



PRELIMINARY

PG63 BULLETIN # 11@

ENERGY OPTIONS

Wed, Jan 17, 2018 PG63

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PRICE INDICATOR KEY

R= RECORD VOLUME OR OPEN INTEREST, B= BID, A=ASK, P= POST SETTLEMENT SESSION, N= NOMINAL CLOSE, WHICH DESIGNATES THAT THE CONTRACT DID NOT TRADE DURING THE RTH SESSION AND NO BETTER BID OR BETTER OFFER OCCURRED DURING THE RTH CLOSING RANGE TIME PERIOD. IN ALL INSTANCES, THE NOMINAL PRICE IS THE PREVIOUS DAY'S SETTLEMENT PRICE.

ENERGY OPTIONS ON FUTURES

	GLOBEX OPEN	OPEN OUTCRY	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
BA CALL BRENT AVERAGE PRICE OPTION														
JAN18	----	----	----	----	----	----	----	3.98 + 0.12	.9876	----	----	----	----	25
6500	----	----	----	----	----	----	----	0.01 UNCH	.0021	----	----	----	----	9
11500	----	----	----	----	----	----	----			----	----	----	----	34
TOTAL														
FEB18	----	----	----	----	----	----	----	4.23 + 0.15	.8722	----	----	----	----	25
6500	----	----	----	----	----	----	----	0.01 UNCH	.0025	----	----	----	----	15
11500	----	----	----	----	----	----	----			----	----	----	----	40
TOTAL														
MAR18	----	----	----	----	----	----	----	4.39 + 0.10	.7702	----	----	----	----	25
6500	----	----	----	----	----	----	----	0.01 UNCH	.0025	----	----	----	----	20
11500	----	----	----	----	----	----	----			----	----	----	----	45
TOTAL														
APR18	----	----	----	----	----	----	----	2.75 + 0.02	.5373	----	----	----	----	25
6800	----	----	----	----	----	----	----	0.01 UNCH	.0025	----	----	----	----	23
11500	----	----	----	----	----	----	----			----	----	----	----	48
TOTAL														
MAY18	----	----	----	----	----	----	----	3.11 + 0.05	.5212	----	----	----	----	25
6800	----	----	----	----	----	----	----	0.01 UNCH	.0026	----	----	----	----	22
11500	----	----	----	----	----	----	----			----	----	----	----	47
TOTAL														
JUN18	----	----	----	----	----	----	----	3.43 + 0.05	.5093	----	----	----	----	25
6800	----	----	----	----	----	----	----	0.01 UNCH	.0026	----	----	----	----	21
11500	----	----	----	----	----	----	----			----	----	----	----	46
TOTAL														
JUL18	----	----	----	----	----	----	----	3.12 + 0.05	.4571	----	----	----	----	25
6900	----	----	----	----	----	----	----	0.02 UNCH	.0047	----	----	----	----	20
11500	----	----	----	----	----	----	----			----	----	----	----	45
TOTAL														
AUG18	----	----	----	----	----	----	----	3.25 + 0.02	.4497	----	----	----	----	25
6900	----	----	----	----	----	----	----	0.01 UNCH	.0026	----	----	----	----	19
11500	----	----	----	----	----	----	----			----	----	----	----	44
TOTAL														
SEP18	----	----	----	----	----	----	----	3.40 + 0.07	.4441	----	----	----	----	25
6900	----	----	----	----	----	----	----	0.05 UNCH	.0101	----	----	----	----	18
11500	----	----	----	----	----	----	----			----	----	----	----	43
TOTAL														
OCT18	----	----	----	----	----	----	----	0.03 UNCH	.0067	----	----	----	----	17
11500	----	----	----	----	----	----	----			----	----	----	----	17
TOTAL														
NOV18	----	----	----	----	----	----	----	0.03 - 0.02	.0067	----	----	----	----	16
11500	----	----	----	----	----	----	----			----	----	----	----	16
TOTAL														
DEC18	----	----	----	----	----	----	----	0.04 - 0.01	.0085	----	----	----	----	15
11500	----	----	----	----	----	----	----			----	----	----	----	15
TOTAL														
JAN19	----	----	----	----	----	----	----	0.19 UNCH	.0367	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.17 - 0.01	.0332	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.05 - 0.01	.0102	----	----	----	----	15
11500	----	----	----	----	----	----	----			----	----	----	----	115
TOTAL														
FEB19	----	----	----	----	----	----	----	0.21 UNCH	.0393	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.20 + 0.01	.0373	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.06 - 0.01	.0118	----	----	----	----	14
11500	----	----	----	----	----	----	----			----	----	----	----	114
TOTAL														
MAR19	----	----	----	----	----	----	----	0.23 UNCH	.0417	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.22 + 0.01	.0397	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.07 UNCH	.0133	----	----	----	----	13
11500	----	----	----	----	----	----	----			----	----	----	----	113
TOTAL														
APR19	----	----	----	----	----	----	----	0.26 + 0.01	.0455	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.24 + 0.01	.0422	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.10 + 0.01	.0176	----	----	----	----	13
11500	----	----	----	----	----	----	----			----	----	----	----	113
TOTAL														
MAY19	----	----	----	----	----	----	----	0.26 + 0.01	.0454	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.24 + 0.01	.0421	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.08 UNCH	.0147	----	----	----	----	12
11500	----	----	----	----	----	----	----			----	----	----	----	112
TOTAL														
JUN19	----	----	----	----	----	----	----	0.27 + 0.01	.0465	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.25 + 0.01	.0433	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.08 UNCH	.0147	----	----	----	----	12
11500	----	----	----	----	----	----	----			----	----	----	----	112
TOTAL														
JUL19	----	----	----	----	----	----	----	0.27 + 0.01	.0463	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.25 + 0.01	.0432	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.08 UNCH	.0147	----	----	----	----	11
11500	----	----	----	----	----	----	----			----	----	----	----	111
TOTAL														
AUG19	----	----	----	----	----	----	----	0.27 + 0.01	.0462	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.25 + 0.01	.0430	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.09 + 0.01	.0161	----	----	----	----	11
11500	----	----	----	----	----	----	----			----	----	----	----	111
TOTAL														
SEP19	----	----	----	----	----	----	----	0.27 + 0.01	.0461	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.25 + 0.01	.0429	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.09 UNCH	.0161	----	----	----	----	10
11500	----	----	----	----	----	----	----			----	----	----	----	110
TOTAL														
OCT19	----	----	----	----	----	----	----	0.26 UNCH	.0447	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.24 UNCH	.0415	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.09 UNCH	.0161	----	----	----	----	10
11500	----	----	----	----	----	----	----			----	----	----	----	110
TOTAL														
NOV19	----	----	----	----	----	----	----	0.28 UNCH	.0472	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.26 UNCH	.0441	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.09 UNCH	.0162	----	----	----	----	9
11500	----	----	----	----	----	----	----			----	----	----	----	109
TOTAL														
DEC19	----	----	----	----	----	----	----	0.30 + 0.01	.0496	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.28 + 0.01	.0465	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.10 UNCH	.0175	----	----	----	----	9
11500	----	----	----	----	----	----	----			----	----	----	----	UNCH

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CME Group, Inc.  
20 South Wacker Drive, Chicago, Illinois 60606-7499.  
Customer Service: (312) 930-1000



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BA CALL	OPEN OUTCRY	OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
TOTAL												109
JAN20	----	----	----	----	----	0.11 UNCH	.0189	----	----	----	----	9
TOTAL												9 UNCH
FEB20	----	----	----	----	----	0.12 UNCH	.0202	----	----	----	----	8
TOTAL												8 UNCH
MAR20	----	----	----	----	----	0.13 UNCH	.0214	----	----	----	----	8
TOTAL												8 UNCH
APR20	----	----	----	----	----	0.17 - 0.01	.0264	----	----	----	----	8
TOTAL												8 UNCH
MAY20	----	----	----	----	----	0.14 UNCH	.0227	----	----	----	----	7
TOTAL												7 UNCH
JUN20	----	----	----	----	----	0.15 UNCH	.0239	----	----	----	----	7
TOTAL												7 UNCH
JUL20	----	----	----	----	----	0.16 UNCH	.0252	----	----	----	----	7
TOTAL												7 UNCH
AUG20	----	----	----	----	----	0.18 + 0.02	.0275	----	----	----	----	7
TOTAL												7 UNCH
SEP20	----	----	----	----	----	0.19 + 0.02	.0287	----	----	----	----	6
TOTAL												6 UNCH
OCT20	----	----	----	----	----	0.24 + 0.04	.0344	----	----	----	----	6
TOTAL												6 UNCH
NOV20	----	----	----	----	----	0.23 + 0.01	.0333	----	----	----	----	6
TOTAL												6 UNCH
DEC20	----	----	----	----	----	0.27 + 0.02	.0376	----	----	----	----	6
TOTAL												6 UNCH
JAN21	----	----	----	----	----	0.30 UNCH	.0407	----	----	----	----	6
TOTAL												6 UNCH
FEB21	----	----	----	----	----	0.34 UNCH	.0446	----	----	----	----	6
TOTAL												6 UNCH
MAR21	----	----	----	----	----	0.39 UNCH	.0493	----	----	----	----	5
TOTAL												5 UNCH
APR21	----	----	----	----	----	0.47 UNCH	.0566	----	----	----	----	5
TOTAL												5 UNCH
MAY21	----	----	----	----	----	0.46 UNCH	.0557	----	----	----	----	5
TOTAL												5 UNCH
JUN21	----	----	----	----	----	0.47 - 0.02	.0566	----	----	----	----	5
TOTAL												5 UNCH
JUL21	----	----	----	----	----	0.49 - 0.02	.0583	----	----	----	----	5
TOTAL												5 UNCH
AUG21	----	----	----	----	----	0.50 - 0.03	.0592	----	----	----	----	5
TOTAL												5 UNCH
SEP21	----	----	----	----	----	0.52 - 0.04	.0609	----	----	----	----	5
TOTAL												5 UNCH
OCT21	----	----	----	----	----	0.59 - 0.02	.0667	----	----	----	----	5
TOTAL												5 UNCH
NOV21	----	----	----	----	----	0.55 - 0.01	.0635	----	----	----	----	4
TOTAL												4 UNCH
DEC21	----	----	----	----	----	0.56 + 0.01	.0643	----	----	----	----	4
TOTAL												4 UNCH
JAN22	----	----	----	----	----	0.57 + 0.03	.0651	----	----	----	----	4
TOTAL												4 UNCH
FEB22	----	----	----	----	----	0.58 + 0.06	.0660	----	----	----	----	4
TOTAL												4 UNCH
MAR22	----	----	----	----	----	0.59 + 0.08	.0667	----	----	----	----	4
TOTAL												4 UNCH
APR22	----	----	----	----	----	0.73 + 0.13	.0777	----	----	----	----	4
TOTAL												4 UNCH
MAY22	----	----	----	----	----	0.61 + 0.06	.0683	----	----	----	----	4
TOTAL												4 UNCH
JUN22	----	----	----	----	----	0.63 + 0.03	.0699	----	----	----	----	4
TOTAL												4 UNCH
JUL22	----	----	----	----	----	0.64 - 0.01	.0707	----	----	----	----	4
TOTAL												4 UNCH
AUG22	----	----	----	----	----	0.65 - 0.05	.0715	----	----	----	----	4
TOTAL												4 UNCH
SEP22	----	----	----	----	----	0.67 - 0.09	.0731	----	----	----	----	4
TOTAL												4 UNCH



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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include BA CALL, BA PUT, 9Y CALL, BZO CALL.

