



Electric Company ESG/Sustainability Quantitative Information

Parent Company: Puget Energy
Operating Company(s): Puget Sound Energy
Business Type(s): Vertically Integrated
State(s) of Operation: Washington
State(s) with RPS Programs: Washington
Regulatory Environment: Regulated
Report Date: January 2020

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Last Year 2017	Current Year 2018	Comments, Links, Additional Information, and Notes
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Portfolio				
1	Owned Nameplate Generation Capacity at end of year (MW)			<i>Provide a link to charts or additional information if available</i>
1.1	Coal	3,614	3,610	
1.2	Natural Gas	677	677	
1.3	Nuclear	2,585	2,585	
1.4	Petroleum	0	0	
1.5	Total Renewable Energy Resources	0	0	
1.5.1	Biomass/Biogas	1,029	1,025	
1.5.2	Geothermal	0	0	
1.5.3	Hydroelectric	0	0	
1.5.4	Solar	254	250	
1.5.5	Wind	2	2	
1.6	Other	773	773	
2	Net Generation for the data year (MWh)	10,825,778	11,168,286	
2.1	Coal	4,463,705	4,184,950	
2.2	Natural Gas	3,822,462	4,152,359	
2.3	Nuclear	0	0	
2.4	Petroleum	0	0	
2.5	Total Renewable Energy Resources	2,639,611		
2.5.1	Biomass/Biogas	0	0	
2.5.2	Geothermal	0	0	
2.5.3	Hydroelectric	864,821	914,540	
2.5.4	Solar	0	0	
2.5.5	Wind	1,674,790	1,932,378	
2.6	Other	746.5	1,363	
3	Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters			
3.1	Total Annual Capital Expenditures (nominal dollars)	318,300	\$ 299,918	<i>Provide a link to functional CapEx projections if available</i>



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3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	101,005,553	91,086,596	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	0%*	0%*	
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)			
4	Retail Electric Customer Count (at end of year)			
4.1	Commercial	126,829	128,845	
4.2	Industrial	3,399	3,362	
4.3	Residential	998,078	1,010,574	



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Emissions

5	GHG Emissions: Carbon Dioxide (CO₂) and Carbon Dioxide Equivalent (CO₂e)			<i>Consider including carbon reduction targets in qualitative discussion</i>
	Note: The alternatives available below are intended to provide flexibility in reporting GHG emissions, and should be used to the extent appropriate for each company.			
5.1	Owned Generation (1) (2) (3)			
5.1.1	Carbon Dioxide (CO ₂)			
5.1.1.1	Total Owned Generation CO ₂ Emissions (MT)	6,181,430	6,045,898	
5.1.1.2	Total Owned Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.57	0.54	
5.1.2	Carbon Dioxide Equivalent (CO ₂ e)			
5.1.2.1	Total Owned Generation CO ₂ e Emissions (MT)	6,182,046	6,084,447	
5.1.2.2	Total Owned Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.57	0.54	
5.2	Purchased Power (4)			
5.2.1	Carbon Dioxide (CO ₂)			
5.2.1.1	Total Purchased Generation CO ₂ Emissions (MT)	4,528,758	4,461,924	
5.2.1.2	Total Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.375	0.404	
5.2.2	Carbon Dioxide Equivalent (CO ₂ e)			
5.2.2.1	Total Purchased Generation CO ₂ e Emissions (MT)	4,528,758	4,481,194	
5.2.2.2	Total Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.375	0.406	
5.3	Owned Generation + Purchased Power			
5.3.1	Carbon Dioxide (CO ₂)			
5.3.1.1	Total Owned + Purchased Generation CO ₂ Emissions (MT)	10,710,188	10,507,822	
5.3.1.2	Total Owned + Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.466	0.473	
5.3.2	Carbon Dioxide Equivalent (CO ₂ e)			
5.3.2.1	Total Owned + Purchased Generation CO ₂ e Emissions (MT)	10,710,804	10,565,641	
5.3.2.2	Total Owned + Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.466	0.476	
5.4	Non-Generation CO₂e Emissions			



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5.4.1	Fugitive CO2e emissions of sulfur hexafluoride (MT) (5)	186	827	
5.4.2	Fugitive CO2e emissions from natural gas distribution (MT) (6)	60,585.271	62,045	
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)			
6.1	Generation basis for calculation (7)	Total		
		8,286,167	8,337,309	
6.2	Nitrogen Oxide (NOx)			
6.2.1	Total NOx Emissions (MT)	5008	4,753	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.001000	0.000570	
6.3	Sulfur Dioxide (SO2)			
6.3.1	Total SO2 Emissions (MT)	3,175	2,730	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.000383	0.000327	
6.4	Mercury (Hg)			
6.4.1	Total Hg Emissions (kg)	0.2	0.2	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.000000	0.000000	



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Resources

7	Human Resources			
7.1	Total Number of Employees	3,140	3,410	
7.2	Total Number on Board of Directors/Trustees	12	11	
7.3	Total Women on Board of Directors/Trustees	3	3	
7.4	Total Minorities on Board of Directors/Trustees	0		
7.5	Employee Safety Metrics			
7.5.1	Recordable Incident Rate	46	39	
7.5.2	Lost-time Case Rate	2	1	
7.5.3	Days Away, Restricted, and Transfer (DART) Rate	0	0	
7.5.4	Work-related Fatalities	0	0	
8	Fresh Water Resources			
8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)			
8.2	Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)			
9	Waste Products			
9.1	Amount of Hazardous Waste Manifested for Disposal	14.8	30.3	Tons of Dangerous Waste manifested for disposal from operations
9.2	Percent of Coal Combustion Products Beneficially Used			

Additional Metrics (Optional)

<i>Insert additional rows in this section as necessary.</i>				
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