

GENERAL TERMS AND CONDITIONS

gas sample collected daily during the month, or any other method mutually agreed upon. Such chromatographs shall be owned, operated and maintained by Northern at representative locations on Northern's transmission system, or as agreed upon.

The heating value of the natural gas received by Northern from its various sources of supply and of gas received for transportation will vary. However, Northern will operate its system such that the heating value will not fall below 950 Btu per cubic foot.

The unit of volume "at 1,000 Btu per cubic foot" or "as adjusted to 1,000 Btu per cubic foot" shall mean one cubic foot of gas as defined above and having an average total heating value of one thousand (1,000) British Thermal Units. Such units of volume shall be determined by multiplying the number of cubic feet of gas delivered during any billing day by the factor arrived at by dividing the average total heating value per cubic foot delivered on the previous day by 1,000 unless otherwise agreed to by Northern.

To the extent that Northern does not have chromatograph information for a Field Area point, and if the Btu changes after the 20th of the production month, such Btu change will not become effective until the beginning of the following month. If the Btu changes during the period from the first of the month through the 20th, such Btu change can be effective for the beginning of such month.

Supercompressibility. Determination of supercompressibility of natural gas shall be calculated from chromatographic analysis of gas samples taken at representative points as determined by Northern.

Gas Sampling and Analysis. Gas samples may be obtained and analyzed by one of the following methods:

Portable Chromatograph. Chromatographic analysis of a spot sample of gas taken at a representative location and analyzed on site by means of a portable gas chromatograph.

Spot Sample. Spot sample of gas taken at a representative location using a sample bottle and analyzed using a gas chromatograph at a location remote from the sampling location.

Continuous Sample. Sampling continuously into a sample bottle for a period of time at a representative location