Schedule 800
Biomethane Receipt Services

PURPOSE:
This Schedule establishes terms and conditions whereby qualifying producers of biomethane (Biomethane Producer) may request either a newly constructed interconnection to the Company’s distribution system or increased capacity at an existing interconnection point for the purpose of injecting qualifying biomethane on the Company’s distribution system.

APPLICABILITY:
Service under this Schedule is available to Biomethane Producers who meet all of the following conditions:
1) The Biomethane Producer must meet the following credit screening criteria as established for nonresidential customers in Rule 2;
2) The raw biogas from which the biomethane is produced must be from one or a mix of the following feedstocks: a) agricultural byproducts; b) wastewater; c) landfill waste; or d) food and beverage waste;
3) The Company, in its sole opinion, has determined that injection of biomethane will not jeopardize or interfere with normal operation of the Company’s distribution system and its provision of gas service to its customers;
4) Prior to the Company’s building an interconnection, the Biomethane Producer must demonstrate to the satisfaction of Company that it has secured end user(s) that are Company’s customers who agree to purchase all the estimated biomethane production; and
5) The Biomethane Producer must comply with all terms and conditions preceding biomethane receipt services as established herein, including:
   a. Paying all costs for the Interconnection Capacity Study and the Engineering Study as well as all interconnect costs; and
   b. Executing a Biomethane Receipt Services Agreement for ongoing receipt services under this Schedule.

MONTHLY CHARGES
A Biomethane Producer receiving service under this Schedule shall receive the following monthly charges:

Basic Service Charge $2,500.00

<table>
<thead>
<tr>
<th>Blocks By</th>
<th>Base Rate</th>
<th>Odorant</th>
<th>Sch. 192</th>
<th>Sch. 197</th>
<th>Billing Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Therm</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>First</td>
<td>$0.128328</td>
<td>$0.0002125</td>
<td>$0.0000080</td>
<td>$0.000303</td>
<td>$0.128924</td>
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<tr>
<td>Next</td>
<td>$0.115766</td>
<td>$0.0002125</td>
<td>$0.0000080</td>
<td>$0.000303</td>
<td>$0.116362</td>
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<td>$0.108771</td>
<td>$0.0002125</td>
<td>$0.0000080</td>
<td>$0.000303</td>
<td>$0.109367</td>
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<tr>
<td>Next</td>
<td>$0.066803</td>
<td>$0.0002125</td>
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<td>$0.000303</td>
<td>$0.067399</td>
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<tr>
<td>Next</td>
<td>$0.033888</td>
<td>$0.0002125</td>
<td>$0.0000080</td>
<td>$0.000303</td>
<td>$0.034484</td>
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<tr>
<td>Over</td>
<td>$0.018160</td>
<td>$0.0002125</td>
<td>$0.0000080</td>
<td>$0.000303</td>
<td>$0.018756</td>
</tr>
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</table>

(continued)

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Utility Division
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Schedule 800
Biomethane Receipt Services

MONTHLY CHARGES (continued)
A Gross Revenue Fee of 2.91% will be applied to the total of all charges for service under this schedule. The Gross Revenue Fee covers state utility tax and other governmental levies in effect.

In no instance will monthly charges be prorated. Monthly charges represent costs incurred regardless of the Company's receipt of biomethane.

Failure to pay a monthly bill within 15 days of receipt of the bill may result in curtailment of receipt services and a Late Payment Charge as defined in Schedule 200 will be applied until full payment of any past due amount is received.

Upon termination of service under this Schedule, the Company may charge the Biomethane Producer for the removal and, or capping-off, of Company-owned facilities.

The service charges herein are subject to increases as set forth in Schedule No. 51, Public Purpose Charge, and Schedule No. 100, Municipal Exactions, as applicable.

Service under this Schedule is not subject to Schedule 31, Public Purpose Charge.

MONTHLY MINIMUM BILL:
The monthly minimum bill shall be $2,500.00.

SERVICES PROVIDED:
The Company will provide a qualifying Biomethane Producer with a Company-owned, operated, and maintained point of interconnection to enable receipt of qualifying biomethane into the Company's distribution system for the purpose of delivering the biomethane to an end-user who is located on the Company's distribution system.

PREREQUISITES TO BIOMETHANE RECEIPT SERVICES
Preceding the receipt of biomethane, service under this Schedule requires an Interconnection Capacity Study and an Interconnection Study; both of which are followed by the execution of the Biomethane Receipt Services Agreement.

1. Interconnection Capacity Study
To initiate the review prior to receiving service on this Schedule, a Biomethane Producer must provide the Company a written request for an Interconnection Capacity Study. The written request must include the following information: a) the location of the facilities; b) the source of the biomethane; c) specifics on forecasted minimum and maximum biomethane deliveries; d) forecasted operating profile; e) service pressure requirements or limitations; f) if natural gas and or the biomethane will be consumed on the site; g) details on the expected end-user of the biomethane, including the name and address and, if applicable, the anticipated gas marketer; and h) any other information deemed necessary by the Company.