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	GLOBEX OPEN	OPEN OPEN	OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
BZ0 CALL													
MAR18													
6950	0.65	0.65		0.93B/0.55A	0.93B/0.55A	----	0.79 + 0.04	.4820	----	----	30	----	320 - 5
7000	----	----		0.69B/0.40A	0.69B/0.40A	----	0.58 + 0.02	.3857	----	----	----	----	1497 UNCH
7050	----	----		0.50B/0.29A	0.50B/0.29A	----	0.42 + 0.01	.2986	----	----	----	150	169 UNCH
7100	----	----		0.36B/0.21A	0.36B/0.21A	----	0.30 + 0.01	.2248	----	----	----	----	347 UNCH
7150	----	----		0.26B/0.16A	0.26B/0.16A	----	0.22 + 0.01	.1687	----	----	----	----	22 UNCH
7200	----	----		0.18B/0.12A	0.18B/0.12A	----	0.17 + 0.01	.1294	----	----	----	----	700 UNCH
7250	----	----		0.13B/0.09A	0.13B/0.09A	----	0.13 + 0.01	.0985	----	----	----	----	550 UNCH
7300	0.09	0.09		0.10B/0.08A	0.10B/0.08A	----	0.10 + 0.01	.0750	----	----	250	----	496 + 96
7350	----	----		----/0.06A	----/0.06A	----	0.08 + 0.01	.0587	----	----	----	----	160 UNCH
7400	----	----		0.06B/----	0.06B/----	----	0.06 + 0.01	.0438	----	----	----	----	60 UNCH
7450	0.05	0.05		0.05/0.05	0.05/0.05	----	0.05 + 0.01	.0354	----	----	111	----	171 + 1
7500	----	----		0.04B/----	0.04B/----	----	0.04 + 0.01	.0278	----	----	----	----	35 UNCH
7550	----	----		----	----	----	0.03 UNCH	.0206	----	----	----	----	50 UNCH
7600	----	----		0.03B/----	0.03B/----	----	0.03 + 0.01	.0194	----	----	----	----	23 UNCH
7650	----	----		----	----	----	0.02 UNCH	.0131	----	----	----	----	100 UNCH
7800	----	----		----	----	----	0.01 UNCH	.0062	----	----	----	----	500 UNCH
8000	----	----		----	----	----	0.01 UNCH	.0011	----	----	----	----	700 UNCH
8100	----	----		----	----	----	0.01 UNCH	.0004	----	----	----	----	100 UNCH
8500	----	----		----	----	----	0.01 UNCH	.0000	----	----	----	----	1000 UNCH
9000	----	----		----	----	----	0.01 UNCH	----	----	----	----	----	1000 UNCH
TOTAL											391	150	27026 + 92
APR18													
5300	----	----		16.15B/15.61A	16.15B/15.61A	----	16.02 + 0.22	.9929	----	----	----	----	150 UNCH
5650	----	----		12.68B/12.13A	12.68B/12.13A	----	12.55 + 0.22	.9818	----	----	----	----	50 UNCH
5700	----	----		12.18B/11.64A	12.18B/11.64A	----	12.05 + 0.21	.9811	----	----	----	----	200 UNCH
6000	----	----		9.26B/8.48A	9.26B/8.48A	----	9.11 + 0.20	.9573	----	----	----	----	150 UNCH
6300	----	----		6.41B/5.66A	6.41B/5.66A	----	6.25 + 0.16	.9019	----	----	----	----	310 UNCH
6350	----	----		5.95B/5.21A	5.95B/5.21A	----	5.79 + 0.16	.8866	----	----	----	----	381 UNCH
6400	----	----		5.50B/4.78A	5.50B/4.78A	----	5.34 + 0.15	.8684	----	----	----	----	32 UNCH
6500	----	----		4.63B/3.96A	4.63B/3.96A	----	4.47 + 0.14	.8231	----	----	----	----	215 UNCH
6600	----	----		3.80B/3.20A	3.80B/3.20A	----	3.65 + 0.12	.7649	----	----	----	----	203 UNCH
6700	----	----		3.04B/2.47A	3.04B/2.47A	----	2.89 + 0.09	.6931	----	----	----	----	205 UNCH
6750	----	----		2.70B/2.16A	2.70B/2.16A	----	2.54 + 0.07	.6518	----	----	----	----	72 UNCH
6850	----	----		2.09B/1.62A	2.09B/1.62A	----	1.93 + 0.05	.5600	----	----	----	----	443 UNCH
6900	----	----		1.81B/1.40A	1.81B/1.40A	----	1.66 + 0.03	.5118	----	----	----	200	561 + 125
6950	1.38	1.38		1.55B/1.20A	1.55B/1.20A	----	1.41 NEW	.4628	----	----	36	----	36 + 36
7000	----	----		1.32B/1.02A	1.32B/1.02A	----	1.19 UNCH	.4141	----	----	----	----	910 UNCH
7050	----	----		1.12B/0.86A	1.12B/0.86A	----	1.00 + 0.01	.3668	----	----	----	----	1 UNCH
7100	----	----		0.95B/0.73A	0.95B/0.73A	----	0.84 + 0.01	.3225	----	----	----	----	200 UNCH
7200	----	----		0.67B/0.52A	0.67B/0.52A	----	0.59 + 0.01	.2445	----	----	----	----	100 UNCH
7250	----	----		0.56B/0.44A	0.56B/0.44A	----	0.49 + 0.01	.2104	----	----	----	----	60 UNCH
7300	----	----		0.48B/0.37A	0.48B/0.37A	----	0.42 UNCH	.1833	----	----	----	----	400 UNCH
7500	----	----		0.25B/0.20A	0.25B/0.20A	----	0.22 UNCH	.1022	----	----	----	----	125 UNCH
7600	----	----		0.18B/0.15A	0.18B/0.15A	----	0.17 UNCH	.0790	----	----	----	----	500 UNCH
7700	----	----		0.14B/0.12A	0.14B/0.12A	----	0.13 UNCH	.0607	----	----	----	----	100 UNCH
7850	----	----		----	----	----	0.09 UNCH	.0419	----	----	----	----	75 UNCH
7950	----	----		----	----	----	0.08 + 0.01	.0360	----	----	----	----	346 UNCH
8100	----	----		----	----	----	0.06 + 0.01	.0266	----	----	----	----	500 UNCH
8350	----	----		----	----	----	0.04 UNCH	.0171	----	----	----	----	100 UNCH
8600	----	----		----	----	----	0.03 + 0.01	.0121	----	----	----	----	150 UNCH
TOTAL											36	200	6575 + 161
MAY18													
6250	----	----		6.85B/6.19A	6.85B/6.19A	----	6.69 + 0.12	.8515	----	----	----	----	200 UNCH
6400	----	----		5.58B/4.99A	5.58B/4.99A	----	5.43 + 0.10	.7938	----	----	----	----	20 UNCH
6450	----	----		5.18B/4.61A	5.18B/4.61A	----	5.03 + 0.09	.7710	----	----	----	----	22 UNCH
6500	----	----		4.79B/4.25A	4.79B/4.25A	----	4.64 + 0.08	.7466	----	----	----	----	100 UNCH
6550	----	----		4.42B/3.86A	4.42B/3.86A	----	4.27 + 0.08	.7196	----	----	----	----	6 UNCH
6600	----	----		4.05B/3.52A	4.05B/3.52A	----	3.91 + 0.07	.6912	----	----	----	----	6 UNCH
6650	----	----		3.74B/3.20A	3.74B/3.20A	----	3.56 + 0.05	.6613	----	----	----	----	16 UNCH
6700	----	----		3.41B/2.90A	3.41B/2.90A	----	3.23 + 0.04	.6296	----	----	----	----	18 UNCH
6850	----	----		2.52B/2.10A	2.52B/2.10A	----	2.35 + 0.02	.5269	----	----	----	----	30 UNCH
6900	----	----		2.26B/1.87A	2.26B/1.87A	----	2.10 + 0.02	.4913	----	----	----	----	15 UNCH
7000	----	----		1.79B/1.48A	1.79B/1.48A	----	1.64 UNCH	.4197	----	----	----	----	200 UNCH
7050	----	----		1.58B/1.30A	1.58B/1.30A	----	1.45 UNCH	.3851	----	----	----	----	10 UNCH
7150	1.10	1.10		1.23B/1.01A	1.23B/1.01A	----	1.11 + 0.01	.3184	----	----	6	----	16 + 6
7200	0.96	0.96		1.07B/0.88A	1.07B/0.88A	----	0.97 NEW	.2877	----	----	6	----	6 + 6
7500	----	----		0.48B/0.41A	0.48B/0.41A	----	0.43 + 0.02	.1476	----	----	----	----	200 UNCH
7750	----	----		0.26B/0.23A	0.26B/0.23A	----	0.24 - 0.01	.0861	----	----	----	----	50 UNCH
TOTAL											12	----	915 + 12
JUN18													
5050	----	----		18.04B/17.59A	18.04B/17.59A	----	17.91 + 0.16	.9793	----	----	----	----	200 UNCH
5150	----	----		17.06B/16.61A	17.06B/16.61A	----	16.93 + 0.16	.9747	----	----	----	----	100 UNCH
5400	----	----		14.62B/14.18A	14.62B/14.18A	----	14.49 + 0.15	.9601	----	----	----	----	100 UNCH
5500	----	----		13.66B/13.24A	13.66B/13.24A	----	13.53 + 0.14	.9511	----	----	----	----	1100 UNCH
5600	----	----		12.70B/12.28A	12.70B/12.28A	----	12.57 + 0.13	.9415	----	----	----	----	150 UNCH
6000	----	----		9.06B/8.48A	9.06B/8.48A	----	8.90 + 0.11	.8712	----	----	----	----	750 UNCH
6100	----	----		8.19B/7.58A	8.19B/7.58A	----	8.03 + 0.10	.8452	----	----	----	----	16 UNCH
6300	----	----		6.54B/5.99A	6.54B/5.99A	----	6.38 + 0.07	.7797	----	----	----	----	200 UNCH
6350	----	----		6.15B/5.62A	6.15B/5.62A	----	5.99 + 0.07	.7604	----	----	----	----	25 UNCH
6500	----	----		5.03B/4.51A	5.03B/4.51A	----	4.88 + 0.05	.6955	----	----	----	----	600 UNCH
6700	----	----		3.74B/3.27A	3.74B/3.27A	----	3.56 + 0.03	.5943	----	----	----	----	600 UNCH
6800	----	----		3.16B/2.74A	3.16B/2.74A	----	2.98 + 0.01	.5386	----	----	----	----	300 UNCH
7000	----	----		2.18B/1.88A	2.18B/1.88A	----	2.03 + 0.01	.4236	----	----	500	----	1550 + 300
7050	----	----		1.97B/1.69A	1.97B/1.69A	----	1.83 + 0.01	.3953	----	----	----	----	51 UNCH
7500	----	----		0.74B/0.65A	0.74B/0.65A	----	0.69 + 0.02	.1879	----	----	----	----	600 UNCH
7950	0.29	0.29		0.29/0.28A	0.29/0.28A	----	0.28 + 0.02	.0843	----	----	50	----	100 + 50
8000	----	----		----/0.25A	----/0.25A	----	0.26 + 0.01	.0783	----	----	----	----	750 UNCH
8050	0.23	0.23		0.23/0.23	0.23/0.23	----	0.24 NEW	.0724	----	----	99	----	99 + 99



2018 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

20 South Wacker Drive, Chicago, Illinois 60606-7499.

Customer Service: (312) 930-1000

PRELIMINARY

PG63 BULLETIN # 11@

ENERGY OPTIONS

Wed, Jan 17, 2018 PG63

THE CME GROUP DAILY BULLETIN ONLY DISPLAYS THOSE PRODUCTS/CONTRACT MONTHS THAT HAVE VOLUME AND/OR OPEN INTEREST. VOLUME INCLUDES GLOBEX (ELECTRONIC), OPEN OUTCRY (TRADING FLOOR) AND PRIVATELY NEGOTIATED TRANSACTIONS (PNT) THAT INCLUDE CME CLEARPORT ACTIVITY. VOLUME OR OPEN INTEREST CHANGES (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: PRIVATELY NEGOTIATED TRANSACTIONS, PRIOR DAY CLEARING TRADES, POSITION ADJUSTMENTS, DELIVERIES, CASH SETTLEMENTS, OPTION EXERCISES OR ASSIGNMENTS.

PRICE INDICATOR KEY

R= RECORD VOLUME OR OPEN INTEREST, B= BID, A=ASK, P= POST SETTLEMENT SESSION, N= NOMINAL CLOSE, WHICH DESIGNATES THAT THE CONTRACT DID NOT TRADE DURING THE RTH SESSION AND NO BETTER BID OR BETTER OFFER OCCURRED DURING THE RTH CLOSING RANGE TIME PERIOD. IN ALL INSTANCES, THE NOMINAL PRICE IS THE PREVIOUS DAY'S SETTLEMENT PRICE.

	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
BZO CALL												
BRENT CRUDE OIL FUT MARGIN OPT												
DEC18												
5700	----	----	11.01B/10.79A	11.01B/10.79A	----	11.00 + 0.10	.7856	----	----	----	----	200 UNCH
6000	----	----	8.83B/8.58A	8.83B/8.58A	----	8.80 + 0.10	.7144	----	----	----	----	3100 UNCH
6050	----	----	8.48B/8.24A	8.48B/8.24A	----	8.45 + 0.10	.7015	----	----	----	----	200 UNCH
6100	----	----	8.13B/7.91A	8.13B/7.91A	----	8.10 + 0.09	.6883	----	----	----	----	200 UNCH
6400	----	----	6.20B/5.95A	6.20B/5.95A	----	6.18 NEW	.6021	----	----	1	----	1 +
6500	----	----	5.68B/5.38A	5.68B/5.38A	----	5.59 + 0.06	.5712	----	----	----	----	850 UNCH
6600	----	----	5.12B/4.85A	5.12B/4.85A	----	5.04 + 0.05	.5394	----	----	----	----	200 UNCH
7000	----	----	3.26B/*3.10A	3.26B/*3.10A	----	3.20 + 0.02	.4090	----	----	----	----	2000 UNCH
7500	----	----	1.73B/*1.67A	1.73B/*1.67A	----	1.71 UNCH	.2627	----	----	----	----	1000 UNCH
9000	----	----	----	----	----	0.29 - 0.01	.0580	----	----	----	----	6400 UNCH
9500	----	----	----	----	----	0.18 - 0.01	.0370	----	----	----	----	200 UNCH
10000	----	----	----	----	----	0.12 - 0.01	.0249	----	----	----	----	12800 UNCH
TOTAL										1		30816 + 1
JUN19												
6500	----	----	----	----	----	5.50 + 0.12	.5210	----	----	----	----	1050 UNCH
TOTAL												1050
DEC19												
9500	----	----	----	----	----	0.36 + 0.02	.0587	----	----	----	----	6000 UNCH
10500	----	----	----	----	----	0.18 UNCH	.0308	----	----	----	----	12000 UNCH
TOTAL												18000
BZO PUT												
BRENT CRUDE OIL FUT MARGIN OPT												
MAR18												
4000	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	300 UNCH
4200	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	1468 UNCH
4400	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	300 UNCH
4500	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	850 UNCH
4800	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	550 UNCH
4900	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	60 UNCH
4950	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	50 UNCH
5000	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	1609 UNCH
5100	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	101 UNCH
5150	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	300 UNCH
5200	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	300 UNCH
5250	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	50 UNCH
5300	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	200 UNCH
5350	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	144 UNCH
5400	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	163 UNCH
5450	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	50 UNCH
5500	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	1125 UNCH
5550	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	110 UNCH
5600	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	880 UNCH
5650	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	700 UNCH
5700	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	200 UNCH
5750	----	----	----	----	----	0.01 UNCH	.0001	----	----	----	----	60 UNCH
5800	----	----	----	----	----	0.01 UNCH	.0002	----	----	----	----	1097 UNCH
5900	0.01	0.01	0.01/*0.01	0.01/*0.01	----	0.01 UNCH	.0007	----	----	100	----	250 + 50
5950	----	----	----	----	----	0.01 UNCH	.0012	----	----	----	----	12 UNCH
6000	----	----	----	----	----	0.01 UNCH	.0021	----	----	----	400	1155 + 400
6050	----	----	----	----	----	0.01 UNCH	.0034	----	----	----	----	55 UNCH
6100	----	----	----	----	----	0.01 - 0.01	.0055	----	----	----	----	967 UNCH
6150	0.02	0.02	0.02/*0.02	0.02/*0.02	----	0.02 UNCH	.0106	----	----	199	----	199 + 199
6200	----	----	----	----	----	0.02 UNCH	.0113	----	----	----	1200	3027 + 671
6250	----	----	----	----	----	0.02 - 0.01	.0120	----	----	----	----	50 UNCH
6300	----	----	----	----	----	0.03 UNCH	.0179	----	----	----	----	1259 UNCH
6350	----	----	----	----	----	0.03 - 0.01	.0193	----	----	----	----	100 UNCH
6400	----	----	----	----	----	0.04 - 0.01	.0261	----	----	----	----	196 UNCH
6450	----	----	----	----	----	0.05 - 0.02	.0337	----	----	----	----	142 UNCH
6500	----	----	0.09B/*0.07A	0.09B/*0.07A	----	0.07 - 0.01	.0472	----	----	400	----	1183 + 348
6550	----	----	0.11B/0.08A	0.11B/0.08A	----	0.08 - 0.02	.0570	----	----	----	----	84 UNCH
6600	----	----	0.16B/0.11A	0.16B/0.11A	----	0.11 - 0.02	.0785	----	----	----	----	350 UNCH
6650	0.19	0.19	0.23B/0.14A	0.23B/0.14A	----	0.15 - 0.03	.1070	----	57	----	----	163 + 31
6700	0.20	0.20	0.32B/0.19A	0.32B/0.19A	----	0.20 - 0.05	.1428	----	49	700	----	652 + 247
6750	----	----	0.44B/0.26A	0.44B/0.26A	----	0.27 - 0.08	.1907	----	----	----	----	150 UNCH
6800	0.49	0.49	0.60B/0.36A	0.60B/0.36A	----	0.38 - 0.09	.2563	----	83	300	----	400 + 375
6850	0.57	0.57	0.81B/0.48A	0.81B/0.48A	----	0.51 - 0.12	.3316	----	50	----	----	5 - 50
6900	----	----	1.06B/0.65A	1.06B/0.65A	----	0.69 - 0.15	.4210	----	----	----	----	5 UNCH
6950	----	----	1.23B/0.87A	1.23B/0.87A	----	0.91 - 0.19	.5179	----	15	----	----	15 + 15
TOTAL										553	3000	21131 + 2286
APR18												
4600	----	----	0.01/*0.01	0.01/*0.01	----	0.01 UNCH	.0001	----	----	----	----	150 UNCH
4700	0.01	0.01	0.01/*0.01	0.01/*0.01	----	0.01 UNCH	.0002	----	----	540	----	540 + 540
5000	----	----	----	----	----	0.01 UNCH	.0015	----	----	----	----	100 UNCH
5300	----	----	----	----	----	0.02 UNCH	.0070	----	----	----	----	150 UNCH
5500	----	----	----	----	----	0.03 - 0.01	.0110	----	----	----	----	600 UNCH
5650	----	----	----	----	----	0.05 UNCH	.0181	----	----	----	----	300 UNCH
5750	----	----	----	----	----	0.06 - 0.01	.0224	----	----	----	----	5 UNCH
5800	----	----	----	----	----	0.06 - 0.02	.0232	----	----	----	----	200 UNCH
5950	----	----	----	----	----	0.09 - 0.02	.0354	----	----	----	----	100 UNCH
6000	----	----	----	----	----	0.11 - 0.02	.0426	----	----	----	----	465 UNCH
6100	----	----	0.18B/0.15A	0.18B/0.15A	----	0.14 - 0.03	.0551	----	----	----	----	50 UNCH
6250	----	----	0.28B/0.23A	0.28B/0.23A	----	0.21 - 0.05	.0834	----	----	----	----	44 UNCH
6300	----	----	0.33B/0.26A	0.33B/0.26A	----	0.25 - 0.06	.0981	----	----	----	----	205 UNCH
6350	----	----	0.39B/0.31A	0.39B/0.31A	----	0.29 - 0.06	.1133	----	----	----	----	40 UNCH
6450	----	----	0.55B/0.41A	0.55B/0.41A	----	0.40 - 0.08	.1527	----	----	----	----	36 UNCH
6500	----	----	0.64B/0.48A	0.64B/0.48A	----	0.47 - 0.08	.1768	----	----	----	----	494 UNCH
6700	----	----	1.19B/0.89A	1.19B/0.89A	----	0.89 - 0.13	.3068	----	----	----	----	100 UNCH
6850	1.46	1.46	1.84B/1.41A	1.84B/1.41A	----	1.43 NEW	.4399	----	31	----	----	31 + 31
6900	1.68	1.68	2.11B/1.63A	2.11B/1.63A	----	1.66 - 0.19	.4881	----	6	50	----	106 + 56
8350	----	----	14.96B/14.42A	14.96B/14.42A	----	14.54 - 0.22	.9829	----	----	----	----	13 UNCH
TOTAL										577	50	3729 + 627
MAY18												
5000	----	----	----	----	----	0.04 UNCH	.0103	----	----	----	----	400 UNCH
5500	----	----	----	----	----	0.10 - 0.02	.0279	----	----	----	----	400 UNCH
6000	----	----	0.37B/0.30A	0.37B/0.30A	----	0.30 - 0.05	.0848	----	----	----	----	210 UNCH
6650	----	----	1.74B/1.41A	1.74B/1.41A	----	1.41 - 0.15	.3386	----	----	----	----	45 UNCH
6700	----	----	1.93B/1.57A	1.93B/1.57A	----	1.58 - 0.16	.3703	----	----	----	----	18 UNCH
6750	----	----	2.15B/1.76A	2.15B/1.76A	----	1.77 - 0.17	.4035	----	----	----	----	22 UNCH
6800	----	----	2.39B/1.96A	2.39B/1.96A	----	1.98 - 0.17	.4379	----	----	----	----	200 UNCH
6850	----	----	2.64B/2.18A	2.64B/2.18A	----	2.20 - 0.18	.4730	----	----	----	----	30 UNCH
TOTAL												1325
JUN18												
3000	----	----	----	----	----	0.01 UNCH						



