

## **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 (GJMMBtu)
PHYSICAL FUTURES															
NGX Phys FUT, BS, LD1 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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 (US/MM)	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

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, BS, LD1 Spr (US/MM)	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
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	USD/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 and 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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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-Strn2/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	USD/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	USD/MMBtu					TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & 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 CDA	NGX	Phys	FP 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, FP Spr (US/MM)	Union Parkway / TCPL Enbridge CDA	NGX	Phys	FP 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, FP Spr (US/MM)	Union Dawn / TCPL Enbridge EDA	NGX	Phys	FP 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, FP Spr (US/MM)	Union Dawn / TCPL Energir EDA	NGX	Phys	FP 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, FP Spr (US/MM)	Union-Dawn / TCPL Iroquois	NGX	Phys	FP 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, FP Spr (US/MM)	Union-Dawn / TCPL Chippewa	NGX	Phys	FP 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, FP Spr (US/MM)	Union-Dawn / TCPL Niagara	NGX	Phys	FP 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, FP Spr (US/MM)	Union-Dawn / Union Parkway	NGX	Phys	FP Spread	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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	USD/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



# 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	AB Pool (inter)	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Agua Blanca, LLC	N/A	Agua Blanca Statement of Operating Conditions	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, FP	AB Pool (inter)	ICE	Phys	FP	USD/MMBtu					Agua Blanca, LLC	N/A	Agua Blanca Statement of Operating Conditions	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, GDD	AB Pool (inter)	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Agua Blanca, LLC	N/A	Agua Blanca Statement of Operating Conditions	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, IF	AB Pool (inter)	ICE	Phys	IF	USD/MMBtu	IF		Platts Inside FERC		Agua Blanca, LLC	N/A	Agua Blanca Statement of Operating Conditions	Physically Settled Future	Physically Settled Future	100
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

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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
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



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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
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

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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
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 LLC)	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 LLC)	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 LLC)	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 LLC)	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

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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
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	KRG T - 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	KRG T - 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	KRG T - 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	KRG T - 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	KRG T - 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

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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
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
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

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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
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

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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
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

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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
NG Phys FUT, BS, LD1	Ruby-Rec Pool	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Ruby Pipeline, L.L.C.	N/A	Ruby Pipeline, L.L.C. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, FP	Ruby-Rec Pool	ICE	Phys	FP	USD/MMBtu					Ruby Pipeline, L.L.C.	N/A	Ruby Pipeline, L.L.C. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, GDD	Ruby-Rec Pool	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Ruby Pipeline, L.L.C.	N/A	Ruby Pipeline, L.L.C. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, IF	Ruby-Rec Pool	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Ruby Pipeline, L.L.C.	N/A	Ruby Pipeline, L.L.C. 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	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	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
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

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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
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

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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
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

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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
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

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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
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

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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
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

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	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**

**333**

# ICE NGX ELECTRICITY 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	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Minimum Futures Block Size (Mwh or % equivalent)
NGX Fin FUT FF, FP for AESO Ext Off Peak	AB Ext Off Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	8
NGX Fin FUT FF, FP for AESO Ext Peak	AB Ext Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled 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 Extended Peak Electricity RRO	AESO	Exchange's Website	Financially Settled Future	Financially Settled Future	16
NGX Fin FUT FF, FP for AESO Flat	AB Flat	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT IS Flat, AESO for RRO	AB Flat Index	NGX	Fin	ID-DS	CAD/MWh	AEFP	ICE NGX Alberta Flat Electricity RRO	AESO	Exchange's Website	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT FF, FP for AESO Off Peak	AB Off Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	8
NGX Fin FUT FF, FP for AESO OnPeak	AB On Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	16
NGX Fin FUT FF, FP for AESO Super Peak	AB Super Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled 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 Settled Future	Financially Settled Future	8
NGX Fin FUT FF, FP for IESO Ext Peak	ON Ext Peak	NGX	Fin	FP-DS	CAD/MWh		HOEP		IESO	Financially Settled Future	Financially Settled Future	16
NGX Fin FUT FF, FP for IESO Flat	ON Flat	NGX	Fin	FP-DS	CAD/MWh		HOEP		IESO	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT FF, FP for IESO Off Peak	ON Off Peak	NGX	Fin	FP-DS	CAD/MWh		HOEP		IESO	Financially Settled Future	Financially Settled Future	8
NGX Fin FUT FF, FP for IESO Peak	ON On Peak	NGX	Fin	FP-DS	CAD/MWh		HOEP		IESO	Financially Settled Future	Financially Settled Future	16
NGX Fin FUT FF, FP for AESO Hourly	AB Hourly	NGX	Fin	FP-DS	CAD/MWh		AEFP	AESO	AESO	Financially Settled Future	Financially Settled Future	1
NGX Fin FUT FF, FP for MISI Intertie Flat	Ontario MISI Intertie	NGX	FIN	FP-DS	CAD/MWh		MISI ENGY		IESO	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT FF, FP for MISI Intertie Flat Spr	Ontario/MISI Intertie	NGX	FIN	FP Spread-DS	CAD/MWh					Financially Settled Future	Financially Settled Future	24
NGX Fin FUT FF, FP for NYSI Intertie Flat	Ontario NYSI Intertie	NGX	FIN	FP-DS	CAD/MWh		NYSI ENGY		IESO	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT FF, FP for NYSI Intertie Flat Spr	Ontario/NYSI Intertie	NGX	FIN	FP Spread-DS	CAD/MWh					Financially Settled Future	Financially Settled Future	24
NGX Fin FUT EPCOR RRO (%), FP for AESO Flat, (CA/MWh), Alberta	Alberta	NGX	FIN	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT ENMAX RRO (%) FP for AESO Flat, (CA/MWh), Alberta	Alberta	NGX	FIN	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	24



## ICE NGX PHYSICAL POWER PRODUCTS - U.S.

Product Name on ICE	Hub Name	NGX Product = 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, FP, Peak 7x	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak 7x	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak 7x	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak 7x	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC	North Load Zone	ICE	Phys	HR	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC	South Load Zone	ICE	Phys	HR	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC	West Load Zone	ICE	Phys	HR	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC	Houston Load Zone	ICE	Phys	HR	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC	Panhandle 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC - Non Spin	ERCOT Ancillary Services	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC - Reg-Down	ERCOT Ancillary Services	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC - Reg-Up	ERCOT Ancillary Services	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, ATC - RRS	ERCOT Ancillary Services	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Dual Peak	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Dual Peak	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Dual Peak	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Dual Peak	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 12-22	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 12-22	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 12-22	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 12-22	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 17-22	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 17-22	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 17-22	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 17-22	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 18-22	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 18-22	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 18-22	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 18-22	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 7-11	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 7-11	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 7-11	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 7-11	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 10-17	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 10-17	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 10-17	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 10-17	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 10-17 7x	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 10-17 7x	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 10-17 7x	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, HE 10-17 7x	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Pk Wknd	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Pk Wknd	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Pk Wknd	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Pk Wknd	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak	North 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak	South 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak	Houston 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak	West 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak	North Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak	North Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak Wknd	North Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak	South Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak	South Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak Wknd	South Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak	Houston Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak	Houston Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak Wknd	Houston Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak	West Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Peak	Panhandle 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak	West Load Zone	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1
Phys FUT, FP, Off Peak	Panhandle 345kV Hub	ICE	Phys	FP	USD/MWh					ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	1

<b>TOTAL US Physical Financial Futures</b>	<b>131</b>
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