(continued)
Schedule 800
Biomethane Receipt Services

PREREQUISITES TO BIOMETHANE RECEIPT SERVICES (continued)

Interconnection Capacity Study (continued)
Upon receipt of the required information, the Company will perform an Interconnection Capacity Study to determine if the Company can provide the receipt service on its distribution system located nearest to the Biomethane Producers’ biomethane production site. Upon receipt of the study, the Biomethane Producer must pay the fully loaded actual hourly costs for producing this study.

The Interconnection Capacity Study will include: a) a determination of whether or not receipt service of the estimated biomethane production is possible at the Biomethane Producer’s site; b) a non-itemized, non-binding cost estimate for the Company to build an interconnection to its distribution system; and c) if necessary, an evaluation of whether or not the requested service will indirectly impact service from NW Pipeline and if upgrades to NW Pipeline may be required.

2. Engineering Study
If the Company has determined it can provide receipt service for the proposed biomethane production as presented in writing by the Biomethane Producer, and the Biomethane Producer has fully paid for the Interconnection Capacity Study, the Biomethane Producer may request in writing an Engineering Study for the design and estimated costs of all necessary interconnection facilities. The Biomethane Producer will be required to pay all actual fully loaded costs incurred in the development and delivery of the Engineering Study.

3. Interconnection
After the Biomethane Producer has: a) paid for both the Interconnection Capacity Study and the Engineering Study in full, b) provided written proof of a committed buyer for the biomethane subject for receipt service under this Schedule; c) executed a Biomethane Receipt Service Agreement; and d) paid one-third of the anticipated costs to install interconnect facilities and provide an irrevocable letter of credit for the remaining two thirds costs, the Company will build the Interconnection from the Biomethane Producer’s output flange to the Company’s distribution system.

(continued)
PREREQUISITES TO BIOMETHANE RECEIPT SERVICES (continued)

Interconnection (continued)

The Company will design, build, own and operate all interconnection facilities related to the provision of this service and such interconnection facilities will include, but are not limited to, required pressure relief equipment, a gas chromatograph, an emergency shutdown valve, a custody transfer receipt meter, applicable pressure regulation remote telemetering equipment (SCADA), and odorant injection facilities. The interconnection facilities owned, operated, and maintained by the Company will not include any equipment necessary for the production, conditioning, or drying of the biomethane.

The maximum physical capacity of the interconnection will be determined by the sizing of the point of receipt, including the metering and odorization capacities, but is not nor is intended to be, any commitment by the Company of receipt service capacity.

4. Interconnection Costs
Prior to the initiation of receipt services, the Biomethane Producer must pay all costs associated with the interconnection including but not limited to permitting, upgrades to the Company’s system, any upgrades required on an upstream transmission pipeline to ensure the receipt of Biomethane does not interfere with the Company’s typical, balanced gas distribution services on the Company’s system, and all taxes and fees.

5. Biomethane Receipt Service Agreement
Prior to the Company installing interconnection facilities, the Biomethane Producer must execute a Biomethane Receipt Service Agreement that will further clarify the responsibilities of the Company and the Biomethane Producer. The Biomethane Receipt Service Agreement is a binding agreement between the Company and the Biomethane Producer that can only be modified in writing when approved with both parties’ signatures.

The Biomethane Receipt Service Agreement is not transferrable regardless of a change in ownership or agency. Should the site where the biomethane is produced be sold or should the responsibility for biomethane production be transferred to another entity, a new Biomethane Receipt Service Agreement would need to be executed for service under this Schedule to continue at the site.

(continued)
Schedule 800
Biomethane Receipt Services

RECEIPT SERVICES

I. GENERAL
For continuing the Biomethane Receipt Services, the Biomethane Producer must have a written agreement with a qualified supplier/marketer that has secured one or more Transportation Customer(s) served on Schedule 163 who will purchase all the estimated production of biomethane for end-use. If the Biomethane Producer does not demonstrate to Company's satisfaction a contractually-obligated end-use customer(s) for the biomethane, Biomethane Receipt Services will terminate until the Biomethane Produce has a verifiable end-use customer.

II. NOMINATIONS
A. The Biomethane Producer or a supplier acting as the Biomethane Producer's agent must report to the Company's Gas Supply Department, the estimated monthly biomethane producer for the upcoming month at least by the 15th day of the current month. Such estimate shall include any scheduled down time or increased production time.
B. The Biomethane Producer or a supplier acting as the Biomethane Producer's agent is required to report estimated gas biomethane production volumes at least 32 hours prior to the beginning of each Gas Day unless other arrangements are agreed upon in writing with the Company. Such estimated volumes will be considered the Biomethane Producer's daily nomination. Changes to a Biomethane Producer's daily nomination for receipt services are allowed, provided the changes are communicated to the Company as soon as reasonably possible.

(continued)
Schedule 800
Biomethane Receipt Services

MINIMUM BIOMETHANE QUALITY STANDARDS
Service under this Schedule requires continual compliance to the Minimum Biomethane Quality Standards and reporting requirement as established below. The Minimum Biomethane Quality Standards were established by a third-party subject matter expert. Additional clarifying information on the Minimum Biomethane Quality Standard found herein may be provided in the Biomethane Receipt Services Agreement.

In general, the biomethane shall be commercially-free from objectionable odors (excluding the Company added odorant), solid matter, dust, gums, and gum forming constituents, or any other substance which interferes with the intended purpose of merchantability of the biomethane, or causes interference with the proper and safe operation of the lines, meters, regulators, or other appliances through which it may flow.

