**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, 2018  
Disclaimer: Data included herein is based on information available as of October 28, 2019, and is subject to change without notice should new or additional information be obtained.

<table>
<thead>
<tr>
<th>Definitions</th>
<th>Current Year 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Natural Gas Distribution</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Methane Emissions and Mitigation from Distribution Mains</strong></td>
<td></td>
</tr>
<tr>
<td>Number of Gas Distribution Customers</td>
<td>168,670</td>
</tr>
<tr>
<td>Distribution Mains in Service</td>
<td></td>
</tr>
<tr>
<td>Plastic (miles)</td>
<td>1,847</td>
</tr>
<tr>
<td>Cathodically Protected Steel - Bare &amp; Coated (miles)</td>
<td>720</td>
</tr>
<tr>
<td>Unprotected Steel - Bare &amp; Coated (miles)</td>
<td>-</td>
</tr>
<tr>
<td>Cast Iron / Wrought Iron - without upgrades (miles)</td>
<td>-</td>
</tr>
<tr>
<td>Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)</td>
<td></td>
</tr>
<tr>
<td>Unprotected Steel (Bare &amp; Coated) (# years to complete)</td>
<td>-</td>
</tr>
<tr>
<td>Cast Iron / Wrought Iron (# years to complete)</td>
<td>-</td>
</tr>
<tr>
<td><strong>Distribution CO2e Fugitive Emissions</strong></td>
<td></td>
</tr>
<tr>
<td>CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)</td>
<td>NA</td>
</tr>
<tr>
<td>CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)</td>
<td>NA</td>
</tr>
<tr>
<td>CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)</td>
<td>NA</td>
</tr>
<tr>
<td>Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)</td>
<td>NA</td>
</tr>
<tr>
<td>Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)</td>
<td>NA</td>
</tr>
<tr>
<td>Fugitive Methane Emissions Rate</td>
<td>NA</td>
</tr>
</tbody>
</table>

All methane leak sources per 98.232 (i) (1-6) are included for Distribution. Combustion sources are excluded. CO₂ is excluded.

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.

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.

Fugitive methane emissions (not CO2 combustion emissions) stated as CO2e, as reported to EPA under 40 CFR 98, Subpart W, sections 98.236(e)(2)(v)(D), 98.236(r)(1)(v), and 98.236(r)(2)(v)(B) - i.e., this is Subpart W methane emissions as input 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 below.

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)(iv), 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).

Calculated annual metric: (MMSCF methane emissions/MMSCF methane throughput)
### Natural Gas Transmission and Storage

#### Transmission Pipelines, Blow Down Volumes, and Fugitive Emissions
- **Total Miles of Transmission Pipeline Operated by gas utility (miles)**: NA
- **Volume of Transmission Pipeline Blow Down Emissions - outside storage and compression facilities:**
  - Scf natural gas - pipeline throughput: NA
  - Scf natural gas - pipeline blowdowns: NA
  - Metric tons CO2e - pipeline blowdowns: NA

#### Underground Natural Gas Storage Emissions
- **Storage Compressor Station Emissions (metric tons CO2e)**: NA
- **Storage Facility Wellhead Component Fugitive Emissions (metric tons of CO2e)**: NA

#### CO2e Emissions from Transmission and Storage Compression
- **CO2e Emissions from Transmission Pipelines (metric tons)**: NA
- **CO2e Emissions for Storage Facilities (metric tons)**: NA

#### Conventional Air Emissions from Transmission and Storage Compression
- **Emissions reported for all permitted sources (minor or major)**
  - NOx (metric tons per year): NA
  - VOC (metric tons per year): NA

### Natural Gas Gathering and Boosting

#### Methane Emissions
- **Total Miles of Gathering Pipeline Operated by gas utility (miles)**: NA
- **Volume of Gathering Pipeline Blow Down Emissions (scf)**: NA
- **Gathering Pipeline Blow Down Emissions outside storage and compression facilities (metric tons CO2e)**: NA

#### CO2e Combustion Emissions from Gathering and Boosting Compression
- **CO2e Emissions for Gathering & Boosting Compression Stations (metric tons)**: NA

#### Conventional Combustion Emissions from Gathering and Boosting Compression
- **Emissions reported for all permitted sources (minor or major)**
  - NOx (metric tons per year): NA
  - VOC (metric tons per year): NA

### Natural Gas Transmission and Storage

All methane leak sources per 98.232 (a) (1-8), (f)(1-8), and (m) are included for Transmission and Storage. Combustion sources are excluded. CO, and N₂O are excluded.

### Definitions
- Natural Gas Transmission and Storage
  - NA
- CO₂ and N₂O are excluded.

### Natural Gas Gathering and Boosting

- Methane Emissions
  - NA
  - This metric is collected to support calculations under EPA 40 CFR 98, Subpart W.

### Comments
- [1] The emissions from the Sierra Pacific Power Company Gas Distribution system are not applicable as they are below the reporting threshold for the USEPA GHG Subpart W.