PG63 BULLETIN # 11@

ENERGY OPTIONS

Wed, Jan 17, 2018 PG63

THE CME GROUP DAILY BULLETIN ONLY DISPLAYS THOSE PRODUCTS/CONTRACT MONTHS THAT HAVE VOLUME AND/OR OPEN INTEREST. VOLUME INCLUDES GLOBEX (ELECTRONIC), OPEN OUTCRY (TRADING FLOOR) AND PRIVATELY NEGOTIATED TRANSACTIONS (PNT) THAT INCLUDE CME CLEARPORT ACTIVITY. VOLUME OR OPEN INTEREST CHANGES (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: PRIVATELY NEGOTIATED TRANSACTIONS, PRIOR DAY CLEARER TRADES, POSITION ADJUSTMENTS, DELIVERIES, CASH SETTLEMENTS, OPTION EXERCISES OR ASSIGNMENTS.

PRICE INDICATOR KEY

R= RECORD VOLUME OR OPEN INTEREST, B= BID, A=ASK, P= POST SETTLEMENT SESSION,N= NOMINAL CLOSE, WHICH DESIGNATES THAT THE CONTRACT DID NOT TRADE DURING THE RTH SESSION AND NO BETTER BID OR BETTER OFFER OCCURRED DURING THE RTH CLOSING RANGE TIME PERIOD. IN ALL INSTANCES, THE NOMINAL PRICE IS THE PREVIOUS DAY'S SETTLEMENT PRICE.

GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
BZ0 PUT BRENT CRUDE OIL FUT MARGIN OPT											
TOTAL									500	1500	18376 + 1890
JUL18					2.13 - 0.09	.3389					1150 UNCH
TOTAL											1150
AUG18					0.14 - 0.01	.0251					150 UNCH
TOTAL											150
SEP18					0.02 + 0.01	.0034					400 UNCH
3500					0.14 - 0.01	.0234					300 UNCH
4500					0.36 - 0.02	.0567					800 UNCH
5000					0.81 - 0.06	.1196					750 UNCH
5500					3.21 - 0.10	.3849					750 UNCH
6500											3000
TOTAL											
OCT18					0.85 UNCH	.1155					200 UNCH
5350											200
TOTAL											200
NOV18					0.01 UNCH	.0005				100	100 + 100
2900					0.02 NEW	.0033				200	200 + 200
3400					0.08 NEW	.0123				100	100 + 100
3900										400	400 + 400
TOTAL											
DEC18		0.02B/----	0.02B/----		0.01 UNCH	.0011					100 UNCH
3000					0.04 - 0.02	.0062					250 UNCH
3500					0.13 - 0.02	.0188				800	3200 - 600
4000					0.33 - 0.02	.0447					300 UNCH
4500		----/0.33A	----/0.33A		0.46 - 0.02	.0607					150 UNCH
4700		----/0.46A	----/0.46A		0.54 - 0.02	.0702					500 UNCH
4800		----/0.54A	----/0.54A		0.74 - 0.03	.0931				400	2175 UNCH
5000		----/0.74A	----/0.74A		0.87 - 0.03	.1070					65 UNCH
5100		----/0.87A	----/0.87A		1.16 - 0.03	.1375					500 UNCH
5300		#1.21B/1.16A	#1.21B/1.16A		1.24 - 0.04	.1458					200 UNCH
5350		#1.30B/1.25A	#1.30B/1.25A		1.51 - 0.06	.1728					2300 UNCH
5500		#1.60B/1.53A	#1.60B/1.53A		2.61 - 0.05	.2730					300 UNCH
5950		2.74B/2.61A	2.74B/2.61A		2.75 - 0.06	.2855					1650 UNCH
6000		#2.89B/2.75A	#2.89B/2.75A		4.13 NEW	.3978			1		1 + 1
6400		4.33B/4.12A	4.33B/4.12A		4.54 - 0.10	.4287					150 UNCH
6500		#4.76B/4.53A	#4.76B/4.53A						1	1200	11841 - 599
TOTAL											
MAR19					0.89 - 0.02	.0983					200 UNCH
4800					2.42 - 0.05	.2307					200 UNCH
5600											400
TOTAL											400
JUN19					1.66 - 0.02	.1537					1050 UNCH
5000											1050
TOTAL											1050
DEC19					1.35 UNCH	.1188					300 UNCH
4500					2.46 - 0.01	.1940					500 UNCH
5000					3.86 - 0.08	.2837					300 UNCH
5500											1100
TOTAL											1100
OS CALL BRENT CRUDE OIL OPTIONS											
JUN18					18.36 + 0.16	.9815					24 UNCH
5000											24
TOTAL											24
DEC18					16.65 + 0.13	.9068					24 UNCH
5000											24
TOTAL											24
OS PUT BRENT CRUDE OIL OPTIONS											
JUN18					0.01 UNCH	.0009					24 UNCH
3800					1.28 - 0.11	.2594					24 UNCH
6400											48
TOTAL											48
DEC18					0.08 - 0.02	.0120					24 UNCH
3800					0.54 - 0.01	.0702					1000 UNCH
4800					4.09 - 0.09	.3976					24 UNCH
6400											1048
TOTAL											1048
BE CALL BRENT EURO STYLE OPTION											
MAR18					14.38 + 0.23	1.0000					650 UNCH
5500					13.89 + 0.24	.9999					595 UNCH
5550					12.89 + 0.24	.9999					300 UNCH
5650					11.89 + 0.23	.9998					500 UNCH
5750											2045
TOTAL											2045
DEC18					7.67 + 0.09	.6753					1000 UNCH
6150					6.40 + 0.07	.6176					1000 UNCH
6350					0.08 UNCH	.0168					653 UNCH
10500											2653
TOTAL											2653
DEC19					0.52 + 0.04	.0822					40 UNCH
9000					0.13 UNCH	.0226					125 UNCH
11000											165
TOTAL											165
BE PUT BRENT EURO STYLE OPTION											
MAR18					0.01 UNCH	.0021					2500 UNCH
6000											2500
TOTAL											2500
JUN18					0.15 - 0.03	.0354					1000 UNCH
5350					0.42 - 0.05	.0959					1000 UNCH
5850											2000
TOTAL											2000
AUG18					0.01 - 0.01	.0020					30 UNCH
3700					0.14 - 0.01	.0251					30 UNCH
4700											60
TOTAL											60
DEC18					0.10 - 0.02	.0148					1000 UNCH
3900					0.20 - 0.03	.0285					500 UNCH
4250					0.32 - 0.02	.0438					1000 UNCH
4500					0.73 - 0.03	.0924					908 UNCH
5000											3408
TOTAL											3408
FEB19					0.99 - 0.02	.1128					795 UNCH
5000											795

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PG63 BULLETIN # 11@

ENERGY OPTIONS

Wed, Jan 17, 2018 PG63

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include BE PUT BRENT EURO STYLE OPTION, WCI CALL CANADIAN HEAVY CRUDE OIL APO, WCI PUT CANADIAN HEAVY CRUDE OIL APO, and CVR CALL CHICAGO ETHANOL(PLATTS) APO.

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	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
CVR CALL CHICAGO ETHANOL(PLATTS) APO												
MAR18												
15500	----	----	----	----	----	0.0036 - 0.0002	.0744	----	----	----	----	85 UNCH
TOTAL											15	1025 + 15
APR18												
14500	----	----	----	----	----	0.0341 + 0.0022	.3997	----	----	----	----	190 UNCH
15000	----	----	----	----	----	0.0214 + 0.0027	.2734	----	----	----	180	910 + 180
15500	----	----	----	----	----	0.0124 + 0.0021	.1750	----	----	----	----	140 UNCH
TOTAL											180	1240 + 180
MAY18												
14500	----	----	----	----	----	0.0426 + 0.0006	.4563	----	----	----	----	140 UNCH
15000	----	----	----	----	----	0.0256 + 0.0001	.3154	----	----	----	----	100 UNCH
15500	----	----	----	----	----	0.0146 - 0.0002	.2030	----	----	----	----	140 UNCH
TOTAL												380
JUN18												
14500	----	----	----	----	----	0.0529 + 0.0011	.4921	----	----	----	----	140 UNCH
15000	----	----	----	----	----	0.0343 + 0.0007	.3617	----	----	----	----	100 UNCH
15500	----	----	----	----	----	0.0212 + 0.0002	.2509	----	----	----	----	140 UNCH
TOTAL												380
JUL18												
15000	----	----	----	----	----	0.0414 - 0.0002	.3924	----	----	----	----	10 UNCH
TOTAL												10
AUG18												
15000	----	----	----	----	----	0.0460 - 0.0003	.4065	----	----	----	----	10 UNCH
TOTAL												10
SEP18												
15000	----	----	----	----	----	0.0483 - 0.0001	.4077	----	----	----	----	10 UNCH
TOTAL												10
CVR PUT CHICAGO ETHANOL(PLATTS) APO												
JAN18												
11500	----	----	----	----	----	0.0001 UNCH	.0000	----	----	----	----	125 UNCH
12000	----	----	----	----	----	0.0001 UNCH	.0055	----	----	----	----	340 UNCH
12500	----	----	----	----	----	0.0008 + 0.0007	.0482	----	----	----	----	500 UNCH
13000	----	----	----	----	----	0.0121 + 0.0029	.4381	----	----	----	15	193 - 15
13500	----	----	----	----	----	0.0475 - 0.0027	.8771	----	----	----	----	210 UNCH
14000	----	----	----	----	----	0.0951 - 0.0049	.9883	----	----	----	----	188 UNCH
14500	----	----	----	----	----	0.1450 - 0.0050	.9953	----	----	----	----	82 UNCH
TOTAL											15	1638 - 15
FEB18												
12500	----	----	----	----	----	0.0017 - 0.0006	.0540	----	----	----	----	250 UNCH
13000	----	----	----	----	----	0.0080 - 0.0018	.1990	----	----	----	20	255 + 10
13500	----	----	----	----	----	0.0254 - 0.0033	.4609	----	----	----	----	255 UNCH
14000	----	----	----	----	----	0.0567 - 0.0044	.7264	----	----	----	----	150 UNCH
14500	----	----	----	----	----	0.0986 - 0.0049	.8927	----	----	----	----	82 UNCH
TOTAL											20	992 + 10
MAR18												
12500	----	----	----	----	----	0.0035 + 0.0005	.0724	----	----	----	----	150 UNCH
13000	----	----	----	----	----	0.0100 + 0.0010	.1764	----	----	----	----	150 UNCH
13500	----	----	----	----	----	0.0240 + 0.0004	.3454	----	----	----	----	325 UNCH
14000	----	----	----	----	----	0.0478 - 0.0009	.5464	----	----	----	----	150 UNCH
14500	----	----	----	----	----	0.0815 - 0.0018	.7256	----	----	----	----	82 UNCH
TOTAL												857
APR18												
13500	----	----	----	----	----	0.0228 + 0.0012	.2841	----	----	----	50	150 UNCH
14000	----	----	----	----	----	0.0429 + 0.0006	.4419	----	----	----	----	150 UNCH
14500	----	----	----	----	----	0.0714 - 0.0003	.6002	----	----	----	----	20 UNCH
TOTAL											50	320
MAY18												
13500	----	----	----	----	----	0.0193 - 0.0002	.2432	----	----	----	50	100 UNCH
14000	----	----	----	----	----	0.0370 - 0.0012	.3887	----	----	----	----	20 UNCH
14500	----	----	----	----	----	0.0625 - 0.0019	.5436	----	----	----	----	20 UNCH
TOTAL											50	140
JUN18												
13500	----	----	----	----	----	0.0211 - 0.0005	.2392	----	----	----	50	100 UNCH
14000	----	----	----	----	----	0.0385 - 0.0010	.3689	----	----	----	----	20 UNCH
14500	----	----	----	----	----	0.0628 - 0.0014	.5078	----	----	----	----	20 UNCH
TOTAL											50	140
JUL18												
13500	----	----	----	----	----	0.0226 - 0.0002	.2372	----	----	----	----	10 UNCH
14500	----	----	----	----	----	0.0636 - 0.0002	.4850	----	----	----	----	20 UNCH
TOTAL												30
AUG18												
13500	----	----	----	----	----	0.0249 - 0.0001	.2433	----	----	----	----	10 UNCH
14500	----	----	----	----	----	0.0661 - 0.0002	.4773	----	----	----	----	20 UNCH
TOTAL												30
SEP18												
13500	----	----	----	----	----	0.0278 - 0.0001	.2559	----	----	----	----	10 UNCH
14500	----	----	----	----	----	0.0704 - 0.0001	.4819	----	----	----	----	20 UNCH
TOTAL												30
OCT18												
14500	----	----	----	----	----	0.0801 - 0.0001	.5080	----	----	----	----	20 UNCH
TOTAL												20
NOV18												
14500	----	----	----	----	----	0.0895 - 0.0003	.5323	----	----	----	----	20 UNCH
TOTAL												20
DEC18												
14500	----	----	----	----	----	0.0970 - 0.0005	.5508	----	----	----	----	20 UNCH
TOTAL												20
CQA CALL COAL API2 ARGUS/MCCLOS QRTR OPT												
APR18												
9500	----	----	----	----	----	1.21 - 0.18	.2937	----	----	----	----	50 UNCH
10000	----	----	----	----	----	0.34 - 0.08	.1058	----	----	----	----	100 UNCH
TOTAL												150
JUL18												
9700	----	----	----	----	----	1.67 - 0.14	.2660	----	----	----	----	50 UNCH
10000	----	----	----	----	----	1.09 - 0.10	.1902	----	----	----	----	50 UNCH
TOTAL												100
CQA PUT COAL API2 ARGUS/MCCLOS QRTR OPT												
JUL18												
8200	----	----	----	----	----	1.49 + 0.09	.2220	----	----	----	----	50 UNCH
TOTAL												50
CLA CALL COAL API2 ARGUS/MCCLOS CALNDR OPT												
JAN19												
8500	----	----	----	----	----	5.77 - 0.24	.5258	----	----	----	----	25 UNCH