The biomethane shall not contain any toxic or hazardous substance in concentrations which, in the normal use of the biomethane, may be hazardous to health, injurious to pipeline facilities, or be a limit to merchantability or be contrary to applicable government standards.

Biomethane must be free from bacteria, pathogens, and any other substances injurious to utility facilities or that would cause the gas to be unpleasant or undesirable to end-use customers.

Prior to finalizing an interconnection agreement or, otherwise, as soon as possible, the Biomethane Producer must notify the Company in writing of any constituent potentially damaging to health or pipeline integrity that is not listed in Table 2, but known to be present in detectable quantities.

The Company reserves the right to refuse receipt of biomethane that does not conform to the Minimum Biomethane Quality Standards as established in this section.

Table 1
The Biomethane Producer and the Company will both independently monitor the constituents listed in Table 1 on a real-time and continuous basis of intervals not to exceed four minutes. If monitoring reveals that the biomethane contains a constituent outside the acceptable range, biomethane receipt services shall be interrupted until the biomethane can meet the gas quality standards put forth in Table 1. The gas quality standards established in Table 1 are applicable to all biomethane regardless of fuel source used to generate the biomethane.
## Schedule 800

**Biomethane Receipt Services**

### Minimum Biomethane Quality Standards (continued)

#### Table 1 – Basic Properties for Biomethane

<table>
<thead>
<tr>
<th>Specification or Constituent</th>
<th>Trigger Level</th>
<th>Standard Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. Heat Content (dry, HHV)</td>
<td>985 BTU/scf</td>
<td>AGA-5; AGA-8; ASTM D3588;</td>
</tr>
<tr>
<td>Max. Heat Content (dry, HHV)</td>
<td>1,100 BTU/scf</td>
<td>ASTM D7164; ASTM D1945;</td>
</tr>
<tr>
<td>Min. Wobbe Number</td>
<td>1,275</td>
<td>ASTM D7314; GPA 2172 / API 14.5;</td>
</tr>
<tr>
<td>Max. Wobbe Number</td>
<td>1,390</td>
<td>GPA 2261; GPA 2145;</td>
</tr>
<tr>
<td>Min. Temperature</td>
<td>40 °F</td>
<td>Temperature element and transmitter in pipeline.</td>
</tr>
<tr>
<td>Max. Temperature</td>
<td>120 °F</td>
<td>Pressure element and transmitter in pipeline.</td>
</tr>
<tr>
<td>Min. Pressure</td>
<td>Must be sufficient for injection into Company's distribution system.</td>
<td></td>
</tr>
<tr>
<td>Max Pressure</td>
<td>Must not exceed the Company's MAOP for the pipe where injection is to occur.</td>
<td></td>
</tr>
<tr>
<td>Max Hydrocarbon Dew Point (HDP)</td>
<td>15 °F</td>
<td>ASTM D1945; ASTM D1142;</td>
</tr>
<tr>
<td>Max. Cribonichortherm (CHDP)</td>
<td>15 °F</td>
<td>ASTM D5454</td>
</tr>
<tr>
<td>Max. C1⁺</td>
<td>0.75 %vol</td>
<td>ASTM D1945; ASTM D1946;</td>
</tr>
<tr>
<td>Max. C2⁺ GPM</td>
<td>0.2 gal/Mscf</td>
<td>ASTM D1766; GPA 2261;</td>
</tr>
<tr>
<td>Max. C2⁺</td>
<td>0.12% vol</td>
<td>ASTM D1142; ASTM D5454;</td>
</tr>
<tr>
<td>Max. C3⁺ GPM</td>
<td>0.05 gal/Mscf</td>
<td>ASTM D4888</td>
</tr>
<tr>
<td>Max. Water Vapor Content</td>
<td>7.0 lb/MMscf</td>
<td>ASTM D1072; ASTM D3246;</td>
</tr>
<tr>
<td>Max. Total Sulfur</td>
<td>5.0 grains per 100 scf</td>
<td>ASTM D4468; ASTM D5504;</td>
</tr>
<tr>
<td>Max. Hydrogen Sulfide (H2S)</td>
<td>0.25 grain per 100 scf</td>
<td>ASTM D6228; ASTM D6968;</td>
</tr>
<tr>
<td>Max. Mercaptans (RSH)</td>
<td>0.2 grain per 100 scf</td>
<td>ASTM D7165; ASTM D7493; GPA 2261</td>
</tr>
<tr>
<td>Max. Particle Size</td>
<td>3 microns</td>
<td>EPA Method 5</td>
</tr>
<tr>
<td>Max. Hydrogen</td>
<td>400 ppm</td>
<td>ASTM D1945; ASTM D1946;</td>
</tr>
<tr>
<td>Max. Total Diluent Gases</td>
<td>3% vol</td>
<td>ASTM D1766; GPA 2261. Also for CO2: ASTM D4984;</td>
</tr>
<tr>
<td>Carbon Dioxide (CO2)</td>
<td>2% vol</td>
<td>ASTM D7164; GPA 2377</td>
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<tr>
<td>Nitrogen (N2)</td>
<td>1% vol</td>
<td></td>
</tr>
<tr>
<td>Oxygen (O2)</td>
<td>0.1% vol</td>
<td></td>
</tr>
</tbody>
</table>

(continued)
Schedule 800
Biomethane Receipt Services

MINIMUM BIOMETHANE QUALITY STANDARDS (continued)

Table 2
Table 2 lists additional biomethane quality standards that must be met for biomethane to be acceptable for receipt services. The Biomethane Producer is responsible for testing for the constituents in Table 2 in the manner as established in both Table 2 and the Monitoring section below. Preferred testing requirements per constituent are dependent upon the fuel source (landfill; wastewater treatment; food and beverage; or agricultural) used to generate the biomethane. Where biomethane is produced from more than one fuel source, the testing requirements for each fuel sources is required.

