

## AGA Voluntary Sustainability Metrics: Quantitative Information - Board Approved 10-5-2018

**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:** ONE Gas, Inc.  
**Operating Company(s):** Kansas Gas Service (KGS), Oklahoma Natural Gas (ONG), Texas Gas Service (TGS)  
**Business Type(s):** Natural Gas Distribution  
**State(s) of Operation:** Kansas, Oklahoma, Texas  
**Regulatory Environment:** Regulated  
**Note:** Data from from operating companies is rolled up to the corporate level.  
**Report Date:** 10/9/2018

|   | Year   |  |
|---|--|--|
| Ref. No. <span style="border: 1px solid black; padding: 2px;">Refer to the "Definitions" column for more information on each metric.</span> | <span style="border: 1px solid black; padding: 2px;">2017</span> | <span style="border: 1px solid black; padding: 2px;">Comments, Additional Information</span> |

### NATURAL GAS DISTRIBUTION

|          |   |              |   |
|----------|---|--------------|---|
| <b>1</b> | <b>METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS</b>   |              |   |
| 1.1      | Number of Gas Distribution Customers  | 2,200,000    |   |
| 1.2      | Distribution Mains in Service   |              |   |
| 1.2.1    | Plastic ( <i>miles</i> )  | 20,672       |   |
| 1.2.2    | Cathodically Protected Steel - Bare & Coated ( <i>miles</i> )   | 17,770       |   |
| 1.2.3    | Unprotected Steel - Bare & Coated ( <i>miles</i> )  | 1,605        |   |
| 1.2.4    | Cast Iron / Wrought Iron - without upgrades ( <i>miles</i> )  | 55           |   |
| 1.3      | Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains ( <i># years to complete</i> ) |              |   |
| 1.3.1    | Unprotected Steel (Bare & Coated)   | See Comments | Replacement of all cast iron mains is anticipated to be completed in 2019. A projected timeline for full replacement of wrought iron and unprotected steel mains is approximately 25 years. |
| 1.3.2    | Cast Iron / Wrought Iron  | See Comments |   |
| <b>2</b> | <b>Distribution CO<sub>2</sub>e Fugitive Emissions</b>  |              |   |
| 2.1      | CO <sub>2</sub> e Fugitive Methane Emissions from Gas Distribution Operations ( <i>metric tons</i> )      | 385,575      |   |
| 2.2      | Natural Gas Throughput from Gas Distribution Operations in thousands of scf                               | 332,939,496  |   |

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|----------|--|--------------|----------------------------------|
| 2.3      | CO2e Fugitive Methane Emissions Rate (metric tons per thousandscf of Throughput) | 0.0012       |                                  |

### NATURAL GAS TRANSMISSION & STORAGE

|   |   |                |  |
|---|---|----------------|--|
| <b>1.2 Transmission Pipelines, Blow Down Volumes, and Fugitive Emissions</b>  |   |                |  |
| 1.2.1   | Total Miles of Transmission Pipeline Operated by gas utility ( <i>miles</i> )                     | 2,558          |  |
| 1.2.2   | Volume of Transmission Pipeline Blow Down Emissions - outside storage and compression facilities: |                |  |
| 1.2.2.1   | scf natural gas   | Not applicable | Emissions from transmission pipeline blow downs for each facility did not meet the 25,000 MT CO2e reporting threshold.   |
| 1.2.2.3   | metric tons CO2e  | Not applicable | Emissions from transmission pipeline blow downs for each facility did not meet the 25,000 MT CO2e reporting threshold.   |
| <b>1.3 Underground Natural Gas Storage Emissions</b>                          |   |                |  |
| 1.3.2   | Storage Compressor Station Emissions ( <i>metric tons CO2e</i> )                                  | Not applicable |  |
| 1.3.3   | Storage Facility Wellhead Component Fugitive Emissions ( <i>metric tons of CO2e</i> )             | Not applicable | This Industry Segment is not applicable to ONE Gas.  |
| <b>2 CO2e EMISSIONS FOR TRANSMISSION AND STORAGE COMPRESSION</b>              |   |                |  |
| 2.1   | CO2e Emissions for Transmission Pipelines ( <i>metric tons</i> )                                  | Not applicable | Combustion emissions from transmission pipeline compressor stations did not meet the 25,000 MT CO2e reporting threshold. |
| 2.2   | CO2e Emissions for Storage Facilities ( <i>metric tons</i> )                                      | Not applicable | This Industry Segment is not applicable to ONE Gas.  |
| <b>3 CONVENTIONAL AIR EMISSIONS FROM TRANSMISSION AND STORAGE COMPRESSION</b> |   |                |  |
| 3.1   | Emissions reported for all permitted sources (minor or major)                                     |                | Sources include five standby compressor stations that only operate as needed.  |
| 3.1.1   | NOx ( <i>metric tons per year</i> )   | 13             |  |
| 3.1.2   | VOC ( <i>metric tons per year</i> )   | 5              |  |

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| Ref. No.   | Year | Comments, Additional Information |
|--|------|----------------------------------|
| Refer to the "Definitions" column for more information on each metric. | 2017 |                                  |

### NATURAL GAS GATHERING & BOOSTING

|          |   |                |   |
|----------|---|----------------|---|
| <b>1</b> | <b>METHANE EMISSIONS</b>  |                |   |
| 1.1      | Gathering and Boosting Pipelines, Blow Down Volumes, and Emissions  |                |   |
| 1.1.1    | Total Miles of Gathering Pipeline Operated by gas utility ( <i>miles</i> )                                    | Not applicable | This Industry Segment is not applicable to ONE Gas. |
| 1.1.2    | Volume of Gathering Pipeline Blow Down Emissions ( <i>scf</i> )   | Not applicable | This Industry Segment is not applicable to ONE Gas. |
| 1.1.4    | Gathering Pipeline Blow-Down Emissions outside storage and compression facilities ( <i>metric tons CO2e</i> ) | Not applicable | This Industry Segment is not applicable to ONE Gas. |
| <b>2</b> | <b>CO2e COMBUSTION EMISSIONS FOR GATHERING &amp; BOOSTING COMPRESSION</b>                                     |                |   |
| 2.1      | CO2e Emissions for Gathering & Boosting Compression Stations ( <i>metric tons</i> )                           | Not applicable | This Industry Segment is not applicable to ONE Gas. |
| <b>3</b> | <b>CONVENTIONAL COMBUSTION EMISSIONS FROM GATHERING &amp; BOOSTING COMPRESSION</b>                            |                |   |
| 3.1      | Emissions reported for all permitted sources (minor or major)   |                |   |
| 3.1.1    | NOx ( <i>metric tons per year</i> )   | Not applicable | This Industry Segment is not applicable to ONE Gas. |
| 3.1.2    | VOC ( <i>metric tons per year</i> )   | Not applicable | This Industry Segment is not applicable to ONE Gas. |