

## SCHEDULE "D" – ICE NGX PRODUCT LIST

### Definitions

- "AEFP" is defined in Section 10 of Schedule "E";
- "AESO" is defined in Section 10 of Schedule "E";
- "ATC" means HE 01:00 - 24:00 Monday-Sunday including NERC holidays;
- "CGPR" is defined in Section 15 of Schedule "F";
- "Cleared Only Product" is defined in Section 1.2 of the Terms and Conditions;
- "Dual Peak" means HE 07:00 – 11:00 AND HE 17:00 – 22:00 Monday-Friday excluding NERC holidays;
- "ENMAX LFM" is defined in the ICE NGX Index Methodology Guide;
- "Exchange's Website" is defined in Section 1.2 of the Terms and Conditions;
- "Floating Price" is defined in Section 10 of Schedule "E";
- "GDD" means a daily index published in Platts Gas Daily;
- "HE 7-11" HE 07:00 - 11:00 Monday-Friday excluding NERC holidays;
- "HE 12-22" means HE 12:00 - 22:00 Monday-Friday excluding NERC holidays;
- "HE 17-22" means HE 17:00 – 22:00 Monday-Friday excluding NERC holidays;
- "HOEP" is defined in Section 10 of Schedule "E";
- "ICE NGX AB-NIT Day Ahead Index" is defined in Section 15 of Schedule "F";
- "ICE NGX AB-NIT Month Ahead (7A US)" is defined in the ICE NGX Index Methodology Guide;
- "ICE NGX AB-NIT Month Ahead Index (7A)" is defined in Section 15 of Schedule "F";
- "ICE NGX AB-NIT Same Day Index (2A)" is defined in Section 15 of Schedule "F";
- "ICE NGX AB-NIT Same Day Index (4A)" is defined in Section 15 of Schedule "F";
- "ICE NGX AB-NIT Same Day Index (5A) in the US" is defined in Section 15 of Schedule "F";
- "ICE NGX AB-NIT Same Day Index (5A)" is defined in Section 15 of Schedule "F";
- "ICE NGX Alberta Extended Peak Electricity RRO" is defined in the ICE NGX Index Methodology Guide;
- "ICE NGX Alberta Flat Electricity RRO" is defined in the ICE NGX Index Methodology Guide;
- "ICE NGX Index Methodology Guide" means a document published by Exchange on Exchange's Website that provides descriptions of methodology for determination and definition of price indices;
- "ICE NGX Spectra Station #2 Day Ahead Index" is defined in Section 15 of Schedule "F";

"ICE NGX Union-Dawn Day Ahead Index" is defined in Section 15 of Schedule "F";

"IESO" is defined in Section 10 of Schedule "E";

"IF" means Platts Inside FERC;

"LD1" means an index published in NYMEX Last Day Settle;

"Mini" is means as a contract size between 1-1,000 MWh in an increment of 1;

"NGI" means a publication entitled NGI's Bidweek Survey produced and delivered on the first U.S. business day of each month by Intelligence Press, Inc.;

"Off Peak" means HE 01:00 - 06:00, HE 23:00 and HE 24:00 daily;

"Off Pk Wknd" means Hour Ending ( HE ) 07:00 - 22:00 Saturday and Sunday including NERC holidays;

"Peak" means Hour Ending ( HE ) 07:00 - 22:00 Monday-Friday excluding NERC holidays;

"Platts Gas Daily" has the same meaning as "Gas Daily" as found in Section 15 of Schedule "F";

"Platts Inside FERC" means Inside FERC's Gas Market Report as published by Platts, a division of The McGraw-Hill Companies, Inc.;

"WRAP" means Monday through Friday HE 01:00 - 06:00, HE 23:00 and HE 24:00 and HE 01:00 - 24:00, Saturday and Sunday plus NERC holidays.

## Product Types

|            |  |
|------------|--|
| BS         | Physical Basis   |
| FP         | Fixed Price  |
| ID         | Physical Index   |
| HR         | An index product that converts to a fixed price contract by multiplying the traded Heat Rate (MMBTU/MWh) by the final NYMEX NG settlement price for the relevant contract month. |
| FP Spread  | Fixed Price Spread   |
| BS Spread  | Physical Basis Spread  |
| DBS        | Daily Basis Futures  |
| FP Futures | Fixed Futures  |
| BS Futures | Basis Futures  |
| ID Futures | Index Futures  |

# ICE NGX NATURAL GAS PRODUCTS - CANADA

| Product Name on ICE              | Hub Name                          | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator                   | Tariff   | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | NGX Bilateral trades on NGX as: | Minimum Futures Block Size (G/JMMBtu) |
|----------------------------------|-----------------------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|---|--|---|-------------------------------|---------------------------------|---------------------------------------|
| <b>PHYSICAL FUTURES</b>          |                                   |  |             |              |                |                          |                          |                     |                     |   |  |   |                               |                                 |                                       |
| NGX Phys FUT, BS, LD1 (USMM)     | AB-NIT                            | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | Spectra Huntingdon                | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Duke Energy Gas Transmission                        | Duke Energy Gas Transmission General Terms & Conditions                    | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL East Hereford                | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (USMM)          | TCPL East Hereford                | NGX  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL Emerson 1                    | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL Emerson 2                    | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL Enbridge CDA                 | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms and Conditions                         | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL Enbridge EDA                 | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms and Conditions                         | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL Energir EDA                  | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms and Conditions                         | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL St Clair                     | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL-Chippawa                     | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL-Iroquois                     | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | TCPL-Niagara                      | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | Union-Dawn                        | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Union Gas Limited                                   | Union General Terms  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 (USMM)     | Union-Parkway                     | NGX  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Union Gas Limited                                   | Union General Terms  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | AB-NIT / TCPL-Emerson 1           | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | AB-NIT / TCPL-Emerson 2           | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | AB-NIT / Union-Dawn               | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | TransCanada Pipelines Limited and Union Gas Limited | TransCanada Pipelines Limited Terms & Conditions and Union General Terms   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | TCPL St Clair / Union-Dawn        | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | TransCanada Pipelines Limited and Union Gas Limited | TransCanada Pipelines Limited Terms & Conditions and Union General Terms   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | Union Dawn / TCPL Enbridge CDA    | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms and Conditions | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | Union Parkway / TCPL Enbridge CDA | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms and Conditions | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | Union Dawn / TCPL Enbridge EDA    | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms and Conditions | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | Union-Dawn / TCPL Energir EDA     | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms and Conditions | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | Union-Dawn / TCPL Iroquois        | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | Union-Dawn / TCPL Chippawa        | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | Union-Dawn / TCPL Niagara         | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, BS, LD1 Spr (USMM) | Union-Dawn / Union Parkway        | NGX  | Phys        | BS Spread    | USD/MMBtu      |                          |                          |                     |                     | Union Gas Limited                                   | Union General Terms  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |

