

NATURAL GAS TAP AGREEMENT

Exhibit "H"

Gas Quality Specifications

- I. All gas delivered by Producer to the Operator shall have a total dry heating value of not less than 1000 BTU per cubic foot, and not more than 1100 BTU per cubic foot. The gas delivered shall be commercially free from objectionable odors, except as set forth in paragraph III, dust or other solid or liquid matters which might interfere with the merchantability of the gas or cause injury to or interference with proper operation of the lines, regulators, meters, or other appliances through which the gas flows.
- II. At a pressure of 14.73 psia and a temperature of Fahrenheit (60°F), gas received by the Operator shall not contain more than the following:
 - (a) Hydrogen Sulfide: One quarter (1/4) grain per one hundred (100) cubic feet.
 - (b) Total Sulfur: One (1) grain per one hundred (100) cubic feet.
 - (c) Carbon Dioxide: Three percent (3%) by volume
 - (d) Ammonia: Shall not exceed 5 grains of ammonia per one hundred (100) cubic feet
 - (e) Water Content: Seven (7) pounds per one million (1,000,000) cubic feet.
 - (f) Flowing Gas Temperature: Not to be less than thirty degrees Fahrenheit (30°F) or more than one hundred and ten degrees Fahrenheit (110°F).
 - (g) Hydrocarbon Dewpoint: Shall not exceed fifteen degrees Fahrenheit (15°F) at any pressure between one hundred (100) psia and one thousand (1000) psia as calculated from gas composition or otherwise determined.
 - (h) Oxygen Content: Two tenths percent (0.2%) by volume.
 - (i) Total non-combustible gases (Carbon Dioxide, Nitrogen, Oxygen): Five percent (5%) by volume.
 - (j) Hydrogen (H₂): Two tenths percent (0.2%) by volume.
 - (k) Siloxanes (Si): Five tenths (0.5) milligram per cubic meter.
 - (l) Mercury: less than six-hundredths (0.06) micrograms per cubic meter.
 - (m) Volatile Metals: less than two hundred (200) micrograms per cubic meter.
 - (n) PCB/Pesticides: less than one part per billion by volume.
 - (o) Mercaptans: (prior to odorization) - less than 1 part per million by volume.
 - (p) Dust, Gums, etc.: Shall be free of objectionable odors, dust, dirt, gum-forming constituents, water, and other liquid or solid mater, or water and hydrocarbons in liquid form at the temperature and pressure at which it is received by the Operator, which might interfere with its marketability or cause injury to or interference with proper operation of the lines, regulators, meters and other equipment of the Operator.
 - (q) Toxic Substances: No toxic or other substances including volatile and semi-volatile organics and Aldehydes and Ketones commonly associated with biogas odors that are not ordinarily part of a natural gas stream.

- (r) Total Bacteria: less than two tenths (0.2) microns removed utilizing appropriate filtration equipment.
- III. All gas delivered by Producer to the Operator shall be adequately odorized in accordance with the specifications attached to this Exhibit. Producer shall use the Operator compatible odorant so as to render it readily detectable by the public and employees of Operator at all gas-in-air concentrations of one-tenth of the lower explosive limit and above, unless otherwise specified in Schedule 1, as modified. Producer shall indemnify the Operator against any claims associated with any failure to adequately odorize said gas.
- IV. Gas interchangeability: The gas shall be interchangeable with the gas in the receiving pipeline. Interchangeability shall be in accordance with NYCRR Part 229.
- V. Gas quality constituents and flow rates must be monitored to ensure the gas is meeting the agreed-upon quality specifications utilizing on-line instrumentation for essential parameters. Producer shall prepare a gas quality management plan containing a mutually agreeable sampling and constituents of concern (COC) testing schedule prior to placing Producer's facility in-service, while facilities are in-service and actions if COCs values rise above specification limits. The plan should also include monitoring requirements, procedures, test methods and detection thresholds to ensure compliance, response actions and corrective actions and data retention schedules. COC testing, when required should be performed by a mutually agreed upon third party analytical laboratory service provider using mutually agreeable standard sampling and testing methods at the full expense of Producer.
- VI. Non-conformance: If the gas offered for delivery shall fail at any time to conform to any of these quality provisions, then Operator shall notify Producer, and Operator may, at its option, refuse to accept delivery pending correction.
- VII. This Exhibit may be modified at the Operator's discretion to meet the quality specifications needed to effectively and safely operate the Operator's System.