Table 2—Additional Gas Quality Standards for Biomethane

<table>
<thead>
<tr>
<th>SPECIFICATION or CONSTITUENT</th>
<th>TRIGGER LEVEL</th>
<th>LOWER ACTION LEVEL</th>
<th>UPPER ACTION LEVEL</th>
<th>REQUIRED FOR</th>
<th>TEST METHOD*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PART A—Health Constituents (carcinogenic)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arsenic</td>
<td>0.019 mg/m</td>
<td>0.19 mg/m</td>
<td>0.48 mg/m</td>
<td>Landfill</td>
<td>EPA Method 29;</td>
</tr>
<tr>
<td></td>
<td>0.006 ppmv</td>
<td>0.06 ppmv</td>
<td>0.15 ppmv</td>
<td></td>
<td>EPA Method 200.8</td>
</tr>
<tr>
<td>p-Dichlorobenzene</td>
<td>5.7 mg/m</td>
<td>57 mg/m</td>
<td>140 mg/m</td>
<td>Landfill, Wastewater Treatment;</td>
<td>EPA TO-15</td>
</tr>
<tr>
<td></td>
<td>C.95 ppmv</td>
<td>9.5 ppmv</td>
<td>24 ppmv</td>
<td>Food &amp; Beverage</td>
<td></td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>16 mg/m</td>
<td>160 mg/m</td>
<td>650 mg/m</td>
<td>Landfill, Agricultural; Wastewater</td>
<td>EPA TO-15</td>
</tr>
<tr>
<td></td>
<td>6.0 ppmv</td>
<td>60 ppmv</td>
<td>150 ppmv</td>
<td>Treatment; Food &amp; Beverage</td>
<td></td>
</tr>
<tr>
<td>n-Nitroso-di-n-Propylamine</td>
<td>0.333 mg/m</td>
<td>0.33 mg/m</td>
<td>0.81 mg/m</td>
<td>Landfill, Agricultural</td>
<td>EPA Method 8270</td>
</tr>
<tr>
<td></td>
<td>0.006 ppmv</td>
<td>0.06 ppmv</td>
<td>0.15 ppmv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vinyl Chloride</td>
<td>0.84 mg/m</td>
<td>8.4 mg/m</td>
<td>21 mg/m</td>
<td>Landfill; Wastewater Treatment;</td>
<td>EPA TO-15</td>
</tr>
<tr>
<td></td>
<td>C.33 ppmv</td>
<td>3.3 ppmv</td>
<td>8.3 ppmv</td>
<td>Food &amp; Beverage</td>
<td></td>
</tr>
<tr>
<td><strong>PART B—Health Constituents (non-carcinogenic)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Antimony</td>
<td>0.06 mg/m</td>
<td>6.0 mg/m</td>
<td>30 mg/m</td>
<td>Landfill; Wastewater Treatment;</td>
<td>EPA Method 29;</td>
</tr>
<tr>
<td></td>
<td>C.02 ppmv</td>
<td>1.2 ppmv</td>
<td>6.1 ppmv</td>
<td>Food &amp; Beverage</td>
<td>EPA Method 200.8</td>
</tr>
<tr>
<td>Copper</td>
<td>0.36 mg/m</td>
<td>0.60 mg/m</td>
<td>3.0 mg/m</td>
<td>Landfill; Wastewater Treatment;</td>
<td>EPA Method 29;</td>
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<tr>
<td></td>
<td>C.02 ppmv</td>
<td>0.23 ppmv</td>
<td>1.2 ppmv</td>
<td>Food &amp; Beverage</td>
<td>EPA Method 200.8</td>
</tr>
<tr>
<td>Hydrogen Sulfide</td>
<td>0.25 grain per 100 scf</td>
<td>57 mg/m</td>
<td>285 mg/m</td>
<td>Landfill, Agricultural</td>
<td>ASTM D48:10;</td>
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<tr>
<td></td>
<td>5.7 mg/m</td>
<td>40 ppmv</td>
<td>200 ppmv</td>
<td></td>
<td>ASTM D554;</td>
</tr>
<tr>
<td></td>
<td>4.0 ppmv</td>
<td></td>
<td></td>
<td></td>
<td>ASTM D7165;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ASTM D7453;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GPA 2261</td>
</tr>
<tr>
<td>Lead</td>
<td>0.07 mg/m</td>
<td>0.075 mg/m</td>
<td>3.8 mg/m</td>
<td>Landfill; Wastewater Treatment;</td>
<td>EPA Method 29;</td>
</tr>
<tr>
<td></td>
<td>0.009 ppmv</td>
<td>0.09 ppmv</td>
<td>0.44 ppmv</td>
<td>Food &amp; Beverage</td>
<td>EPA Method 200.8</td>
</tr>
<tr>
<td>Mercaptans (Alkyl Thiols)</td>
<td>0.2 grain Sulfur per 100 scf</td>
<td>2.0 grain Sulfur per 100 scf</td>
<td>10 grain Sulfur per 100 scf</td>
<td>Landfill, Agricultural; Wastewater Treatment; Food &amp; Beverage</td>
<td>ASTM D1948;</td>
</tr>
<tr>
<td></td>
<td>4.6 mg Sulfur/m 3 ppmv mercaptan</td>
<td>45 mg Sulfur/m 34 ppmv mercaptan</td>
<td>230 mg Sulfur/m 170 ppmv mercaptan</td>
<td></td>
<td>ASTM D5504;</td>
</tr>
<tr>
<td></td>
<td>1.1 mg/m</td>
<td>11 mg/m</td>
<td>53 mg/m</td>
<td>Landfill; Wastewater Treatment;</td>
<td>ASTM D7165;</td>
</tr>
<tr>
<td></td>
<td>C.37 ppmv</td>
<td>3.7 ppmv</td>
<td>18 ppmv</td>
<td>Food &amp; Beverage</td>
<td>ASTM D7453;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GPA 2261</td>
</tr>
<tr>
<td>Methacrolein</td>
<td>0.1 mg/m</td>
<td>11 mg/m</td>
<td>53 mg/m</td>
<td>Landfill; Wastewater Treatment;</td>
<td>EPA TO-15, EPA TO-13A</td>
</tr>
<tr>
<td></td>
<td>C.37 ppmv</td>
<td>3.7 ppmv</td>
<td>18 ppmv</td>
<td>Food &amp; Beverage</td>
<td></td>
</tr>
<tr>
<td>Toluene</td>
<td>0.04 mg/m</td>
<td>9000 mg/m</td>
<td>45000 mg/m</td>
<td>Landfill; Agricultural; Wastewater</td>
<td>EPA TO-15</td>
</tr>
<tr>
<td></td>
<td>240 ppmv</td>
<td>2400 ppmv</td>
<td>12000 ppmv</td>
<td>Treatment; Food &amp; Beverage</td>
<td></td>
</tr>
</tbody>
</table>
Schedule 800
Biomethane Receipt Services