| Product Name on ICE          | Hub Name                              | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator                              | Tariff   | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | NGX Bilateral trades on NGX as: | Minimum Futures Block Size (GJ/MMBtu) |
|------------------------------|---------------------------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|--|--|---|-------------------------------|---------------------------------|---------------------------------------|
| NGX Phys FUT, FP (CA/GJ)     | AB-NIT                                | NGX  | Phys        | FP           | CAD/GJ         |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (CA/GJ)     | APC-ATP                               | NGX  | Phys        | FP           | CAD/GJ         |                          |                          |                     |                     | Alliance Pipeline L.P.   | Alliance Pipeline L.P. FERC Gas Tariff   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | APC-ATP                               | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | Alliance Pipeline L.P.   | Alliance Pipeline L.P. FERC Gas Tariff   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (CA/GJ)     | TCPL Empress                          | NGX  | Phys        | FP           | CAD/GJ         |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (CA/GJ)     | Spectra Station #2                    | NGX  | Phys        | FP           | CAD/GJ         |                          |                          |                     |                     | Duke Energy Gas Transmission                                   | Duke Energy Gas Transmission General Terms & Conditions  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (CA/GJ)     | Suffield 2                            | NGX  | Phys        | FP           | CAD/GJ         |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (CA/GJ)     | TEP                                   | NGX  | Phys        | FP           | CAD/GJ         |                          |                          |                     |                     | TransGas Limited   | TransGas Service Tariff  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | AB-NIT                                | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | Spectra Huntingdon                    | ICE  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | Duke Energy Gas Transmission                                   | Duke Energy Gas Transmission General Terms & Conditions  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | Spectra Station #2                    | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | Duke Energy Gas Transmission                                   | Duke Energy Gas Transmission General Terms & Conditions  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | TCPL Emerson 1                        | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | TCPL Emerson 2                        | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | TCPL Enbridge CDA                     | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms and Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | TCPL Enbridge EDA                     | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms and Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | TCPL Energir EDA                      | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms and Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | TCPL St Clair                         | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | TCPL-Chippawa                         | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | TCPL-Iroquois                         | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | TCPL-Niagara                          | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | Union-Dawn                            | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | Union Gas Limited  | Union General Terms  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP (US/MM)     | Union-Parkway                         | NGX  | Phys        | FP           | US/MMBtu       |                          |                          |                     |                     | Union Gas Limited  | Union General Terms  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (CA/GJ) | AB-NIT / Suffield 2                   | NGX  | Phys        | FP Spread    | CAD/GJ         |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms and Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (CA/GJ) | AB-NIT / TCPL Empress                 | NGX  | Phys        | FP Spread    | CAD/GJ         |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP SPR (CA/GJ) | APC-ATP/AB-NIT                        | NGX  | Phys        | FP Spread    | CAD/GJ         |                          |                          |                     |                     | Alliance Pipeline L.P.   | Alliance Pipeline L.P. FERC Gas Tariff   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP SPR (CA/GJ) | Spectra-Str2/AB-NIT                   | NGX  | Phys        | FP Spread    | CAD/GJ         |                          |                          |                     |                     | Duke Energy Gas Transmission and TransCanada Pipelines Limited | Duke Energy Gas Transmission General Terms & Conditions and TransCanada Pipelines Limited Terms & Conditions | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (US/MM) | Spectra Station #2/Spectra Huntingdon | NGX  | Phys        | FP Spread    | US/MMBtu       |                          |                          |                     |                     | Duke Energy Gas Transmission                                   | Duke Energy Gas Transmission General Terms & Conditions  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (US/MM) | TCPL St Clair / Union-Dawn            | NGX  | Phys        | FP Spread    | US/MMBtu       |                          |                          |                     |                     | TransCanada Pipelines Limited                                  | TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (US/MM) | Union Dawn / TCPL Enbridge CDA        | NGX  | Phys        | FP Spread    | US/MMBtu       |                          |                          |                     |                     | Union Gas Limited and TransCanada Pipelines Limited            | Union General Terms and TransCanada Pipelines Limited Terms and Conditions                                   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (US/MM) | Union Parkway / TCPL Enbridge CDA     | NGX  | Phys        | FP Spread    | US/MMBtu       |                          |                          |                     |                     | Union Gas Limited and TransCanada Pipelines Limited            | Union General Terms and TransCanada Pipelines Limited Terms and Conditions                                   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |

| Product Name on ICE                       | Hub Name                       | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1                      | Floating Price - Index 2 | Index 1 Publication         | Index 2 Publication | Hub Operator or U.S. Hub Operator                   | Tariff   | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | NGX Bilateral trades on NGX as: | Minimum Futures Block Size (GJ/MMBtu) |
|---|--------------------------------|--|-------------|--------------|----------------|---|--------------------------|-----------------------------|---------------------|---|--|---|-------------------------------|---------------------------------|---------------------------------------|
| NGX Phys FUT, FP Spr (US/MM)              | Union Dawn / TCPL Enbridge EDA | NGX  | Phys        | FP Spread    | US\$/MMBtu     |   |                          |                             |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms and Conditions | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (US/MM)              | Union Dawn / TCPL Energif EDA  | NGX  | Phys        | FP Spread    | US\$/MMBtu     |   |                          |                             |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms and Conditions | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (US/MM)              | Union-Dawn / TCPL Iroquois     | NGX  | Phys        | FP Spread    | US\$/MMBtu     |   |                          |                             |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (US/MM)              | Union-Dawn / TCPL Chippawa     | NGX  | Phys        | FP Spread    | US\$/MMBtu     |   |                          |                             |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (US/MM)              | Union-Dawn / TCPL Niagara      | NGX  | Phys        | FP Spread    | US\$/MMBtu     |   |                          |                             |                     | Union Gas Limited and TransCanada Pipelines Limited | Union General Terms and TransCanada Pipelines Limited Terms & Conditions   | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, FP Spr (US/MM)              | Union-Dawn / Union Parkway     | NGX  | Phys        | FP Spread    | US\$/MMBtu     |   |                          |                             |                     | Union Gas Limited                                   | Union General Terms  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 2a NGX (CA/GJ)          | AB-NIT                         | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Same Day Index (2A)            |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, Same Day (CAD/GJ)       | APC-ATP                        | NGX  | Phys        | ID           | CAD/GJ         |   |                          | Exchange's Website and CGPR |                     | Alliance Pipeline L.P.                              | Alliance Pipeline L.P. FERC Gas Tariff                                     | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 2a NGX (US/MM)          | AB-NIT                         | NGX  | Phys        | ID           | US\$/MMBtu     | ICE NGX AB-NIT Same Day Index (2A US)         |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, Day Ahead (CAD/GJ)      | APC-ATP                        | NGX  | Phys        | ID           | CAD/GJ         |   |                          | Exchange's Website and CGPR |                     | Alliance Pipeline L.P.                              | Alliance Pipeline L.P. FERC Gas Tariff                                     | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 4a NGX (CA/GJ)          | AB-NIT                         | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Same Day Index (4A)            |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 2a NGX (CA/GJ)          | APC-ATP                        | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Same Day Index (2A)            |                          | Exchange's Website and CGPR |                     | Alliance Pipeline L.P.                              | Alliance Pipeline L.P. FERC Gas Tariff                                     | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 5a NGX (CA/GJ)          | AB-NIT                         | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Same Day Index (5A)            |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 5a NGX (CA/GJ)          | APC-ATP                        | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Same Day Index (5A)            |                          | Exchange's Website and CGPR |                     | Alliance Pipeline L.P.                              | Alliance Pipeline L.P. FERC Gas Tariff                                     | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 5a NGX (CA/GJ)          | TEP                            | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Same Day Index (5A)            |                          | Exchange's Website and CGPR |                     | TransGas Limited                                    | TransGas Service Tariff  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 5a NGX (US/MM)          | AB-NIT                         | NGX  | Phys        | ID           | US\$/MMBtu     | ICE NGX AB-NIT Same Day Index (5A US)         |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 5a NGX (US/MM)          | APC-ATP                        | NGX  | Phys        | ID           | US\$/MMBtu     | ICE NGX AB-NIT Same Day Index (5A US)         |                          | Exchange's Website and CGPR |                     | Alliance Pipeline L.P.                              | Alliance Pipeline L.P. FERC Gas Tariff                                     | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 7a NGX (CA/GJ)          | AB-NIT                         | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Month Ahead Index (7A)         |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 7a NGX (CA/GJ)          | APC-ATP                        | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Month Ahead Index (7A)         |                          | Exchange's Website and CGPR |                     | Alliance Pipeline L.P.                              | Alliance Pipeline L.P. FERC Gas Tariff                                     | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 7a NGX (CA/GJ)          | Spectra Station #2             | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Month Ahead Index (7A)         |                          | Exchange's Website and CGPR |                     | Duke Energy Gas Transmission                        | Duke Energy Gas Transmission General Terms & Conditions                    | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 7a NGX (US/MM)          | AB-NIT                         | NGX  | Phys        | ID           | US\$/MMBtu     | ICE NGX AB-NIT Month Ahead Index (7A)         |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, 7a NGX (US/MM)          | APC-ATP                        | NGX  | Phys        | ID           | US\$/MMBtu     | ICE NGX AB-NIT Month Ahead (7A US)            |                          | Exchange's Website and CGPR |                     | Alliance Pipeline L.P.                              | Alliance Pipeline L.P. FERC Gas Tariff                                     | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, Day Ahead (US/MM)       | Union-Dawn                     | NGX  | Phys        | ID           | US\$/MMBtu     | ICE NGX Union-Dawn Day Ahead Index            |                          | Exchange's Website and CGPR |                     | Union Gas Limited                                   | Union General Terms  | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, Day Ahead (US/MM)       | TCPL Emerson 1                 | NGX  | Phys        | ID           | US\$/MMBtu     | ICE NGX TCPL Emerson 1 Day Ahead Index        |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms and Conditions                         | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, Day Ahead (US/MM)       | TCPL Emerson 2                 | NGX  | Phys        | ID           | US\$/MMBtu     | ICE NGX TCPL Emerson 2 Day Ahead Index        |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms and Conditions                         | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, Day Ahead NGX (CA/GJ)   | AB-NIT                         | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Day Ahead Index                |                          | Exchange's Website and CGPR |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, Day Ahead NGX (CA/GJ)   | APC-ATP                        | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX AB-NIT Day Ahead Index                |                          | Exchange's Website and CGPR |                     | Alliance Pipeline L.P.                              | Alliance Pipeline L.P. FERC Gas Tariff                                     | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, Month Ahead NGX (CA/GJ) | Enbridge Station #2            | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX Enbridge Station #2 Month Ahead Index |                          | Exchange's Website and CGPR |                     | Duke Energy Gas Transmission                        | Duke Energy Gas Transmission General Terms & Conditions                    | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, Day Ahead NGX (CA/GJ)   | Spectra Station #2             | NGX  | Phys        | ID           | CAD/GJ         | ICE NGX Spectra Station #2 Day Ahead Index    |                          | Exchange's Website and CGPR |                     | Duke Energy Gas Transmission                        | Duke Energy Gas Transmission General Terms & Conditions                    | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, GD (US/MM)              | Spectra Huntingdon             | ICE  | Phys        | ID           | US\$/MMBtu     | GDD   |                          | Platts Gas Daily            |                     | Duke Energy Gas Transmission                        | Duke Energy Gas Transmission General Terms & Conditions                    | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FUT, ID, IF (US/MM)              | Spectra Huntingdon             | ICE  | Phys        | ID           | US\$/MMBtu     | IF  |                          | Platts Inside Ferc          |                     | Duke Energy Gas Transmission                        | Duke Energy Gas Transmission General Terms & Conditions                    | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |
| NGX Phys FWD, FP (US/MM)                  | Spectra Huntingdon             | ICE  | Phys        | FP           | US\$/MMBtu     |   |                          |                             |                     | Duke Energy Gas Transmission                        | Duke Energy Gas Transmission General Terms & Conditions                    | N/A   | N/A                           | Forward                         | N/A                                   |
| NGX Phys FWD, ID, GD (US/MM)              | Spectra Huntingdon             | ICE  | Phys        | ID           | US\$/MMBtu     | GDD   |                          | Platts Gas Daily            |                     | Duke Energy Gas Transmission                        | Duke Energy Gas Transmission General Terms & Conditions                    | N/A   | N/A                           | Forward                         | N/A                                   |
| NGX Phys FUT, BS, LD1 (US/MM)             | TCPL North Bay Junction        | NGX  | Phys        | BS           | US\$/MMBtu     | LD1   |                          | NYMEX last day              |                     | TransCanada Pipelines Limited                       | TransCanada Pipelines Limited Terms & Conditions                           | Physically Settled Future                     | Physically Settled Future     | N/A                             | 100                                   |



