

Gas Company ESG/Sustainability Quantitative Information



Parent Company: *Berkshire Hathaway Energy Company*
Operating Company(s): *BHE GT&S, LLC*
Report Date: *As of and for the year ended December 31, 2021*
Disclaimer: *Data included herein is based on information available as of April 25, 2023, 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
	2020	2021		

Liquefied Natural Gas Import/Export

<i>Below current year natural gas LNG Import/Export methane emissions metrics include methane from combustion and have been calculated using GHGRP Part 98 methodologies unless otherwise indicated.</i>				
LNG Import/Export Methane Emissions				
Total LNG Import/Export Methane Emissions (metric tons/year)	[A]	194	-	
Total LNG Import/Export Methane Emissions (CO2e/year)	[A]	4,838	-	Global Warming Potential (GWP) = 25 per 40 CFR Table A-1 To Subpart A Of Part 98
Total LNG Import/Export Methane Emissions (MSCF/year)	[A]	10,079	-	Density of Methane = 0.0192 kg/ft3 per 40 CFR Sub W EQ. W-36
Summary and Metics				
Total LNG Import/Export Methane Emissions (MMSCF/year)	[A]	10	-	
Annual Natural Gas Throughput for LNG Import/Export Operations (MSCF/year)	[A]	258,893,448	-	
Annual Methane Throughput for LNG Import/Export Operations (MMSCF/year)	[A]	245,949	-	
Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	[A]	0.0041 %	-	

Natural Gas Transmission and Storage

<i>Below current year natural gas transmission and storage methane emissions metrics include methane from combustion and have been calculated using the Natural Gas Sustainability Initiative (NGSI) Methane Emissions Intensity Protocol v 1.0 unless otherwise indicated.</i>				
Onshore Natural Gas Transmission Compression Methane Emissions				
Total Natural Gas Transmission Compression Methane Emissions (metric tons/year)	917	5,310	*	
Total Natural Gas Transmission Compression Methane Emissions (CO2e/year)	22,919	132,754	*	Global Warming Potential (GWP) = 25 per 40 CFR Table A-1 To Subpart A Of Part 98
Total Natural Gas Transmission Compression Methane Emissions (MSCF/year)	47,748	276,572	*	Density of Methane = 0.0192 kg/ft3 per 40 CFR Sub W EQ. W-36
Natural Gas Storage Methane Emissions				
Total Natural Gas Storage Methane Emissions (metric tons/year)	565	4,060	*	
Total Natural Gas Storage Methane Emissions (CO2e/year)	14,116	101,505	*	Global Warming Potential (GWP) = 25 per 40 CFR Table A-1 To Subpart A Of Part 98
Total Natural Gas Storage Methane Emissions (MSCF/year)	29,408	211,469	*	Density of Methane = 0.0192 kg/ft3 per 40 CFR Sub W EQ. W-36
Onshore Natural Gas Transmission Pipeline Methane Emissions				
Total Natural Gas Transmission Pipeline Methane Emissions (metric tons/year)	107	4,411	*	
Total Natural Gas Transmission Pipeline Methane Emissions (CO2e/year)	2,674	110,286	*	Global Warming Potential (GWP) = 25 per 40 CFR Table A-1 To Subpart A Of Part 98
Total Natural Gas Transmission Pipeline Methane Emissions (MSCF/year)	5,571	229,763	*	Density of Methane = 0.0192 kg/ft3 per 40 CFR Sub W EQ. W-36
Summary and Metrics				
Total Transmission and Storage Methane Emissions (MMSCF/year)	83	718	*	
Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)	346,356,908	2,340,018,859	*	U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) in Form F 7100.2-1 Part C of the Annual Report for Natural Gas and Other Gas Transmission and Gathering Pipeline Systems
Annual Methane Throughput from Gas Transmission and Storage Operations (MMSCF/year)	329,039	2,223,018	*	Calculated using 95% CH4 content in natural gas.
Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.0251 %	0.0323 %	28.4 %	

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Natural Gas Processing				
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Processing Methane Emissions				
Total Natural Gas Processing Methane Emissions (metric tons/year)	[A]	115	-	Global Warming Potential (GWP) = 25 per 40 CFR Table A-1 To Subpart A Of Part 98 Density of Methane = 0.0192 kg/ft3 per 40 CFR Sub W EQ. W-36
Total Natural Gas Processing Methane Emissions (CO2e/year)	[A]	2,880	-	
Total Natural Gas Processing Methane Emissions (MSCF/year)	[A]	5,999	-	
Summary and Metrics				
Total Gas Processing Methane Emissions (MMSCF/year)	[A]	6	-	
Annual Natural Gas Throughput from Gas Processing Operations (MSCF/year)	[A]	48,853,445	-	
Annual Methane Throughput from Gas Processing Operations (MMSCF/year)	[A]	39,038	-	
Annual Natural Gas Liquids Processed from Natural Gas Processing Operations (bbl)	[A]	2,625,484	-	
Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	[A]	0.0143%	-	

Natural Gas Gathering and Boosting				
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Natural Gas Production

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Production Methane Emissions				
Total Natural Gas Production Methane Emissions (metric tons/year)	[A]	517	-	Global Warming Potential (GWP) = 25 per 40 CFR Table A-1 To Subpart A Of Part 98 Density of Methane = 0.0192 kg/ft3 per 40 CFR Sub W EQ. W-36
Total Natural Gas Production Methane Emissions (CO2e/year)	[A]	12,927	-	
Total Natural Gas Production Methane Emissions (MSCF/year)	[A]	26,931	-	
Summary and Metrics				
Total Natural Gas Production Methane Emissions (MMSCF/year)	[A]	27	-	
Annual Natural Gas Throughput from Gas Production Operations (MSCF/year)	[A]	963,435	-	
Annual Methane Throughput from Gas Production Operations (MMSCF/year)	[A]	791	-	
Annual Produced Oil and Condensate Throughput from Natural Gas Production Operations (bbl)	[A]	11,835	-	
Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	[A]	3.2191%	-	

Comments				
[A] BHE GT&S assets (EGTS, CGT) were acquired on November 1, 2020. As a result, 2020 emissions for BHE GT&S only include the months of November 2020 and December 2020. Furthermore, the 2020 BHE GT&S emissions only reflect transmission and storage assets and do not include associated LNG import/export, processing, gathering & boosting and production assets. LNG storage assets are also not included in the 2020 data.				
*Percentage not meaningful				