



Northern Border Pipeline Company

December 13, 2012

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Northern Border Pipeline Company
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Re: Northern Border Pipeline Company
Compliance Filing
Docket No. RP13-54-001

Dear Ms. Bose:

Pursuant to Section 4 of the Natural Gas Act and Part 154 of the Federal Energy Regulatory Commission's ("FERC" or "Commission") regulations,¹ and in compliance with the Commission order issued November 28, 2012 in Docket No. RP13-54-000 ("NAESB 2.0 Order"),² Northern Border Pipeline Company ("Northern Border") respectfully submits for filing the revised tariff sections³ listed in Appendix A to be part of its FERC Gas Tariff, Second Revised Volume No. 1 ("Tariff"). Northern Border respectfully requests that the Commission accept the revised tariff sections, included herein at Appendix A, to be effective December 1, 2012.

Correspondence

The names, titles, and mailing addresses of the persons to whom correspondence and communications concerning this filing should be directed as follows:

¹ 18 C.F.R. Part 154 (2012).

² *Northern Border Pipeline Company*, RP13-54-000 (November 28, 2012) (unpublished Director's letter order).

³ Specifically, Part 6.1 – GT&C, Definitions, v. 3.1.0 ("Section 6.1"); and Part 6.35 – GT&C, Data Elements, v. 3.1.0 ("Section 6.35").

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Statement of Nature, Reasons and Basis for Filing

On October 1, 2012, in Docket No. RP13-54-000, Northern Border filed certain tariff records to reflect the implementation of North American Energy Standards Board (“NAESB”) Version 2.0 standards, in compliance with FERC Order No. 587-V,⁴ to become effective December 1, 2012 (“October 1, Filing”). In its NAESB 2.0 Order, the Commission stated that the tariff records generally complied with Order No. 587-V and accepted the proposed tariff records subject to Northern Border filing revised tariff records within 15 days of the date of the NAESB 2.0 Order.

Specifically, the Commission ordered Northern Border to file revised tariff records to: (1) change the reference from NAESB Standard “1.3.2” to “1.3.2(i-v)” in the section titled “Standards not Incorporated by Reference and their Location in Tariff;” (2) include NAESB Standards 1.3.19, 3.3.25, 4.2.1, and 4.3.97 in its Tariff; and (3) revise its Tariff to either incorporate NAESB Standard 1.3.31 by reference or include it in the text of its Tariff, as it is currently listed in Section 6.35 in both the section titled “Standards not Incorporated by Reference and their Location in Tariff” and in the section titled “Standards Incorporated by Reference.”

To comply with the Commission’s directives set forth in the NAESB 2.0 Order, Northern Border is filing revised Section 6.35 to reflect NAESB Standard “1.3.2” as “1.3.2(i-v)” and to include NAESB Standards 3.3.25 and 4.2.1 in the section titled “Standards not Incorporated by Reference and their Location in Tariff.” Additionally, Section 6.35 has been revised to include

⁴ *Standards for Business Practices of Interstate Natural Gas Pipelines, Order No. 587-V*, 140 FERC ¶ 61,036 (2012) (“Order No. 587-V”).

NAESB Standards 1.3.19 and 4.3.97 and to remove the reference to NAESB Standard 1.3.31 in the section titled “Standards Incorporated by Reference.” In conjunction with listing NAESB Standard 4.2.1 in Section 6.35, Northern Border is also updating the definition contained in Section 6.1.47⁵ consistent with the verbiage in NAESB Standard 4.2.1.⁶

Effective Date

Northern Border requests that the Commission accept the tariff sections listed in Appendix A to be effective December 1, 2012. Northern Border requests the Commission grant all necessary waivers of its regulations in order to accept this filing and approve the tariff sections to be effective as requested herein.

Other Filings Which May Affect This Proceeding

There are no other filings before the Commission that may be significantly affect the changes proposed herein.

Contents of Filing

In accordance with Sections 154.7 and 154.201 of the Commission’s regulations, Northern Border is submitting the following XML filing package, which includes:

- 1) This transmittal letter;
- 2) Clean tariff section (Appendix A); and
- 3) Marked tariff section (Appendix B).

Certificate of Service

As required by Sections 154.7(b) and 154.208 of the Commission’s regulations, copies of this filing are being served upon all of Northern Border’s existing customers and interested state regulatory agencies. A copy of this letter, together with the enclosed tariff section, is available during regular business hours for public inspection at Northern Border’s principal place of business.

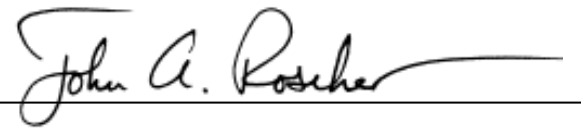
⁵ Definition 47 – Informational Postings.

Pursuant to Section 385.2005 and Section 385.2011, the undersigned has read this filing and knows its contents, and the contents are true as stated, to the best of his knowledge and belief. Additionally, the undersigned possesses full power and authority to sign such filing.

Any questions regarding this filing may be directed to Joan Collins at (832) 320-5651.

Respectfully submitted,

NORTHERN BORDER PIPELINE COMPANY
BY: TRANSCANADA NORTHERN BORDER INC., ITS OPERATOR

A handwritten signature in black ink, reading "John A. Roscher", is written over a horizontal line. The signature is cursive and includes a long horizontal flourish extending to the right.

John A. Roscher
Director, Rates & Tariffs

Enclosures

⁶ Northern Border inadvertently failed to update language that was revised in NAESB version 1.8, Order No. 587-T. *Standards for Business Practices of Interstate Natural Gas Pipelines, Order No. 587-T*, 126 FERC ¶ 61,129 (2009).

Appendix A

Northern Border Pipeline Company – Northern Border Tariffs *FERC Gas Tariff, Second Revised Volume No. 1*

Clean Tariff

<u>Section Description</u>	<u>Version</u>
6.1 – GT&C, Definitions	v.3.1.0
6.35 – GT&C, Data Elements	v.3.1.0

6.1. DEFINITIONS

The following terms, when used in this Tariff or in an Agreement, shall have the following respective meanings:

1. The term "Account Holder" shall mean a party using the services of Company or a Third Party Account Administrator under a contract or other arrangement with the Title Transfer Tracking Service Provider. [1.2.18]
2. The term "Agreed Maximum Receipt Quantity" shall be equal to the Maximum Receipt Quantity included in the Service Agreement less the total receipt quantity released at a point pursuant to a Capacity Release Offer Agreement and Capacity Release Bid Agreement.
3. The term "Agreement" shall mean, at any time with respect to any Shipper or Buyer, an executed Agreement, Service or Transportation Agreement for firm or interruptible service under this Tariff made by and between Company and such Shipper or Buyer.
4. The term "Backhaul" shall mean any transportation service where the gas to be delivered at Shipper's Point of Delivery is upstream on the Northern Border facilities of where the gas is to be received from Shipper at the Shipper's Point of Receipt. Backhaul transportation service will be available only to the extent that Forwardhaul volumes are received into Company's system on the same day upstream of or at the designated Point of Delivery and are required to be delivered out of Company's system downstream of or at the designated Point of Receipt for the backhaul such that the service can be provided.
5. The term "Balanced Point" shall mean a nominatable non-physical point on Company's system that facilitates the aggregation of quantities of gas to be delivered at a Variable Load Point with quantities of gas to be delivered at certain agreed upon physical interconnections under Rate Schedule TPB. Any operational imbalance is recognized at the Balanced Point. The Balanced Point shall be located adjacent to the farthest downstream milepost of the physical interconnection(s) which includes the Variable Load Point, as specified on Exhibit A of a Third Party Balancing Service Agreement.
6. The term "Balancing Provider" is a party performing a third-party balancing service pursuant to Rate Schedule TPB.
7. The term "Best Bid" shall mean the Bid(s) which is determined to be the best using the applicable evaluation methodology.