# ICE NGX NATURAL GAS PRODUCTS - U.S.

| Product Name on ICE  | Hub Name      | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator      | Assigned Delivery | Tariff                            | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | Minimum Futures Block Size (MMBtu) |
|----------------------|---------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|--|-------------------|-----------------------------------|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1 | ANR-SE-T      | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | American Natural Resources Pipeline Co | N/A               | ANR FERC Gas Tariff               | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | ANR-SE-T      | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | American Natural Resources Pipeline Co | N/A               | ANR FERC Gas Tariff               | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | ANR-SE-T      | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | American Natural Resources Pipeline Co | N/A               | ANR FERC Gas Tariff               | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | ANR-SE-T      | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | American Natural Resources Pipeline Co | N/A               | ANR FERC Gas Tariff               | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | ANR-SW        | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | American Natural Resources Pipeline Co | N/A               | ANR FERC Gas Tariff               | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | ANR-SW        | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | American Natural Resources Pipeline Co | N/A               | ANR FERC Gas Tariff               | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | ANR-SW        | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | American Natural Resources Pipeline Co | N/A               | ANR FERC Gas Tariff               | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | ANR-SW        | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | American Natural Resources Pipeline Co | N/A               | ANR FERC Gas Tariff               | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | APC-ACE       | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Alliance Pipeline                      | N/A               | Alliance Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | APC-ACE       | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Alliance Pipeline                      | N/A               | Alliance Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | APC-ACE       | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Alliance Pipeline                      | N/A               | Alliance Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI | APC-ACE       | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Alliance Pipeline                      | N/A               | Alliance Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | CG - Mainline | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Columbia Gulf                          | N/A               | Columbia FERC Gas Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | CG - Mainline | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Columbia Gulf                          | N/A               | Columbia FERC Gas Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | CG - Mainline | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Columbia Gulf                          | N/A               | Columbia FERC Gas Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | CG - Mainline | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Columbia Gulf                          | N/A               | Columbia FERC Gas Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | CG - Onshore  | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Columbia Gulf                          | N/A               | Columbia FERC Gas Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | CG - Onshore  | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Columbia Gulf                          | N/A               | Columbia FERC Gas Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | CG - Onshore  | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Columbia Gulf                          | N/A               | Columbia FERC Gas Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |

| Product Name on ICE  | Hub Name             | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication                    | Index 2 Publication | Hub Operator or U.S. Hub Operator | Assigned Delivery | Tariff                             | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | Minimum Futures Block Size (MMBtu) |
|----------------------|----------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|--|---------------------|-----------------------------------|-------------------|------------------------------------|---|-------------------------------|------------------------------------|
| NG Phys FUT, ID, IF  | CG - Onshore         | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc                     |                     | Columbia Gulf                     | N/A               | Columbia FERC Gas Tariff           | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Cheyenne Hub         | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day                         |                     | Colorado Interstate Gas Company   | Yes               | CIG Pipeline Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Cheyenne Hub         | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |  |                     | Colorado Interstate Gas Company   | Yes               | CIG Pipeline Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Cheyenne Hub         | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily                       |                     | Colorado Interstate Gas Company   | Yes               | CIG Pipeline Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Cheyenne Hub         | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC CIG Rocky Mountains |                     | Colorado Interstate Gas Company   | Yes               | CIG Pipeline Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Consumers - Citygate | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day                         |                     | Consumers Energy                  | N/A               | not FERC regulated                 | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Consumers - Citygate | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |  |                     | Consumers Energy                  | N/A               | not FERC regulated                 | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Consumers - Citygate | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily                       |                     | Consumers Energy                  | N/A               | not FERC regulated                 | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Consumers - Citygate | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc                     |                     | Consumers Energy                  | N/A               | not FERC regulated                 | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Cove Point           | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          |  |                     | BHE GT&S                          | Yes               | Cove Point LNG, LP FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Cove Point           | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |  |                     | BHE GT&S                          | Yes               | Cove Point LNG, LP FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Cove Point           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily                       |                     | BHE GT&S                          | Yes               | Cove Point LNG, LP FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Eastern Gas - North  | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day                         |                     | Eastern Gas Transmission System   | N/A               | Eastern Gas Transmission Tariff    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Eastern Gas - North  | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |  |                     | Eastern Gas Transmission System   | N/A               | Eastern Gas Transmission Tariff    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Eastern Gas - North  | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily                       |                     | Eastern Gas Transmission System   | N/A               | Eastern Gas Transmission Tariff    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Eastern Gas - North  | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC                     |                     | Eastern Gas Transmission System   | N/A               | Eastern Gas Transmission Tariff    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Eastern Gas - South  | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day                         |                     | Eastern Gas Transmission System   | N/A               | Eastern Gas Transmission Tariff    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Eastern Gas - South  | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |  |                     | Eastern Gas Transmission System   | N/A               | Eastern Gas Transmission Tariff    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Eastern Gas - South  | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily                       |                     | Eastern Gas Transmission System   | N/A               | Eastern Gas Transmission Tariff    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Eastern Gas - South  | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc                     |                     | Eastern Gas Transmission System   | N/A               | Eastern Gas Transmission Tariff    | Physically Settled Future                     | Physically Settled Future     | 100                                |

