

# AGA Voluntary Sustainability Metrics: Quantitative Information

**Disclaimer:** All information below is being provided on a voluntary basis, and as such, companies may elect to include or exclude any of the topics outlined below and customize the template to their specific needs. The decision to include data for historical and future years is at the discretion of each company and the specific years (e.g., historical baseline) should be chosen as appropriate for each company.

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**Parent Company:** UNS Energy Corporation (a Fortis Company)

**Operating Company(s):** UNS Gas, Inc.

**Business Type(s):** *Vertically Integrated*

**State(s) of Operation:** Arizona

**Regulatory Environment:** *Arizona*

**Report Date:** 1/4/2019

Ref. No.	Year
	2017
<b>NATURAL GAS DISTRIBUTION</b>	
<b>1</b>	<b>METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS</b>
1.1	Number of Gas Distribution Customers 156,000
1.2	Distribution Mains in Service 3,064
1.2.1	Plastic ( <i>miles</i> ) 1,672
1.2.2	Cathodically Protected Steel - Bare & Coated ( <i>miles</i> ) 1,392
1.2.3	Unprotected Steel - Bare & Coated ( <i>miles</i> ) 0
1.2.4	Cast Iron / Wrought Iron - without upgrades ( <i>miles</i> ) 0
1.3	Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains ( <i># years to complete</i> ) N/A
1.3.1	Unprotected Steel (Bare & Coated) ( <i># years to complete</i> ) N/A
1.3.2	Cast Iron / Wrought Iron ( <i># years to complete</i> ) N/A
<b>2</b>	<b>Distribution CO2e Fugitive Emissions</b>
2.1	CO2e Fugitive Methane Emissions from Gas Distribution Operations ( <i>metric tons</i> ) 14,692
2.2	Natural Gas Throughput from Gas Distribution Operations in thousands of scf 27,518,237
2.3	CO2e Fugitive Methane Emissions Rate (metric tons per thousand scf of Throughput) 0.00053
2.1a	Fugitive Methane Emissions from Gas Distribution Operations ( <i>metric tons</i> ) 587.69
2.2a	Natural Gas Throughput from Gas Distribution Operations in thousands of scf 27,518,237
2.3a	Fugitive Methane Emissions Rate (thousand scf of Methane Emissions per thousand scf of Methane Throughput) 0.00117