8. The term "Bid" shall mean the terms pursuant to which (1) a potential Replacement Shipper is willing to acquire firm capacity which has been offered or (2) a Person is willing to take uncommitted pipeline capacity.
9. The term "Bid Closing Date" shall mean the date by which a Bid must be received to be a valid Bid and included in the evaluation and awarding of Bids.
10. The term "Billing Commencement Date" shall mean the date of the Gas Day when a Shipper's service and payment obligation commences. The Billing Commencement Date for any Shipper receiving transportation as a result of placing into service the construction of new facilities shall occur when Company informs such Shipper by at least one day's notice that there is capability, to receive gas at Shipper's Point of Receipt and to make related deliveries of gas at Shipper's Point of Delivery, all in accordance with the provisions of Shipper's Service Agreement.
11. The term "billing month" shall mean the month following the Production Month and beginning at 9:00 a.m., Central Clock Time on the first day of a calendar month and ending at 9:00 a.m., Central Clock Time on the first day of the next succeeding calendar month.
12. The term "Btu" shall mean one (1) British thermal unit, the amount of heat required to raise the temperature of one (1) pound of water one (1) degree Fahrenheit from fifty-eight and one-half (58.5) degrees Fahrenheit to fifty-nine and one-half (59.5) degrees Fahrenheit. (Btu is measured on a dry basis at 14.73 psia.)
13. The term "Btu Adjusted Maximum Delivery Quantity" shall mean the volume of gas shown as the Maximum Delivery Quantity for a Point of Delivery in Exhibit A of the Shipper's Service Agreement multiplied by the Posted Btu Factor for such point except in the case of firm Shippers participating in the release program. For those Shippers, Btu Adjusted Maximum Delivery Quantity shall be Maximum Delivery Quantity for such point on Shipper's Exhibit A reduced by the total volume released by that Shipper at that point and multiplied by the Posted Btu Factor for such point.
14. The term "Btu Adjusted Maximum Receipt Quantity" shall mean the volume of gas shown as the Maximum Receipt Quantity for a Point of Receipt in Exhibit A of the Shipper's Service Agreement multiplied by the Posted Btu Factor for such point except in the case of firm Shippers releasing capacity for service pursuant to Rate Schedule T-1 or Rate Schedule T-1B. For those Shippers, Btu Adjusted Maximum Receipt Quantity shall equal the Agreed Maximum Receipt Quantity multiplied by the Posted Btu Factor for such point.

15. The term "business day" shall mean Monday through Friday, excluding Federal Banking Holidays for transactions in the United States and similar holidays for transactions occurring in Canada and Mexico.
16. The term "Buyers" shall mean, at any time, the Persons which have entered into certain Agreements for services with Company which are then in effect; and the term "Buyer" shall mean one of such Persons.
17. The term "Calendar Day" shall mean any day, excluding Federal Banking Holidays for transactions in the United States and similar holidays for transactions occurring in Canada and Mexico. Company shall provide advanced notification of such observed holidays.
18. The term "Calendar Month" shall mean one of the twelve named divisions of a calendar year according to the Gregorian calendar which shall commence on the first Calendar Day of such Calendar Month and end on the last Calendar Day of such Calendar Month.
19. The term "calendar year" shall mean the period from 9:00 a.m., Central Clock Time on January 1 of any year to 9:00 a.m., Central Clock Time on January 1 of the next succeeding year.
20. The term "Ccf" shall mean one hundred cubic feet of natural gas measured at Standard Reference Conditions.
21. The term "cf" shall mean one cubic foot of natural gas measured at Standard Reference Conditions.
22. The term "CCT" shall mean Central Clock Time.
23. The term "Company" shall mean Northern Border Pipeline Company, a "Service Provider" pursuant to NAESB WGQ Standards.
24. The term "Company Use Gas" for any period shall mean the total quantity of gas, including but not limited to gas used as fuel or for testing and gas lost or otherwise unaccounted for, used by Company in its gas operations during such period, as determined by Company.
25. The term "Company Use Gas Imbalance" shall mean the difference between actual Company Use Gas and estimated Company Use Gas for the same period.
26. The term "Company Use Gas Percentage" shall be the deemed fuel percentage of scheduled receipt nominations for transportation from Point of Receipt to Point of Delivery. This percentage will be determined on a dekatherm-mile basis and posted

six business days prior to the end of the month preceding the month to which it is applicable. This percentage will be an estimate of what Company anticipates will be necessary to transport quantities from each receipt point to each delivery point and will include any Company Use Gas Imbalance from a prior period. The Company Use Gas Percentage will be reviewed monthly and will apply only to forwardhaul quantities.

27. The term "Confirmation Requester" shall mean a Service Provider (including a Point Operator) which is seeking to confirm a quantity of gas via the information outlined in NAESB WGQ Standard 1.4.3 with another Service Provider (the Confirming Party) with respect to a nomination at a location. [1.2.8]
28. The term "Confirming Party" shall mean a Service Provider (including a Point Operator) which provides a confirmation for a quantity of gas via the information outlined in NAESB WGQ Standard 1.4.4 to another Service Provider (the Confirmation Requester) with respect to a nomination at a location. The term "Confirming Parties" shall mean the Confirmation Requester and the Confirming Party. [1.2.9] [1.2.10]
29. The term "Contract Dekatherm-miles" relative to a Shipper's Rate Schedule T-1 or Rate Schedule T-1B Service shall mean the number calculated by (a) multiplying Shipper's Maximum Receipt Quantity by the number of miles of Company's pipeline, as shown on Exhibit A to the Service Agreement, (b) converting such product from (a) to Dekatherm-miles by multiplying by the Posted Btu Factor, and (c) multiplying the product in (b) by the number of days for a respective time period (i.e. monthly, annually, or for the term of the Service Agreement).
30. The term "Customer Activities" shall mean the business function categories related to Nominations, Flowing Gas, Invoicing, Capacity Release, Contracts and other business functions on industry web sites. [4.2.10]
31. The term "Daily Contract Dekatherm-miles" shall mean the amount of Shippers Contract Dekatherm-miles on a 100 Dekatherm-miles basis per day.
32. The term "Daily Delivery Quantity" of a Shipper for any day shall mean such Shipper's Btu Adjusted Maximum Delivery Quantity for a Point of Delivery or such lesser quantity as Company shall from time to time determine, with not less than four hours' notice thereof to Shipper, on a basis which reflects seasonal variations in the capacity of Company's facilities and reductions in the capacity of such facilities resulting from maintenance operations and does not discriminate among Shippers.
33. The term "Dekatherm" (Dth) shall mean a unit of heating value. The standard quantity for nominations, confirmation and scheduling is dekatherms per gas day in the United States, gigajoules per gas day in Canada and gigacalories per gas day in

Mexico. (For reference 1 dekatherm = 1,000,000 Btu's; and 1 gigajoule = 1,000,000,000 joules; and 1 gigacalorie = 1,000,000,000 calories.) For commercial purposes, the standard conversion factor between dekatherms and gigajoules is 1.055056 gigajoules per dekatherm and between dekatherms and gigacalories is 0.251996 gigacalories per dekatherm. The standard Btu is the International Btu, which is also called the Btu(IT); the standard joule is the joule specified in the SI system of units. (The International Btu is specified for use in the gas measurement standards of the American Gas Association, the American Petroleum Institute, the Gas Processors Association and the American Society for Testing Materials. For non-commercial purposes, these associations note that the exact conversion factor is 1.05505585262 Gigajoules per Dekatherm.) Daily Dekatherms shall be the quantity units used by Company for nominations, confirmations, scheduling, allocating, and imbalance activity. [1.3.14]

34. The term "Dekatherm-miles", relative to a Point of Receipt and Delivery for a Shipper, shall mean an amount determined by multiplying the quantity of gas received by Company from Shipper at such Point of Receipt for delivery to the designated Point of Delivery by the actual pipeline mileage between such Point of Receipt and the Point of Delivery. The term "Contract Dekatherm-miles" is defined elsewhere in this Section 6.1 and does not incorporate the "Dekatherm-miles" meaning contained herein.
35. The term "Designated Replacement Shipper" shall mean the Person who has been designated by the Releasing Shipper as the Replacement Shipper for the capacity being released.
36. The term "Elapsed Prorata Capacity" or "EPC" shall mean that portion of the capacity that would have theoretically been available for use prior to the effective time of the intra-day recall based upon a cumulative uniform hourly use of the capacity. [5.2.3]
37. The term "elapsed-prorated-scheduled quantity" shall mean that portion of the scheduled quantity that would have theoretically flowed up to the effective time of the intra-day nomination being confirmed, based upon a cumulative uniform hourly quantity for each nomination period affected. [1.2.12]
38. The term "Electronic Data Interchange" (EDI) shall mean the computer-to-computer exchange of business documents and information through the use of standard document formats. As a prerequisite for using EDI in place of conventional paper-based documents, user will be required to execute an EDI/EDM trading partner agreement as adopted from the NAESB WGQ EDI trading partner agreement.

39. The term "Entity" shall be a person or organization with sufficient legal standing to enter into a contract or arrangement with another such person or organization (as such legal standing shall be determined by those parties) for the purpose of conducting and/or coordinating natural gas transactions. [0.1.1]
40. The term "Federal Energy Regulatory Commission" or "FERC" shall mean the Federal Energy Regulatory Commission of the United States of America or any other tribunal or Person which may hereafter exercise the functions now exercised by that Commission with respect to Company.
41. The term "Forwardhaul" shall mean any transportation service where the gas to be delivered at Shipper's Point of Delivery is downstream on the Company's facility from location at which gas is to be received from Shipper at the Shipper's Point of Receipt.
42. The term "gas" shall mean natural gas, manufactured, artificial or synthetic gas, or any mixture or combination thereof.
43. The term "Gas Day" shall mean a period beginning and ending at 9:00 a.m., Central Clock Time. The reference date for any day shall be the date of the beginning of such day.
44. The term "General Terms and Conditions" shall mean, at any time, these General Terms and Conditions as from time to time amended or supplemented.
45. The term "gross heating value", shall mean gross heating value dry as determined by the total calorific (heating) value, in British thermal units, Btu, of the amount of any dry gas which would occupy a volume of one standard cubic foot, based on 14.73 Psia and 60 degrees F. The total, or gross, calorific value represents the Btus evolved by the complete combustion, at constant pressure, of one standard cubic foot of any dry gas with air, the temperature of the gas, air, and products of combustion being 60 degrees F, and all water formed by the combustion reaction being condensed to the liquid state.
46. The term "Historical Flow Quantity" (HFQ) for a given Point of Interconnection shall be the lesser of the average daily scheduled quantity for the previous 15 consecutive Gas Days or the actual average daily metered flow quantity for such time period.
47. The term "Information Postings" identifies common information as specified in Standard 4.3.23. [4.2.1]
48. The term "In-Direction" shall mean a nomination line item that has a nominated flow direction in the same direction as the contractual Transportation Path.