| Product Name on ICE  | Hub Name                      | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator      | Assigned Delivery | Tariff                                     | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | Minimum Futures Block Size (MMBtu) |
|----------------------|-------------------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|--|-------------------|--|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1 | EGT-Flex                      | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Enable Midstream Partners              | N/A               | Enable FERC Gas Tariff                     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | EGT-Flex                      | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Enable Midstream Partners              | N/A               | Enable FERC Gas Tariff                     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | EGT-Flex                      | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Enable Midstream Partners              | N/A               | Enable FERC Gas Tariff                     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | EGT-Flex                      | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Enable Midstream Partners              | N/A               | Enable FERC Gas Tariff                     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | El Paso Keystone              | ICE  | Phys        | BS           | USD/Mmbtu      | LD1                      |                          | NYMEX last day      |                     | El Paso Pipeline                       | N/A               | El Paso Ferc Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | El Paso Keystone              | ICE  | Phys        | FP           | USD/Mmbtu      |                          |                          |                     |                     | El Paso Pipeline                       | N/A               | El Paso Ferc Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | El Paso Keystone (EP Perm ID) | ICE  | Phys        | ID           | USD/Mmbtu      | GDD                      |                          | Platt's Gas Daily   |                     | El Paso Pipeline                       | N/A               | El Paso Ferc Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | El Paso Keystone (EP WTX ID)  | ICE  | Phys        | ID           | USD/Mmbtu      | GDD                      |                          | Platt's Gas Daily   |                     | El Paso Pipeline                       | N/A               | El Paso Ferc Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | El Paso Keystone (EP Perm ID) | ICE  | Phys        | ID           | USD/Mmbtu      | IF                       |                          | Platt's Inside FERC |                     | El Paso Pipeline                       | N/A               | El Paso Ferc Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | El Paso Keystone (EP WTX ID)  | ICE  | Phys        | ID           | USD/Mmbtu      | IF                       |                          | Platt's Inside FERC |                     | El Paso Pipeline                       | N/A               | El Paso Ferc Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | El Paso San Juan Blanco Pool  | ICE  | Phys        | BS           | USD/Mmbtu      | LD1                      |                          | NYMEX last day      |                     | El Paso Pipeline                       | N/A               | El Paso FERC Gas Tariff                    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | El Paso San Juan Blanco Pool  | ICE  | Phys        | FP           | USD/Mmbtu      |                          |                          |                     |                     | El Paso Pipeline                       | N/A               | El Paso FERC Gas Tariff                    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | El Paso San Juan Blanco Pool  | ICE  | Phys        | ID           | USD/Mmbtu      | GDD                      |                          | Platt's Gas Daily   |                     | El Paso Pipeline                       | N/A               | El Paso FERC Gas Tariff                    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | El Paso San Juan Blanco Pool  | ICE  | Phys        | ID           | USD/Mmbtu      | IF                       |                          | Platt's Inside FERC |                     | El Paso Pipeline                       | N/A               | El Paso FERC Gas Tariff                    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | FGT-Z3                        | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Florida Gas Transmission Company, LLC  | N/A               | FGT FERC Gas Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | FGT-Z3                        | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Florida Gas Transmission Company, LLC  | N/A               | FGT FERC Gas Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | FGT-Z3                        | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Florida Gas Transmission Company, LLC  | N/A               | FGT FERC Gas Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | FGT-Z3                        | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Florida Gas Transmission Company, LLC  | N/A               | FGT FERC Gas Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | GTN - Stanfield               | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Gas Transmission Northwest Corporation | N/A               | Gas Transmission Northwest FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | GTN - Stanfield               | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Gas Transmission Northwest Corporation | N/A               | Gas Transmission Northwest FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |

| Product Name on ICE  | Hub Name        | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator                           | Assigned Delivery | Tariff  | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | Minimum Futures Block Size (MMBtu) |
|----------------------|-----------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|---|-------------------|---|---|-------------------------------|------------------------------------|
| NG Phys FUT, ID, GDD | GTN - Stanfield | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI | GTN - Stanfield | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | GTN-Kingsgate   | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | GTN-Kingsgate   | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI | GTN-Kingsgate   | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | GTN-Kingsgate   | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | GTN-Malin       | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | GTN-Malin       | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | GTN-Malin       | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI | GTN-Malin       | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Gas Transmission Northwest Corporation                      | N/A               | Gas Transmission Northwest FERC Gas Tariff            | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Henry           | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Sabine Hub Services (US Pipeline Operator: Sabine Pipeline) | N/A               | Sabine Hub Services Gas Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Henry           | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Sabine Hub Services (US Pipeline Operator: Sabine Pipeline) | N/A               | Sabine Hub Services Gas Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Henry           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Sabine Hub Services (US Pipeline Operator: Sabine Pipeline) | N/A               | Sabine Hub Services Gas Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Henry           | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Sabine Hub Services (US Pipeline Operator: Sabine Pipeline) | N/A               | Sabine Hub Services Gas Tariff                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | HSC-HPL Pool    | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Energy Transfer Partners LP                                 | N/A               | Railroad Commission of Texas Houston Pipe Line Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | HSC-HPL Pool    | ICE  | Phys        | FP           |                |                          |                          |                     |                     | Energy Transfer Partners LP                                 | N/A               | Railroad Commission of Texas Houston Pipe Line Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | HSC-HPL Pool    | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Energy Transfer Partners LP                                 | N/A               | Railroad Commission of Texas Houston Pipe Line Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | HSC-HPL Pool    | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Energy Transfer Partners LP                                 | N/A               | Railroad Commission of Texas Houston Pipe Line Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |

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|----------------------|-----------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|-----------------------------------|-------------------|---|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1 | Iroquois (Into)       | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Iroquois Gas Transmission         | Yes               | IGT FERC Gas Tariff                             | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Iroquois (Into)       | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Iroquois Gas Transmission         | Yes               | IGT FERC Gas Tariff                             | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Iroquois (Into)       | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Iroquois Gas Transmission         | Yes               | IGT FERC Gas Tariff                             | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Iroquois (Into)       | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Iroquois Gas Transmission         | Yes               | IGT FERC Gas Tariff                             | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Katy Enstor           | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Enstor Katy Storage               | N/A               | Railroad Commission of Texas Enstor Katy Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Katy Enstor           | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Enstor Katy Storage               | N/A               | Railroad Commission of Texas Enstor Katy Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Katy Enstor           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platt's Gas Daily   |                     | Enstor Katy Storage               | N/A               | Railroad Commission of Texas Enstor Katy Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Katy Enstor (HSC id)  | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Enstor Katy Storage               | N/A               | Railroad Commission of Texas Enstor Katy Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Katy Enstor (Katy id) | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Enstor Katy Storage               | N/A               | Railroad Commission of Texas Enstor Katy Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Katy Oasis            | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Energy Transfer Partners LP       | Yes               | Railroad Commission of Texas Oasis Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Katy Oasis            | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Energy Transfer Partners LP       | Yes               | Railroad Commission of Texas Oasis Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Katy Oasis            | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Energy Transfer Partners LP       | Yes               | Railroad Commission of Texas Oasis Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Katy Oasis (HSC id)   | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Energy Transfer Partners LP       | Yes               | Railroad Commission of Texas Oasis Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Katy Oasis (Katy id)  | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Energy Transfer Partners LP       | Yes               | Railroad Commission of Texas Oasis Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | KRGT - Del Pool       | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Kern River Gas Transmission Co.   | N/A               | Kern River Gas Transmission FERC Tariff         | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | KRGT - Del Pool       | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Kern River Gas Transmission Co.   | N/A               | Kern River Gas Transmission FERC Tariff         | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI | KRGT - Del Pool       | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Kern River Gas Transmission Co.   | N/A               | Kern River Gas Transmission FERC Tariff         | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | KRGT - Del Pool       | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Kern River Gas Transmission Co.   | N/A               | Kern River Gas Transmission FERC Tariff         | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | KRGT - Rec Pool       | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Kern River Gas Transmission Co.   | N/A               | Kern River Gas Transmission FERC Tariff         | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | KRGT - Rec Pool       | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Kern River Gas Transmission Co.   | N/A               | Kern River Gas Transmission FERC Tariff         | Physically Settled Future                     | Physically Settled Future     | 100                                |

