5.3.2.1	Total Owned + Purchased Generation CO <sub>2</sub> e Emissions (MT)	8,958,083	9,246,328	
5.3.2.2	Total Owned + Purchased Generation CO <sub>2</sub> e Emissions Intensity (MT/Net MWh)	0.408	0.402	
<b>5.4</b>	<b>Non-Generation CO<sub>2</sub>e Emissions of Sulfur Hexafluoride (SF<sub>6</sub>)</b>			<a href="https://www.pse.com/en/pages/greenhouse-gas-policy">https://www.pse.com/en/pages/greenhouse-gas-policy</a>
5.4.1	Total CO <sub>2</sub> e emissions of SF <sub>6</sub> (MT)	10,680	7,272	
5.4.2	Leak rate of CO <sub>2</sub> e emissions of SF <sub>6</sub> (MT/Net MWh)	4.87E-04	3.16E-04	

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<b>6</b>	<b>Nitrogen Oxide (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>), Mercury (Hg)</b>			
6.1	Generation basis for calculation	Fossil Fuel Generation Only	Fossil Fuel Generation Only	
<b>6.2</b>	<b>Nitrogen Oxide (NO<sub>x</sub>)</b>			
6.2.1	Total NO <sub>x</sub> Emissions (MT)	2,540	2,719	
6.2.2	Total NO <sub>x</sub> Emissions Intensity (MT/Net MWh)	1.16E-04	1.18E-04	
<b>6.3</b>	<b>Sulfur Dioxide (SO<sub>2</sub>)</b>			
6.3.1	Total SO <sub>2</sub> Emissions (MT)	1,104	965	
6.3.2	Total SO <sub>2</sub> Emissions Intensity (MT/Net MWh)	4.40E-05	4.80E-05	
<b>6.4</b>	<b>Mercury (Hg)</b>			
6.4.1	Total Hg Emissions (kg)	7.9	8.4	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	3.58E-07	3.67E-07	
<b>Resources</b>				
<b>7</b>	<b>Human Resources</b>			
7.1	Total Number of Employees	3,185	3,250	
7.2	Percentage of Women in Total Workforce	37 %	36 %	
7.3	Percentage of Minorities in Total Workforce	21 %	22 %	
7.4	Total Number on Board of Directors/Trustees	12	13	
7.5	Percentage of Women on Board of Directors/Trustees	17 %	23 %	
7.6	Percentage of Minorities on Board of Directors/Trustees	0 %	0 %	
7.7	Employee Safety Metrics			
7.7.1	Recordable Incident Rate	1.29	1.08	
7.7.2	Lost-time Case Rate	1.99	1.63	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	0.53	0.42	
7.7.4	Work-related Fatalities	0	0	
<b>8</b>	<b>Fresh Water Resources used in Thermal Power Generation Activities</b>			
8.1	Water Withdrawals - Consumptive (Millions of Gallons)	2,507	2,667	
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	348	272	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	114	116	
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	16	12	

		Last Year	Current Year	
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<b>9</b>	<b>Waste Products</b>			
9.1	Amount of Hazardous Waste Manifested for Disposal (Metric tons) <sup>2</sup>	29	43	
9.2	Percent of Coal Combustion Products Beneficially Used	0.05 %	0.00 %	No coal combustion products were beneficially used for 2022.

<sup>2</sup> Excludes remediation waste.