

Gas Company ESG/Sustainability Quantitative Information

Parent Company: Berkshire Hathaway Energy Company  
Operating Company(s): Sierra Pacific Power Company  
Report Date: As of and for the year ended December 31, 2023  
Disclaimer: Data included herein is based on information available as of April 25, 2024, and is subject to change without notice should new or additional information be obtained.



Refer to the "Definitions" column for more information on each metric.	Last Year	Current Year	% Change	Definitions
	2022	2023		
Natural Gas Distribution				
METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				
Number of Gas Distribution Customers	179,526	182,359	1.6 %	These metrics should include all local distribution companies (LDCs) held by the Parent Company that are above the LDC Facility reporting threshold for EPA's 40 C.F.R. 98, Subpart W reporting rule.
Distribution Mains in Service	1,952	1,977	1.3 %	
Plastic (miles)	1,231	1,247	1.3 %	
Cathodically Protected Steel - Bare & Coated (miles)	721	730	1.2 %	
Unprotected Steel - Bare & Coated (miles)	—	—	—	
Cast Iron / Wrought Iron - without upgrades (miles)	—	—	—	These metrics should provide the number of years remaining to take out of service, replace or upgrade cathodically unprotected steel mains, and cast iron/wrought iron mains, consistent with applicable state utility commission authorizations.
Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)				
Unprotected Steel (Bare & Coated) (# years to complete)	—	—	—	
Cast Iron / Wrought Iron (# years to complete)	—	—	—	
Distribution CO2e Fugitive Emissions				
				Fugitive methane emissions (not CO2 combustion emissions) stated as CO2e, as reported to EPA under 40 CFR 98, Subpart W, sections 98.236(q)(3)(ix)(D), 98.236(r)(1)(v), and 98.236(r)(2)(v)(B) - i.e., this is Subpart W methane emissions as input in row 2.2 below and converted to CO2e here. This metric should include fugitive methane emissions above the reporting threshold for all natural gas local distribution companies (LDCs) held by the Parent Company that are above the LDC Facility reporting threshold for EPA's 40 C.F.R. 98, Subpart W reporting rule. Calculated value based on mt CH4 input in the 2.2 (below).
CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	10,365	10,425	0.6 %	INPUT VALUE (total mt CH4) as explained in definition above. Subpart W input is CH4 (mt).
CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	415	417	0.6 %	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	22	22	0.6 %	
Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	26,168,901	28,069,043	7.3 %	This metric provides gas throughput from distribution (quantity of natural gas delivered to end users) reported under Subpart W, 40 C.F.R. 98.236(aa)(9)(v), as reported on the Subpart W e-GRRT integrated reporting form in the "Facility Overview" worksheet Excel form, Quantity of natural gas delivered to end users (column 4).
Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	24,860	26,666	7.3 %	
Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.0869%	0.0814%	(6.2)%	Calculated annual metric: (MMSFC methane emissions/MMSCF methane throughput)
Comments				