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PRELIMINARY

PG63 BULLETIN # 11@ ENERGY OPTIONS Wed, Jan 17, 2018 PG63

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GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
CLA CALL COAL API2 ARGUS/MCCLOS CALNDR OPT											
JAN19											
8600	----	----	----	----	5.33 - 0.23	.4993	----	----	----	----	50 UNCH
9200	----	----	----	----	3.22 - 0.16	.3507	----	----	----	----	50 UNCH
9500	----	----	----	----	2.46 - 0.12	.2866	----	----	----	----	50 UNCH
TOTAL											175
CLA PUT COAL API2 ARGUS/MCCLOS CALNDR OPT											
JAN19											
6000	----	----	----	----	0.18 + 0.01	.0273	----	----	----	----	75 UNCH
6700	----	----	----	----	0.69 + 0.05	.0877	----	----	----	----	50 UNCH
7000	----	----	----	----	1.10 + 0.07	.1296	----	----	----	----	10 UNCH
7800	----	----	----	----	3.05 + 0.15	.2915	----	----	----	----	50 UNCH
8000	----	----	----	----	3.78	NEW	----	----	----	25	25 + 25
TOTAL										25	210 + 25
MTO CALL COAL API2 CIF ARA ARGSMCCLOSKEY OP											
JAN18											
4500	----	----	----	----	50.13 - 0.20	.9954	----	----	----	----	20 UNCH
5600	----	----	----	----	39.14 - 0.19	.9708	----	----	----	----	5 UNCH
8900	----	----	----	----	6.15 - 0.20	.6449	----	----	----	----	25 UNCH
9100	----	----	----	----	4.15 - 0.20	.6174	----	----	----	----	25 UNCH
TOTAL											75
FEB18											
4500	----	----	----	----	48.38 - 0.45	.9976	----	----	----	----	20 UNCH
5600	----	----	----	----	37.39 - 0.45	.9932	----	----	----	----	5 UNCH
8900	----	----	----	----	4.89 - 0.40	.8360	----	----	----	----	25 UNCH
9100	----	----	----	----	3.38 - 0.36	.7065	----	----	----	----	25 UNCH
TOTAL											75
MAR18											
4500	----	----	----	----	47.41 - 0.55	.9973	----	----	----	----	20 UNCH
5600	----	----	----	----	36.44 - 0.55	.9912	----	----	----	----	5 UNCH
8900	----	----	----	----	4.77 - 0.42	.7200	----	----	----	----	25 UNCH
9100	----	----	----	----	3.51 - 0.36	.6068	----	----	----	----	25 UNCH
TOTAL											75
APR18											
4500	----	----	----	----	46.56 - 0.54	.9939	----	----	----	----	20 UNCH
5600	----	----	----	----	35.60 - 0.55	.9628	----	----	----	----	5 UNCH
TOTAL											25
MAY18											
4500	----	----	----	----	45.80 - 0.50	.9937	----	----	----	----	20 UNCH
5600	----	----	----	----	34.86 - 0.50	.9614	----	----	----	----	5 UNCH
TOTAL											25
JUN18											
4500	----	----	----	----	45.08 - 0.50	.9935	----	----	----	----	20 UNCH
5600	----	----	----	----	34.16 - 0.49	.9601	----	----	----	----	5 UNCH
TOTAL											25
JUL18											
4500	----	----	----	----	44.42 - 0.45	.9933	----	----	----	----	20 UNCH
5600	----	----	----	----	33.51 - 0.45	.9589	----	----	----	----	5 UNCH
TOTAL											25
AUG18											
4500	----	----	----	----	43.75 - 0.44	.9931	----	----	----	----	20 UNCH
5600	----	----	----	----	32.86 - 0.45	.9576	----	----	----	----	5 UNCH
TOTAL											25
SEP18											
4500	----	----	----	----	43.39 - 0.45	.9930	----	----	----	----	20 UNCH
5600	----	----	----	----	32.52 - 0.44	.9570	----	----	----	----	5 UNCH
TOTAL											25
OCT18											
4500	----	----	----	----	43.08 - 0.44	.9929	----	----	----	----	20 UNCH
5600	----	----	----	----	32.22 - 0.45	.9564	----	----	----	----	5 UNCH
TOTAL											25
NOV18											
4500	----	----	----	----	42.75 - 0.45	.9928	----	----	----	----	20 UNCH
5600	----	----	----	----	31.92 - 0.44	.9557	----	----	----	----	5 UNCH
TOTAL											25
DEC18											
4500	----	----	----	----	42.20 - 0.44	.9926	----	----	----	----	20 UNCH
5600	----	----	----	----	31.38 - 0.44	.9546	----	----	----	----	5 UNCH
TOTAL											25
MTO PUT COAL API2 CIF ARA ARGSMCCLOSKEY OP											
JAN18											
3800	----	----	----	----	0.01 UNCH	.0007	----	----	----	----	20 UNCH
TOTAL											20
FEB18											
3800	----	----	----	----	0.01 UNCH	.0010	----	----	----	----	20 UNCH
TOTAL											20
MAR18											
3800	----	----	----	----	0.01 UNCH	.0010	----	----	----	----	20 UNCH
TOTAL											20
APR18											
3800	----	----	----	----	0.01 UNCH	.0010	----	----	----	----	20 UNCH
TOTAL											20
MAY18											
3800	----	----	----	----	0.01 UNCH	.0011	----	----	----	----	20 UNCH
TOTAL											20
JUN18											
3800	----	----	----	----	0.01 UNCH	.0011	----	----	----	----	20 UNCH
TOTAL											20
JUL18											
3800	----	----	----	----	0.01 UNCH	.0011	----	----	----	----	20 UNCH
TOTAL											20
AUG18											
3800	----	----	----	----	0.01 UNCH	.0011	----	----	----	----	20 UNCH
TOTAL											20
SEP18											
3800	----	----	----	----	0.01 UNCH	.0012	----	----	----	----	20 UNCH
TOTAL											20
OCT18											
3800	----	----	----	----	0.01 UNCH	.0012	----	----	----	----	20 UNCH
TOTAL											20
NOV18											
3800	----	----	----	----	0.01 UNCH	.0012	----	----	----	----	20 UNCH
TOTAL											20
DEC18											
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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include AUG20, SEP20, OCT20, NOV20, DEC20.

Table for L01 CALL CRUDE OIL OPTIONS. Columns: FEB18, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST.

Table for L01 PUT CRUDE OIL OPTIONS. Columns: FEB18, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST.

Table for L03 CALL CRUDE OIL OPTIONS. Columns: JAN18, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST.

Table for L03 PUT CRUDE OIL OPTIONS. Columns: JAN18, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST.

L04 CALL CRUDE OIL OPTIONS. THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION. © Copyright CME Group Inc. All rights reserved.



PRELIMINARY

PG63 BULLETIN # 11@

ENERGY OPTIONS

wed, Jan 17, 2018 PG63

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GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
LO4 CALL CRUDE OIL OPTIONS											
JAN18											
5850	----	----	----	----	5.46 + 0.25	.9741	----	----	5	----	2 - 5
6100	----	----	3.18B/2.57A	3.18B/2.57A	3.05 + 0.22	.8987	----	----	----	----	12 UNCH
6150	----	----	2.74B/*2.14A	2.74B/*2.14A	2.60 + 0.22	.8671	----	----	----	----	1 UNCH
6250	----	----	1.88B/1.36A	1.88B/1.36A	1.75 + 0.19	.7613	----	----	----	----	7 UNCH
6300	----	----	1.49B/1.04A	1.49B/1.04A	1.38 + 0.17	.6828	----	----	----	----	15 UNCH
6350	1.03	1.03	1.14B/0.78A	1.14B/0.78A	1.04 + 0.13	.5919	----	----	2	----	39 + 1
6400	0.54	0.54	0.88B/0.54	0.88B/0.54	0.75 + 0.05	.4888	----	----	11	----	31 + 9
6450	0.56	0.56	0.61B/0.41A	0.61B/0.41A	0.53 + 0.02	.3837	----	----	1	----	13 + 1
6500	0.38	0.38	0.45B/0.29A	0.45B/0.29A	0.37 UNCH	.2892	----	----	104	----	123 + 97
6550	0.26	0.26	0.31B/0.21A	0.31B/0.21A	0.25 - 0.02	.2088	----	----	54	----	101 + 50
6600	0.15	0.15	0.21B/0.15	0.21B/0.15	0.17 - 0.02	.1478	----	----	84	----	101 + 84
6650	----	----	0.15B/*0.11A	0.15B/*0.11A	0.12 - 0.01	.1054	----	----	21	----	157 UNCH
6700	0.09	0.09	0.10B/0.09	0.10B/0.09	0.09 UNCH	.0778	----	----	----	----	58 + 21
6750	----	----	----	----	0.06 - 0.01	.0527	----	----	----	----	17 UNCH
6800	0.05	0.05	0.05/*0.04	0.05/*0.04	0.05 UNCH	.0419	----	----	14	----	8 + 14
6850	----	----	----	----	0.04 UNCH	.0324	----	----	----	----	4 UNCH
6900	----	----	----	----	0.03 UNCH	.0239	----	----	----	----	11 UNCH
6950	0.02	0.02	0.02/*0.02	0.02/*0.02	0.02 - 0.01	.0159	----	----	22	----	76 + 22
7000	0.02	0.02	0.02/*0.02	0.02/*0.02	0.02 UNCH	.0149	----	----	16	----	19 + 16
7150	----	----	----	----	0.01 - 0.01	.0069	----	----	----	----	1 UNCH
TOTAL									334		869 + 310
LO4 PUT CRUDE OIL OPTIONS											
JAN18											
5500	----	----	----	----	0.01 - 0.01	.0034	----	----	----	----	20 UNCH
5550	----	----	----	----	0.01 - 0.01	.0054	----	----	----	----	50 UNCH
5600	0.02	0.02	0.02/*0.02	0.02/*0.02	0.02 UNCH	.0105	----	----	375	----	378 + 375
5700	0.02	0.02	0.02/*0.02	0.02/*0.02	0.02 UNCH	.0119	----	----	16	----	22 + 16
5750	0.02	0.02	0.03B/*0.02	0.03B/*0.02	0.03 UNCH	.0178	----	----	6	----	7 + 6
5800	----	----	----	----	0.03 UNCH	.0191	----	----	----	----	47 UNCH
5850	----	----	----	----	0.04 UNCH	.0258	----	----	5	----	25 - 5
5900	----	----	----	----	0.05 UNCH	.0333	----	----	----	----	6 UNCH
5950	----	----	----	----	0.07 UNCH	.0467	----	----	----	----	9 UNCH
6000	0.09	0.09	0.09/0.08	0.09/0.08	0.08 - 0.01	.0564	----	----	20	----	32 + 10
6050	----	----	-----/0.10A	-----/0.10A	0.10 - 0.02	.0728	----	----	----	----	36 UNCH
6100	0.16	0.16	0.17/0.13A	0.17/0.13A	0.14 - 0.02	.1012	----	----	12	----	67 + 12
6150	----	----	0.23B/0.17A	0.23B/0.17A	0.18 - 0.03	.1328	----	----	----	----	26 UNCH
6200	0.26	0.26	0.32B/*0.20	0.32B/*0.20	0.24 - 0.05	.1775	----	----	12	----	25 + 2
6250	0.39	0.39	0.45B/*0.30A	0.45B/*0.30A	0.33 - 0.06	.2386	----	----	52	----	54 + 3
6300	0.65	0.65	0.65/0.41A	0.65/0.41A	0.46 - 0.08	.3171	----	----	55	----	103 - 1
6350	0.88	0.88	0.88/*0.54	0.88/*0.54	0.62 - 0.12	.4080	----	----	4	----	13 + 1
6400	0.98	0.98	1.15B/0.77A	1.15B/0.77A	0.83 - 0.20	.5111	----	----	17	----	43 + 6
6450	----	----	1.49B/1.04A	1.49B/1.04A	1.11 - 0.23	.6162	----	----	----	----	5 UNCH
TOTAL									574		968 + 425
CPF CALL CSX COAL OPT ON QTRLY FUT STRP											
APR18											
6000	----	----	----	----	5.42 + 0.04	.9325	----	----	----	----	10 UNCH
TOTAL											10
JUL18											
6000	----	----	----	----	5.16 + 0.07	.7830	----	----	----	----	10 UNCH
TOTAL											10
OCT18											
6000	----	----	----	----	4.42 + 0.06	.6682	----	----	----	----	10 UNCH
TOTAL											10
AH CALL DUBAI CRUDE OIL (PLATTS) APO											
APR18											
5300	----	----	----	----	12.773 + 0.196	.9808	----	----	----	----	25 UNCH
TOTAL											25
MAY18											
5300	----	----	----	----	12.648 + 0.171	.9556	----	----	----	----	25 UNCH
TOTAL											25
JUN18											
5300	----	----	----	----	12.532 + 0.157	.9303	----	----	----	----	25 UNCH
TOTAL											25
AH PUT DUBAI CRUDE OIL (PLATTS) APO											
APR18											
3565	----	----	----	----	0.001 UNCH	.0002	----	----	----	----	25 UNCH
TOTAL											25
MAY18											
3565	----	----	----	----	0.001 UNCH	.0002	----	----	----	----	25 UNCH
TOTAL											25
JUN18											
3565	----	----	----	----	0.001 UNCH	.0002	----	----	----	----	25 UNCH
TOTAL											25
DAP OFF EIA FLAT TAX ON-HIGHWAY DIESEL APO											
JAN18											
30000	----	----	----	----	0.0178 - 0.0011	.5358	----	----	----	----	6 UNCH
TOTAL											6
FEB18											
30000	----	----	----	----	0.0802 + 0.0028	.5724	----	----	----	----	6 UNCH
TOTAL											6
MAR18											
30000	----	----	----	----	0.1117 + 0.0015	.5534	----	----	----	----	6 UNCH
TOTAL											6
APR18											
30000	----	----	----	----	0.1348 + 0.0016	.5382	----	----	----	----	6 UNCH
TOTAL											6
MAY18											
30000	----	----	----	----	0.1510 + 0.0018	.5252	----	----	----	----	6 UNCH
TOTAL											6
JUN18											
30000	----	----	----	----	0.1665 + 0.0018	.5200	----	----	----	----	6 UNCH
TOTAL											6
JUL18											
30000	----	----	----	----	0.1783 + 0.0011	.5146	----	----	----	----	6 UNCH
TOTAL											6
AUG18											
30000	----	----	----	----	0.1899 + 0.0010	.5119	----	----	----	----	6 UNCH
TOTAL											6
SEP18											
30000	----	----	----	----	0.2043 + 0.0009	.5140	----	----	----	----	6 UNCH
TOTAL											6





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Table with columns: AT CALL, HEATING OIL APO (AVG PRICE) OPTIONS. Rows include JAN18, FEB18, MAR18.

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Table with columns: GLOBEX OPEN, OPEN RANGE, OUTCRY, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include AT CALL, AT PUT, and monthly summaries from JAN18 to JUL18.





