### Monthly Changes

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

<table>
<thead>
<tr>
<th>Blocks By</th>
<th>Base Rate</th>
<th>Offset</th>
<th>SDH 192</th>
<th>SDH 199</th>
<th>SDH 198</th>
<th>SDH 197</th>
<th>SDH 196</th>
<th>SDH 195</th>
<th>SDH 194</th>
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<tbody>
<tr>
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</tbody>
</table>

### Schedule

1. Prior to the Company's building an interconnection, the biomethane producer must provide the Company with all reasonable information needed to determine that the interconnection of biomethane will not damage the Company's distribution system and is in accordance with normal operation of the Company's distribution system and is not hazardous or dangerous to the public or to the property of others.

2. The new biogas from which the biomethane is produced must be from one of a mix of the following feedstocks: (a) feedstocks from livestock or poultry manure (b) food (c) other feedstocks.

3. The biomethane producer must meet the following credit screening criteria as established by the Company.

4. The Company may, in its sole opinion, reduce the credit limit of the biomethane producer.

5. The biomethane producer must comply with all terms and conditions of the interconnection agreement.

### Application:

The application for biomethane producer on the Company's distribution system is available to biomethane producers who meet all of the following criteria and conditions.

### Purpose:

The purpose of this Schedule is to establish terms and conditions whereby qualifying producers of biomethane

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**Biomethane Receipt Services**

**Schedule 800**

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**Fifth Revision of Sheet NO. 800.1**

**Cascade Natural Gas Corporation**
Utility Division
March 28, 2019
Issued March 28, 2019
Effective for service on and after April 1, 2019

CNG/019-03-01

(continued)

and (b) any other information deemed necessary by the Company.

Information including the name and address, if applicable, the expected period of the
the information will be furnished to the recipient, if applicable, the expected period of the
(continued)
PREREQUISITES TO BIOMETHANE RECEIPT SERVICES (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 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-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 Producer's project as presented in writing by the Biomethane Producer, and 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 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 production; c) provided written proof of paid permit fees; d) provided written proof of local municipality permits; e) paid 1/3 of the estimated interconnection costs; and g) paid an irrevocable letter of credit for the remaining two-thirds costs, the Company will build the Interconnection from the Biomethane Producer's output range to the Company's distribution system.
continue at the site.

The Biomethane Receipt Service Agreement is not transferable regardless of a change in ownership of the site. Should the site become the property of another entity, a new Biomethane Receipt Service Agreement would need to be executed for service under this Schedule to remain valid.

5. Prior to the Company installing interconnection facilities, the Biomethane Producer must execute a Biomethane Receipt Service Agreement with the Company and the Biomethane Producer that can only be modified in accordance with both parties’ signatures.

The Company’s system, and all taxes and fees, do not interfere with the Company’s typical, balanced gas distribution services on the production site. Any upgrades required on an upstream transmission pipeline to ensure the receipt of interconnection services are a Biomethane Producer responsibility. The Interconnection Services Agreement includes a clause that describes the responsibilities of the Biomethane Producer to ensure the receipt of Interconnection Services.

4. Intercion Services

Do not contract with the Company for the provision of interconnection services. The interconnection services must be arranged by the Biomethane Producer and comply with all applicable codes and regulations.

The maximum physical capacity of the interconnection facility will be determined by the size of the production site, the equipment available, and the equipment necessary for the provision of the service. The Biomethane Producer will design, build, own, and operate all interconnection facilities related to the provision of this service and such interconnection facilities will be owned by the Biomethane Producer. The Biomethane Producer must notify the Company of the interconnection facilities prior to their installation.

Pre-requisites to Biomethane Receipt Service

Schedule 800

Cascnade Natural Gas Corporation
B. The Biomethane Producer or a supplies all of the Biomethane Producer's agent is required to report estimated gas production volumes at least 24 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 allowable. Provided the changes are communicated to the Company as soon as reasonably possible.

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 production for the upcoming month at least by the 15th day of the current month. Such production shall include any scheduled down time or increased production time.