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|----------------------|----------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|---|-------------------|---|---|-------------------------------|------------------------------------|
| NG Phys FUT, ID, IF  | KRGT - Rec Pool      | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Kern River Gas Transmission Co.           | N/A               | Kern River Gas Transmission FERC Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | KRGT - Rec Pool      | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Kern River Gas Transmission Co.           | N/A               | Kern River Gas Transmission FERC Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Leidy-Transco        | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                 | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Leidy-Transco        | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                 | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Leidy-Transco        | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                 | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Leidy-Transco        | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                 | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Michcon              | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Michcon                                   | Yes               | not FERC regulated                      | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Michcon              | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Michcon                                   | Yes               | not FERC regulated                      | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Michcon              | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Michcon                                   | Yes               | not FERC regulated                      | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Michcon              | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Michcon                                   | Yes               | not FERC regulated                      | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Millennium East Pool | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Millennium Pipeline                       | N/A               | Millennium Pipeline FERC Gas Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Millennium East Pool | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Millennium Pipeline                       | N/A               | Millennium Pipeline FERC Gas Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Millennium East Pool | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Millennium Pipeline                       | N/A               | Millennium Pipeline FERC Gas Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Millennium East Pool | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Millennium Pipeline                       | N/A               | Millennium Pipeline FERC Gas Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Moss Bluff Inter     | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Spectra Energy Transmission               | Yes               | not FERC regulated                      | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Moss Bluff Inter     | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Spectra Energy Transmission               | Yes               | not FERC regulated                      | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | NBPL - Ventura       | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Northern Border Pipeline                  | N/A               | NBPL Ferc Gas Tariff                    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | NBPL - Ventura       | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Northern Border Pipeline                  | N/A               | NBPL Ferc Gas Tariff                    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | NBPL - Ventura       | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Northern Border Pipeline                  | N/A               | NBPL Ferc Gas Tariff                    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | NBPL - Ventura       | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Northern Border Pipeline                  | N/A               | NBPL Ferc Gas Tariff                    | Physically Settled Future                     | Physically Settled Future     | 100                                |

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|----------------------|-------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|-----------------------------------|-------------------|----------------------|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1 | NGPL - Nicor      | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | NGPL - Nicor      | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | NGPL - Nicor      | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI | NGPL - Nicor      | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | NGPL - Nipsco     | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | NGPL - Nipsco     | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | NGPL - Nipsco     | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI | NGPL - Nipsco     | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | NGPL - STX        | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | NGPL - STX        | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | NGPL - STX        | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | NGPL - STX        | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | NGPL Midcont Pool | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | NGPL Midcont Pool | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | NGPL Midcont Pool | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | NGPL Midcont Pool | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | NGPL TXOK East    | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | NGPL TXOK East    | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | NGPL TXOK East    | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | NGPL TXOK East    | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Natural Gas Pipeline              | N/A               | NGPL FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |

| Product Name on ICE  | Hub Name        | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication                    | Index 2 Publication | Hub Operator or U.S. Hub Operator | Assigned Delivery | Tariff                                    | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | Minimum Futures Block Size (MMBtu) |
|----------------------|-----------------|--|-------------|--------------|----------------|--------------------------|--------------------------|--|---------------------|-----------------------------------|-------------------|---|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1 | NNG-Demarc      | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day                         |                     | Northern Natural Gas              | N/A               | Northern FERC Gas Tariff                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | NNG-Demarc      | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |  |                     | Northern Natural Gas              | N/A               | Northern FERC Gas Tariff                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | NNG-Demarc      | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily                       |                     | Northern Natural Gas              | N/A               | Northern FERC Gas Tariff                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | NNG-Demarc      | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc                     |                     | Northern Natural Gas              | N/A               | Northern FERC Gas Tariff                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | NNG-Ventura     | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day                         |                     | Northern Natural Gas Co.          | N/A               | NNG FERC Gas Tariff                       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | NNG-Ventura     | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |  |                     | Northern Natural Gas Co.          | N/A               | NNG FERC Gas Tariff                       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | NNG-Ventura     | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily                       |                     | Northern Natural Gas Co.          | N/A               | NNG FERC Gas Tariff                       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | NNG-Ventura     | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC                     |                     | Northern Natural Gas Co.          | N/A               | NNG FERC Gas Tariff                       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Oasis-Waha Pool | ICE  | Phys        | BS           | USD/Mmbtu      | LD1                      |                          | NYMEX last day                         |                     | Energy Transfer Partners LP       | N/A               | Railroad Commission of Texas Oasis Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Oasis-Waha Pool | ICE  | Phys        | FP           | USD/Mmbtu      |                          |                          |  |                     | Energy Transfer Partners LP       | N/A               | Railroad Commission of Texas Oasis Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Oasis-Waha Pool | ICE  | Phys        | ID           | USD/Mmbtu      | GDD                      |                          | Platts Gas Daily                       |                     | Energy Transfer Partners LP       | N/A               | Railroad Commission of Texas Oasis Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Oasis-Waha Pool | ICE  | Phys        | ID           | USD/Mmbtu      | IF                       |                          | Platts Inside FERC                     |                     | Energy Transfer Partners LP       | N/A               | Railroad Commission of Texas Oasis Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | OGT             | ICE  | Phys        | BS           | USD/Mmbtu      | LD1                      |                          | NYMEX last day                         |                     | Oneok Gas Transportation, LLC     | N/A               | Oneok Gas Transportation Tariff           | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | OGT             | ICE  | Phys        | FP           | USD/Mmbtu      |                          |                          |  |                     | Oneok Gas Transportation, LLC     | N/A               | Oneok Gas Transportation Tariff           | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | OGT             | ICE  | Phys        | ID           | USD/Mmbtu      | GDD                      |                          | Platts Gas Daily                       |                     | Oneok Gas Transportation, LLC     | N/A               | Oneok Gas Transportation Tariff           | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | OGT             | ICE  | Phys        | ID           | USD/Mmbtu      | IF                       |                          | Platts Inside FERC                     |                     | Oneok Gas Transportation, LLC     | N/A               | Oneok Gas Transportation Tariff           | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Opal            | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day                         |                     | Williams                          | N/A               | not FERC regulated                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Opal            | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |  |                     | Williams                          | N/A               | not FERC regulated                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Opal            | ICE  | Phys        | ID           | USD/Mmbtu      | GDD                      |                          | Platts Gas Daily                       |                     | Williams                          | N/A               | not FERC regulated                        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Opal            | ICE  | Phys        | ID           | USD/Mmbtu      | IF                       |                          | Platts Inside FERC, N/W Pipeline Rocky |                     | Williams                          | N/A               | not FERC regulated                        | Physically Settled Future                     | Physically Settled Future     | 100                                |

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|------------------------|---------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|-----------------------------------|-------------------|---|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1   | Panhandle     | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Panhandle Eastern                 | N/A               | Panhandle FERC Gas Tariff                       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP        | Panhandle     | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Panhandle Eastern                 | N/A               | Panhandle FERC Gas Tariff                       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD   | Panhandle     | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Panhandle Eastern                 | N/A               | Panhandle FERC Gas Tariff                       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF    | Panhandle     | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Panhandle Eastern                 | N/A               | Panhandle FERC Gas Tariff                       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1   | PG&E-Citygate | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Pacific Gas and Electric Company  | N/A               | Pacific Gas and Electric Company Tariff Book    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP        | PG&E-Citygate | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Pacific Gas and Electric Company  | N/A               | Pacific Gas and Electric Company Tariff Book    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD   | PG&E-Citygate | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Pacific Gas and Electric Company  | N/A               | Pacific Gas and Electric Company Tariff Book    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI   | PG&E-Citygate | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Pacific Gas and Electric Company  | N/A               | Pacific Gas and Electric Company Tariff Book    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1   | PG&E-Topock   | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Pacific Gas and Electric Company  | N/A               | Pacific Gas and Electric Company Tariff Book    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP        | PG&E-Topock   | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Pacific Gas and Electric Company  | N/A               | Pacific Gas and Electric Company Tariff Book    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD   | PG&E-Topock   | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Pacific Gas and Electric Company  | N/A               | Pacific Gas and Electric Company Tariff Book    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI   | PG&E-Topock   | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Pacific Gas and Electric Company  | N/A               | Pacific Gas and Electric Company Tariff Book    | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG, Phys, FUT, BS, LD1 | Pine Prairie  | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | PINE PRAIRIE ENERGY CENTER, LLC   | N/A               | PINE PRAIRIE ENERGY CENTER, LLC FERC GAS TARIFF | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP        | Pine Prairie  | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | PINE PRAIRIE ENERGY CENTER, LLC   | N/A               | PINE PRAIRIE ENERGY CENTER, LLC FERC GAS TARIFF | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD   | Pine Prairie  | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | PINE PRAIRIE ENERGY CENTER, LLC   | N/A               | PINE PRAIRIE ENERGY CENTER, LLC FERC GAS TARIFF | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG, Phys FUT, ID, IF   | Pine Prairie  | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | PINE PRAIRIE ENERGY CENTER, LLC   | N/A               | PINE PRAIRIE ENERGY CENTER, LLC FERC GAS TARIFF | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1   | REX E-ANR     | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP        | REX E-ANR     | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD   | REX E-ANR     | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff        | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF    | REX E-ANR     | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff        | Physically Settled Future                     | Physically Settled Future     | 100                                |

