



Electric Company ESG/Sustainability Quantitative Information

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Last Year 2020	Current Year 2021	Next Year 2022	Comments, Links, Additional Information, and Notes
Portfolio					
1	Owned Nameplate Generation Capacity at end of year (MW)	3,326	3,339		<i>Provide a link to charts or additional information if available</i>
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	1,023	1,036		
1.5.1	Biomass/Biogas	0	0		
1.5.2	Geothermal	0	0		
1.5.3	Hydroelectric	250	263		https://www.pse.com/pages/energy-supply/hydro-power
1.5.4	Solar	0	0		
1.5.5	Wind	773	773		https://www.pse.com/pages/energy-supply/wind-power
1.6	Other	5	5		Glacier Battery (2 MW), Crystal Emergency Engine (3 MW)
2	Net Generation for the data year (MWh)	20,839,814	22,366,052		Overall total
2.1	Coal	4,603,306	4,934,681		
2.2	Natural Gas	6,506,752	7,438,031		
2.3	Nuclear	0	0		
2.4	Petroleum	0	0		
2.5	Total Renewable Energy Resources	7,910,764	8,131,015		
2.5.1	Biomass/Biogas	40,289	183,337		
2.5.2	Geothermal	0	0		
2.5.3	Hydroelectric	5,353,549	4,939,054		
2.5.4	Solar	301	366,876		
2.5.5	Wind	2,516,625	2,641,749		
2.6	Other	1,818,992	1,862,325		
2.i	Owned Net Generation for the data year (MWh)	11,805,023	13,046,339		
2.1.i	Coal	2,102,338	2,576,702		
2.2.i	Natural Gas	6,506,752	7,438,031		
2.3.i	Nuclear	0	0		
2.4.i	Petroleum	0	0		
2.5.i	Total Renewable Energy Resources	3,195,933	3,031,606		
2.5.1.i	Biomass/Biogas	0	0		
2.5.2.i	Geothermal	0	0		
2.5.3.i	Hydroelectric	980,194	957,818		
2.5.4.i	Solar	0	0		
2.5.5.i	Wind	2,215,739	2,073,787		
2.6.i	Other		0		Glacier Battery (2 MW), Crystal Emergency Engine (3 MW)



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2.ii	Purchased Net Generation for the data year (MWh)	9,034,791	9,319,713		<i>Provide total in this row only if resource types are unknown due to market purchases</i>
2.1.ii	Coal	2,500,968	2,357,979		
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	4,714,831	5,099,409		
2.5.1.ii	Biomass/Biogas	40,289	183,337		
2.5.2.ii	Geothermal	0	0		
2.5.3.ii	Hydroelectric	4,373,355	3,981,235		
2.5.4.ii	Solar	301	366,876		
2.5.5.ii	Wind	300,886	567,962		
2.6.ii	Other	1,818,992	1,862,325		
3	Capital Expenditures and Energy Efficiency (EE)				
3.1	Total Annual Capital Expenditures (nominal dollars)	\$10,671,328	\$11,028,511		<i>In thousands \$</i>
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	221,001	169,810		
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 67,291	\$ 82,906		<i>In thousands \$</i>
4	Retail Electric Customer Count (at end of year)				
4.1	Commercial	131,000	133,000		
4.2	Industrial	3,000	3,000		
4.3	Residential	1,048,000	1,059,000		

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 (CO2)				
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	4,774,942	5,656,337		
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.404	0.434		
5.1.2	Carbon Dioxide Equivalent (CO2e)				
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	4,790,831	5,679,256		
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.406	0.435		
5.2	Purchased Power (4)				
5.2.1	Carbon Dioxide (CO2)				
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	3,445,615	3,416,609		
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.381	0.367		
5.2.2	Carbon Dioxide Equivalent (CO2e)				
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	3,445,966	3,436,853		
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.381	0.369		



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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)	8,220,557	9,072,946		
5.3.1.2	Total Owned + Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.394	0.406		
5.3.2	Carbon Dioxide Equivalent (CO ₂ e)				
5.3.2.1	Total Owned + Purchased Generation CO ₂ e Emissions (MT)	8,236,797	9,116,109		
5.3.2.2	Total Owned + Purchased Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.395	0.408		
5.4	Non-Generation CO₂e Emissions of Sulfur Hexafluoride (SF₆) (5)				
5.4.1	Total CO ₂ e emissions of SF ₆ (MT)	15,560	10,680		
5.4.2	Leak rate of CO ₂ e emissions of SF ₆ (MT/Net MWh)	7.47E-04	4.78E-04		
6	Nitrogen Oxide (NO_x), Sulfur Dioxide (SO₂), Mercury (Hg)				
6.1	Generation basis for calculation (6)	Fossil			
6.2	Nitrogen Oxide (NO_x)				
6.2.1	Total NO _x Emissions (MT)	2,073	2,545		
6.2.2	Total NO _x Emissions Intensity (MT/Net MWh)	2.41E-04	2.54E-04		Fossil owned
6.3	Sulfur Dioxide (SO₂)				
6.3.1	Total SO ₂ Emissions (MT)	755	965		
6.3.2	Total SO ₂ Emissions Intensity (MT/Net MWh)	8.77E-05	9.64E-05		Fossil owned
6.4	Mercury (Hg)				
6.4.1	Total Hg Emissions (kg)	7.2	7.8		Only reported from Colstrip
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	8.36E-07	7.79E-07		Fossil owned

Resources

7	Human Resources				
7.1	Total Number of Employees	3,150	3,185		
7.2	Percentage of Women in Total Workforce	36	37		
7.3	Percentage of Minorities in Total Workforce	64	63		
7.4	Total Number on Board of Directors/Trustees	13	12		
7.5	Percentage of Women on Board of Directors/Trustees	3	2		
7.6	Percentage of Minorities on Board of Directors/Trustees	0	0		
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate	1.44	1.29		
7.7.2	Lost-time Case Rate	0.17	0.40		
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	0.33	0.53		
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)	2,664	2,855		
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	309	348		
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	1.28E-04	1.28E-04		
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	1.48E-05	1.55E-05		
9	Waste Products				
9.1	Amount of Hazardous Waste Manifested for Disposal	116	1,212		Remediation hazardous waste sent for disposal increased in 2021
9.2	Percent of Coal Combustion Products Beneficially Used				



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Additional Metrics (Optional)

Insert additional rows in this section as necessary.

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