RECEIPT SERVICES

Schedule 800

Original Sheet 800.5
(continued)

Genericate the Biomethane.

Table 1. Are applicable to all Biomethane regardless of fuel source used to

guarantee the standards established in Table 1 are applicable to all Biomethane can meet the gas quality standards put forth in Table 1. The gas

shall be interpreted until the Biomethane can exceed the gas quality standards put forth in Table 1. The gas

that the Biomethane contains a constituent outside the acceptable range, Biomethane must be

removed prior to being introduced into the natural gas transmission system. (other gases as soon as possible, the Biomethane

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.

Biomethane Quality Standards as established in this section.

Preliminary results of the tests conducted to date indicate that the gas quality of the gas

Biomethane must be free from bacteria, pathogens, and any other substances harmful to utility facilities

of the gas. The Biomethane must not contain any toxic or hazardous substances in concentrations which, in the

normal use of the equipment, may be hazardous to health or to the environment or to the equipment itself, or be a limit to

the environment. The Biomethane shall be commercially free from objectionable odors (excluding the company

agreement).

In general, the Biomethane shall be commercially free from objectionable odors (excluding the company

agreement).

Minimum Biomethane Quality Standards

Schedule 800

CASCAD NATURAL GAS CORPORATION
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO&lt;sub&gt;2&lt;/sub&gt; Vol</td>
<td>0.3% vol</td>
</tr>
<tr>
<td>H&lt;sub&gt;2&lt;/sub&gt;S vol</td>
<td>150 ppm</td>
</tr>
<tr>
<td>Carbon Dioxide (CO&lt;sub&gt;2&lt;/sub&gt;)</td>
<td>2277</td>
</tr>
<tr>
<td>Max. Total Dissolved Solids</td>
<td>29% vol</td>
</tr>
<tr>
<td>ASHM D716; ASHM D4984; ASHM D222; ASHM D224</td>
<td>3 microns</td>
</tr>
<tr>
<td>ASHM D715; ASHM D4988; ASHM D9982; ASHM D224; ASHM D5004</td>
<td>0.02 grain per 100 gal</td>
</tr>
<tr>
<td>ASHM D1784; ASHM D222; ASHM D1704; ASHM D2206</td>
<td>1.3 ppm</td>
</tr>
<tr>
<td>ASHM D1706; ASHM D222; ASHM D2206</td>
<td>0.75 ppm</td>
</tr>
<tr>
<td>ASHM D5004; ASHM D5024</td>
<td>0.02 grain per 100 gal</td>
</tr>
<tr>
<td>Net Total Solids</td>
<td>5.5 grains per 100 gal</td>
</tr>
<tr>
<td>Acid Water Type Contract</td>
<td>7.0 DWT.</td>
</tr>
</tbody>
</table>
### Table 2 - Additional Gas Quality Standards for Biomethane

<table>
<thead>
<tr>
<th>Test Method</th>
<th>Level</th>
<th>Upper Action Level</th>
<th>Lower Action Level</th>
<th>Concentration of Constituent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Method 800</td>
<td>Level</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Schedule 800

**PUC OR NO. 10**

**CASCADE NATURAL GAS CORPORATION**
### Table 2 – Additional Gas Quality Standards for Biomethane

| Parameter | Requirement | Test Method
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Methane</td>
<td>80%</td>
<td>10</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>&lt;= 1%</td>
<td>10</td>
</tr>
<tr>
<td>Sulfur Dioxide</td>
<td>&lt;= 0.01%</td>
<td>10</td>
</tr>
<tr>
<td>Particulate Matter</td>
<td>&lt;= 0.005%</td>
<td>10</td>
</tr>
</tbody>
</table>

### Acetate of Olive Mill Effluents

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fat C</td>
<td>0.01%</td>
</tr>
</tbody>
</table>