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|----------------------|------------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|-----------------------------------|-------------------|--|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1 | REX E-NGPL             | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | REX E-NGPL             | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | REX E-NGPL             | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | REX E-NGPL             | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | REX E-MidW             | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | REX E-MidW             | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | REX E-MidW             | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | REX E-MidW             | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | REX E-PEPL             | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | REX E-PEPL             | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | REX E-PEPL             | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | REX E-PEPL             | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | REX E-Trunk            | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | REX E-Trunk            | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | REX E-Trunk            | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | REX E-Trunk            | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Rockies Express Pipeline          | Yes               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | REX Cheyenne Comp Pool | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Rockies Express Pipeline          | N/A               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | REX Cheyenne Comp Pool | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Rockies Express Pipeline          | N/A               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | REX Cheyenne Comp Pool | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Rockies Express Pipeline          | N/A               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | REX Cheyenne Comp Pool | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Rockies Express Pipeline          | N/A               | Rockies Express Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |

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|----------------------|--------------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|---|-------------------|---|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1 | Socal Citygate           | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Southern California Gas Co                | N/A               | CPUC tariff   | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Socal Citygate           | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Southern California Gas Co                | N/A               | CPUC tariff   | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Socal Citygate           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Southern California Gas Co                | N/A               | CPUC tariff   | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, NGI | Socal Citygate           | ICE  | Phys        | ID           | USD/MMBtu      | NGI                      |                          | NGI                 |                     | Southern California Gas Co                | N/A               | CPUC tariff   | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Sonat-Z0 South           | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Southern Natural Gas Company, LLC         | N/A               | Southern Natural Gas Company, LLC FERC Tariff             | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Sonat-Z0 South           | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Southern Natural Gas Company, LLC         | N/A               | Southern Natural Gas Company, LLC FERC Tariff             | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Sonat-Z0 South           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Southern Natural Gas Company, LLC         | N/A               | Southern Natural Gas Company, LLC FERC Tariff             | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Sonat-Z0 South           | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Southern Natural Gas Company, LLC         | N/A               | Southern Natural Gas Company, LLC FERC Tariff             | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Stagecoach Marcellus Hub | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Central New York Oil And Gas Company, LLC | N/A               | Central New York Oil And Gas Company, LLC FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Stagecoach Marcellus Hub | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Central New York Oil And Gas Company, LLC | N/A               | Central New York Oil And Gas Company, LLC FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TCO                      | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Columbia Gas Transmission                 | N/A               | Columbia FERC Gas Tariff                                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TCO                      | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Columbia Gas Transmission                 | N/A               | Columbia FERC Gas Tariff                                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TCO                      | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Columbia Gas Transmission                 | N/A               | Columbia FERC Gas Tariff                                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TCO                      | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Columbia Gas Transmission                 | N/A               | Columbia FERC Gas Tariff                                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS LD1  | TCO-A04 Pool             | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Columbia Gas Transmission                 | N/A               | Columbia FERC Gas Tariff                                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TCO-A04 Pool             | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Columbia Gas Transmission                 | N/A               | Columbia FERC Gas Tariff                                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TCO-A04 Pool             | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Columbia Gas Transmission                 | N/A               | Columbia FERC Gas Tariff                                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TCO-A04 Pool             | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Columbia Gas Transmission                 | N/A               | Columbia FERC Gas Tariff                                  | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TETCO ELA                | ICE  | Phys        | BS           | USD/Mmbtu      | LD1                      |                          | NYMEX last day      |                     | Texas Eastern Transmission Corp           | N/A               | Texas Eastern Ferc Tariff                                 | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TETCO ELA                | ICE  | Phys        | FP           | USD/Mmbtu      |                          |                          |                     |                     | Texas Eastern Transmission Corp           | N/A               | Texas Eastern Ferc Tariff                                 | Physically Settled Future                     | Physically Settled Future     | 100                                |

| Product Name on ICE  | Hub Name           | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator | Assigned Delivery | Tariff                        | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | Minimum Futures Block Size (MMBtu) |
|----------------------|--------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|-----------------------------------|-------------------|-------------------------------|---|-------------------------------|------------------------------------|
| NG Phys FUT, ID, GDD | TETCO ELA          | ICE  | Phys        | ID           | USD/Mmbtu      | GDD                      |                          | Platt's Gas Daily   |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern Ferc Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TETCO ELA          | ICE  | Phys        | ID           | USD/Mmbtu      | IF                       |                          | Platt's Inside FERC |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern Ferc Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TETCO M1-30        | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TETCO M1-30        | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TETCO M1-30        | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platt's Gas Daily   |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TETCO M1-30        | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platt's Inside FERC |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TETCO M2 (receipt) | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Texas Eastern Transmission Corp   | Yes               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TETCO M2 (receipt) | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Texas Eastern Transmission Corp   | Yes               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TETCO M2 (receipt) | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platt's Gas Daily   |                     | Texas Eastern Transmission Corp   | Yes               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TETCO M2 (receipt) | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platt's Inside FERC |                     | Texas Eastern Transmission Corp   | Yes               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TETCO M3           | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Texas Eastern Transmission Corp   | Yes               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TETCO M3           | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Texas Eastern Transmission Corp   | Yes               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TETCO M3           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platt's Gas Daily   |                     | Texas Eastern Transmission Corp   | Yes               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TETCO M3           | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platt's Inside FERC |                     | Texas Eastern Transmission Corp   | Yes               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TETCO STX          | ICE  | Phys        | BS           | USD/Mmbtu      | LD1                      |                          | NYMEX last day      |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern Ferc Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TETCO STX          | ICE  | Phys        | FP           | USD/Mmbtu      |                          |                          |                     |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern Ferc Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TETCO STX          | ICE  | Phys        | ID           | USD/Mmbtu      | GDD                      |                          | Platt's Gas Daily   |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern Ferc Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TETCO STX          | ICE  | Phys        | ID           | USD/Mmbtu      | IF                       |                          | Platt's Inside FERC |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern Ferc Tariff     | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TETCO WLA          | ICE  | Phys        | BS           | USD/Mmbtu      | LD1                      |                          | NYMEX last day      |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TETCO WLA          | ICE  | Phys        | FP           | USD/Mmbtu      |                          |                          |                     |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |

| Product Name on ICE  | Hub Name       | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator | Assigned Delivery | Tariff                                 | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | Minimum Futures Block Size (MMBtu) |
|----------------------|----------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|-----------------------------------|-------------------|--|---|-------------------------------|------------------------------------|
| NG Phys FUT, ID, GDD | TETCO WLA      | ICE  | Phys        | ID           | USD/Mmbtu      | GDD                      |                          | Platt's Gas Daily   |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern FERC Gas Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TETCO WLA      | ICE  | Phys        | ID           | USD/Mmbtu      | IF                       |                          | Platt's Inside FERC |                     | Texas Eastern Transmission Corp   | N/A               | Texas Eastern FERC Gas Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TGP - 500L     | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee FERC Gas Tariff              | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TGP - 500L     | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee FERC Gas Tariff              | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TGP - 500L     | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee FERC Gas Tariff              | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TGP - 500L     | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee FERC Gas Tariff              | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TGP - 800L     | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee FERC Gas Tariff              | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TGP - 800L     | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee FERC Gas Tariff              | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TGP - 800L     | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee FERC Gas Tariff              | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TGP - 800L     | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee FERC Gas Tariff              | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TGP-Z0 North   | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee Gas Pipeline Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TGP-Z0 North   | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee Gas Pipeline Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TGP-Z0 North   | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee Gas Pipeline Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TGP-Z0 North   | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee Gas Pipeline Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TGP-Z0 South   | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee Gas Pipeline Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TGP-Z0 South   | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee Gas Pipeline Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | TGP-Z0 South   | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee Gas Pipeline Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | TGP-Z0 South   | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Tennessee Gas Pipeline Co         | N/A               | Tennessee Gas Pipeline Tariff          | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | TGT - Mainline | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Texas Gas Transmission Corp       | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | TGT - Mainline | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Texas Gas Transmission Corp       | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |

