



Gas 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
Natural Gas Distribution			
1	Methane Emissions and Mitigation from Distribution Mains		
1.1	Number of Gas Distribution Customers (at end of year)	865,526	872,559
1.2	Distribution Mains in Service		
1.2.1	Plastic (<i>miles</i>)	8,953	8,996
1.2.2	Cathodically Protected Steel - Bare & Coated (<i>miles</i>)	4,064	4,061
1.2.3	Unprotected Steel - Bare & Coated (<i>miles</i>)	0	0
1.2.4	Cast Iron / Wrought Iron - without upgrades (<i>miles</i>)	0	0
1.3	Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (<i># years to complete</i>)	N/A - completed	N/A - completed
1.3.1	Unprotected Steel (Bare & Coated) (<i># years to complete</i>)	N/A - completed	N/A - completed
1.3.2	Cast Iron / Wrought Iron (<i># years to complete</i>)	N/A - completed	N/A - completed
2	Distribution CO₂e Fugitive Emissions		
2.1	CO ₂ e Fugitive Methane Emissions from Gas Distribution Operations (<i>metric tons</i>)	63,267	66,076
2.2	CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (<i>metric tons</i>)	2,531	2,643
2.2.1	CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (<i>MMSCF/year</i>)	132	138
2.3	Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (<i>MSCF/year</i>)	116,976,400	111,008,379
2.3.1	Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (<i>MMSCF/year</i>)	111,128	105,458
2.4	Fugitive Methane Emissions Rate (<i>Percent MMSCF of Methane Emissions per MMSCF of Methane Throughput</i>)	0.12 %	0.13 %

		Last Year	Current Year
		2021	2022
Natural Gas Transmission and Storage			
1	Onshore Natural Gas Transmission Compression Methane Emissions		
1.1.1	Pneumatic Device Venting (<i>metric tons/year</i>)	N/A	N/A
1.1.2	Blowdown Vent Stacks (<i>metric tons/year</i>)	N/A	N/A
1.1.3	Transmission Storage Tanks (<i>metric tons/year</i>)	N/A	N/A
1.1.4	Flare Stack Emissions (<i>metric tons/year</i>)	N/A	N/A
1.1.5	Centrifugal Compressor Venting (<i>metric tons/year</i>)	N/A	N/A
1.1.6	Reciprocating Compressor Venting (<i>metric tons/year</i>)	N/A	N/A
1.1.7	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (<i>metric tons/year</i>)	N/A	N/A
1.1.8	Other Leaks (<i>metric tons/year</i>)	N/A	N/A
1.2	Total Transmission Compression Methane Emissions (<i>metric tons/year</i>)	N/A	N/A
1.3	Total Transmission Compression Methane Emissions (<i>CO₂e/year</i>)	N/A	N/A
1.4	Total Transmission Compression Methane Emissions (<i>MSCF/year</i>)	N/A	N/A
2	Underground Natural Gas Storage Methane Emissions		
2.1.1	Pneumatic Device Venting (<i>metric tons/year</i>)	4.0	4.0
2.1.2	Flare Stack Emissions (<i>metric tons/year</i>)	0.0	0.0
2.1.3	Centrifugal Compressor Venting (<i>metric tons/year</i>)	6.1	2.2
2.1.4	Reciprocating Compressor Venting (<i>metric tons/year</i>)	1.1	0.8
2.1.5	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (<i>metric tons/year</i>)	8.6	14.4
2.1.6	Other Equipment Leaks (<i>metric tons/year</i>)	0.0	0.0
2.1.7	Equipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads (<i>metric tons/year</i>)	11.2	11.2
2.1.8	Other equipment leaks from components associated with storage wellheads (<i>metric tons/year</i>)	0.0	0.0
2.2	Total Storage Compression Methane Emissions (<i>metric tons/year</i>)	31	33
2.3	Total Storage Compression Methane Emissions (<i>CO₂e/year</i>)	773	816
2.4	Total Storage Compression Methane Emissions (<i>MSCF/year</i>)	1,610	1,701
3	Onshore Natural Gas Transmission Pipeline Blowdowns		
3.1	Transmission Pipeline Blowdown Vent Stacks (<i>metric tons/year</i>)	N/A	N/A
3.2	Transmission Pipeline Blowdown Vent Stacks (<i>CO₂e/year</i>)	N/A	N/A
3.3	Transmission Pipeline Blowdown Vent Stacks (<i>MSCF/year</i>)	N/A	N/A
4	Other Non-Sub W Emissions Data (OPTIONAL)		
4.1	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (<i>metric tons/year</i>)	N/A	N/A
4.2	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (<i>CO₂e/year</i>)	N/A	N/A
4.3	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (<i>MSCF/year</i>)	N/A	N/A

		Last Year	Current Year
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5	Summary and Metrics		
5.1	Total Transmission and Storage Methane Emissions (<i>MMSCF/year</i>)	1.6	1.7
5.2	Annual Natural Gas Throughput from Gas Transmission and Storage Operations (<i>MSCF/year</i>)	183,337,881	180,093,168
5.2.1	Annual Methane Gas Throughput from Gas Transmission and Storage Operations (<i>MMSCF/year</i>)	174,171	171,089
5.3	Methane Emissions Intensity Metric (<i>Percent MMSCF of Methane Emissions per MMSCF of Methane Throughput</i>)	0.001 %	0.001 %
Human Resources			
1.1	Total Number of Employees	3,185	3,250
1.2	Percentage of Women in Total Workforce	36 %	37 %
1.3	Percentage of Minorities in Total Workforce	22 %	21 %
2.1	Total Number on Board of Directors/Trustees	12	13
2.2	Percentage of Women on Board of Directors/Trustees	17 %	23 %
2.3	Percentage of Minorities on Board of Directors/Trustees	0 %	0 %
3	Employee Safety Metrics		
3.1	Recordable Incident Rate	1.29	1.08
3.2	Lost-time Case Rate	1.99	1.63
3.3	Days Away, Restricted, and Transfer (DART) Rate	0.53	0.42
3.4	Work-related Fatalities	0	0