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2018 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin  
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20 South Wacker Drive, Chicago, Illinois 60606-7499.  
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	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
E7 CALL													
OCT19													
295	----	----	----	----	----	0.1657		UNCH	.4095	----	----	31	UNCH
300	----	----	----	----	----	0.1504		UNCH	.3820	----	----	31	UNCH
TOTAL												62	
NOV19													
295	----	----	----	----	----	0.1954	- 0.0005		.4435	----	----	30	UNCH
300	----	----	----	----	----	0.1791	- 0.0005		.4168	----	----	30	UNCH
TOTAL												60	
DEC19													
295	----	----	----	----	----	0.2649	- 0.0034		.5204	----	----	31	UNCH
300	----	----	----	----	----	0.2450	- 0.0033		.4938	----	----	31	UNCH
TOTAL												62	
JAN20													
300	----	----	----	----	----	0.3382	- 0.0101		.5574	----	----	31	UNCH
350	----	----	----	----	----	0.1741	- 0.0124		.3484	----	----	31	UNCH
TOTAL												62	
FEB20													
300	----	----	----	----	----	0.3647	- 0.0088		.5574	----	----	29	UNCH
350	----	----	----	----	----	0.2016	- 0.0113		.3667	----	----	29	UNCH
TOTAL												58	
MAR20													
300	----	----	----	----	----	0.3607	- 0.0092		.5400	----	----	31	UNCH
350	----	----	----	----	----	0.2065	- 0.0117		.3627	----	----	31	UNCH
TOTAL												62	
APR20													
350	----	----	----	----	----	0.0665	- 0.0023		.1903	----	----	30	UNCH
TOTAL												30	
MAY20													
350	----	----	----	----	----	0.0615	- 0.0018		.1809	----	----	31	UNCH
TOTAL												31	
JUN20													
350	----	----	----	----	----	0.0635	- 0.0020		.1863	----	----	30	UNCH
TOTAL												30	
JUL20													
350	----	----	----	----	----	0.0675	- 0.0023		.1952	----	----	31	UNCH
TOTAL												31	
AUG20													
350	----	----	----	----	----	0.0703	- 0.0024		.2009	----	----	31	UNCH
TOTAL												31	
SEP20													
350	----	----	----	----	----	0.0708	- 0.0022		.2014	----	----	30	UNCH
TOTAL												30	
OCT20													
350	----	----	----	----	----	0.0784	- 0.0026		.2153	----	----	31	UNCH
TOTAL												31	
NOV20													
350	----	----	----	----	----	0.0961	- 0.0035		.2455	----	----	30	UNCH
TOTAL												30	
DEC20													
350	----	----	----	----	----	0.1408	- 0.0039		.3126	----	----	31	UNCH
TOTAL												31	
JAN21													
350	----	----	----	----	----	0.2057	- 0.0040		.3809	----	----	31	UNCH
TOTAL												31	
FEB21													
350	----	----	----	----	----	0.2274	- 0.0039		.3910	----	----	28	UNCH
TOTAL												28	
MAR21													
350	----	----	----	----	----	0.2395	- 0.0036		.3905	----	----	31	UNCH
TOTAL												31	
APR21													
350	----	----	----	----	----	0.0979	- 0.0022		.2368	----	----	30	UNCH
TOTAL												30	
MAY21													
350	----	----	----	----	----	0.0876	- 0.0019		.2219	----	----	31	UNCH
TOTAL												31	
JUN21													
350	----	----	----	----	----	0.0909	- 0.0018		.2282	----	----	30	UNCH
TOTAL												30	
JUL21													
350	----	----	----	----	----	0.0965	- 0.0017		.2376	----	----	31	UNCH
TOTAL												31	
AUG21													
350	----	----	----	----	----	0.1013	- 0.0016		.2449	----	----	31	UNCH
TOTAL												31	
SEP21													
350	----	----	----	----	----	0.1024	- 0.0019		.2461	----	----	30	UNCH
TOTAL												30	
OCT21													
350	----	----	----	----	----	0.1118	- 0.0021		.2600	----	----	31	UNCH
TOTAL												31	
NOV21													
350	----	----	----	----	----	0.1279	- 0.0025		.2840	----	----	30	UNCH
TOTAL												30	
DEC21													
350	----	----	----	----	----	0.1725	- 0.0033		.3434	----	----	31	UNCH
TOTAL												31	
E7 PUT													
FEB18													
150	----	----	----	----	----	0.0001		UNCH	----	----	----	2	UNCH
200	----	----	----	----	----	0.0001		UNCH	.0004	----	----	5	UNCH
240	----	----	----	----	----	0.0019	- 0.0009		.0095	----	----	5	UNCH
250	----	----	----	----	----	0.0031	- 0.0020		.0160	----	----	3	UNCH
260	----	----	----	----	----	0.0048	- 0.0046		.0259	----	----	14	UNCH
265	----	----	----	----	----	0.0062	- 0.0064		.0337	----	----	8	UNCH
270	----	----	----	----	----	0.0082	- 0.0087		.0447	----	----	8	UNCH
275	----	----	----	----	----	0.0109	- 0.0122		.0591	----	----	3	+
280	----	----	----	----	----	0.0147	- 0.0171		.0784	----	----	17	UNCH
285	----	----	----	----	----	0.0203	- 0.0229		.1048	----	----	4	UNCH
295	----	----	----	----	----	0.0381	- 0.0372		.1783	----	----	46	UNCH
300	----	----	----	----	----	0.0513	- 0.0445		.2251	----	----	90	UNCH
325	----	----	----	----	----	0.1676	- 0.0729		.4953	----	----	28	UNCH
340	----	----	----	----	----	0.2688	- 0.0847		.6342	----	----	10	UNCH
350	----	----	----	----	----	0.3460	- 0.0898		.7080	----	----	15	UNCH
375	----	----	----	----	----	0.5608	- 0.0971		.8339	----	----	10	UNCH

THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.  
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PG63 BULLETIN # 11@

ENERGY OPTIONS

wed, Jan 17, 2018 PG63

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from E7 PUT to NOV18.

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PRELIMINARY

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OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
OPEN	OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE.		CISES	OUTCRY VOLUME	VOLUME	VOLUME	INTEREST
E7 PUT	HENRY HUB FINANCIAL LAST DAY 0										
TOTAL											122
DEC18											
200	----	----	----	----	0.0126 - 0.0011	.0372	----	----	----	----	9 UNCH
225	----	----	----	----	0.0349 - 0.0024	.0902	----	----	----	----	1 UNCH
230	----	----	----	----	0.0415 - 0.0028	.1045	----	----	----	----	4 UNCH
240	----	----	----	----	0.0577 - 0.0035	.1377	----	----	----	----	5 UNCH
250	----	----	----	----	0.0785 - 0.0045	.1768	----	----	----	----	4 UNCH
260	----	----	----	----	0.1045 - 0.0056	.2214	----	----	----	----	14 UNCH
270	----	----	----	----	0.1364 - 0.0067	.2707	----	----	----	----	2 UNCH
275	----	----	----	----	0.1546 - 0.0072	.2967	----	----	----	----	14 UNCH
280	----	----	----	----	0.1742 - 0.0078	.3234	----	----	----	----	9 UNCH
375	----	----	----	----	0.7899 - 0.0167	.7748	----	----	----	----	62 UNCH
TOTAL											124
JAN19											
200	----	----	----	----	0.0095 - 0.0006	.0288	----	----	----	----	25 UNCH
225	----	----	----	----	0.0294 - 0.0014	.0762	----	----	----	----	1 UNCH
230	----	----	----	----	0.0358 - 0.0016	.0898	----	----	----	----	4 UNCH
300	----	----	----	----	0.2623 - 0.0074	.3941	----	----	----	----	27 UNCH
TOTAL											57
FEB19											
200	----	----	----	----	0.0180 - 0.0003	.0454	----	----	----	----	28 UNCH
230	----	----	----	----	0.0555 - 0.0012	.1165	----	----	----	----	4 UNCH
300	----	----	----	----	0.3111 - 0.0058	.4059	----	----	----	----	27 UNCH
TOTAL											59
MAR19											
200	----	----	----	----	0.0315 - 0.0014	.0685	----	----	----	----	30 UNCH
230	----	----	----	----	0.0840 - 0.0030	.1522	----	----	----	----	4 UNCH
300	----	----	----	----	0.3788 - 0.0086	.4354	----	----	----	----	27 UNCH
TOTAL											61
APR19											
200	----	----	----	----	0.0291 - 0.0016	.0858	----	----	----	----	5 UNCH
230	----	----	----	----	0.0827 - 0.0035	.2062	----	----	----	----	4 UNCH
TOTAL											9
MAY19											
200	----	----	----	----	0.0301 - 0.0013	.0914	----	----	----	----	7 UNCH
230	----	----	----	----	0.0861 - 0.0029	.2204	----	----	----	----	4 UNCH
TOTAL											11
JUN19											
200	----	----	----	----	0.0299 - 0.0009	.0889	----	----	----	----	7 UNCH
230	----	----	----	----	0.0844 - 0.0020	.2126	----	----	----	----	4 UNCH
TOTAL											11
JUL19											
200	----	----	----	----	0.0293 - 0.0009	.0857	----	----	----	----	12 UNCH
230	----	----	----	----	0.0820 - 0.0018	.2041	----	----	----	----	4 UNCH
250	----	----	----	----	0.1441 - 0.0025	.3168	----	----	----	----	31 UNCH
260	----	----	----	----	0.1848 - 0.0028	.3801	----	----	----	----	31 UNCH
TOTAL											78
AUG19											
200	----	----	----	----	0.0313 - 0.0009	.0892	----	----	----	----	10 UNCH
230	----	----	----	----	0.0853 - 0.0018	.2076	----	----	----	----	4 UNCH
250	----	----	----	----	0.1482 - 0.0024	.3193	----	----	----	----	31 UNCH
260	----	----	----	----	0.1892 - 0.0027	.3818	----	----	----	----	31 UNCH
TOTAL											76
SEP19											
200	----	----	----	----	0.0348 - 0.0011	.0963	----	----	----	----	8 UNCH
230	----	----	----	----	0.0921 - 0.0021	.2180	----	----	----	----	3 UNCH
250	----	----	----	----	0.1576 - 0.0028	.3303	----	----	----	----	30 UNCH
260	----	----	----	----	0.1998 - 0.0031	.3926	----	----	----	----	30 UNCH
TOTAL											71
OCT19											
200	----	----	----	----	0.0354 - 0.0008	.0948	----	----	----	----	4 UNCH
230	----	----	----	----	0.0919 - 0.0015	.2115	----	----	----	----	3 UNCH
260	----	----	----	----	0.1968 - 0.0023	.3788	----	----	----	----	31 UNCH
TOTAL											38
NOV19											
200	----	----	----	----	0.0293 - 0.0004	.0813	----	----	----	----	6 UNCH
230	----	----	----	----	0.0852 - 0.0008	.1948	----	----	----	----	3 UNCH
260	----	----	----	----	0.1880 - 0.0012	.3539	----	----	----	----	30 UNCH
TOTAL											39
DEC19											
200	----	----	----	----	0.0234 - 0.0003	.0629	----	----	----	----	2 UNCH
230	----	----	----	----	0.0693 - 0.0006	.1551	----	----	----	----	3 UNCH
260	----	----	----	----	0.1556 - 0.0008	.2911	----	----	----	----	31 UNCH
TOTAL											36
JAN20											
230	----	----	----	----	0.0755 - 0.0035	.1452	----	----	----	----	3 UNCH
TOTAL											3
FEB20											
230	----	----	----	----	0.0976 - 0.0040	.1641	----	----	----	----	3 UNCH
TOTAL											3
MAR20											
230	----	----	----	----	0.1236 - 0.0047	.1885	----	----	----	----	3 UNCH
TOTAL											3
APR20											
230	----	----	----	----	0.1110 - 0.0044	.2379	----	----	----	----	3 UNCH
TOTAL											3
MAY20											
230	----	----	----	----	0.1100 - 0.0038	.2423	----	----	----	----	3 UNCH
TOTAL											3
JUN20											
230	----	----	----	----	0.1024 - 0.0035	.2288	----	----	----	----	3 UNCH
TOTAL											3
JUL20											
230	----	----	----	----	0.0966 - 0.0032	.2164	----	----	----	----	3 UNCH
TOTAL											3
AUG20											
230	----	----	----	----	0.0945 - 0.0031	.2109	----	----	----	----	3 UNCH
TOTAL											3
SEP20											
230	----	----	----	----	0.0967 - 0.0029	.2136	----	----	----	----	2 UNCH
TOTAL											2
OCT20											
230	----	----	----	----	0.0947 - 0.0027	.2053	----	----	----	----	2 UNCH
TOTAL											2
NOV20											
230	----	----	----	----	0.0887 - 0.0025	.1873	----	----	----	----	2 UNCH
TOTAL											2

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	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
HENRY HUB FINANCIAL LAST DAY 0														
E7 PUT														
DEC20														
230	----	----	----	----	----	----	----	0.0736 - 0.0021	.1501	----	----	----	----	2
TOTAL														2
JAN21														
230	----	----	----	----	----	----	----	0.0803 - 0.0020	.1416	----	----	----	----	2
TOTAL														2
FEB21														
230	----	----	----	----	----	----	----	0.0996 - 0.0021	.1585	----	----	----	----	2
TOTAL														2
MAR21														
230	----	----	----	----	----	----	----	0.1266 - 0.0020	.1821	----	----	----	----	2
TOTAL														2
APR21														
230	----	----	----	----	----	----	----	0.1292 - 0.0019	.2416	----	----	----	----	2
TOTAL														2
MAY21														
230	----	----	----	----	----	----	----	0.1263 - 0.0016	.2454	----	----	----	----	2
TOTAL														2
JUN21														
230	----	----	----	----	----	----	----	0.1197 - 0.0016	.2352	----	----	----	----	2
TOTAL														2
JUL21														
230	----	----	----	----	----	----	----	0.1156 - 0.0015	.2262	----	----	----	----	2
TOTAL														2
AUG21														
230	----	----	----	----	----	----	----	0.1142 - 0.0015	.2216	----	----	----	----	2
TOTAL														2
SEP21														
230	----	----	----	----	----	----	----	0.1160 - 0.0009	.2232	----	----	----	----	1
TOTAL														1
OCT21														
230	----	----	----	----	----	----	----	0.1138 - 0.0011	.2149	----	----	----	----	1
TOTAL														1
NOV21														
230	----	----	----	----	----	----	----	0.1135 - 0.0006	.2014	----	----	----	----	1
TOTAL														1
DEC21														
230	----	----	----	----	----	----	----	0.0977 - 0.0006	.1660	----	----	----	----	1
TOTAL														1
JAN22														
230	----	----	----	----	----	----	----	0.0773 - 0.0001	.1367	----	----	----	----	1
TOTAL														1
FEB22														
230	----	----	----	----	----	----	----	0.0920 - 0.0001	.1507	----	----	----	----	1
TOTAL														1
MAR22														
230	----	----	----	----	----	----	----	0.1154 + 0.0001	.1730	----	----	----	----	1
TOTAL														1
APR22														
230	----	----	----	----	----	----	----	0.1244 + 0.0003	.2337	----	----	----	----	1
TOTAL														1
MAY22														
230	----	----	----	----	----	----	----	0.1306 + 0.0005	.2421	----	----	----	----	1
TOTAL														1

LLS ARGUS V.WTI CRUDE OIL AVG PRICE														
W30 OPT														
JUL18														
400	----	----	----	----	----	----	----	0.56 + 0.01	.4317	----	----	----	----	250
450	----	----	----	----	----	----	----	0.18 + 0.01	.2506	----	----	----	----	50
TOTAL														300
AUG18														
400	----	----	----	----	----	----	----	0.59 + 0.01	.4277	----	----	----	----	250
450	----	----	----	----	----	----	----	UNCH	.2513	----	----	----	----	50
TOTAL														300
SEP18														
400	----	----	----	----	----	----	----	0.61 UNCH	.4216	----	----	----	----	250
450	----	----	----	----	----	----	----	0.21 + 0.01	.2557	----	----	----	----	50
TOTAL														300
OCT18														
400	----	----	----	----	----	----	----	0.65 UNCH	.4209	----	----	----	----	250
450	----	----	----	----	----	----	----	0.22 UNCH	.2571	----	----	----	----	50
TOTAL														300
NOV18														
400	----	----	----	----	----	----	----	0.68 + 0.01	.4196	----	----	----	----	250
450	----	----	----	----	----	----	----	0.24 UNCH	.2631	----	----	----	----	50
TOTAL														300
DEC18														
400	----	----	----	----	----	----	----	0.69 UNCH	.4126	----	----	----	----	250
450	----	----	----	----	----	----	----	0.25 UNCH	.2610	----	----	----	----	50
TOTAL														300

MT BELVIEU ETHANE 5-DCML (OPIS)														
4J CALL														
JAN18														
3200	----	----	----	----	----	----	----	0.00001 UNCH	.0016	----	----	----	----	10
3500	----	----	----	----	----	----	----	0.00001 UNCH	----	----	----	----	----	25
TOTAL														35
FEB18														
3200	----	----	----	----	----	----	----	0.00313 +0.00052	.1665	----	----	----	----	10
TOTAL														10
MAR18														
3200	----	----	----	----	----	----	----	0.00693 +0.00074	.2423	----	----	----	----	10
TOTAL														10
APR18														
3200	----	----	----	----	----	----	----	0.00806 +0.00068	.2566	----	----	----	----	10
TOTAL														10
MAY18														
3200	----	----	----	----	----	----	----	0.01128 +0.00152	.3005	----	----	----	----	10
TOTAL														10
JUN18														
3200	----	----	----	----	----	----	----	0.01461 +0.00174	.3373	----	----	----	----	10
TOTAL														10

THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.

