



# Entergy Gas Company ESG/Sustainability Quantitative Information

**Parent Company:** Entergy Corporation  
**Operating Company(s):** Entergy Louisiana, LLC, Entergy New Orleans, LLC  
**Business Type(s):** Distribution  
**State(s) of Operation:** Louisiana  
**Regulatory Environment:** Regulated  
**Report Date:** August 2019

Ref. No.	Refer to the "Definitions" column for more information on each metric.	Baseline 2000	Calendar Year 2016	Calendar Year 2017	Calendar Year 2018	Definitions	Comments, Additional Information
<b>Natural Gas Distribution</b>							
1	METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS						
1.1	Number of Gas Distribution Customers	200000	200025	200039	200601		
1.2						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						
1.2.1	Plastic (miles)	771	1806	1887	1966		
1.2.2	Cathodically Protected Steel - Bare & Coated (miles)	1878	1560	1535	1507		
1.2.3	Unprotected Steel - Bare & Coated (miles)	0	0	0	0		
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles)	378	129	99	80		
1.3						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.	Use this comment area to briefly note the amount of such pipe already taken out of service, replaced or upgraded previously, if available in publically reported sources. Space is provided in Section 3 of the Qualitative tab for longer explanations about answers to quantitative questions.
	Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)				10		
1.3.1	Unprotected Steel (Bare & Coated) (# years to complete)	NA	NA	NA	NA	Optional: # yrs by pipe type.	
1.3.2	Cast Iron / Wrought Iron (# years to complete)		10	9	8	Optional: # yrs by pipe type.	
2	Distribution CO2e Fugitive Emissions						
2.1						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)(C) and (D), 98.236(r)(1)(iv) and (v), and 98.236(r)(2)(v)(A) and (B). 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.	Sub Part W Calculation Tool for RY17 and Later, and Subpart W Reporting Form were used to calculate emissions for 2000 baseline information. Subpart W was not implemented by EPA for Gas Distribution reporting until 2011 reporting year.
2.2	CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	148	56.5	49.9	44.2		
						This metric provides gas distribution throughput reported under Subpart W, 40 C.F.R. 98.236(aa)(9)(i) through (iii), as reported on the Subpart W e-GRRT integrated reporting form in the "Facility Overview" worksheet Excel form, gas received (column 1) plus the gas withdrawn (column 2) minus the gas injected into storage (column 3). See screenshot of e-GRRT report provided in template instructions.	Some companies may wish to also provide their throughput emissions number as reported to EIA. They could do so in this comment space.
2.3	Natural Gas Throughput from Gas Distribution Operations in thousands of scf	24,670,551	17,252,639	16,671,303	19,151,030		
	Fugitive Methane Emissions Rate (thousand scf of Methane Emissions per thousand scf of Methane Throughput) stated as CO2e using EPA's Global Warming Potential for methane	0.03%	0.02%	0.02%	0.01%	Row 2.1 divided by 0.0192 kg/scf density of CH4)/(Row 2.2 times 0.95 percent CH4 in natural gas)	
<b>Natural Gas Transmission and Storage</b>							
1.2	Transmission Pipelines, Blow Down Volumes, and Fugitive Emissions						
1.2.1	Total Miles of Transmission Pipeline Operated by gas utility (miles)	33	36	36	36		
1.2.2	Volume of Transmission Pipeline Blow Down Emissions - outside storage and compression facilities:	0	0	0	0	As reported to EPA under 40 CFR 98, Subpart W.	
1.2.2.1	scf natural gas	0	0	0	0		
1.2.2.3	metric tons CO2e	0	0	0	0		
1.3	Underground Natural Gas Storage Emissions	0	0	0	0		
1.3.2	Storage Compressor Station Emissions (metric tons CO2e)	0	0	0	0	As reported to EPA under 40 CFR 98, Subpart W.	Total station minus wellhead emissions

1.3.3						Utilizing EPA emissions factors, as reported to EPA under Subpart W, 40 CFR 98.236, on the e-GRRT integrated reporting form, "Equipment Leaks Surveys and Population Counts [98.236 (q, r)]" tab.
	Storage Facility Wellhead Component Fugitive Emissions (metric tons of CO2e)	0	0	0	0	
2	CO2e EMISSIONS FOR TRANSMISSION AND STORAGE COMPRESSION					
2.1						CO2 combustion emissions as reported to EPA under 40 CFR 98, Subpart C and methane emissions stated as CO2e as reported under Subpart W.
	CO2e Emissions for Transmission Pipelines (metric tons)	0	0	0	0	
2.2						CO2 combustion emissions as reported to EPA under 40 CFR 98, Subpart C and methane emissions stated as CO2e as reported under Subpart W.
	CO2e Emissions for Storage Facilities (metric tons)	0	0	0	0	
3	CONVENTIONAL AIR EMISSIONS FROM TRANSMISSION AND STORAGE COMPRESSION					
3.1						The number of permitted sources for conventional emissions may not be the same number of sources reporting under the EPA GHG reporting rule. Companies may wish to describe which, or how many, sources are included in the conventional pollutants data and whether the CO2e data reported includes all of these sources.
	Emissions reported for all permitted sources (minor or major)	0	0	0	0	
3.1.1	NOx ( metric tons per year)	0	0	0	0	
3.1.2	VOC (metric tons per year)	0	0	0	0	
<b>Natural Gas Gathering and Boosting</b>						
1	METHANE EMISSIONS					
1.1	Gathering and Boosting Pipelines, Blow Down Volumes, and Emissions	0	0	0	0	
1.1.1	Total Miles of Gathering Pipeline Operated by gas utility (miles)	0	0	0	0	
1.1.2						This metric is collected to support calculations under EPA 40 CFR 98, Subpart W.
	Volume of Gathering Pipeline Blow Down Emissions (scf)	0	0	0	0	
1.1.4	Gathering Pipeline Blow-Down Emissions outside storage and compression facilities (metric tons CO2e)	0	0	0	0	
2	CO2e COMBUSTION EMISSIONS FOR GATHERING & BOOSTING COMPRESSION					
2.1						CO2 combustion emissions as reported to EPA under 40 CFR 98, Subpart C, as directed in Subpart W, 98.232(k).
	CO2e Emissions for Gathering & Boosting Compression Stations (metric tons)	0	0	0	0	
3	CONVENTIONAL COMBUSTION EMISSIONS FROM GATHERING & BOOSTING COMPRESSION	0	0	0	0	
3.1						The number of permitted sources for conventional emissions may not be the same number of sources reporting under the EPA GHG reporting rule. Companies may wish to describe which, or how many, sources are included in the conventional pollutants data and whether the CO2e data reported includes all of these sources.
	Emissions reported for all permitted sources (minor or major)	0	0	0	0	
3.1.1	NOx ( metric tons per year)	0	0	0	0	
3.1.2	VOC (metric tons per year)	0	0	0	0	
<b>Additional Metrics (Optional)</b>						
	Insert additional rows in this section as necessary.					
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