| Product Name on ICE    | Hub Name                 | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator         | Assigned Delivery | Tariff                                 | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | Minimum Futures Block Size (MMBtu) |
|------------------------|--------------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|---|-------------------|--|---|-------------------------------|------------------------------------|
| NG Phys FUT, ID, GDD   | TGT - Mainline           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF    | TGT - Mainline           | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1   | TGT - N. La              | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP        | TGT - N. La              | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD   | TGT - N. La              | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF    | TGT - N. La              | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF    | TGT - SL                 | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1   | TGT - SL                 | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP        | TGT - SL                 | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD   | TGT - SL                 | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Texas Gas Transmission Corp               | N/A               | Texas Gas Transmission FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG, Phys FUT, BS, LD1  | Transco-River Road       | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG, Phys, FUT, FP      | Transco-River Road       | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG, Phys, FUT, ID, GDD | Transco-River Road       | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG, Phys, FUT, ID, IF  | Transco-River Road       | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1   | Transco - Z6 NNY         | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP        | Transco - Z6 NNY         | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD   | Transco - Z6 NNY         | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF    | Transco - Z6 NNY         | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1   | Transco - Z6 NNY (North) | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP        | Transco - Z6 NNY (North) | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff                | Physically Settled Future                     | Physically Settled Future     | 100                                |

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|----------------------|--------------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|---|-------------------|-------------------------|---|-------------------------------|------------------------------------|
| NG Phys FUT, ID, GDD | Transco - Z6 NNY (North) | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Transco - Z6 NNY (North) | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Transco - 6 NY           | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Transco - 6 NY           | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Transco - 6 NY           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Transco - 6 NY           | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Transco - 65             | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Transco - 65             | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys Fut, ID, GDD | Transco-65 (65 id)       | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys Fut, ID, IF  | Transco-65 (65 id)       | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Transco - 65 (z3 id)     | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Transco - 65 (z3 id)     | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Transco - 85             | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Transco - 85             | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Transco - 85             | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Transco - 85             | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Transco - Station 30     | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Transco - Station 30     | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Transco - Station 30     | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Transco - Station 30     | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |

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|----------------------|------------------------------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|---|-------------------|-------------------------------|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1 | Transco - Z5 South           | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Transco - Z5 South           | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Transco - Z5 South           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Transco - Z5 South           | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Transco-Z6 (NON-NY NORTH ML) | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Transco-Z6 (NON-NY NORTH ML) | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Transco-Z6 (NON-NY NORTH ML) | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Transco-Z6 (NON-NY NORTH ML) | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Transcontinental Gas Pipeline Corporation | Yes               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Transco-Z6 Sta-210           | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Transco-Z6 Sta-210           | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Transco-Z6 Sta-210           | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Transco-Z6 Sta-210           | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside Ferc  |                     | Transcontinental Gas Pipeline Corporation | N/A               | Transco FERC Gas Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Trunkline ELA                | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Trunkline Gas Co.                         | N/A               | Trunkline Gas Pipeline Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Trunkline ELA                | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Trunkline Gas Co.                         | N/A               | Trunkline Gas Pipeline Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Trunkline ELA                | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Trunkline Gas Co.                         | N/A               | Trunkline Gas Pipeline Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Trunkline ELA                | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Trunkline Gas Co.                         | N/A               | Trunkline Gas Pipeline Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Trunkline WLA                | ICE  | Phys        | BS           | USD/MMBtu      | LD1                      |                          | NYMEX last day      |                     | Trunkline Gas Co.                         | N/A               | Trunkline Gas Pipeline Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Trunkline WLA                | ICE  | Phys        | FP           | USD/MMBtu      |                          |                          |                     |                     | Trunkline Gas Co.                         | N/A               | Trunkline Gas Pipeline Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Trunkline WLA                | ICE  | Phys        | ID           | USD/MMBtu      | GDD                      |                          | Platts Gas Daily    |                     | Trunkline Gas Co.                         | N/A               | Trunkline Gas Pipeline Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Trunkline WLA                | ICE  | Phys        | ID           | USD/MMBtu      | IF                       |                          | Platts Inside FERC  |                     | Trunkline Gas Co.                         | N/A               | Trunkline Gas Pipeline Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |

| Product Name on ICE  | Hub Name        | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator | Assigned Delivery | Tariff                              | Accessed via WebICE and trades/Clears as NGX: | OTC Clears thru DCO As (EFRP) | Minimum Futures Block Size (MMBtu) |
|----------------------|-----------------|--|-------------|--------------|---------------|--------------------------|--------------------------|---------------------|---------------------|-----------------------------------|-------------------|-------------------------------------|---|-------------------------------|------------------------------------|
| NG Phys FUT, BS, LD1 | Trunkline Z1A   | ICE  | Phys        | BS           | USD/MMBtu     | LD1                      |                          | NYMEX last day      |                     | Trunkline Gas Co.                 | N/A               | Trunkline Gas Pipeline Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Trunkline Z1A   | ICE  | Phys        | FP           | USD/MMBtu     |                          |                          |                     |                     | Trunkline Gas Co.                 | N/A               | Trunkline Gas Pipeline Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Trunkline Z1A   | ICE  | Phys        | ID           | USD/MMBtu     | GDD                      |                          | Platts Gas Daily    |                     | Trunkline Gas Co.                 | N/A               | Trunkline Gas Pipeline Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Trunkline Z1A   | ICE  | Phys        | ID           | USD/MMBtu     | IF                       |                          | Platts Inside FERC  |                     | Trunkline Gas Co.                 | N/A               | Trunkline Gas Pipeline Tariff       | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | Waha            | ICE  | Phys        | BS           | USD/MMBtu     | LD1                      |                          | NYMEX last day      |                     | Enterprise Pipeline               | Yes               | Enterprise Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | Waha            | ICE  | Phys        | FP           | USD/MMBtu     |                          |                          |                     |                     | Enterprise Pipeline               | Yes               | Enterprise Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | Waha            | ICE  | Phys        | ID           | USD/MMBtu     | GDD                      |                          | Platts Gas Daily    |                     | Enterprise Pipeline               | Yes               | Enterprise Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | Waha            | ICE  | Phys        | ID           | USD/MMBtu     | IF                       |                          | Platts Inside FERC  |                     | Enterprise Pipeline               | Yes               | Enterprise Pipeline FERC Gas Tariff | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, BS, LD1 | White River Hub | ICE  | Phys        | BS           | USD/MMBtu     | LD1                      |                          | NYMEX last day      |                     | MountainWest Pipeline, LLC        | Yes               | White River Hub, LLC                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, FP      | White River Hub | ICE  | Phys        | FP           | USD/MMBtu     |                          |                          |                     |                     | MountainWest Pipeline, LLC        | Yes               | White River Hub, LLC                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, GDD | White River Hub | ICE  | Phys        | ID           | USD/MMBtu     | GDD                      |                          | Platts Gas Daily    |                     | MountainWest Pipeline, LLC        | Yes               | White River Hub, LLC                | Physically Settled Future                     | Physically Settled Future     | 100                                |
| NG Phys FUT, ID, IF  | White River Hub | ICE  | Phys        | ID           | USD/MMBtu     | IF                       |                          | Platts Inside Ferc  |                     | MountainWest Pipeline, LLC        | Yes               | White River Hub, LLC                | Physically Settled Future                     | Physically Settled Future     | 100                                |