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PG63 BULLETIN # 11@

ENERGY OPTIONS

Wed, Jan 17, 2018 PG63

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PRICE INDICATOR KEY

R= RECORD VOLUME OR OPEN INTEREST, B= BID, A=ASK, P= POST SETTLEMENT SESSION, N= NOMINAL CLOSE, WHICH DESIGNATES THAT THE CONTRACT DID NOT TRADE DURING THE RTH SESSION AND NO BETTER BID OR BETTER OFFER OCCURRED DURING THE RTH CLOSING RANGE TIME PERIOD. IN ALL INSTANCES, THE NOMINAL PRICE IS THE PREVIOUS DAY'S SETTLEMENT PRICE.

GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
4J CALL MT BELVIEU ETHANE 5-DCML (OPIS)											
TOTAL											10
JUL18	----	----	----	----	0.01714 +).00101	.3582	----	----	----	----	10 UNCH
TOTAL											10
AUG18	----	----	----	----	0.02042 +).00110	.3858	----	----	----	----	10 UNCH
TOTAL											10
SEP18	----	----	----	----	0.02395 +).00094	.4123	----	----	----	----	10 UNCH
TOTAL											10
OCT18	----	----	----	----	0.02250 +).00094	.4080	----	----	----	----	10 UNCH
TOTAL											10
NOV18	----	----	----	----	0.02570 +).00125	.4321	----	----	----	----	10 UNCH
TOTAL											10
DEC18	----	----	----	----	0.02928 +).00161	.4563	----	----	----	----	10 UNCH
TOTAL											10
4J PUT MT BELVIEU ETHANE 5-DCML (OPIS)											
TOTAL											50 UNCH
JAN18	----	----	----	----	0.00001 UNCH	.0021	----	----	----	----	50 UNCH
TOTAL											50
FEB18	----	----	----	----	0.00196 -.00067	.1037	----	----	----	----	50 UNCH
TOTAL											50
MAR18	----	----	----	----	0.00635 -.00092	.1973	----	----	----	----	50 UNCH
TOTAL											50
4K CALL MT BELVIEU NRM BUTANE 5-DCML (OPIS)											
JAN18	8000	----	----	----	0.22800 +).00587	.9999	----	----	----	----	200 UNCH
11000	----	----	----	----	0.00024 -.00011	.0168	----	----	----	----	25 UNCH
12500	----	----	----	----	0.00001 UNCH	.0004	----	----	----	----	25 UNCH
TOTAL											250
4K PUT MT BELVIEU NRM BUTANE 5-DCML (OPIS)											
JAN18	7000	----	----	----	0.00001 UNCH	----	----	----	----	----	25 UNCH
8500	----	----	----	----	0.00001 UNCH	.0004	----	----	----	----	50 UNCH
TOTAL											75
4H CALL MT BELVIEU PROPANE 5-DCML (OPIS)											
JAN18	6250	----	----	----	0.30989 +).00587	1.0000	----	----	----	----	4 UNCH
6500	----	----	----	----	0.28490 +).00587	1.0000	----	----	----	----	45 UNCH
7000	----	----	----	----	0.23493 +).00587	.9999	----	----	----	----	50 UNCH
7375	----	----	----	----	0.19745 +).00586	.9998	----	----	----	----	6 UNCH
8000	----	----	----	----	0.13498 +).00586	.9992	----	----	----	----	1 UNCH
8300	----	----	----	----	0.10500 +).00585	.9988	----	----	----	----	7 UNCH
8500	----	----	----	----	0.08503 +).00577	.9983	----	----	----	----	5 UNCH
8550	----	----	----	----	0.08005 +).00572	.9969	----	----	----	----	5 UNCH
9000	----	----	----	----	0.03759 +).00337	.8636	----	----	----	----	95 UNCH
9500	----	----	----	----	0.00881 +).00009	.3494	----	----	----	----	11 UNCH
9700	----	----	----	----	0.00392 -.00029	.1824	----	----	----	----	2 UNCH
9800	----	----	----	----	0.00250 -.00032	.1241	----	----	----	----	4 UNCH
10000	----	----	----	----	0.00092 -.00026	.0507	----	----	----	----	400 UNCH
10500	----	----	----	----	0.00005 -.00004	.0031	----	----	----	----	1 UNCH
12000	----	----	----	----	0.00001 UNCH	.0003	----	----	----	----	235 UNCH
TOTAL											871
FEB18	6250	----	----	----	0.30512 +).01063	1.0000	----	----	----	----	4 UNCH
6500	----	----	----	----	0.28016 +).01062	1.0000	----	----	----	----	45 UNCH
7000	----	----	----	----	0.23024 +).01062	.9999	----	----	----	----	50 UNCH
7375	----	----	----	----	0.19281 +).01062	.9997	----	----	----	----	6 UNCH
8000	----	----	----	----	0.13061 +).01011	.9770	----	----	----	----	1 UNCH
8300	----	----	----	----	0.10367 +).00803	.9203	----	----	----	----	6 UNCH
8500	----	----	----	----	0.08920 +).00631	.8353	----	----	----	----	5 UNCH
8550	----	----	----	----	0.08607 +).00590	.8127	----	----	----	----	4 UNCH
9000	----	----	----	----	0.06549 +).00302	.6253	----	----	----	----	95 UNCH
9500	----	----	----	----	0.04852 +).00379	.4763	----	----	----	----	25 UNCH
9700	----	----	----	----	0.04150 +).00250	.4241	----	----	----	----	2 UNCH
9800	----	----	----	----	0.03873 +).00228	.4004	----	----	----	----	4 UNCH
10000	----	----	----	----	0.03382 +).00188	.3567	----	----	----	----	80 UNCH
10500	----	----	----	----	0.02450 +).00112	.2677	----	----	----	----	1 UNCH
12000	----	----	----	----	0.01112 +).00016	.1243	----	----	----	----	235 UNCH
TOTAL											563
MAR18	6250	----	----	----	0.26200 +).00752	.9568	----	----	----	----	3 UNCH
6500	----	----	----	----	0.23928 +).00731	.9359	----	----	----	----	45 UNCH
7000	----	----	----	----	0.19613 +).00675	.8776	----	----	----	----	60 UNCH
7375	----	----	----	----	0.16626 +).00623	.8257	----	----	----	----	5 UNCH
8000	----	----	----	----	0.12222 +).00521	.7141	----	----	----	----	1 UNCH
8300	----	----	----	----	0.10389 +).00469	.6539	----	----	----	----	5 UNCH
8500	----	----	----	----	0.09272 +).00434	.6123	----	----	----	----	15 UNCH
8550	----	----	----	----	0.09006 +).00426	.6018	----	----	----	----	2 UNCH
9000	----	----	----	----	0.06871 +).00335	.5072	----	----	----	----	110 UNCH
9500	----	----	----	----	0.05376 +).00170	.4156	----	----	----	----	25 UNCH
9700	----	----	----	----	0.04928 +).00147	.3846	----	----	----	----	1 UNCH
9800	----	----	----	----	0.04724 +).00136	.3701	----	----	----	----	4 UNCH
10000	----	----	----	----	0.04354 +).00119	.3432	----	----	----	----	100 UNCH
10500	----	----	----	----	0.03605 +).00081	.2865	----	----	----	----	1 UNCH
12000	----	----	----	----	0.02331 +).00023	.1821	----	----	----	----	75 UNCH
TOTAL											452
APR18	6250	----	----	----	0.21613 +).00093	.9100	----	----	----	----	1 UNCH
7375	----	----	----	----	0.13144 +).00053	.7339	----	----	----	----	1 UNCH
8300	----	----	----	----	0.08079 +).00022	.5513	----	----	----	----	3 UNCH
8550	----	----	----	----	0.07006 +).00016	.5020	----	----	----	----	1 UNCH
9000	----	----	----	----	0.05363 +).00007	.4173	----	----	----	----	50 UNCH
10500	----	----	----	----	0.00025 UNCH	.0088	----	----	----	----	1 UNCH
TOTAL											57
MAY18	7375	----	----	----	0.12801 -.00077	.6864	----	----	----	----	1 UNCH
8300	----	----	----	----	0.08251 -.00071	.5236	----	----	----	----	1 UNCH
9000	----	----	----	----	0.05214 -.00060	.3956	----	----	----	----	50 UNCH
TOTAL											52
JUN18	9000	----	----	----	0.05977 -.00057	.4087	----	----	----	----	50 UNCH





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GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
4H CALL MT BELVIEU PROPANE 5-DCML (OPIS)											
TOTAL											50
NOV18	7600	----	----	----	0.14334 +0.00021	.6515	----	----	----	----	1 UNCH
TOTAL											1
DEC18	7600	----	----	----	0.15106 +0.00064	.6556	----	----	----	----	1 UNCH
TOTAL											1
JAN19	7600	----	----	----	0.12800 +0.00028	.6666	----	----	----	----	1 UNCH
TOTAL											1
FEB19	7600	----	----	----	0.12246 -0.00051	.6442	----	----	----	----	1 UNCH
TOTAL											1
MAR19	7600	----	----	----	0.09356 -0.00288	.5581	----	----	----	----	1 UNCH
TOTAL											1
4H PUT MT BELVIEU PROPANE 5-DCML (OPIS)											
JAN18	4500	----	----	----	0.00001 UNCH	----	----	----	----	----	1 UNCH
5500	----	----	----	----	0.00001 UNCH	----	----	----	----	----	25 UNCH
6000	----	----	----	----	0.00001 UNCH	----	----	----	----	----	25 UNCH
6100	----	----	----	----	0.00001 UNCH	----	----	----	----	----	1 UNCH
6600	----	----	----	----	0.00001 UNCH	----	----	----	----	----	2 UNCH
6750	----	----	----	----	0.00001 UNCH	----	----	----	----	----	10 UNCH
7000	----	----	----	----	0.00001 UNCH	.0000	----	----	----	----	30 UNCH
7500	----	----	----	----	0.00001 UNCH	.0004	----	----	----	----	50 UNCH
8500	----	----	----	----	0.00002 -0.00009	.0016	----	----	----	----	33 UNCH
9000	----	----	----	----	0.00255 -0.00249	.1363	----	----	----	----	100 UNCH
TOTAL											277
FEB18	4500	----	----	----	0.00001 UNCH	----	----	----	----	----	1 UNCH
5500	----	----	----	----	0.00001 UNCH	----	----	----	----	----	25 UNCH
6000	----	----	----	----	0.00001 UNCH	----	----	----	----	----	25 UNCH
6100	----	----	----	----	0.00001 UNCH	----	----	----	----	----	1 UNCH
6600	----	----	----	----	0.00001 UNCH	----	----	----	----	----	2 UNCH
6750	----	----	----	----	0.00001 UNCH	----	----	----	----	----	10 UNCH
7000	----	----	----	----	0.00001 UNCH	.0000	----	----	----	----	25 UNCH
7500	----	----	----	----	0.00001 UNCH	.0005	----	----	----	----	50 UNCH
9000	----	----	----	----	0.03491 -0.00759	.3746	----	----	----	----	75 UNCH
TOTAL											214
MAR18	4500	----	----	----	0.00010 -0.00002	.0013	----	----	----	----	1 UNCH
5500	----	----	----	----	0.00114 -0.00019	.0137	----	----	----	----	35 UNCH
6000	----	----	----	----	0.00302 -0.00043	.0333	----	----	----	----	25 UNCH
6100	----	----	----	----	0.00360 -0.00049	.0389	----	----	----	----	1 UNCH
6600	----	----	----	----	0.00790 -0.00091	.0775	----	----	----	----	2 UNCH
7000	----	----	----	----	0.01353 -0.00137	.1223	----	----	----	----	25 UNCH
7500	----	----	----	----	0.02410 -0.00208	.1958	----	----	----	----	50 UNCH
9000	----	----	----	----	0.08553 -0.00475	.4927	----	----	----	----	75 UNCH
TOTAL											214
APR18	4500	----	----	----	0.00028 -0.00002	.0038	----	----	----	----	1 UNCH
5500	----	----	----	----	0.00293 -0.00013	.0326	----	----	----	----	25 UNCH
6000	----	----	----	----	0.00698 -0.00025	.0692	----	----	----	----	25 UNCH
TOTAL											51
MAY18	5500	----	----	----	0.00702 -0.00009	.0621	----	----	----	----	25 UNCH
6000	----	----	----	----	0.01394 -0.00012	.1102	----	----	----	----	25 UNCH
TOTAL											50
JUN18	5500	----	----	----	0.01145 -0.00008	.0847	----	----	----	----	25 UNCH
6000	----	----	----	----	0.02049 -0.00010	.1363	----	----	----	----	25 UNCH
TOTAL											50
JUL18	5500	----	----	----	0.01118 -0.00006	.0840	----	----	----	----	25 UNCH
6000	----	----	----	----	0.02013 -0.00007	.1359	----	----	----	----	25 UNCH
TOTAL											50
AUG18	5500	----	----	----	0.01432 -0.00011	.0954	----	----	----	----	25 UNCH
6000	----	----	----	----	0.02440 -0.00015	.1468	----	----	----	----	25 UNCH
TOTAL											50
SEP18	5500	----	----	----	0.01745 -0.00024	.1044	----	----	----	----	25 UNCH
6000	----	----	----	----	0.02846 -0.00034	.1545	----	----	----	----	25 UNCH
TOTAL											50
OCT18	5500	----	----	----	0.01402 -0.00015	.0923	----	----	----	----	25 UNCH
6000	----	----	----	----	0.02383 -0.00021	.1418	----	----	----	----	25 UNCH
TOTAL											50
NOV18	5500	----	----	----	0.01622 -0.00015	.0988	----	----	----	----	25 UNCH
6000	----	----	----	----	0.02670 -0.00021	.1475	----	----	----	----	25 UNCH
TOTAL											50
DEC18	5500	----	----	----	0.01850 -0.00022	.1046	----	----	----	----	25 UNCH
6000	----	----	----	----	0.02962 -0.00030	.1523	----	----	----	----	25 UNCH
TOTAL											50
DEC19	5900	----	----	----	0.02180 +0.00050	.1778	----	----	----	----	10 UNCH
TOTAL											10
DEC20	6350	----	----	----	0.01621 +0.00138	.1996	----	----	----	----	10 UNCH
TOTAL											10
G4 CALL NATURAL GAS 1 M CSO FIN											
FEB18	50	----	----	----	0.162 + 0.039	.9316	----	----	----	----	500 UNCH
100	----	----	----	----	0.119 + 0.033	.8368	----	----	----	----	2000 UNCH
150	----	----	----	----	0.086 + 0.026	.6807	----	----	----	----	100 UNCH
200	----	----	----	----	0.060 + 0.021	.5239	----	----	----	----	700 UNCH
300	----	----	----	----	0.037 NEW	.3007	----	----	----	200	200 + UNCH
TOTAL											200
MAR18	0	----	----	----	0.230 + 0.026	.8332	----	----	----	----	2450 UNCH
100	----	----	----	----	0.174 + 0.023	.6564	----	----	----	----	7974 UNCH
250	----	----	----	----	0.118 + 0.019	.4530	----	----	300	9648 - UNCH	
500	----	----	----	----	0.071 + 0.012	.2574	----	----	100	20077 UNCH	
750	----	----	----	----	0.050 + 0.009	.1643	----	----	----	----	10686 UNCH