49. The term "Interconnected Party" shall mean the Person who is directly connected to Company's facilities at a physical Point of Receipt or a physical Point of Delivery.
50. The term "IT-1 Shippers" shall mean at any time the Shippers which have entered into IT-1 Transportation Agreements with Company which are then in effect; and the term IT-1 Shipper shall mean one of such Persons.
51. The term "IT-1 Transportation Agreement" shall mean at any time with respect to any IT-1 Shipper, an executed IT-1 Transportation Agreement for service under this Tariff made by and between Company and such IT-1 Shipper which is then in effect.
52. The term "Lending Point" relative to a Buyer shall mean the Lending Points as shown or referenced on Exhibit A to such Buyer's PAL Agreement where such Buyer can borrow gas quantities on Company's system pursuant to such Agreement.
53. The term "Maximum Balancing Quantity" shall mean the maximum Dekatherms per day quantity of gas authorized by Balancing Provider to Company to deliver to the Variable Load Point on an instantaneous basis as detailed on Exhibit A of the Third Party Balancing Service Agreement.
54. The term "Maximum Commodity Rate" shall mean the Maximum Commodity Rate for each respective Rate Schedule as shown on the Statement of Rates. All tariff rates shall be adjusted to reflect a standard calculation of daily and monthly rates. [5.3.23]
55. The term "Maximum Delivery Quantity" relative to a Point of Delivery to a Shipper for any day shall mean the volume of gas shown as the Maximum Delivery Quantity for such Point of Delivery on Exhibit A to such Shipper's Service Agreement.
56. The term "Maximum Park and Loan (PAL) Quantity" shall mean the Dekatherms of gas shown as the Maximum Park and Loan (PAL) Quantity that is relative to the Parking Points and Lending Points shown on Exhibit A to a Buyer's PAL Agreement.
57. The term "Maximum Rate" applicable to Rate Schedules T-1 and T-1B shall mean the sum of the applicable Maximum Daily Reservation Rate and the applicable Maximum Commodity Rate as shown on the Statement of Rates.
58. The term "Maximum Receipt Quantity" relative to a Point of Receipt from a Shipper for any day shall mean the volume of gas shown as the Maximum Receipt

- Quantity for such Point of Receipt on Exhibit A to such Shipper's Service Agreement.
59. The term "Maximum Reservation Rate" shall mean the applicable daily maximum reservation rate for each respective Rate Schedule as shown on the Statement of Rates.
 60. The term "Mcf" shall mean 1000 cubic feet of gas measured at Standard Reference Conditions.
 61. The term "Measurement Party" shall mean the Person who is primarily responsible for measurement of gas volumes at a physical Point of Receipt into or a physical Point of Delivery out of Company's pipeline system.
 62. The term "MMcf" shall mean 1,000,000 cubic feet of natural gas measured at Standard Reference Conditions.
 63. The term "Minimum Commodity Rate" shall mean the Minimum Commodity Rate for each respective Rate Schedule as shown on the Statement of Rates.
 64. The term "Minimum Rate" shall mean the Minimum Commodity Rate as shown on the Statement of Rates for the applicable Rate Schedules.
 65. The term "NAESB" shall mean North American Energy Standards Board.
 66. The term "Negotiated Rates" shall mean a rate or formula for computing a rate for Transportation service which may be greater than, equal to or less than the Recourse Rate, but which may not be less than the Minimum Commodity Rate set forth on the Statement of Rates. A Negotiated Rate must be mutually agreed upon by Company and Shipper for a specific time period and may be based on a rate design other than the rate design used to compute Company's currently effective Recourse Rate.
 67. The term "Netting" shall describe the process of resolving imbalances for a Shipper or its Agent within an Operational Impact Area. Company shall recognize two types of Netting: summing and offsetting. Summing is the process of accumulation of all imbalances above any applicable tolerance for a Shipper or its Agent. Offsetting is the process of combining positive and negative imbalances above any applicable tolerance for a Shipper or its Agent. [2.2.3]
 68. The term "Nominating Party" shall mean a Shipper, or its Nominating Agent (one who has been pre-designated by Shipper to serve in such role). If a Shipper elects to use a Nominating Agent for a given Agreement, the agent replaces the Shipper as

the sender of nomination information as well as the receiver of nomination-related information from Company for such Agreement.

69. The term "Nomination Day" shall mean one day prior to Gas Day.
70. The term "Non-OBA Point" shall mean a point of receipt or delivery where no Operational Balancing Agreements are in effect.
71. The term "OBA Point" shall mean a point of receipt or delivery where an Operational Balancing Agreement is in effect between Company and the upstream or downstream pipeline to administer interconnect balancing.
72. The term "Offer" shall mean the terms pursuant to which a Releasing Shipper is willing to release firm transportation capacity.
73. The term "Operational Balancing Agreement" (OBA) shall mean the contract between Company and party which specifies the procedures to manage operating variances at an interconnect. [2.2.1]
74. The term "Operational Flow Order" (OFO) shall be an order issued to alleviate conditions, inter alia, which threaten or could threaten the safe operations or system integrity of Company's system or to maintain operations required to provide efficient and reliable service. Whenever Company experiences these conditions, any pertinent order shall be referred to as an OFO. [1.2.6]
75. The term "Operational Impact Area" shall mean the largest possible area(s) on Company's system in which imbalances have a similar operational effect. For imbalance resolution, Company shall designate its entire pipeline system as a single Operational Impact Area. [2.2.2]
76. The term "Out-of-Direction" shall mean a nomination line item that has a nominated flow direction opposite of the contracted Transportation Path direction.
77. The term "Overdelivery" shall mean the quantity of gas that results when Shipper delivers or causes to be delivered to Company a quantity of gas which, less Shipper's share of estimated Company Use Gas, is greater than the quantity of gas delivered out of Company's system for Shipper's account.
78. The term "Package ID" shall mean a NAESB WGQ defined mutually agreeable data element provided to differentiate between discrete business transactions. [1.2.5]

79. The term "Parking Point" relative to a Buyer shall mean the Parking Points as shown or referenced on Exhibit A to such Buyer's PAL Agreement where such Buyer can park gas quantities on Company's system pursuant to such Agreement.
80. The term "PDA" shall mean pre-determined allocation, which is the allocation method agreed to by the allocating and allocated parties at a point prior to gas flow.
81. The term "Person" shall mean an individual, a corporation, a partnership, an association, a joint venture, a trust, an unincorporated organization or a government or political subdivision thereof; and pronouns shall have a similarly extended meaning.
82. The term "Point of Delivery" relative to a Shipper shall mean the Points of Delivery posted on Company's Informational Postings web site for delivery of gas to such Shipper.
83. The term "Point of Interconnection" shall mean those locations where Company is physically connected to an Interconnected Party.
84. The term "Point of Receipt" relative to a Shipper shall mean the Points of Receipt posted on Company's Informational Postings web site for receipt of gas from such Shipper.
85. The term "pooling" shall mean (1) the aggregation of gas from multiple physical and/or logical points to a single physical or logical point, and/or (2) the disaggregation of gas from a single physical or logical point to multiple physical and/or logical points. [1.2.3]
86. The term "Posted Btu Factor" shall mean the factor by contract for capacity, utilized to convert a volume of gas in Mcf's to an equivalent thermal quantity in Dekatherms for scheduling and billing purposes. Such factor shall be derived by calculating the average Btu factor at each of Company's Point(s) of Receipt for the twelve month period ending the last day of February of each year. The updated Btu factor will be noticed on Company's Informational Postings site by receipt point and posted under Company's Customer Activity site by each currently effective Rate Schedule T-1 U.S. Shipper's Agreement annually by March 15 of each year to be effective April 1 of each year.
87. The term "Production Month" shall mean the period of actual gas flow preceding the billing month and beginning at 9:00 a.m., Central Clock Time on the first day of a calendar month and ending at 9:00 a.m., Central Clock Time on the first day of the next succeeding calendar month.
88. The term "psia" shall mean pounds per square inch, absolute.

