225/ For the period 11/03/2018 through 12/31/2018, the daily charge for the Contract MDQ shall be the MDQ multiplied by the "Rate." The "Rate" is the arithmetic value obtained from the formula [(X minus (Y divided by A)) times B times C], where (X) = the Midpoint price from "Gas Daily" Northern, demarc; (Y) = the Midpoint price from "Gas Daily" NGPL, Midcontinent plus 0.03; (A) = 1.0 less the applicable Section 2 Field Area fuel percentage for deliveries to NNG Field MKT Demarcation - 16B (POI 37654) (Demarc); (B) = 1.0 and (C) = 0.49703. However, in no event will the daily charge be less than zero. The monthly charge will be the sum of all daily charges.

Shipper's charges above shall be reduced, in Northern's sole discretion, for any quantity that is unable to be delivered up to the contract MDQ.

In addition to the above rates, Shipper shall provide any applicable fuel use and unaccounted for.

The rates set forth above are applicable to the receipt and delivery points (POI) listed. For delivered quantities on any day from receipt points located in MIDs 1 through 7, Shipper shall pay the higher of an additional (i) \$0.40/Dth/day charge or (ii) a daily charge per dekatherm equal to the Midpoint price of "Gas Daily" Panhandle, Tx.-Okla. less the lower of the Midpoint price of either "Gas Daily" El Paso, Permian or "Gas Daily" Waha. In addition to the foregoing, for quantities delivered to non-primary delivery points, Shipper shall pay an additional \$0.20/Dth/day charge for deliveries to points located in MIDs 1 through 16A. Shipper shall also pay the higher of an additional (1) \$0.40/Dth/day charge or (2) the Rate calculated above where the value of "C" is equal to 1.0 for any quantities delivered to Demarc or Demarc Deferred Delivery above the Demarc MDQ. Notwithstanding the aforementioned, in the event of an outage on Northern's pipeline system that impacts the Shipper's ability to schedule any primary receipt and delivery points, Shipper may use any receipt point listed for delivery to any Field Area delivery point located in MIDs 1 through 16A during the outage at the Rate calculated above, for any quantity that does not exceed the Demarc MDQ less any quantities delivered to Demarc or Demarc Def.-Delivery.

If any primary points are realigned, Shipper shall pay an additional \$0.30/Dth for the entire contract MDQ for the remaining term of the Agreement; provided however, Shipper and Northern may mutually agree to a realignment between TW/NNG Gray ITE (POI 60667) and Enbridge Pampa (POI 78643). The rate for such agreed upon realignment will be the Rate set forth above.

227/ For the period 12/01/2018 through 03/31/2019, the Shipper shall pay a monthly base reservation rate equal to \$5.7387/Dth for Field Area MDQ and a commodity rate equal to the maximum rate provided in Northern's FERC Gas Tariff.

Shipper's charges above shall be reduced, in Northern's sole discretion, for any quantity that is unable to be delivered up to the contract MDQ.

In addition to the above rates, Shipper shall provide any applicable fuel use and unaccounted for.

The rates set forth above are applicable to the receipt and delivery points (POI) listed. For delivered quantities on any day from receipt points located in MIDs 1 through 7, Shipper shall pay the higher of an additional (i) \$0.40/Dth/day charge or (ii) a daily charge per dekatherm equal to the Midpoint price of "Gas Daily" Panhandle, Tx.-Okla. less the lower of the Midpoint price of either "Gas Daily" El Paso, Permian or "Gas Daily" Waha. In addition to the foregoing, for quantities delivered to non-primary delivery points, Shipper shall pay an additional \$0.20/Dth/day charge for deliveries to points located in MIDs 1 through 16A. Shipper shall also pay the higher of an additional (1) \$0.40/Dth/day charge or (2) a daily charge per dekatherm equal to the Midpoint price of "Gas Daily" Northern, demarc less the Midpoint price of "Gas Daily" Panhandle, Tx.-Okla. for any quantities delivered to Demarc or Demarc Deferred Delivery above the Demarc MDQ. Notwithstanding the aforementioned, in the event of an outage on Northern's pipeline system that impacts the Shipper's ability to schedule any primary receipt and delivery points, Shipper may use any receipt point listed for delivery to any Field Area delivery point located in MIDs 1 through 16A during the outage at the rate set forth above, for any quantity that does not exceed the Demarc MDQ less any quantities delivered to Demarc or Demarc Def.-Delivery.

If any primary points are realigned, Shipper shall pay an additional \$0.30/Dth for the entire contract MDQ for the remaining term of the Agreement.

Issued On: November 30, 2018 Effective On: December 1, 2018