**TOTAL U.S. Physical  
Natgas Futures**

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# ICE NGX ELECTRICITY PRODUCTS - CANADA

| Product Name on ICE   | Hub Name              | NGX Product =<br>NGX; NGX Cleared<br>Product = ICE | Phys or<br>Fin | Product Type | Unit/<br>Currency | Floating<br>Price -<br>Index 1 | Floating Price -<br>Index 2                         | Index 1<br>Publication | Index 2<br>Publication | Accessed via<br>WebICE and<br>trades/Clears as<br>NGX: | OTC Clears thru DCO<br>As (EFRP) | Minimum<br>Futures<br>Block Size<br>(Mwh or %<br>equivalent) |
|---|-----------------------|--|----------------|--------------|-------------------|--------------------------------|---|------------------------|------------------------|--|----------------------------------|--|
| NGX Fin FUT FF, FP for AESO Ext Off Peak                          | AB Ext Off Peak       | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | AEFP  |                        | AESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 8  |
| NGX Fin FUT FF, FP for AESO Ext Peak                              | AB Ext Peak           | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | AEFP  |                        | AESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 16   |
| NGX Fin FUT IS Ext Peak, AESO for RRO                             | AB Ext Peak Index     | NGX  | Fin            | ID-DS        | CAD/MWh           | AEFP                           | ICE NGX Alberta<br>Extended Peak<br>Electricity RRO | AESO                   | Exchange's<br>Website  | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 16   |
| NGX Fin FUT FF, FP for AESO Flat                                  | AB Flat               | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | AEFP  |                        | AESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 24   |
| NGX Fin FUT IS Flat, AESO for RRO                                 | AB Flat Index         | NGX  | Fin            | ID-DS        | CAD/MWh           | AEFP                           | ICE NGX Alberta<br>Flat Electricity<br>RRO          | AESO                   | Exchange's<br>Website  | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 24   |
| NGX Fin FUT FF, FP for AESO Off Peak                              | AB Off Peak           | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | AEFP  |                        | AESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 8  |
| NGX Fin FUT FF, FP for AESO OnPeak                                | AB On Peak            | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | AEFP  |                        | AESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 16   |
| NGX Fin FUT FF, FP for AESO Super Peak                            | AB Super Peak         | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | AEFP  |                        | AESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 6  |
| NGX Fin FUT FF, FP for IESO Ext Off Peak                          | ON Ext Off Peak       | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | HOEP  |                        | IESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 8  |
| NGX Fin FUT FF, FP for IESO Ext Peak                              | ON Ext Peak           | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | HOEP  |                        | IESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 16   |
| NGX Fin FUT FF, FP for IESO Flat                                  | ON Flat               | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | HOEP  |                        | IESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 24   |
| NGX Fin FUT FF, FP for IESO Off Peak                              | ON Off Peak           | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | HOEP  |                        | IESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 8  |
| NGX Fin FUT FF, FP for IESO Peak                                  | ON On Peak            | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | HOEP  |                        | IESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 16   |
| NGX Fin FUT FF, FP for AESO Hourly                                | AB Hourly             | NGX  | Fin            | FP-DS        | CAD/MWh           |                                | AEFP  | AESO                   | AESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 1  |
| NGX Fin FUT FF, FP for MISI Intertie Flat                         | Ontario MISI Intertie | NGX  | FIN            | FP-DS        | CAD/MWh           |                                | MISI ENGY   |                        | IESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 24   |
| NGX Fin FUT FF, FP for MISI Intertie Flat Spr                     | Ontario/MISI Intertie | NGX  | FIN            | FP Spread-DS | CAD/MWh           |                                |   |                        |                        | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 24   |
| NGX Fin FUT FF, FP for NYSI Intertie Flat                         | Ontario NYSI Intertie | NGX  | FIN            | FP-DS        | CAD/MWh           |                                | NYSI ENGY   |                        | IESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 24   |
| NGX Fin FUT FF, FP for NYSI Intertie Flat Spr                     | Ontario/NYSI Intertie | NGX  | FIN            | FP Spread-DS | CAD/MWh           |                                |   |                        |                        | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 24   |
| NGX Fin FUT EPCOR RRO (%), FP for AESO Flat,<br>(CA/MWh), Alberta | Alberta               | NGX  | FIN            | FP-DS        | CAD/MWh           |                                | AEFP  |                        | AESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 24   |
| NGX Fin FUT ENMAX RRO (%) FP for AESO Flat, (CA/MWh),<br>Alberta  | Alberta               | NGX  | FIN            | FP-DS        | CAD/MWh           |                                | AEFP  |                        | AESO                   | Financially<br>Settled<br>Future                       | Financially Settled<br>Future    | 24   |

TOTAL CAD Electricity Financial Futures





| Product Name on ICE                           | Hub Name             | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit / Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Hub Operator or U.S. Hub Operator | Tariff          | Accessed via WebICE and trades / Clears as NGX: | OTC Clears thru DCO as: (EFRP) | Minimum Futures Block Size (MWh) |
|---|----------------------|--|-------------|--------------|-----------------|--------------------------|--------------------------|---------------------|---------------------|-----------------------------------|-----------------|---|--------------------------------|----------------------------------|
| Phys FUT, HR, Off Pk Wknd                     | Houston 345kV Hub    | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, Off Pk Wknd                     | West 345kV Hub       | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, Off Pk Wknd                     | Panhandle 345kV Hub  | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, Peak                            | North 345kV Hub      | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, Peak                            | South 345kV Hub      | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, Peak                            | Houston 345kV Hub    | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, Peak                            | West 345kV Hub       | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, Peak                            | Panhandle 345kV Hub  | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, Peak 7x                         | North 345kV Hub      | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, WRAP                            | North 345kV Hub      | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, WRAP                            | South 345kV Hub      | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, WRAP                            | Houston 345kV Hub    | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, WRAP                            | West 345kV Hub       | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, HR, WRAP                            | Panhandle 345kV Hub  | ICE  | Phys        | HR           | MMbtu/MWh       | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, Multiple Products Spread (Date)     | Multiple Locations   | ICE  | Phys        | FP or HR     | USD/HWH         | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |
| Phys FUT, Multiple Products Spread (Location) | Location 1/Location2 | ICE  | Phys        | FP or HR     | USD/HWH         | NYMEX NG                 |                          | NYMEX last day      |                     | ERCOT                             | ERCOT Protocols | Physically Settled Future                       | Physically Settled Future      | 1                                |

**TOTAL US Physical Financial Futures**

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# ICE NGX ENVIRONMENTAL PRODUCTS

| Product Name on ICE | Hub Name | NGX Product = NGX; NGX Cleared Product = ICE | Phys or Fin | Product Type | Unit/ Currency | Floating Price - Index 1 | Floating Price - Index 2 | Index 1 Publication | Index 2 Publication | Registry | Assigned Delivery | Regulation | XML Instrument Description | Commodity Code | Market Code | Market Description | Market Name | Commodity Type | Price Unit | Currency | Primary Index | Secondary Index | Commodity | Pipeline Point (NGX) | Accessed via WebICE and trades/Clears as NGX; | OTC Clears thru DCO As (EFRP) | NGX Bilateral trades on NGX as: | Minimum Futures Block Size (Lots) |
|---------------------|----------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|----------|-------------------|------------|----------------------------|----------------|-------------|--------------------|-------------|----------------|------------|----------|---------------|-----------------|-----------|----------------------|---|-------------------------------|---------------------------------|-----------------------------------|
|---------------------|----------|--|-------------|--------------|----------------|--------------------------|--------------------------|---------------------|---------------------|----------|-------------------|------------|----------------------------|----------------|-------------|--------------------|-------------|----------------|------------|----------|---------------|-----------------|-----------|----------------------|---|-------------------------------|---------------------------------|-----------------------------------|

## PHYSICAL FUTURES

|          |      |     |      |    |                                  |   |   |   |   |                         |    |      |  |  |  |  |  |  |                       |     |   |   |  |  |                           |                           |     |   |
|----------|------|-----|------|----|----------------------------------|---|---|---|---|-------------------------|----|------|--|--|--|--|--|--|-----------------------|-----|---|---|--|--|---------------------------|---------------------------|-----|---|
| NGX Phys | AEO  | NGX | Phys | FP | CAD/Lot<br>1 Lot = 1,000 Offsets | - | - | - | - | Alberta Offset Registry | No | TIER |  |  |  |  |  |  | 1 Lot = 1,000 Offsets | CAD | - | - |  |  | Physically Settled Future | Physically Settled Future | N/A | 1 |
| NGX Phys | AEPC | NGX | Phys | FP | CAD/Lot<br>1 Lot = 1,000 EPCs    | - | - | - | - | Alberta EPC Registry    | No | TIER |  |  |  |  |  |  | 1 Lot = 1,000 EPCs    | CAD | - | - |  |  | Physically Settled Future | Physically Settled Future | N/A | 1 |