89. The term "psig" shall mean pounds per square inch, gauge.
90. The term "Quick Response" shall mean the initial response made by Company to recognize the receipt of an EDI-based nomination. Such response will be made in accordance with NAESB WGQ standards.

In addition, Company shall recognize the receipt of non-EDI delivered nominations; EBB-based, fax, or telephone, at the time they are fully transmitted. A transmission failure shall be the Nominating Party's indication that the non-EDI nomination has not been fully delivered to Company.

91. The term "rate commitment" shall mean the revenue committed to Company for each separate transaction for the term of the effective PAL service option.
92. The term "Rate Schedules" shall mean all of the Rate Schedules of Company on file with the Federal Energy Regulatory Commission and in effect.
93. The term "Recourse Rate" shall mean the stated maximum reservation charge and/or maximum commodity rate applicable to each respective Rate Schedule set forth on the Statement of Rates.
94. The term "Releasing Shipper" shall mean a Shipper who has firm contractual rights to capacity on Company's system and is offering to release or has released its firm capacity.
95. The term "Replacement Shipper" shall mean a Person who has obtained firm capacity from a Releasing Shipper.
96. The term "Service Agreement" shall mean, at any time with respect to any Shipper, an executed firm Service Agreement for service under this Tariff made by and between Company and such Shipper.
97. The term "Service Requester" shall mean Nominating Party.
98. The term "Shipper Imbalance" shall mean the difference between the quantity of gas received by Company for transportation for such Shipper, adjusted for Shipper's share of estimated Company Use Gas, and the quantity of gas delivered by Company for such Shipper's account.
99. The term "Shippers" shall mean, at any time, the Persons which have entered into transportation Agreements with Company which are then in effect; and the term "Shipper" shall mean one of such Persons.

100. The term "Stranded Allocated Capacity" shall mean pipeline and/or point capacity that has been allocated by Company to a given Shipper in a supported nomination and scheduling cycle that was not fully confirmed by the upstream and/or downstream confirming party(ies).
101. The term "Tariff" shall mean the compilation on file with the Federal Energy Regulatory Commission of Company's Rate Schedules, General Terms and Conditions and related forms of Agreements from time to time in effect.
102. The term "tendered" relative to a quantity of gas and a Shipper shall mean that all of the following conditions have been fulfilled:
- (1) such Shipper has informed Company that it plans to deliver a quantity of gas which such Shipper is entitled to deliver to Company pursuant to such Shipper's Agreement at a specified Point of Receipt on a specified day;
 - (2) either
 - (a) (1) relative to an OBA Point, the upstream pipeline has verified that the quantity of gas Shipper has nominated for delivery to Company is in fact the quantity of gas that can be delivered to Company at such Point of Receipt or
 - (a) (2) relative to a non-OBA Point such Shipper in fact could cause delivery of such quantity to Company at such Point of Receipt on such day, or
 - (b) to the extent Company refuses to receive such gas in the quantity described in Section 6.1 paragraph 102(2)(a)(1) or (2)(a)(2) above at such Point of Receipt on such day, such Shipper is in fact ready, willing and able to so deliver the quantity so refused or would have been able to do so had Company not so refused; and
 - (3) such Shipper is in fact, ready, willing and able to accept delivery from Company on such day of the related quantity of gas in accordance with such Shipper's Agreement. The term "tender" shall have a corresponding meaning.
103. The term "Third Party Account Administrator" is a Title Transfer Tracking Service Provider other than Company. [1.2.17]
104. The term "Title" shall be the term used to identify the ownership of gas. [1.2.13]
105. The term "Title Transfer" shall be the term used to reflect the change of Title to gas between parties at a location. [1.2.14]

106. The term "Title Transfer Agreement" shall mean an executed Title Transfer Agreement for service under this Tariff made between Company and Account Holder and specifically shall include the form of agreement available on Company's Internet web site.
107. The term "Title Transfer Nomination" shall mean a nomination line item requesting the service of Title Transfer Tracking and is sent by an Account Holder to a Title Transfer Tracking Service Provider. [1.2.19]
108. The term "Title Transfer Tracking" shall be the process of accounting for the progression of Title changes from party to party that does not affect a physical transfer of gas. [1.2.15]
109. The term "Title Transfer Tracking Service Provider" shall be a party conducting the title transfer tracking activity. [1.2.16]
110. The term "Total Interruptible Receipt Quantity" relative to any IT-1 Shipper for any day shall mean the Total Interruptible Receipt Quantity, stated in Dekatherms, shown on Exhibit A to such IT-1 Shipper's IT-1 Transportation Agreement.
111. The terms "Trade" or "Trading" shall describe the process of resolving Shipper Imbalances between two or more Shippers or their Agents within an Operational Impact Area.
112. The term "Transfer Point" shall be used to describe a point on Company's system where, for purposes of scheduling and nominations, in-line transfers of gas shall occur from one transportation agreement to another or from a compression agreement or PAL agreement to a transportation agreement.

Transfer Points will be nominated accordingly and will be considered secondary points for scheduling purposes.
113. The term "Transportation Path" shall mean for each Service Agreement the pipeline path and flow direction from and including the farthest Point of Receipt to and including the farthest Point of Delivery a Shipper has contracted for on Company's system. One of the units of measurement for a Shipper's Transportation Path shall be Contract Dekatherm-Miles.
114. The term "Underdelivery" shall mean the quantity of gas that results when Shipper takes or causes to be taken from Company for its account a quantity of gas which is greater than the quantity of gas tendered by Shipper to Company less Shipper's share of estimated Company Use Gas.

115. The term "U.S. Shippers" shall mean, at any time, the Shippers which have entered into U.S. Shippers Service Agreements with the Company which are then in effect; and the term "U.S. Shipper" shall mean one of such Persons.
116. The term "Variable Load Point" shall be defined as a physical delivery point of interconnection on Company's system directly supplying an end-use market whose load requirements are expected to fluctuate widely during the day, month, or year. An OBA must be executed at a Variable Load Point.
117. The term "Variable Load Point Customer" is a party receiving balancing services from a Balancing Provider under Rate Schedule TPB.
118. The term "WGQ" shall mean Wholesale Gas Quadrant.

6.35 DATA ELEMENTS

1. Data Set Usage by Company.

Transporter has adopted the Business Practices and Electronic Communications Standards, NAESB WGQ Version 2.0, which are required by the Commission in 18 CFR Section 284.12(a), as indicated below. Standards without accompanying identification or notations are incorporated by reference. Standards that are not incorporated by reference are identified along with the tariff record in which they are located. Standards for which waivers or extensions of time have been granted are also identified.

Standards not Incorporated by Reference and their Location in Tariff:

<u>NAESB Standard</u>	<u>Tariff record</u>
0.1.1	GT&C - Definitions, 6.1.39
0.3.3	GT&C - Credit Worthiness Notices, 6.40.1.1(b)
0.3.4	GT&C - Person Responsibilities, 6.40.2(b)
0.3.5	GT&C - Person Responsibilities, 6.40.2(c)
0.3.6	GT&C - Credit Worthiness Notices, 6.40.1.1(c)
0.3.7	GT&C - Credit Worthiness Notices, 6.40.1.1(a)
0.3.8	GT&C - Person Responsibilities, 6.40.2(d)
0.3.9	GT&C - Credit Worthiness Notices, 6.40.1.1(d)
0.3.10	GT&C - Designating Notice Representatives, 6.40.3
1.1.1	GT&C - Nomination and Scheduling Timeline, 6.10.2
1.1.10	GT&C - Applicability and Character of Service, 5.1.2
1.1.13	GT&C - Applicability and Character of Service, 5.1.2
1.1.17	GT&C - Nomination, 6.10.1.6
1.2.3	GT&C - Definitions, 6.1.85
1.2.4	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.2.5	GT&C - Definitions, 6.1.78
1.2.6	GT&C - Definitions, 6.1.74
1.2.8	GT&C - Definitions, 6.1.27
1.2.9	GT&C - Definitions, 6.1.28
1.2.10	GT&C - Definitions, 6.1.28
1.2.12	GT&C - Definitions, 6.1.37
1.2.13	GT&C - Definitions, 6.1.104
1.2.14	GT&C - Definitions, 6.1.105
1.2.15	GT&C - Definitions, 6.1.108
1.2.16	GT&C - Definitions, 6.1.109
1.2.17	GT&C - Definitions, 6.1.103
1.2.18	GT&C - Definitions, 6.1.1
1.2.19	GT&C - Definitions, 6.1.107
1.3.1	GT&C - Definitions, 6.1.43