MINIMUM BIOMETHANE QUALITY STANDARDS (continued)
Table 2—Additional Gas Quality Standards for Biomethane

<table>
<thead>
<tr>
<th>SPECIFICATION or CONSTITUENT</th>
<th>TRIGGER LEVEL</th>
<th>LOWER ACTION LEVEL</th>
<th>UPPER ACTION LEVEL</th>
<th>REQUIRED FOR</th>
<th>TEST METHOD*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia</td>
<td>0.001%</td>
<td>0.005%</td>
<td>N/A</td>
<td>Landfill; Agricultural</td>
<td>Chromatograph</td>
</tr>
<tr>
<td>Biologicals</td>
<td>$4 \times 10^6$ / scf (qPCR per APB, SRB, IOB group) and commercially free of bacteria of &gt;0.2 microns</td>
<td>$2 \times 10^7$ / scf (qPCR per APB, SRB, IOB group)</td>
<td>N/A</td>
<td>Landfill; Agricultural; Wastewater Treatment; Food &amp; Beverage</td>
<td>Filter to 0.2 micron and analyze for total APB, SRB, and IOB using qPCR</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>400 ppm 0.04% vol</td>
<td>2,000</td>
<td>N/A</td>
<td>Landfill; Agricultural; Wastewater Treatment; Food &amp; Beverage</td>
<td>ASTM D1945; ASTM D1946</td>
</tr>
<tr>
<td>Mercury</td>
<td>0.08 mg/m</td>
<td>0.4</td>
<td>N/A</td>
<td>Landfill; Agricultural; Wastewater Treatment; Food &amp; Beverage</td>
<td>EPA Method 29; EPA Method 200.8</td>
</tr>
<tr>
<td>Siloxanes</td>
<td>0.01 mg Si/m</td>
<td>0.1 mg Si/m</td>
<td>N/A</td>
<td>Landfill; Agricultural; Wastewater Treatment; Food &amp; Beverage</td>
<td>Chromatograph</td>
</tr>
</tbody>
</table>

*A third party lab may recommend a different testing method in which case the testing method must be noted in the report with the testing results. Acceptance of different testing methods is in the Company's sole discretion.
Schedule 800
Biomethane Receipt Services

MINIMUM BIOMETHANE QUALITY STANDARDS (continued)

Table 3
Table 3 establishes a cumulative constituents standard applicable to biomethane from all sources.

<table>
<thead>
<tr>
<th>CONSTITUENT</th>
<th>TRIGGER LEVEL A</th>
<th>Actual Analysis B</th>
<th>Ratio (B/A) = C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arsenic</td>
<td>0.019 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.006 ppmv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>p-Dichlorobenzene</td>
<td>5.7 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.95 ppmv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>26 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6.0 ppmv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-Nitroso-di-n-propylamine</td>
<td>0.033 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.006 ppmv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vinyl Chloride</td>
<td>0.84 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.33 ppmv</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The collective potential risk is the sum of the last column, the sum of each C value for each constituent.