### Schedule 800

**Minimum Biomethane Quality Standards (continued)**
### Table 3: Cumulative Constituents Risk

<table>
<thead>
<tr>
<th>Constituent</th>
<th>C = (E/A)</th>
<th>B</th>
<th>A</th>
<th>Trigger Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia-N</td>
<td>0.4 ppmv</td>
<td>0.48 ppmv</td>
<td>0.0006 ppmv</td>
<td>0.0003 ppmv</td>
</tr>
<tr>
<td>Ethylene</td>
<td>60 mg/l</td>
<td>50 mg/l</td>
<td>0.0025 ppmv</td>
<td>0.0025 ppmv</td>
</tr>
<tr>
<td>Phosphorus (P)</td>
<td>0.3 mg/l</td>
<td>0.3 mg/l</td>
<td>0.00006 ppmv</td>
<td>0.00006 ppmv</td>
</tr>
<tr>
<td>Hydrogen Sulfide</td>
<td>0.009 ppmv</td>
<td>0.009 ppmv</td>
<td>0.00009 ppmv</td>
<td>0.00009 ppmv</td>
</tr>
<tr>
<td>Sulfur Dioxide</td>
<td>0.4 ppmv</td>
<td>0.4 ppmv</td>
<td>0.0025 ppmv</td>
<td>0.0025 ppmv</td>
</tr>
<tr>
<td>Methane</td>
<td>0.009 ppmv</td>
<td>0.009 ppmv</td>
<td>0.00009 ppmv</td>
<td>0.00009 ppmv</td>
</tr>
</tbody>
</table>

**Note:** From any source if the sum of C values is equal to or greater than 1.0.

**STANDARD:** Biomethane Receipt Services is not permitted for biomethane from any source if the sum of C values is equal to or greater than 1.0.
The cumulative value of constituents per Table 3 is below the trigger level.

- Non-detected or below the trigger levels of all constituents in Table 3 have tested values consistent with one of the following:
  - The biometathane complies with the parameters established in Table 1.

3. Injection after Pre-Injection Monitoring

- Any constituent in Part C of Table 2 is at or above the lower action level.
- Any constituent in Part B of Table 2 is at or above the lower action level, or
- Any constituent in Part A of Table 2 is at or above the lower action level.

4. Compliance to the Gas Quality Standard Found in Tables 2

- The percentages for testing as established in this schedule under the ongoing monitoring established in Tables 2 and 3.

A. Pre-Injection Monitoring

<table>
<thead>
<tr>
<th>Trigger Level</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2.25 %</td>
<td>Stop Composting</td>
</tr>
<tr>
<td>2.26 - 4.00 %</td>
<td>Lower Action Level</td>
</tr>
<tr>
<td>4.01 - 9.00 %</td>
<td>Upper Action Level</td>
</tr>
</tbody>
</table>

**Testing Standard:** The sum of all values for each level 2 constituent over a two-to-four-week period.

**Biometathane Quality Standards (continued)**

Minimum Biometathane Quality Standards (continued)

Schedule 800

P.U.C. OR NO. 10

Cascade Natural Gas Corporation
(continued)

Test results shall be shared with Company within five business days of Customer's receipt.

The Company shall be notified of the Biomethane sampling and tests and have the option to observe the samples being taken.

A steady state and an interrupted normal production capacity test shall be conducted.

The Biomethane quality tests should occur with the Biomethane production operating at any production capacity as well as the Company may be used.

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 testing should be conducted using the best methods as noted in Table 1 and 2.

The testing should be conducted using the best methods as noted in Table 1 and 2.

The testing should be conducted using the best methods as noted in Table 1 and 2.

The Biomethane Producer shall have the Biomethane sampled once and tested by an ELAP certified lab (or third party lab when an ELAP is not available) for the constituents as detailed in Table 2 and the cumulative value of constituents as established in Table 3.

ELAP certified lab (or third party lab when an ELAP is not available) for the constituents as detailed in Table 2 and the cumulative value of constituents as established in Table 3.

The Biomethane Producer shall have the Biomethane sampled once and tested by an ELAP certified lab (or third party lab when an ELAP is not available) for the constituents as detailed in Table 2 and the cumulative value of constituents as established in Table 3.