1.3.2(i-v)	GT&C - Nomination and Scheduling Timeline, 6.10.2
1.3.2(vi)	GT&C - Nomination and Scheduling Timeline, 6.10.2.1
1.3.3	GT&C - Nomination and Scheduling Timeline, 6.10.2.1
1.3.4	GT&C - Nomination and Scheduling Timeline, 6.10.2.7
1.3.8	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.11	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.13	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.14	GT&C - Energy Quantity, 6.4.3.6
1.3.15	GT&C - Nomination, 6.10.1.5
1.3.17	GT&C - Supported WGQ NAESB Standard by Reference, 6.36.1
1.3.18	GT&C - Supported WGQ NAESB Standard by Reference, 6.36.1
1.3.20	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.5
1.3.21	GT&C - Nomination and Scheduling Timeline, 6.10.2.6
1.3.22	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.4
1.3.23	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.4
1.3.29	GT&C - Nomination, 6.10.1.5
1.3.31	GT&C - Nomination, 6.10.1.5
1.3.32	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.33	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.35	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.5
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2.3.18	GT&C - Flowing Gas, 6.23.2
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3.2.1	GT&C - Payment, 6.6.3(a)
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3.3.15	GT&C - Billing Error/Prior Period Adjustments, 6.6.6
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5.1.2	GT&C - Standard Recall Notification Periods, 6.27.8(e)
5.2.1	GT&C - Critical Notices, 6.20.3
5.2.2	GT&C - Notices, 6.20.5
5.2.3	GT&C - Definitions, 6.1.36
5.3.2	GT&C - Capacity Release Timeline, 6.27.7
5.3.3	GT&C - Capacity Release Timeline, 6.27.7
5.3.4	GT&C - Company's Bid Evaluation Methods, 6.27.6.1(e)
5.3.8	GT&C - Parameters for Capacity Release Transactions, 6.27.4.4
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5.3.56	GT&C - Standard Recall Notification Periods, 6.27.8(e)
5.3.58	GT&C - Parameters for Capacity Release Transactions, 6.27.4.4
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Standards Incorporated by Reference:

Additional Standards:

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Appendix B

Northern Border Pipeline Company – Northern Border Tariffs *FERC Gas Tariff, Second Revised Volume No. 1*

Marked Tariff

<u>Section Description</u>	<u>Version</u>
6.1 – GT&C, Definitions	v.3.1.0
6.35 – GT&C, Data Elements	v.3.1.0

6.1. DEFINITIONS

The following terms, when used in this Tariff or in an Agreement, shall have the following respective meanings:

1. The term "Account Holder" shall mean a party using the services of Company or a Third Party Account Administrator under a contract or other arrangement with the Title Transfer Tracking Service Provider. [1.2.18]
2. The term "Agreed Maximum Receipt Quantity" shall be equal to the Maximum Receipt Quantity included in the Service Agreement less the total receipt quantity released at a point pursuant to a Capacity Release Offer Agreement and Capacity Release Bid Agreement.
3. The term "Agreement" shall mean, at any time with respect to any Shipper or Buyer, an executed Agreement, Service or Transportation Agreement for firm or interruptible service under this Tariff made by and between Company and such Shipper or Buyer.
4. The term "Backhaul" shall mean any transportation service where the gas to be delivered at Shipper's Point of Delivery is upstream on the Northern Border facilities of where the gas is to be received from Shipper at the Shipper's Point of Receipt. Backhaul transportation service will be available only to the extent that Forwardhaul volumes are received into Company's system on the same day upstream of or at the designated Point of Delivery and are required to be delivered out of Company's system downstream of or at the designated Point of Receipt for the backhaul such that the service can be provided.
5. The term "Balanced Point" shall mean a nominatable non-physical point on Company's system that facilitates the aggregation of quantities of gas to be delivered at a Variable Load Point with quantities of gas to be delivered at certain agreed upon physical interconnections under Rate Schedule TPB. Any operational imbalance is recognized at the Balanced Point. The Balanced Point shall be located adjacent to the farthest downstream milepost of the physical interconnection(s) which includes the Variable Load Point, as specified on Exhibit A of a Third Party Balancing Service Agreement.
6. The term "Balancing Provider" is a party performing a third-party balancing service pursuant to Rate Schedule TPB.
7. The term "Best Bid" shall mean the Bid(s) which is determined to be the best using the applicable evaluation methodology.

8. The term "Bid" shall mean the terms pursuant to which (1) a potential Replacement Shipper is willing to acquire firm capacity which has been offered or (2) a Person is willing to take uncommitted pipeline capacity.
9. The term "Bid Closing Date" shall mean the date by which a Bid must be received to be a valid Bid and included in the evaluation and awarding of Bids.
10. The term "Billing Commencement Date" shall mean the date of the Gas Day when a Shipper's service and payment obligation commences. The Billing Commencement Date for any Shipper receiving transportation as a result of placing into service the construction of new facilities shall occur when Company informs such Shipper by at least one day's notice that there is capability, to receive gas at Shipper's Point of Receipt and to make related deliveries of gas at Shipper's Point of Delivery, all in accordance with the provisions of Shipper's Service Agreement.
11. The term "billing month" shall mean the month following the Production Month and beginning at 9:00 a.m., Central Clock Time on the first day of a calendar month and ending at 9:00 a.m., Central Clock Time on the first day of the next succeeding calendar month.
12. The term "Btu" shall mean one (1) British thermal unit, the amount of heat required to raise the temperature of one (1) pound of water one (1) degree Fahrenheit from fifty-eight and one-half (58.5) degrees Fahrenheit to fifty-nine and one-half (59.5) degrees Fahrenheit. (Btu is measured on a dry basis at 14.73 psia.)
13. The term "Btu Adjusted Maximum Delivery Quantity" shall mean the volume of gas shown as the Maximum Delivery Quantity for a Point of Delivery in Exhibit A of the Shipper's Service Agreement multiplied by the Posted Btu Factor for such point except in the case of firm Shippers participating in the release program. For those Shippers, Btu Adjusted Maximum Delivery Quantity shall be Maximum Delivery Quantity for such point on Shipper's Exhibit A reduced by the total volume released by that Shipper at that point and multiplied by the Posted Btu Factor for such point.
14. The term "Btu Adjusted Maximum Receipt Quantity" shall mean the volume of gas shown as the Maximum Receipt Quantity for a Point of Receipt in Exhibit A of the Shipper's Service Agreement multiplied by the Posted Btu Factor for such point except in the case of firm Shippers releasing capacity for service pursuant to Rate Schedule T-1 or Rate Schedule T-1B. For those Shippers, Btu Adjusted Maximum Receipt Quantity shall equal the Agreed Maximum Receipt Quantity multiplied by the Posted Btu Factor for such point.

15. The term "business day" shall mean Monday through Friday, excluding Federal Banking Holidays for transactions in the United States and similar holidays for transactions occurring in Canada and Mexico.
16. The term "Buyers" shall mean, at any time, the Persons which have entered into certain Agreements for services with Company which are then in effect; and the term "Buyer" shall mean one of such Persons.
17. The term "Calendar Day" shall mean any day, excluding Federal Banking Holidays for transactions in the United States and similar holidays for transactions occurring in Canada and Mexico. Company shall provide advanced notification of such observed holidays.
18. The term "Calendar Month" shall mean one of the twelve named divisions of a calendar year according to the Gregorian calendar which shall commence on the first Calendar Day of such Calendar Month and end on the last Calendar Day of such Calendar Month.
19. The term "calendar year" shall mean the period from 9:00 a.m., Central Clock Time on January 1 of any year to 9:00 a.m., Central Clock Time on January 1 of the next succeeding year.
20. The term "Ccf" shall mean one hundred cubic feet of natural gas measured at Standard Reference Conditions.
21. The term "cf" shall mean one cubic foot of natural gas measured at Standard Reference Conditions.
22. The term "CCT" shall mean Central Clock Time.
23. The term "Company" shall mean Northern Border Pipeline Company, a "Service Provider" pursuant to NAESB WGQ Standards.
24. The term "Company Use Gas" for any period shall mean the total quantity of gas, including but not limited to gas used as fuel or for testing and gas lost or otherwise unaccounted for, used by Company in its gas operations during such period, as determined by Company.
25. The term "Company Use Gas Imbalance" shall mean the difference between actual Company Use Gas and estimated Company Use Gas for the same period.
26. The term "Company Use Gas Percentage" shall be the deemed fuel percentage of scheduled receipt nominations for transportation from Point of Receipt to Point of Delivery. This percentage will be determined on a dekatherm-mile basis and posted

six business days prior to the end of the month preceding the month to which it is applicable. This percentage will be an estimate of what Company anticipates will be necessary to transport quantities from each receipt point to each delivery point and will include any Company Use Gas Imbalance from a prior period. The Company Use Gas Percentage will be reviewed monthly and will apply only to forwardhaul quantities.