PRELIMINARY



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OPEN	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
G4 CALL NATURAL GAS 1 M CSO FIN												
MAR18												
1000	----	----	----	----	----	0.038 + 0.006	.1138	----	----	----	250	24243 UNCH
1500	----	----	----	----	----	0.023 + 0.006	.0603	----	----	----	----	4775 UNCH
2000	----	----	----	----	----	0.012 + 0.003	.0301	----	----	----	----	2701 UNCH
TOTAL											650	82554 - 250
G4 PUT NATURAL GAS 1 M CSO FIN												
FEB18												
50	----	----	----	----	----	0.004 - 0.002	.0683	----	----	----	----	900 UNCH
100	----	----	----	----	----	0.011 - 0.008	.1631	----	----	----	----	700 UNCH
150	----	----	----	----	----	0.028 - 0.015	.3192	----	----	----	200	500 UNCH
200	----	----	----	----	----	0.052 - 0.020	.4760	----	----	----	----	100 UNCH
TOTAL											200	2200
MAR18												
- 50	----	----	----	----	----	0.007 - 0.002	.0793	----	----	----	----	1000 UNCH
0	----	----	----	----	----	0.020 - 0.003	.1668	----	----	----	800	16375 UNCH
100	----	----	----	----	----	0.064 - 0.006	.3435	----	----	----	500	8825 + 200
250	----	----	----	----	----	0.158 - 0.010	.5469	----	----	----	500	14100 + 500
500	----	----	----	----	----	0.361 - 0.017	.7425	----	----	----	----	11800 UNCH
1000	----	----	----	----	----	0.827 - 0.023	.8861	----	----	----	----	900 UNCH
TOTAL											1800	53000 + 700
OCT18												
- 100	----	----	----	----	----	0.026	NEW	.3325	----	----	500	0 UNCH
TOTAL											500	0
G3 CALL NATURAL GAS 3 M CSO FIN												
OCT18												
- 200	----	----	----	----	----	0.045 + 0.003	.3858	----	----	----	----	6850 UNCH
TOTAL												6850
G3 PUT NATURAL GAS 3 M CSO FIN												
OCT18												
- 500	----	----	----	----	----	0.016 - 0.001	.1360	----	----	----	----	8501 UNCH
- 400	----	----	----	----	----	0.029 - 0.001	.2343	----	----	----	----	300 UNCH
- 350	----	----	----	----	----	0.039 - 0.001	.3044	----	----	----	----	14550 UNCH
- 200	----	----	----	----	----	0.092 - 0.002	.6141	----	----	----	----	1000 UNCH
TOTAL												24351
G6 CALL NATURAL GAS 6 M CSO FIN												
APR18												
0	----	----	----	----	----	0.038 + 0.006	.3707	----	----	----	----	3950 UNCH
TOTAL												3950
G6 PUT NATURAL GAS 6 M CSO FIN												
APR18												
- 200	----	----	----	----	----	0.009 + 0.001	.1282	----	----	----	500	6450 + 500
- 150	----	----	----	----	----	0.019 - 0.003	.2295	----	----	----	----	2750 UNCH
- 100	----	----	----	----	----	0.035 - 0.003	.3566	----	----	----	500	7300 + 500
TOTAL											1000	16500 + 1000
6J CALL NATURAL GAS OPTION ON CALENDAR STRP												
JAN19												
3000	----	----	----	----	----	0.1093 + 0.0027	.3766	----	----	----	----	860 UNCH
3250	----	----	----	----	----	0.0508 + 0.0015	.2105	----	----	----	----	300 UNCH
3500	----	----	----	----	----	0.0215 + 0.0007	.1043	----	----	----	----	24 UNCH
4000	----	----	----	----	----	0.0031 + 0.0002	.0192	----	----	----	----	114 UNCH
TOTAL												1298
JAN21												
3500	----	----	----	----	----	0.0691 - 0.0007	.2089	----	----	----	----	256 UNCH
4000	----	----	----	----	----	0.0176 - 0.0003	.0698	----	----	----	----	256 UNCH
TOTAL												512
JAN22												
3500	----	----	----	----	----	0.1193 - 0.0018	.2776	----	----	----	----	124 UNCH
TOTAL												124
JAN23												
3500	----	----	----	----	----	0.1471 - 0.0019	.3087	----	----	----	----	124 UNCH
TOTAL												124
JAN25												
4000	----	----	----	----	----	0.1491 - 0.0017	.2657	----	----	----	----	124 UNCH
TOTAL												124
ZR CALL NORTHERN ROCKIES PIPE OPTION												
FEB18												
3400	----	----	----	----	----	0.0034 + 0.0015	.0275	----	----	----	----	168 UNCH
3500	----	----	----	----	----	0.0018 + 0.0008	.0149	----	----	----	----	56 UNCH
3750	----	----	----	----	----	0.0004 + 0.0002	.0033	----	----	----	----	644 UNCH
3900	----	----	----	----	----	0.0002 + 0.0001	.0016	----	----	----	----	308 UNCH
4000	----	----	----	----	----	0.0001 UNCH	.0008	----	----	----	----	280 UNCH
4250	----	----	----	----	----	0.0001 UNCH	.0001	----	----	----	----	112 UNCH
4500	----	----	----	----	----	0.0001 UNCH	.0000	----	----	----	----	28 UNCH
TOTAL												1596
DEC18												
3500	----	----	----	----	----	0.0562 + 0.0030	.1763	----	----	----	----	372 UNCH
3600	----	----	----	----	----	0.0459 + 0.0025	.1490	----	----	----	----	62 UNCH
TOTAL												434
JAN19												
3500	----	----	----	----	----	0.1158 + 0.0018	.2654	----	----	----	----	372 UNCH
3600	----	----	----	----	----	0.1031 + 0.0015	.2399	----	----	----	----	62 UNCH
TOTAL												434
FEB19												
3500	----	----	----	----	----	0.1302 + 0.0042	.2754	----	----	----	----	336 UNCH
3600	----	----	----	----	----	0.1174 + 0.0038	.2519	----	----	----	----	56 UNCH
TOTAL												392
DEC19												
3300	----	----	----	----	----	0.0635 - 0.0007	.1947	----	----	----	----	124 UNCH
TOTAL												124
JAN20												
3300	----	----	----	----	----	0.1146 - 0.0016	.2749	----	----	----	----	124 UNCH
TOTAL												124
FEB20												
3300	----	----	----	----	----	0.1310 - 0.0005	.2890	----	----	----	----	116 UNCH
TOTAL												116
9U CALL NYISO ZONE G OPTION												
FEB18												



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ENERGY OPTIONS

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include NYISO ZONE G OPTION, NYMEX CRUDE OIL (EURO) OPTS (PHY) for months FEB18, MAR18, APR18, MAY18, JUN18, JUL18, AUG18, SEP18.





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Table with columns: LO CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include FEB18 and MAR18 contracts for NYMEX CRUDE OIL OPTIONS (PHY).

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Table with columns: LO CALL, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include MAR18 and APR18 contracts.

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Table with columns: LO CALL, OPEN, OUTCRY, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include APR18 and MAY18 contracts for various oil options.

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Table with columns: LO CALL, OPEN, GLOBEX OPEN, OPEN OUTCRY, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include MAY18, JUN18, and JUL18 contracts.

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include AUG18 contracts for NYMEX CRUDE OIL OPTIONS (PHY).

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Table with columns: LO CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contract months like DEC19, JAN20, JUN20, DEC20, DEC21, DEC22, DEC23, FEB18.

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Table with columns: LO PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include FEB18 and MAR18 contracts for NYMEX CRUDE OIL OPTIONS (PHY).

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Wed, Jan 17, 2018 PG63

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Table with columns: LO, PUT, OPEN, OUTCRY, GLOBEX, OPEN, OUTCRY, SETT.PRICE & PT.CHGE., DELTA, EXER, CISES, OPEN, GLOBEX, PNT, OPEN. Rows include NYMEX CRUDE OIL OPTIONS (PHY) for OCT18, NOV18, DEC18, and JAN19.



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Table with columns: OH CALL, FEB18, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include NYMEX HEATING OIL (PHY) OPTIONS for various months from FEB18 to APR18.

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THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.



PRELIMINARY

PG63 BULLETIN # 11@

ENERGY OPTIONS

wed, Jan 17, 2018 PG63

THE CME GROUP DAILY BULLETIN ONLY DISPLAYS THOSE PRODUCTS/CONTRACT MONTHS THAT HAVE VOLUME AND/OR OPEN INTEREST. VOLUME INCLUDES GLOBEX (ELECTRONIC), OPEN OUTCRY (TRADING FLOOR) AND PRIVATELY NEGOTIATED TRANSACTIONS (PNT) THAT INCLUDE CME CLEARPORT ACTIVITY. VOLUME OR OPEN INTEREST CHANGES (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: PRIVATELY NEGOTIATED TRANSACTIONS, PRIOR DAY CLEARING TRADES, POSITION ADJUSTMENTS, DELIVERIES, CASH SETTLEMENTS, OPTION EXERCISES OR ASSIGNMENTS.

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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include JUN18, JUL18, and AUG18 with various contract specifications and prices.





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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include AUG18, SEP18, OCT18, NOV18 with various contract specifications and prices.



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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include NOV18, DEC18, JAN19, FEB19.