STANDARD: Biomethane Receipt Services is not permitted for biomethane from any source if the Sum of C values is equal to or greater than 10.0.

Level 2

<table>
<thead>
<tr>
<th>CONSTITUENT</th>
<th>TRIGGER LEVEL A</th>
<th>Actual Analysis B</th>
<th>Ratio (B/A) = C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>0.060 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.02 ppmv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogen Sulfide</td>
<td>0.25 grain per 100 scf</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.7 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.0 ppmv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>0.075 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.009 ppmv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mercaptans (Alkyl Thiols)</td>
<td>0.2 grain Sulfur per 100 scf</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.5 mg Sulfur/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.4 ppmv mercaptan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methacrolein</td>
<td>1.1 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.37 ppmv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trimethane</td>
<td>904 mg/m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>240 ppmv</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The collective potential risk is the sum of the last column, the sum of each C value for each constituent.

(continue)
Schedule 800
Biomethane Receipt Services

MINIMUM BIOMETHANE QUALITY STANDARDS (continued)
Table 3 (continued)

<table>
<thead>
<tr>
<th>TESTING STANDARD:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Level</td>
<td>The Sum of C Values for Level 1</td>
</tr>
<tr>
<td>Trigger Level</td>
<td>≥ 1.0</td>
</tr>
<tr>
<td>Lower Action Level</td>
<td>≥ 10.0</td>
</tr>
<tr>
<td>Upper Action Level</td>
<td>≥ 25.0</td>
</tr>
</tbody>
</table>

MONITORING AND REPORTING REQUIREMENTS

A. Pre-Injection Monitoring
1. Prior to injecting Biomethane into the Company’s distribution system, a Biomethane Producer must meet the following requirements:
   - Over a two- to four-week period, conduct two tests for compliance to the parameters established in Tables 2 and 3.
   - The tests shall not be more than fourteen days or less than five days apart.
   - The parameters for testing as established in this Schedule under the Ongoing Monitoring Section apply for Pre-Injection Monitoring.

2. Compliance to the Gas Quality Standard found in Tables 2
   A test is non-compliant to the Gas Quality Standard in Table 2 if any of the following are true:
   - Any constituent in Part A of Table 2 is at or above the lower action level;
   - Any constituent in Part B of Table 2 is at or above the trigger level; or
   - Any constituent in Part C of Table 2 is at or above the lower action level.

3. Injection after Pre-Injection Monitoring
   Biomethane may be injected into the Company’s distribution system if all of the following are true:
   - The biomethane complies with the parameters established in Table 1.
   - All constituents in Table 2 have tested values consistent with one of the following:
     - Non-detectible or below the trigger levels; or
     - The cumulative value of constituents per Table 3 is below the trigger level.
Schedule 800
Biomethane Receipt Services

B. Ongoing Monitoring
   1. Testing
      - Gas sampling techniques should conform to applicable provisions of Section 1 of
        Chapter 14 of API Manual of Petroleum Measurement Standards (MPMS) or Gas
        Processors Association (GPA) document GPA-2166, “Obtaining Natural Gas
        Samples for Analysis for Gas Chromatography.”
      - The Biomethane Producer shall have the biomethane sampled onsite and tested by an
        ELAP certified lab (or third party lab when a ELAP is not available) for the constituents as
        detailed in Table 2 and the cumulative value of constituents as established in Table 3.
      - The testing should be conducted using the test methods as noted in Tables 1 and 2.
        When that is not feasible, analytical methods and techniques considered as generally
        accepted by the industry as well as the Company may be used.
      - The biomethane quality tests should occur with the biomethane production operating at
        a steady state and at anticipated normal production capacity.
      - The Company shall be notified of the Biomethane sampling and tests and have the option
        to observe the samples being taken.
      - Test results shall be shared with Company within five business days of Customer’s receipt
        of the test results.

(continued)
Schedule 800
Biomethane Receipt Services

MONITORING AND REPORTING REQUIREMENTS (continued)

Ongoing Monitoring (continued)

2. Frequency:
   - For Table 2, Part A and Part B constituents that test below the trigger level, testing is required once every twelve months.
   - For Table 2, Part A and Part B constituents that test at or above the trigger level, testing is required every three months. The frequency can be reduced if one of the following is true:
     - If four consecutive quarterly tests show that a constituent subject to the quarterly testing requirement is below the trigger level, then the monitoring frequency can be reduced to 12-month intervals; or
     - If four consecutive quarterly tests show that the total cumulative value for constituents as measured in Table 3 is less than the lower action level, then the monitoring frequency of all these constituents can be reduced to 12-month intervals.
   - Table 2, Part 3 – All Table 2, Part 3 constituents need to be tested quarterly.

3. Results.
   - The Company must be notified immediately when any constituent tests at or above the trigger level.
   - Test results must be provided in writing to the Company within five calendar days of receipt.