27. The term "Confirmation Requester" shall mean a Service Provider (including a Point Operator) which is seeking to confirm a quantity of gas via the information outlined in NAESB WGQ Standard 1.4.3 with another Service Provider (the Confirming Party) with respect to a nomination at a location. [1.2.8]
28. The term "Confirming Party" shall mean a Service Provider (including a Point Operator) which provides a confirmation for a quantity of gas via the information outlined in NAESB WGQ Standard 1.4.4 to another Service Provider (the Confirmation Requester) with respect to a nomination at a location. The term "Confirming Parties" shall mean the Confirmation Requester and the Confirming Party. [1.2.9] [1.2.10]
29. The term "Contract Dekatherm-miles" relative to a Shipper's Rate Schedule T-1 or Rate Schedule T-1B Service shall mean the number calculated by (a) multiplying Shipper's Maximum Receipt Quantity by the number of miles of Company's pipeline, as shown on Exhibit A to the Service Agreement, (b) converting such product from (a) to Dekatherm-miles by multiplying by the Posted Btu Factor, and (c) multiplying the product in (b) by the number of days for a respective time period (i.e. monthly, annually, or for the term of the Service Agreement).
30. The term "Customer Activities" shall mean the business function categories related to Nominations, Flowing Gas, Invoicing, Capacity Release, Contracts and other business functions on industry web sites. [4.2.10]
31. The term "Daily Contract Dekatherm-miles" shall mean the amount of Shippers Contract Dekatherm-miles on a 100 Dekatherm-miles basis per day.
32. The term "Daily Delivery Quantity" of a Shipper for any day shall mean such Shipper's Btu Adjusted Maximum Delivery Quantity for a Point of Delivery or such lesser quantity as Company shall from time to time determine, with not less than four hours' notice thereof to Shipper, on a basis which reflects seasonal variations in the capacity of Company's facilities and reductions in the capacity of such facilities resulting from maintenance operations and does not discriminate among Shippers.
33. The term "Dekatherm" (Dth) shall mean a unit of heating value. The standard quantity for nominations, confirmation and scheduling is dekatherms per gas day in the United States, gigajoules per gas day in Canada and gigacalories per gas day in

Mexico. (For reference 1 dekatherm = 1,000,000 Btu's; and 1 gigajoule = 1,000,000,000 joules; and 1 gigacalorie = 1,000,000,000 calories.) For commercial purposes, the standard conversion factor between dekatherms and gigajoules is 1.055056 gigajoules per dekatherm and between dekatherms and gigacalories is 0.251996 gigacalories per dekatherm. The standard Btu is the International Btu, which is also called the Btu(IT); the standard joule is the joule specified in the SI system of units. (The International Btu is specified for use in the gas measurement standards of the American Gas Association, the American Petroleum Institute, the Gas Processors Association and the American Society for Testing Materials. For non-commercial purposes, these associations note that the exact conversion factor is 1.05505585262 Gigajoules per Dekatherm.) Daily Dekatherms shall be the quantity units used by Company for nominations, confirmations, scheduling, allocating, and imbalance activity. [1.3.14]

34. The term "Dekatherm-miles", relative to a Point of Receipt and Delivery for a Shipper, shall mean an amount determined by multiplying the quantity of gas received by Company from Shipper at such Point of Receipt for delivery to the designated Point of Delivery by the actual pipeline mileage between such Point of Receipt and the Point of Delivery. The term "Contract Dekatherm-miles" is defined elsewhere in this Section 6.1 and does not incorporate the "Dekatherm-miles" meaning contained herein.
35. The term "Designated Replacement Shipper" shall mean the Person who has been designated by the Releasing Shipper as the Replacement Shipper for the capacity being released.
36. The term "Elapsed Prorata Capacity" or "EPC" shall mean that portion of the capacity that would have theoretically been available for use prior to the effective time of the intra-day recall based upon a cumulative uniform hourly use of the capacity. [5.2.3]
37. The term "elapsed-prorated-scheduled quantity" shall mean that portion of the scheduled quantity that would have theoretically flowed up to the effective time of the intra-day nomination being confirmed, based upon a cumulative uniform hourly quantity for each nomination period affected. [1.2.12]
38. The term "Electronic Data Interchange" (EDI) shall mean the computer-to-computer exchange of business documents and information through the use of standard document formats. As a prerequisite for using EDI in place of conventional paper-based documents, user will be required to execute an EDI/EDM trading partner agreement as adopted from the NAESB WGQ EDI trading partner agreement.

39. The term "Entity" shall be a person or organization with sufficient legal standing to enter into a contract or arrangement with another such person or organization (as such legal standing shall be determined by those parties) for the purpose of conducting and/or coordinating natural gas transactions. [0.1.1]
40. The term "Federal Energy Regulatory Commission" or "FERC" shall mean the Federal Energy Regulatory Commission of the United States of America or any other tribunal or Person which may hereafter exercise the functions now exercised by that Commission with respect to Company.
41. The term "Forwardhaul" shall mean any transportation service where the gas to be delivered at Shipper's Point of Delivery is downstream on the Company's facility from location at which gas is to be received from Shipper at the Shipper's Point of Receipt.
42. The term "gas" shall mean natural gas, manufactured, artificial or synthetic gas, or any mixture or combination thereof.
43. The term "Gas Day" shall mean a period beginning and ending at 9:00 a.m., Central Clock Time. The reference date for any day shall be the date of the beginning of such day.
44. The term "General Terms and Conditions" shall mean, at any time, these General Terms and Conditions as from time to time amended or supplemented.
45. The term "gross heating value", shall mean gross heating value dry as determined by the total calorific (heating) value, in British thermal units, Btu, of the amount of any dry gas which would occupy a volume of one standard cubic foot, based on 14.73 Psia and 60 degrees F. The total, or gross, calorific value represents the Btus evolved by the complete combustion, at constant pressure, of one standard cubic foot of any dry gas with air, the temperature of the gas, air, and products of combustion being 60 degrees F, and all water formed by the combustion reaction being condensed to the liquid state.
46. The term "Historical Flow Quantity" (HFQ) for a given Point of Interconnection shall be the lesser of the average daily scheduled quantity for the previous 15 consecutive Gas Days or the actual average daily metered flow quantity for such time period.
47. The term "Information Postings" identifies common information as specified in Standard 4.3.23~~shall mean the common information, which would include the five required postings under Standard 4.3.6.~~ [4.2.1]

48. The term "In-Direction" shall mean a nomination line item that has a nominated flow direction in the same direction as the contractual Transportation Path.
49. The term "Interconnected Party" shall mean the Person who is directly connected to Company's facilities at a physical Point of Receipt or a physical Point of Delivery.
50. The term "IT-1 Shippers" shall mean at any time the Shippers which have entered into IT-1 Transportation Agreements with Company which are then in effect; and the term IT-1 Shipper shall mean one of such Persons.
51. The term "IT-1 Transportation Agreement" shall mean at any time with respect to any IT-1 Shipper, an executed IT-1 Transportation Agreement for service under this Tariff made by and between Company and such IT-1 Shipper which is then in effect.
52. The term "Lending Point" relative to a Buyer shall mean the Lending Points as shown or referenced on Exhibit A to such Buyer's PAL Agreement where such Buyer can borrow gas quantities on Company's system pursuant to such Agreement.
53. The term "Maximum Balancing Quantity" shall mean the maximum Dekatherms per day quantity of gas authorized by Balancing Provider to Company to deliver to the Variable Load Point on an instantaneous basis as detailed on Exhibit A of the Third Party Balancing Service Agreement.
54. The term "Maximum Commodity Rate" shall mean the Maximum Commodity Rate for each respective Rate Schedule as shown on the Statement of Rates. All tariff rates shall be adjusted to reflect a standard calculation of daily and monthly rates. [5.3.23]
55. The term "Maximum Delivery Quantity" relative to a Point of Delivery to a Shipper for any day shall mean the volume of gas shown as the Maximum Delivery Quantity for such Point of Delivery on Exhibit A to such Shipper's Service Agreement.
56. The term "Maximum Park and Loan (PAL) Quantity" shall mean the Dekatherms of gas shown as the Maximum Park and Loan (PAL) Quantity that is relative to the Parking Points and Lending Points shown on Exhibit A to a Buyer's PAL Agreement.
57. The term "Maximum Rate" applicable to Rate Schedules T-1 and T-1B shall mean the sum of the applicable Maximum Daily Reservation Rate and the applicable Maximum Commodity Rate as shown on the Statement of Rates.