Gases sampling techniques should conform to applicable provisions of Section 1 of Chapter 14 of API Manual of Production Measurement Standards (MPS-1) or Gas Processors Association (GPA) document GPA-2.166. "Obtaining Natural Gas Measurements from Gas Systems - Gas Sampling: 1994 Edition".

1. Testing

B. Online Monitoring

Biomethane Receipt Services

Schedule 800

PUC OR No. 10

Cascades Natural Gas Corporation
Chromatographic to ensure the gas is within the acceptable limits.

4. Unsatisfactory Test Results: 
   - Results must be provided in writing to the Company within five calendar days of
   - The Company must be notified immediately when any constituent levels are

Table 2, Part 3 - All Table 2, Part 3 constituents need to be tested quarterly.

5. Gas Noncompliance: 
   - The lower action level is less than the lower limit, then the 
   - Frequency can be reduced to 12-month intervals for 
   - For Table 2, Part A and Part B constituents that test above the trigger level, the 

Montmorillonite and reporting requirements (continued)

Cascades Natural Gas Corporation

Schedule 800

Original Sheet 800.13

P.U.C. OR. No. 10

June 1, 2017

Utility Division

Received by OPUC

CNG/017-04-01

Issued April 7, 2017
6. **Biogas Produce-own Monitoring Equipment**

The Biogas Produce shall install, maintain, and operate equipment designed to test the Biogas automatically in the event that the Biogas does not meet Biogas Quality Standards. This is in addition to the requirements established above in Pre-Installation Monitoring Section.

The Company may inspect the Biogas Produce's monitoring equipment during design, construction, and operation; provided that nothing herein shall be construed to impose any obligations on the Company to inspect such equipment or to undertake to inspect such equipment. The Company's inspections of Biogas Produce's equipment shall be conducted in a manner consistent with the requirements established above in Pre-Installation Monitoring Section.

Within ten (10) business days following execution of the Biogas Receipt Service Agreement, the Biogas Produce shall provide to the Company a list of all equipment and monitoring equipment used by the Biogas Produce to monitor and confirm that Biogas meets the Biogas Quality Standards. The Company shall consult with the Biogas Produce before adding, removing, or modifying any of the Biogas Receipt Service Agreement.

Within ten (10) business days following any additions to or modifications of the Monitoring Equipment, the Company shall provide the Biogas Produce with an updated list of all additions thereto.
(continued)

The Biomethane Producer shall provide the Company with the Company's reasonable request:

1. Equipment, at a minimum, in accordance with the manufacturer's recommended specifications.

2. Maintenance of any equipment provided by the Company and any equipment provided by the Company's customers.

3. Any information on the Company and any change to the Biomethane Producer's equipment that may affect its performance or operation.

4. Any information on the Company's customers that may affect the performance or operation of the equipment.

5. Any changes to the equipment provided by the Company or any equipment provided by the Company's customers.

6. Any other information that may affect the performance or operation of the equipment.

The Biomethane Producer shall provide the Company with the Company's reasonable request:

1. Equipment, at a minimum, in accordance with the manufacturer's recommended specifications.

2. Maintenance of any equipment provided by the Company and any equipment provided by the Company's customers.

3. Any information on the Company and any change to the Biomethane Producer's equipment that may affect its performance or operation.

4. Any information on the Company's customers that may affect the performance or operation of the equipment.

5. Any changes to the equipment provided by the Company or any equipment provided by the Company's customers.

6. Any other information that may affect the performance or operation of the equipment.
For services rendered may result in customization of services. Provide information in a timely manner, failure to provide access in a timely manner, and failure to pay schedule or the Biotranhave service agreement. Including the not limited to failure to also, any failure by the Biotranhave product to comply with the terms and condition of service in this

Biotranhave receipt service under this schedule, fulfillment: The Company will not be liable for damages occasioned by partial or total fulfillment of failing for Biotranhave to meet the minimum gas quality standards, and standards or unsatisfactory fulfillment

The Company may curtail receipt services without notice for reasons including, but not limited to, reasons including force majeure, safety.