4. Unsatisfactory Test Results:
   - Biomethane Receipt Service must be terminated if any Table 2 constituent tests above the upper action level or the test results show a total collective constituents risk level high than the allowable level per Table 3.

5. Re-establishing Biomethane Receipt Services After Service Has Been Terminated Due to a Constituent Testing Outside the Acceptable Limits.
   - To reinitiate service after a Table 1 constitute tests outside the acceptable limits, a Biomethane Producer must reduce the constituents to acceptable levels and will contact the appropriate Company personnel to allow the Biomethane to be reintroduced into the distribution or pipeline system. The Company will monitor the Gas Quality per the Gas Chromatograph to ensure the gas is within the acceptable limits.

(continued)
Schedule 800
Biomethane Receipt Services

MONITORING AND REPORTING REQUIREMENTS (continued)

Ongoing Monitoring (continued)

Re-establishing Biomethane Receipt Services After Service Has Been Terminated Due to a Constituent Testing Outside the Acceptable Limits (continued)

To reinitiate service after a Table 2 constitute tests outside the acceptable limits, a Biomethane Producer must present the Company with one test that demonstrates compliance with the Minimum Biomethane Quality Standards. Frequency of testing reverts to baseline. Testing requirements for re-establishing Biomethane Receipt Services are consistent with the requirements established above in Pre-Injection Monitoring Section.

6. Biomethane Producer-owned Monitoring Equipment

The Biomethane Producer shall install, maintain and operate equipment designed to interrupt the upstream supply of Biomethane automatically in the event that the Biomethane does not meet Biomethane Gas Quality Standard. This is in addition to the Company-owned equipment.

The Company may inspect the Biomethane Producer's monitoring equipment during design, construction and operation; provided that nothing herein shall be construed to impose any obligation on the Company to so inspect such equipment, nor shall the Company's undertaking to inspect such equipment relieve or diminish the Biomethane Producer's obligations to so install and operate such equipment. The Company may also refuse to accept Biomethane that is shown, by either the Biomethane Producer's monitoring equipment or the Company's equipment used to register the readings of the gas quality measurement equipment of Customer, to not meet the Biomethane Quality Standards, regardless of whether supplies are interrupted by automatic equipment.

Within ten (10) business days following the execution of the Biomethane Receipt Service Agreement, the Biomethane Producer shall provide to the Company a list of all instruments and equipment (Monitoring Equipment) used by the Biomethane Producer to monitor and confirm that Biomethane delivered to the Company pursuant to this Schedule meets the Biomethane Quality Standards Quality. The Biomethane Producer shall consult with the Company before adding to, retiring or modifying any of the Monitoring Equipment. The Biomethane Producer shall provide to the Company an updated list of all Monitoring Equipment within ten (10) business days following any additions thereto or modification or retirement thereof.

(continued)
MONITORING AND REPORTING REQUIREMENTS (continued)

Biomethane Producer-owned Monitoring Equipment (continued)

Within ten (10) business days following the execution of the Biomethane Receipt Service Agreement and within ten (10) business days following any additions to or modification of the Monitoring Equipment, the Biomethane Producer shall provide to the Company an accurate copy of the applicable manufacturer's performance and operating specifications for the Monitoring Equipment, together with the applicable manufacturer's recommended maintenance and calibration procedures and intervals therefor. The Biomethane Producer shall contemporaneously provide the Company an accurate copy of any maintenance and calibration procedures it uses other than the applicable manufacturer's recommended maintenance and calibration procedures, with any differences between the Biomethane Producer's maintenance and calibration procedures and the applicable manufacturer's recommended maintenance and calibration procedures clearly noted. The Biomethane Producer shall promptly provide updates of such information to the Company upon any change by the Biomethane Producer or the applicable manufacturer to its maintenance or calibration procedures. Upon the Company's request, the Biomethane Producer shall provide to the Company a demonstration of Customer's maintenance or calibration procedures for any of the Monitoring Equipment. The Biomethane Producer shall be responsible for operating, calibrating and maintaining the Monitoring Equipment, at a minimum, in accordance with the manufacturer's recommended specifications.

The Biomethane Producer shall provide the Company, upon the Company's reasonable request, and in any event not less frequently than once every quarter during the term of the Service Agreement pursuant to this Schedule, information that the Company deems necessary for ascertaining the accuracy of the Monitoring Equipment or of the Company's equipment (which may be SCADA equipment) used to register the readings of the Monitoring Equipment. The Company's undertaking to review such information does not relieve or diminish the Customer's obligations to so install, operate, calibrate and maintain such equipment. Such information shall include, but shall not be limited to, if otherwise requested by the Company, the following:

(continued)
Schedule 800
Biomethane Receipt Services

MONITORING AND REPORTING REQUIREMENTS (continued)

Biomethane Producer-owned Monitoring Equipment (continued)

A. Next scheduled maintenance or calibration date of the Monitoring Equipment (based on the most recently completed maintenance or calibration and the applicable maintenance or calibration interval);

B. Actual maintenance or calibration date;

C. "As found" calibration results;

D. Maintenance conducted (if any);

E. "As left" calibration results;

F. Description of any differences between the maintenance or calibration conducted by Customer and the applicable manufacturer's recommended maintenance or calibration procedures, as the case may be;

G. A tracking number for such maintenance or calibration (or the name of the technician that performed the maintenance or calibration).