58. The term "Maximum Receipt Quantity" relative to a Point of Receipt from a Shipper for any day shall mean the volume of gas shown as the Maximum Receipt Quantity for such Point of Receipt on Exhibit A to such Shipper's Service Agreement.
59. The term "Maximum Reservation Rate" shall mean the applicable daily maximum reservation rate for each respective Rate Schedule as shown on the Statement of Rates.
60. The term "Mcf" shall mean 1000 cubic feet of gas measured at Standard Reference Conditions.
61. The term "Measurement Party" shall mean the Person who is primarily responsible for measurement of gas volumes at a physical Point of Receipt into or a physical Point of Delivery out of Company's pipeline system.
62. The term "MMcf" shall mean 1,000,000 cubic feet of natural gas measured at Standard Reference Conditions.
63. The term "Minimum Commodity Rate" shall mean the Minimum Commodity Rate for each respective Rate Schedule as shown on the Statement of Rates.
64. The term "Minimum Rate" shall mean the Minimum Commodity Rate as shown on the Statement of Rates for the applicable Rate Schedules.
65. The term "NAESB" shall mean North American Energy Standards Board.
66. The term "Negotiated Rates" shall mean a rate or formula for computing a rate for Transportation service which may be greater than, equal to or less than the Recourse Rate, but which may not be less than the Minimum Commodity Rate set forth on the Statement of Rates. A Negotiated Rate must be mutually agreed upon by Company and Shipper for a specific time period and may be based on a rate design other than the rate design used to compute Company's currently effective Recourse Rate.
67. The term "Netting" shall describe the process of resolving imbalances for a Shipper or its Agent within an Operational Impact Area. Company shall recognize two types of Netting: summing and offsetting. Summing is the process of accumulation of all imbalances above any applicable tolerance for a Shipper or its Agent. Offsetting is the process of combining positive and negative imbalances above any applicable tolerance for a Shipper or its Agent. [2.2.3]
68. The term "Nominating Party" shall mean a Shipper, or its Nominating Agent (one who has been pre-designated by Shipper to serve in such role). If a Shipper elects

to use a Nominating Agent for a given Agreement, the agent replaces the Shipper as the sender of nomination information as well as the receiver of nomination-related information from Company for such Agreement.

69. The term "Nomination Day" shall mean one day prior to Gas Day.
70. The term "Non-OBA Point" shall mean a point of receipt or delivery where no Operational Balancing Agreements are in effect.
71. The term "OBA Point" shall mean a point of receipt or delivery where an Operational Balancing Agreement is in effect between Company and the upstream or downstream pipeline to administer interconnect balancing.
72. The term "Offer" shall mean the terms pursuant to which a Releasing Shipper is willing to release firm transportation capacity.
73. The term "Operational Balancing Agreement" (OBA) shall mean the contract between Company and party which specifies the procedures to manage operating variances at an interconnect. [2.2.1]
74. The term "Operational Flow Order" (OFO) shall be an order issued to alleviate conditions, inter alia, which threaten or could threaten the safe operations or system integrity of Company's system or to maintain operations required to provide efficient and reliable service. Whenever Company experiences these conditions, any pertinent order shall be referred to as an OFO. [1.2.6]
75. The term "Operational Impact Area" shall mean the largest possible area(s) on Company's system in which imbalances have a similar operational effect. For imbalance resolution, Company shall designate its entire pipeline system as a single Operational Impact Area. [2.2.2]
76. The term "Out-of-Direction" shall mean a nomination line item that has a nominated flow direction opposite of the contracted Transportation Path direction.
77. The term "Overdelivery" shall mean the quantity of gas that results when Shipper delivers or causes to be delivered to Company a quantity of gas which, less Shipper's share of estimated Company Use Gas, is greater than the quantity of gas delivered out of Company's system for Shipper's account.
78. The term "Package ID" shall mean a NAESB WGQ defined mutually agreeable data element provided to differentiate between discrete business transactions. [1.2.5]

79. The term "Parking Point" relative to a Buyer shall mean the Parking Points as shown or referenced on Exhibit A to such Buyer's PAL Agreement where such Buyer can park gas quantities on Company's system pursuant to such Agreement.
80. The term "PDA" shall mean pre-determined allocation, which is the allocation method agreed to by the allocating and allocated parties at a point prior to gas flow.
81. The term "Person" shall mean an individual, a corporation, a partnership, an association, a joint venture, a trust, an unincorporated organization or a government or political subdivision thereof; and pronouns shall have a similarly extended meaning.
82. The term "Point of Delivery" relative to a Shipper shall mean the Points of Delivery posted on Company's Informational Postings web site for delivery of gas to such Shipper.
83. The term "Point of Interconnection" shall mean those locations where Company is physically connected to an Interconnected Party.
84. The term "Point of Receipt" relative to a Shipper shall mean the Points of Receipt posted on Company's Informational Postings web site for receipt of gas from such Shipper.
85. The term "pooling" shall mean (1) the aggregation of gas from multiple physical and/or logical points to a single physical or logical point, and/or (2) the disaggregation of gas from a single physical or logical point to multiple physical and/or logical points. [1.2.3]
86. The term "Posted Btu Factor" shall mean the factor by contract for capacity, utilized to convert a volume of gas in Mcf's to an equivalent thermal quantity in Dekatherms for scheduling and billing purposes. Such factor shall be derived by calculating the average Btu factor at each of Company's Point(s) of Receipt for the twelve month period ending the last day of February of each year. The updated Btu factor will be noticed on Company's Informational Postings site by receipt point and posted under Company's Customer Activity site by each currently effective Rate Schedule T-1 U.S. Shipper's Agreement annually by March 15 of each year to be effective April 1 of each year.
87. The term "Production Month" shall mean the period of actual gas flow preceding the billing month and beginning at 9:00 a.m., Central Clock Time on the first day of a calendar month and ending at 9:00 a.m., Central Clock Time on the first day of the next succeeding calendar month.
88. The term "psia" shall mean pounds per square inch, absolute.

89. The term "psig" shall mean pounds per square inch, gauge.
90. The term "Quick Response" shall mean the initial response made by Company to recognize the receipt of an EDI-based nomination. Such response will be made in accordance with NAESB WGQ standards.

In addition, Company shall recognize the receipt of non-EDI delivered nominations; EBB-based, fax, or telephone, at the time they are fully transmitted. A transmission failure shall be the Nominating Party's indication that the non-EDI nomination has not been fully delivered to Company.

91. The term "rate commitment" shall mean the revenue committed to Company for each separate transaction for the term of the effective PAL service option.
92. The term "Rate Schedules" shall mean all of the Rate Schedules of Company on file with the Federal Energy Regulatory Commission and in effect.
93. The term "Recourse Rate" shall mean the stated maximum reservation charge and/or maximum commodity rate applicable to each respective Rate Schedule set forth on the Statement of Rates.
94. The term "Releasing Shipper" shall mean a Shipper who has firm contractual rights to capacity on Company's system and is offering to release or has released its firm capacity.
95. The term "Replacement Shipper" shall mean a Person who has obtained firm capacity from a Releasing Shipper.
96. The term "Service Agreement" shall mean, at any time with respect to any Shipper, an executed firm Service Agreement for service under this Tariff made by and between Company and such Shipper.
97. The term "Service Requester" shall mean Nominating Party.
98. The term "Shipper Imbalance" shall mean the difference between the quantity of gas received by Company for transportation for such Shipper, adjusted for Shipper's share of estimated Company Use Gas, and the quantity of gas delivered by Company for such Shipper's account.
99. The term "Shippers" shall mean, at any time, the Persons which have entered into transportation Agreements with Company which are then in effect; and the term "Shipper" shall mean one of such Persons.

100. The term "Stranded Allocated Capacity" shall mean pipeline and/or point capacity that has been allocated by Company to a given Shipper in a supported nomination and scheduling cycle that was not fully confirmed by the upstream and/or downstream confirming party(ies).
101. The term "Tariff" shall mean the compilation on file with the Federal Energy Regulatory Commission of Company's Rate Schedules, General Terms and Conditions and related forms of Agreements from time to time in effect.
102. The term "tendered" relative to a quantity of gas and a Shipper shall mean that all of the following conditions have been fulfilled:
- (1) such Shipper has informed Company that it plans to deliver a quantity of gas which such Shipper is entitled to deliver to Company pursuant to such Shipper's Agreement at a specified Point of Receipt on a specified day;
 - (2) either
 - (a) (1) relative to an OBA Point, the upstream pipeline has verified that the quantity of gas Shipper has nominated for delivery to Company is in fact the quantity of gas that can be delivered to Company at such Point of Receipt or
 - (a) (2) relative to a non-OBA Point such Shipper in fact could cause delivery of such quantity to Company at such Point of Receipt on such day, or
 - (b) to the extent Company refuses to receive such gas in the quantity described in Section 6.1 paragraph 102(2)(a)(1) or (2)(a)(2) above at such Point of Receipt on such day, such Shipper is in fact ready, willing and able to so deliver the quantity so refused or would have been able to do so had Company not so refused; and
 - (3) such Shipper is in fact, ready, willing and able to accept delivery from Company on such day of the related quantity of gas in accordance with such Shipper's Agreement. The term "tender" shall have a corresponding meaning.
103. The term "Third Party Account Administrator" is a Title Transfer Tracking Service Provider other than Company. [1.2.17]
104. The term "Title" shall be the term used to identify the ownership of gas. [1.2.13]
105. The term "Title Transfer" shall be the term used to reflect the change of Title to gas between parties at a location. [1.2.14]

106. The term "Title Transfer Agreement" shall mean an executed Title Transfer Agreement for service under this Tariff made between Company and Account Holder and specifically shall include the form of agreement available on Company's Internet web site.
107. The term "Title Transfer Nomination" shall mean a nomination line item requesting the service of Title Transfer Tracking and is sent by an Account Holder to a Title Transfer Tracking Service Provider. [1.2.19]
108. The term "Title Transfer Tracking" shall be the process of accounting for the progression of Title changes from party to party that does not affect a physical transfer of gas. [1.2.15]
109. The term "Title Transfer Tracking Service Provider" shall be a party conducting the title transfer tracking activity. [1.2.16]
110. The term "Total Interruptible Receipt Quantity" relative to any IT-1 Shipper for any day shall mean the Total Interruptible Receipt Quantity, stated in Dekatherms, shown on Exhibit A to such IT-1 Shipper's IT-1 Transportation Agreement.
111. The terms "Trade" or "Trading" shall describe the process of resolving Shipper Imbalances between two or more Shippers or their Agents within an Operational Impact Area.
112. The term "Transfer Point" shall be used to describe a point on Company's system where, for purposes of scheduling and nominations, in-line transfers of gas shall occur from one transportation agreement to another or from a compression agreement or PAL agreement to a transportation agreement.