CURTAILMENT OF BIOTRANHAVE RECEIPT SERVICES

source of the biogas obligation on the Company to review or approve any additions or modifications to the feedstock above in Pre-Information Monitoring Section. Nothing herein shall be construed to impose any cause the Company to reject any Biotranhave product that meets the requirements established by the Company or feedstock or to require the Company to reject any new biogas source, and the possible improve on the quality of the Biotranhave delivered to Company. The change to feedstock may provide the Company with relevant information related to the new biogas source and the possible changes to the required feedstock source. Any planned or unplanned modification or modifications to the Biotranhave product will notify the Company in advance if possible, but in no case more than 10 days before delivery.

7. Changes to Feedstock

- Performed the maintenance of calibration.
- G. A tracking number for such maintenance or calibration (or the name of the technician that procedures, as the case may be).
- C. As found "calibration results.
- B. Maintenance conducted (if any)?
- A. Next scheduled maintenance or calibration due, the Maintenance Electricals by the Maintenance Electricals (based on the

Biotranhave Product-Sourced Monitoring Equiment (continued)

BIOTRANHAVE RECEIPT SERVICES

Schedule 800

Original Sheet 800.A.1E

Cascade Natural Gas Corporation
(continued)

will be different from services provided in this schedule. The Company's purchase of the Biomethane will occur under a separate agreement and delivery schedule. The Company chooses to buy the gas for service at its customer receipt point for the Biomethane as the Company in no instance owns the gas as part of the service. There is no custody transfer point for the Biomethane at the Company in no instance occurs. The Company's receipt point shall be the point at which receipt service occurs. There is no custody transfer point for service to the 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 service to the customer receiving service under Schedule 163.

Special Conditions

Biomethane Production of Ten Percent (10%) or more or an amended Biomethane Receipt Service Agreement is required prior to an increase in annual increases in Biomethane Production

may be terminated without further notice. Without written notice from the Company or the Company's receipt service under this Schedule, the Company maintains the right to any time and the Biomethane for compliance to the minimum.

Right To Audit

Biomethane Quality Processing Equipment

Biomethane Receipt Services Schedule 800

Original Sheet 800.4

P.U.C. OR. No. 10

Cascade Natural Gas Corporation

First Revision of Sheet 800.4

Cascase Natural Gas Corporation
time, and by the applicable Bioethane Receipt Services Agreement.

Schedules By all the rules and regulations prescribed by regulatory authorities as amended from time to time, and other schedules that by their terms or by the terms of this Schedule apply to service under this Service under this Schedule is governed by the terms of this Schedule, the rules contained in this Tariff,

GENERAL TERMS

At its sole option, remove or refuse to place in place any of all Company-owned facilities.

Identification in the Bioethane Receipt Service Agreement, Upon Termination of Service, the Company may, by notice to the Lessee, terminate the order or service. No Service to be effective on the Company's or the Lessee's behalf under this Schedule shall be provided without notice of the effective date established in the

TEAM OF SERVICE

enforced and any breach, default or failure, or any attempt or promise of a breach, default, or failure, or any breach of Bioethane Receipt Services Agreement or the Company's obligations under this Schedule, the Bioethane Producer's obligations shall be satisfied and immediately cease.

9. The Company may terminate Service under this Schedule if the Bioethane Producer is not in full compliance with any Environmental Law.

8. The Company may terminate Service under this Schedule if the Bioethane Producer is not in full compliance with the Bioethane Receipt Services Agreement.

7. The Bioethane Producer shall defend and indemnify the Company and hold it harmless from all claims, losses, costs, losses, expenses, damages, or any other claims or damages arising from or related to any

6. The available Bioethane Capped for any particular day may be affected by physical flows from other companies, such action is necessary to bring into balance the Company's distribution system.

5. The Company will have the right to adjust a Bioethane Producer's daily nomination when in the Company's sole judgment, such action is necessary to bring into balance the system or otherwise.

4. The Company's dispatch plan or coordination should be protected by an encased and locked fence.

SPECIAL CONDITIONS (continued)

Bioethane Receipt Services

Schedule 800

CASCADENATURALGASCORPORATION

PUC OR 60.10

Original Sheet 800.18