7. Changes to Feedstock
The Biomethane Producer will notify Company in advance if possible but in no case more than ten (10) business days following, any planned or unplanned significant additions or modifications to the feedstock source of the biogas processed or scrubbed to produce Biomethane, and shall provide the Company all relevant information related to the new biogas source and the possible impact on the quality of the Biomethane delivered to Company. The change to feedstock may cause the Company to require the Biomethane Producer meet the requirements established above in Pre-injection Monitoring Section. Nothing herein shall be construed to impose any obligation on the Company to review or approve any additions or modifications to the feedstock source of the biogas.

CURTAILMENT OF BIOMETHANE RECEIPT SERVICES
The Company may curtail receipt services without notice for reasons including Force Majeure, safety, failure for Biomethane to meet the Minimum Gas Quality Standards, and scheduled or unscheduled maintenance. The Company will not be liable for damages occasioned by partial or total curtailment of Biomethane Receipt Service under this Schedule.

Also, any failure by the Biomethane Producer to comply with the terms and condition of service in this Schedule and or the Biomethane Receipt Service Agreement, including the not limited to failure to provide information in a timely manner, failure to provide access in a timely manner, and failure to pay for services rendered may result in curtailment of services.

(continued)
Schedule 800  
Biomethane Receipt Services

**BIOMETHANE QUALITY PROCESSING EQUIPMENT**
The Biomethane Producer shall own all facilities designed to process Biomethane to meet the Minimum Biomethane Quality Standards and deliver such biomethane to the receipt meter. The Biomethane Producer-owned facilities include but are not limited to the equipment necessary to scrub, dry, compress, monitor, and interrupt biomethane. By taking service under this Schedule, the Biomethane Producer is representing that all Biomethane Producer-owned equipment is constructed, installed, and maintained in accordance with all applicable codes, standards, specifications, and warranties.

**RIGHT TO AUDIT**
The Company maintains the right to at any time audit the biomethane for compliance to the minimum Biomethane Quality Standards. Audit requests must be delivered in writing (including email) to the Biomethane Producer’s designated representative as identified in the Biomethane Receipt Services Agreement. If the Biomethane Producer denies or fails to respond within twenty-four (24) hours to a written request from the Company to audit the biomethane quality, receipt services under this Schedule may be terminated without further notice.

**INCREASES IN BIOMETHANE PRODUCTION**
A new or an amended Biomethane Receipt Service Agreement is required prior to an increase in annual biomethane production of ten percent (10%).

**SPECIAL CONDITIONS**
1. Service under this Schedule requires an executed Biomethane Receipt Services Agreement.
2. The point of interconnection shall be established as a transportation scheduling point for service to a customer receiving service under Schedule 163.
3. The Company's receipt meter shall be the point at which receipt service occurs. There is no custody transfer point for the biomethane as the Company in no instance owns the gas as part of the service received under this Schedule. If the Company chooses to buy the gas for service to its core customers, the Company's purchase of the biomethane will occur under a separate agreement and will be different from services provided in this Schedule.

(continued)

CNG/O18-07-04  
Issued July 31, 2018  
Received by OPUC  
Utility Division  
9/10/2018  
Effective for Service on and after  
November 1, 2018
Schedule 800
Biomethane Receipt Services

SPECIAL CONDITIONS (continued)
4. The Company-owned point of interconnection should be protected by an enclosed and locked fence.
5. The Company will have the right to adjust a Biomethane Producer’s daily nomination when, in the Company’s sole judgment, such action is necessary to bring into balance its system or otherwise maintain operational control or maintain the integrity of the Company’s distribution system.
6. The available receipt capacity for any particular day may be affected by physical flows from other points of receipt, physical pipeline and storage conditions for that day, and end-use demand on the Company’s system.
7. The Biomethane Producer shall defend and indemnify the Company and hold it harmless from all suits, actions, debts, accounts, damage, costs, losses, taxes, and expenses arising from or out of any adverse legal claim of third parties to or against the biomethane received on the Company’s distribution system in accordance with this Schedule.
8. The Company may terminate service under this Schedule if the Biomethane Producer’s is non-compliant on any requirement herein.
9. By accepting Biomethane Receipt Services, the Biomethane Producer shall defend and indemnify the Company and holds it harmless against any claims related to the interruption or termination of biomethane receipt services, including but not limited to claims that service interruption damaged equipment, or facilities, or interfered with an ability to see biomethane.

TERM OF SERVICE
Service under this Schedule shall be rendered in accordance with the effective date established in the Biomethane Receipt Service Agreement and shall continue until terminated. To terminate service under this Schedule, either party must provide written notice stating the intent to terminate service effective no less than 60 days from the date the notice is received by the other party’s designated representative as identified in the Biomethane Receipt Service Agreement. Upon termination of service, the Company may, at its sole option, remove or retire in place any or all Company-owned facilities.

GENERAL TERMS
Service under this Schedule is governed by the terms of this Schedule, the rules contained in this Tariff, and other schedules that by their terms or by the terms of this Schedule apply to service under this Schedule, by all the rules and regulations prescribed by regulatory authorities, as amended from time to time, and by the applicable Biomethane Receipt Services Agreement.