Transfer Points will be nominated accordingly and will be considered secondary points for scheduling purposes.
113. The term "Transportation Path" shall mean for each Service Agreement the pipeline path and flow direction from and including the farthest Point of Receipt to and including the farthest Point of Delivery a Shipper has contracted for on Company's system. One of the units of measurement for a Shipper's Transportation Path shall be Contract Dekatherm-Miles.
114. The term "Underdelivery" shall mean the quantity of gas that results when Shipper takes or causes to be taken from Company for its account a quantity of gas which is greater than the quantity of gas tendered by Shipper to Company less Shipper's share of estimated Company Use Gas.

115. The term "U.S. Shippers" shall mean, at any time, the Shippers which have entered into U.S. Shippers Service Agreements with the Company which are then in effect; and the term "U.S. Shipper" shall mean one of such Persons.
116. The term "Variable Load Point" shall be defined as a physical delivery point of interconnection on Company's system directly supplying an end-use market whose load requirements are expected to fluctuate widely during the day, month, or year. An OBA must be executed at a Variable Load Point.
117. The term "Variable Load Point Customer" is a party receiving balancing services from a Balancing Provider under Rate Schedule TPB.
118. The term "WGQ" shall mean Wholesale Gas Quadrant.

6.35 DATA ELEMENTS

1. Data Set Usage by Company.

Transporter has adopted the Business Practices and Electronic Communications Standards, NAESB WGQ Version 2.0, which are required by the Commission in 18 CFR Section 284.12(a), as indicated below. Standards without accompanying identification or notations are incorporated by reference. Standards that are not incorporated by reference are identified along with the tariff record in which they are located. Standards for which waivers or extensions of time have been granted are also identified.

Standards not Incorporated by Reference and their Location in Tariff:

<u>NAESB Standard</u>	<u>Tariff record</u>
0.1.1	GT&C - Definitions, 6.1.39
0.3.3	GT&C - Credit Worthiness Notices, 6.40.1.1(b)
0.3.4	GT&C - Person Responsibilities, 6.40.2(b)
0.3.5	GT&C - Person Responsibilities, 6.40.2(c)
0.3.6	GT&C - Credit Worthiness Notices, 6.40.1.1(c)
0.3.7	GT&C - Credit Worthiness Notices, 6.40.1.1(a)
0.3.8	GT&C - Person Responsibilities, 6.40.2(d)
0.3.9	GT&C - Credit Worthiness Notices, 6.40.1.1(d)
0.3.10	GT&C - Designating Notice Representatives, 6.40.3
1.1.1	GT&C - Nomination and Scheduling Timeline, 6.10.2
1.1.10	GT&C - Applicability and Character of Service, 5.1.2
1.1.13	GT&C - Applicability and Character of Service, 5.1.2
1.1.17	GT&C - Nomination, 6.10.1.6
1.2.3	GT&C - Definitions, 6.1.85
1.2.4	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.2.5	GT&C - Definitions, 6.1.78
1.2.6	GT&C - Definitions, 6.1.74
1.2.8	GT&C - Definitions, 6.1.27
1.2.9	GT&C - Definitions, 6.1.28
1.2.10	GT&C - Definitions, 6.1.28
1.2.12	GT&C - Definitions, 6.1.37
1.2.13	GT&C - Definitions, 6.1.104
1.2.14	GT&C - Definitions, 6.1.105
1.2.15	GT&C - Definitions, 6.1.108
1.2.16	GT&C - Definitions, 6.1.109
1.2.17	GT&C - Definitions, 6.1.103
1.2.18	GT&C - Definitions, 6.1.1
1.2.19	GT&C - Definitions, 6.1.107
1.3.1	GT&C - Definitions, 6.1.43

1.3.2(i-v)	GT&C - Nomination and Scheduling Timeline, 6.10.2
1.3.2(vi)	GT&C - Nomination and Scheduling Timeline, 6.10.2.1
1.3.3	GT&C - Nomination and Scheduling Timeline, 6.10.2.1
1.3.4	GT&C - Nomination and Scheduling Timeline, 6.10.2.7
1.3.8	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.11	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.13	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.14	GT&C - Energy Quantity, 6.4.3.6
1.3.15	GT&C - Nomination, 6.10.1.5
1.3.17	GT&C - Supported WGQ NAESB Standard by Reference, 6.36.1
1.3.18	GT&C - Supported WGQ NAESB Standard by Reference, 6.36.1
1.3.20	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.5
1.3.21	GT&C - Nomination and Scheduling Timeline, 6.10.2.6
1.3.22	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.4
1.3.23	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.4
1.3.29	GT&C - Nomination, 6.10.1.5
1.3.31	GT&C - Nomination, 6.10.1.5
1.3.32	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.33	GT&C - Company Supported Nomination Classifications, 6.10.1.7
1.3.35	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.5
1.3.37	GT&C - Nomination and Scheduling Timeline, 6.10.2.6
1.3.40	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.4
1.3.44	GT&C - Scheduling, 6.10.5
1.3.45	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.6
1.3.46	GT&C - Capacity Allocation and Confirmation Process, 6.10.4.7
1.3.51	GT&C - Notices, 6.20.4
1.3.64	GT&C - Applicability and Character of Service, 5.1.2
1.3.66	GT&C - Third Party Provided Title Transfer Tracking, 6.36.5
1.3.67	GT&C - Third Party Provided Title Transfer Tracking, 6.36.5
1.3.69	GT&C - Third Party Provided Title Transfer Tracking, 6.36.5
1.3.73	GT&C - Third Party Provided Title Transfer Tracking, 6.36.5
1.3.74	GT&C - Nomination, 6.10.1.5
2.2.1	GT&C - Definitions, 6.1.73
2.2.2	GT&C - Definitions, 6.1.75
2.3.16	GT&C - Flowing Gas, 6.23.2
2.3.18	GT&C - Flowing Gas, 6.23.2
2.3.26	GT&C - Flowing Gas, 6.23.2
2.3.29	GT&C - Operational Balancing Agreement Policy, 6.34.2
2.3.30	GT&C - Flowing Gas, 6.23.3(2)
2.3.31	GT&C - Operational Balancing Agreement Policy, 6.34.2
2.3.40	GT&C - Flowing Gas, 6.23.3(2)
2.3.41	GT&C - Flowing Gas, 6.23.3(2)
2.3.47	GT&C - Flowing Gas, 6.23.3(2)
2.3.49	GT&C - Flowing Gas, 6.23.3(2)

3.2.1	GT&C - Payment, 6.6.3(a)
3.3.9	GT&C - Billing, 6.6.2
3.3.15	GT&C - Billing Error/Prior Period Adjustments, 6.6.6
3.3.19	GT&C - Payment, 6.6.3(a)
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4.1.40	GT&C - Quality of Gas, 6.5.5(b)
<u>4.2.1</u>	<u>GT&C - Definitions, 6.1.47</u>
4.2.10	GT&C - Definitions, 6.1.30
5.1.2	GT&C - Standard Recall Notification Periods, 6.27.8(e)
5.2.1	GT&C - Critical Notices, 6.20.3
5.2.2	GT&C - Notices, 6.20.5
5.2.3	GT&C - Definitions, 6.1.36
5.3.2	GT&C - Capacity Release Timeline, 6.27.7
5.3.3	GT&C - Capacity Release Timeline, 6.27.7
5.3.4	GT&C - Company's Bid Evaluation Methods, 6.27.6.1(e)
5.3.8	GT&C - Parameters for Capacity Release Transactions, 6.27.4.4
5.3.13	GT&C - Bid Requirements, 6.27.3.4
5.3.14	GT&C - Offer Requirements, 6.27.2
5.3.15	GT&C - Bid Requirements, 6.27.3.4
5.3.16	GT&C - Offer Requirements, 6.27.2.1
5.3.18	GT&C - Notices, 6.20.2
5.3.23	GT&C - Definitions, 6.1.54
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5.3.28	GT&C - Parameters for Capacity Release Transactions, 6.27.4.1
5.3.35	GT&C - Notices, 6.20.5
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