PRELIMINARY

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ENERGY OPTIONS

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LN	CALL	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
		OPEN	RANGE	HIGH/LOW	HIGH/LOW	CLOSE	& PT.CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
										VOLUME			
NYMEX NATURAL GAS (EURO) OPTS													
FEB19													
2970	----	----	----	----	----	----	0.4042 + 0.0121	.6073	----	----	----	----	20 UNCH
2980	----	----	----	----	----	----	0.3998 + 0.0120	.6028	----	----	----	----	19 UNCH
3000	----	----	----	----	----	----	0.3911 + 0.0118	.5940	----	----	----	----	1360 UNCH
3010	----	----	----	----	----	----	0.3869 + 0.0117	.5894	----	----	----	----	2 UNCH
3050	----	----	----	----	----	----	0.3704 + 0.0114	.5719	----	----	----	----	27 UNCH
3070	----	----	----	----	----	----	0.3625 + 0.0112	.5631	----	----	----	----	2 UNCH
3080	----	----	----	----	----	----	0.3586 + 0.0111	.5588	----	----	----	----	2 UNCH
3100	----	----	----	----	----	----	0.3510 + 0.0109	.5502	----	----	----	----	45 UNCH
3150	----	----	----	----	----	----	0.3328 + 0.0105	.5292	----	----	----	----	6 UNCH
3250	----	----	----	----	----	----	0.2998 + 0.0096	.4892	----	----	----	----	1660 UNCH
3300	----	----	----	----	----	----	0.2848 + 0.0093	.4702	----	----	----	----	200 UNCH
3450	----	----	----	----	----	----	0.2450 + 0.0082	.4173	----	----	----	----	60 UNCH
3500	----	----	----	----	----	----	0.2333 + 0.0078	.4010	----	----	----	----	2920 UNCH
3750	----	----	----	----	----	----	0.1833 + 0.0066	.3286	----	----	----	----	1328 UNCH
3800	----	----	----	----	----	----	0.1748 + 0.0063	.3158	----	----	----	----	100 UNCH
4000	----	----	----	----	----	----	0.1447 + 0.0056	.2693	----	----	----	----	1725 UNCH
4200	----	----	----	----	----	----	0.1188 + 0.0050	.2284	----	----	----	----	100 UNCH
4250	----	----	----	----	----	----	0.1130 + 0.0048	.2190	----	----	----	----	329 UNCH
4500	----	----	----	----	----	----	0.0879 + 0.0039	.1772	----	----	----	----	175 UNCH
4650	----	----	----	----	----	----	0.0756 + 0.0036	.1559	----	----	----	----	55 UNCH
4750	----	----	----	----	----	----	0.0682 + 0.0033	.1428	----	----	----	----	150 UNCH
5000	----	----	----	----	----	----	0.0528 + 0.0027	.1146	----	----	----	----	1130 UNCH
5150	----	----	----	----	----	----	0.0452 + 0.0024	.1002	----	----	----	----	50 UNCH
5250	----	----	----	----	----	----	0.0408 + 0.0023	.0917	----	----	----	----	100 UNCH
5500	----	----	----	----	----	----	0.0314 + 0.0019	.0730	----	----	----	----	125 UNCH
6000	----	----	----	----	----	----	0.0185 + 0.0012	.0458	----	----	----	----	570 UNCH
6500	----	----	----	----	----	----	0.0110 + 0.0008	.0288	----	----	----	----	50 UNCH
7000	----	----	----	----	----	----	0.0065 + 0.0005	.0179	----	----	----	----	10 UNCH
7500	----	----	----	----	----	----	0.0038 + 0.0003	.0110	----	----	----	----	10 UNCH
9000	----	----	----	----	----	----	0.0008 + 0.0001	.0026	----	----	----	----	400 UNCH
TOTAL													12993
MAR19													
2800	----	----	----	----	----	----	0.4675 + 0.0096	.6480	----	----	----	----	50 UNCH
2850	----	----	----	----	----	----	0.4442 + 0.0093	.6268	----	----	----	----	40 UNCH
2890	----	----	----	----	----	----	0.4264 + 0.0090	.6099	----	----	----	----	20 UNCH
2900	----	----	----	----	----	----	0.4221 + 0.0089	.6057	----	----	----	----	35 UNCH
2950	----	----	----	----	----	----	0.4012 + 0.0085	.5849	----	----	----	----	125 UNCH
2970	----	----	----	----	----	----	0.3931 + 0.0083	.5766	----	----	----	----	20 UNCH
2980	----	----	----	----	----	----	0.3891 + 0.0082	.5725	----	----	----	----	19 UNCH
3000	----	----	----	----	----	----	0.3813 + 0.0080	.5644	----	----	----	----	1360 UNCH
3010	----	----	----	----	----	----	0.3775 + 0.0079	.5604	----	----	----	----	2 UNCH
3050	----	----	----	----	----	----	0.3627 + 0.0076	.5445	----	----	----	----	27 UNCH
3070	----	----	----	----	----	----	0.3556 + 0.0074	.5366	----	----	----	----	20 UNCH
3080	----	----	----	----	----	----	0.3521 + 0.0074	.5328	----	----	----	----	2 UNCH
3100	----	----	----	----	----	----	0.3453 + 0.0073	.5251	----	----	----	----	45 UNCH
3150	----	----	----	----	----	----	0.3288 + 0.0068	.5063	----	----	----	----	281 UNCH
3250	----	----	----	----	----	----	0.2988 + 0.0063	.4704	----	----	----	----	3640 UNCH
3300	----	----	----	----	----	----	0.2849 + 0.0059	.4534	----	----	----	----	200 UNCH
3450	----	----	----	----	----	----	0.2482 + 0.0051	.4060	----	----	----	----	60 UNCH
3500	----	----	----	----	----	----	0.2373 + 0.0049	.3914	----	----	----	----	3919 UNCH
3700	----	----	----	----	----	----	0.1983 + 0.0041	.3378	----	----	----	----	100 UNCH
3750	----	----	----	----	----	----	0.1897 + 0.0039	.3256	----	----	----	----	2602 UNCH
3800	----	----	----	----	----	----	0.1816 + 0.0038	.3139	----	----	----	----	100 UNCH
4000	----	----	----	----	----	----	0.1524 + 0.0033	.2710	----	----	----	----	2310 UNCH
4150	----	----	----	----	----	----	0.1330 + 0.0029	.2419	----	----	----	----	100 UNCH
4200	----	----	----	----	----	----	0.1270 + 0.0028	.2328	----	----	----	----	100 UNCH
4250	----	----	----	----	----	----	0.1214 + 0.0028	.2242	----	----	----	----	329 UNCH
4500	----	----	----	----	----	----	0.0965 + 0.0022	.1848	----	----	----	----	3125 UNCH
4650	----	----	----	----	----	----	0.0841 + 0.0020	.1644	----	----	----	----	55 UNCH
4750	----	----	----	----	----	----	0.0767 + 0.0019	.1520	----	----	----	----	150 UNCH
5000	----	----	----	----	----	----	0.0607 + 0.0015	.1245	----	----	----	----	1780 UNCH
5150	----	----	----	----	----	----	0.0528 + 0.0013	.1104	----	----	----	----	50 UNCH
5250	----	----	----	----	----	----	0.0481 + 0.0012	.1019	----	----	----	----	100 UNCH
5500	----	----	----	----	----	----	0.0381 + 0.0010	.0832	----	----	----	----	25 UNCH
6000	----	----	----	----	----	----	0.0237 + 0.0007	.0549	----	----	----	----	519 UNCH
6500	----	----	----	----	----	----	0.0149 + 0.0005	.0363	----	----	----	----	50 UNCH
7000	----	----	----	----	----	----	0.0093 + 0.0002	.0238	----	----	----	----	210 UNCH
7500	----	----	----	----	----	----	0.0059 + 0.0002	.0157	----	----	----	----	10 UNCH
9000	----	----	----	----	----	----	0.0015 + 0.0001	.0044	----	----	----	----	400 UNCH
TOTAL													21980
APR19													
2600	----	----	----	----	----	----	0.2938 + 0.0066	.6160	----	----	----	----	25 UNCH
2750	----	----	----	----	----	----	0.2216 + 0.0053	.5172	----	----	----	----	1300 UNCH
2800	----	----	----	----	----	----	0.2007 + 0.0049	.4847	----	----	----	----	425 UNCH
2850	----	----	----	----	----	----	0.1815 + 0.0045	.4528	----	----	----	----	40 UNCH
2890	----	----	----	----	----	----	0.1672 + 0.0041	.4280	----	----	----	----	20 UNCH
2900	----	----	----	----	----	----	0.1638 + 0.0041	.4219	----	----	----	----	35 UNCH
2950	----	----	----	----	----	----	0.1476 + 0.0037	.3919	----	----	----	----	125 UNCH
2970	----	----	----	----	----	----	0.1415 + 0.0035	.3802	----	----	----	----	20 UNCH
2980	----	----	----	----	----	----	0.1385 + 0.0034	.3744	----	----	----	----	19 UNCH
3000	----	----	----	----	----	----	0.1328 + 0.0033	.3631	----	----	----	----	7667 UNCH
3010	----	----	----	----	----	----	0.1300 + 0.0033	.3575	----	----	----	----	2 UNCH
3050	----	----	----	----	----	----	0.1193 + 0.0029	.3356	----	----	----	----	2 UNCH
3070	----	----	----	----	----	----	0.1143 + 0.0028	.3250	----	----	----	----	20 UNCH
3080	----	----	----	----	----	----	0.1119 + 0.0028	.3198	----	----	----	----	2 UNCH
3100	----	----	----	----	----	----	0.1072 + 0.0027	.3096	----	----	----	----	155 UNCH
3150	----	----	----	----	----	----	0.0962 + 0.0024	.2850	----	----	----	----	6 UNCH
3200	----	----	----	----	----	----	0.0862 + 0.0020	.2618	----	----	----	----	1500 UNCH
3250	----	----	----	----	----	----	0.0773 + 0.0019	.2402	----	----	----	----	927 UNCH
3300	----	----	----	----	----	----	0.0692 + 0.0015	.2199	----	----	----	----	200 UNCH
3400	----	----	----	----	----	----	0.0562 + 0.0011	.1851	----	----	----	----	100 UNCH
3450	----	----	----	----	----	----	0.0509 + 0.0009	.1701	----	----	----	----	30 UNCH
3500	----	----	----	----	----	----	0.0462 + 0.0008	.1565	----	----	----	----	8248 UNCH
3750	----	----	----	----	----	----	0.0287 + 0.0003	.1029	----	----	----	----	1100 UNCH
4000	----	----	----	----	----	----	0.0182 + 0.0001	.0682	----	----	----	----	1250 UNCH
4													



PG63 BULLETIN # 11@

ENERGY OPTIONS

wed, Jan 17, 2018 PG63

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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include MAY19, JUN19, JUL19, AUG19 with various contract months and prices.







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Table with columns: LN, CALL, GLOBEX OPEN, OPEN RANGE, OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY HIGH/LOW, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months like DEC19, JAN20, FEB20, MAR20, APR20, MAY20 and various contract numbers.



PRELIMINARY



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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from MAY20 to NOV20 and various contract specifications.

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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from JUN22 to JUN23.

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ENERGY OPTIONS

wed, Jan 17, 2018 PG63

THE CME GROUP DAILY BULLETIN ONLY DISPLAYS THOSE PRODUCTS/CONTRACT MONTHS THAT HAVE VOLUME AND/OR OPEN INTEREST. VOLUME INCLUDES GLOBEX (ELECTRONIC), OPEN OUTCRY (TRADING FLOOR) AND PRIVATELY NEGOTIATED TRANSACTIONS (PNT) THAT INCLUDE CME CLEARPORT ACTIVITY. VOLUME OR OPEN INTEREST CHANGES (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: PRIVATELY NEGOTIATED TRANSACTIONS, PRIOR DAY CLEARING TRADES, POSITION ADJUSTMENTS, DELIVERIES, CASH SETTLEMENTS, OPTION EXERCISES OR ASSIGNMENTS.

PRICE INDICATOR KEY

R= RECORD VOLUME OR OPEN INTEREST, B= BID, A=ASK, P= POST SETTLEMENT SESSION,N= NOMINAL CLOSE, WHICH DESIGNATES THAT THE CONTRACT DID NOT TRADE DURING THE RTH SESSION AND NO BETTER BID OR BETTER OFFER OCCURRED DURING THE RTH CLOSING RANGE TIME PERIOD. IN ALL INSTANCES, THE NOMINAL PRICE IS THE PREVIOUS DAY'S SETTLEMENT PRICE.

Table with columns: LN, CALL, OPEN, GLOBEX OPEN, OPEN RANGE, OUTCRY, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from JUN23 to AUG24.

THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.

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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from AUG24 to FEB18 and various contract specifications.

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CME Group, Inc.

20 South Wacker Drive, Chicago, Illinois 60606-7499.

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Table with columns: LN, PUT, GLOBEX OPEN, OPEN RANGE, OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY HIGH/LOW, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months like OCT18, NOV18, DEC18, JAN19, FEB19.



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LN	PUT	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
NYMEX NATURAL GAS (EURO) OPTS														
NOV19														
3500		----	----	----	----	----	0.7816 - 0.0014	.7929	----	----	----	----	50	UNCH
3750		----	----	----	----	----	0.9979 - 0.0013	.8562	----	----	----	----	25	UNCH
4000		----	----	----	----	----	1.2240 - 0.0013	.8990	----	----	----	----	230	UNCH
4650		----	----	----	----	----	1.8328 - 0.0013	.9575	----	----	----	----	55	UNCH
4750		----	----	----	----	----	1.9278 - 0.0014	.9630	----	----	----	----	125	UNCH
5150		----	----	----	----	----	2.3097 - 0.0015	.9782	----	----	----	----	50	UNCH
7000		----	----	----	----	----	4.0920 - 0.0017	.9982	----	----	----	----	10	UNCH
TOTAL													2452	
DEC19														
2000		----	----	----	----	----	0.0233 - 0.0004	.0628	----	----	----	----	225	UNCH
2250		----	----	----	----	----	0.0590 - 0.0005	.1363	----	----	----	----	355	UNCH
2350		----	----	----	----	----	0.0804 - 0.0007	.1749	----	----	----	----	70	UNCH
2500		----	----	----	----	----	0.1214 - 0.0008	.2416	----	----	----	----	490	UNCH
2550		----	----	----	----	----	0.1377 - 0.0008	.2659	----	----	----	----	4	UNCH
2700		----	----	----	----	----	0.1949 - 0.0007	.3433	----	----	----	----	9	UNCH
2750		----	----	----	----	----	0.2166 - 0.0007	.3702	----	----	----	----	211	UNCH
2800		----	----	----	----	----	0.2397 - 0.0006	.3975	----	----	----	----	111	UNCH
2810		----	----	----	----	----	0.2444 - 0.0007	.4029	----	----	----	----	22	UNCH
2850		----	----	----	----	----	0.2640 - 0.0006	.4249	----	----	----	----	50	UNCH
2870		----	----	----	----	----	0.2741 - 0.0006	.4360	----	----	----	----	20	UNCH
2900		----	----	----	----	----	0.2898 - 0.0006	.4525	----	----	----	----	45	UNCH
2950		----	----	----	----	----	0.3168 - 0.0005	.4796	----	----	----	----	125	UNCH
3000		----	----	----	----	----	0.3451 - 0.0005	.5062	----	----	----	----	360	UNCH
3500		----	----	----	----	----	0.6901 + 0.0005	.7309	----	----	----	----	50	UNCH
3750		----	----	----	----	----	0.8948 + 0.0011	.8078	----	----	----	----	25	UNCH
4000		----	----	----	----	----	1.1132 + 0.0015	.8620	----	----	----	----	230	UNCH
4650		----	----	----	----	----	1.7118 + 0.0020	.9385	----	----	----	----	55	UNCH
4750		----	----	----	----	----	1.8057 + 0.0020	.9456	----	----	----	----	125	UNCH
5150		----	----	----	----	----	2.1846 + 0.0022	.9665	----	----	----	----	50	UNCH
7000		----	----	----	----	----	3.9602 + 0.0022	.9964	----	----	----	----	10	UNCH
TOTAL													2642	
JAN20														
2000		----	----	----	----	----	0.0303 - 0.0021	.0671	----	----	----	----	150	UNCH
2250		----	----	----	----	----	0.0655 - 0.0033	.1293	----	----	----	----	290	UNCH
2500		----	----	----	----	----	0.1262 - 0.0043	.2183	----	----	----	----	273	UNCH
2550		----	----	----	----	----	0.1418 - 0.0045	.2386	----	----	----	----	4	UNCH
2650		----	----	----	----	----	0.1766 - 0.0048	.2813	----	----	----	----	10	UNCH
2730		----	----	----	----	----	0.2078 - 0.0051	.3170	----	----	----	----	11	UNCH
2750		----	----	----	----	----	0.2160 - 0.0053	.3260	----	----	----	----	457	UNCH
2800		----	----	----	----	----	0.2375 - 0.0055	.3490	----	----	62	85 +	62	
2840		----	----	----	----	----	0.2556 - 0.0056	.3675	----	----	----	----	11	UNCH
2850		----	----	----	----	----	0.2602 - 0.0057	.3721	----	----	----	----	50	UNCH
2900		----	----	----	----	----	0.2840 - 0.0060	.3955	----	----	----	----	16	UNCH
3000		----	----	----	----	----	0.3351 - 0.0063	.4425	----	----	----	----	121	UNCH
4450		----	----	----	----	----	1.4561 - 0.0039	.8556	----	----	----	----	50	UNCH
5150		----	----	----	----	----	2.0954 - 0.0013	.9284	----	----	----	----	25	UNCH
5200		----	----	----	----	----	2.1419 - 0.0011	.9322	----	----	----	----	75	UNCH
TOTAL												62	1628 +	62
FEB20														
2000		----	----	----	----	----	0.0428 - 0.0028	.0827	----	----	----	----	150	UNCH
2250		----	----	----	----	----	0.0858 - 0.0036	.1480	----	----	----	----	290	UNCH
2500		----	----	----	----	----	0.1549 - 0.0053	.2352	----	----	----	----	273	UNCH
2550		----	----	----	----	----	0.1719 - 0.0056	.2545	----	----	----	----	4	UNCH
2650		----	----	----	----	----	0.2093 - 0.0062	.2945	----	----	----	----	10	UNCH
2730		----	----	----	----	----	0.2424 - 0.0066	.3276	----	----	----	----	11	UNCH
2750		----	----	----	----	----	0.2511 - 0.0067	.3360	----	----	----	----	457	UNCH
2800		----	----	----	----	----	0.2736 - 0.0070	.3571	----	----	62	85 +	62	
2840		----	----	----	----	----	0.2924 - 0.0071	.3741	----	----	----	----	11	UNCH
2850		----	----	----	----	----	0.2971 - 0.0073	.3783	----	----	----	----	50	UNCH
2900		----	----	----	----	----	0.3218 - 0.0074	.3997	----	----	----	----	16	UNCH
3000		----	----	----	----	----	0.3740 - 0.0079	.4426	----	----	----	----	121	UNCH
4450		----	----	----	----	----	1.4823 - 0.0074	.8338	----	----	----	----	50	UNCH
5150		----	----	----	----	----	2.1158 - 0.0053	.9084	----	----	----	----	25	UNCH
5200		----	----	----	----	----	2.1618 - 0.0051	.9124	----	----	----	----	75	UNCH
TOTAL												62	1628 +	62
MAR20														
2000		----	----	----	----	----	0.0576 - 0.0030	.1013	----	----	----	----	150	UNCH
2250		----	----	----	----	----	0.1099 - 0.0043	.1719	----	----	----	----	290	UNCH
2500		----	----	----	----	----	0.1883 - 0.0059	.2602	----	----	----	----	273	UNCH
2550		----	----	----	----	----	0.2071 - 0.0062	.2793	----	----	----	----	4	UNCH
2650		----	----	----	----	----	0.2480 - 0.0067	.3185	----	----	----	----	10	UNCH
2730		----	----	----	----	----	0.2837 - 0.0071	.3506	----	----	----	----	11	UNCH
2750		----	----	----	----	----	0.2930 - 0.0072	.3587	----	----	----	----	457	UNCH
2800		----	----	----	----	----	0.3170 - 0.0075	.3790	----	----	62	85 +	62	
2840		----	----	----	----	----	0.3369 - 0.0077	.3953	----	----	----	----	11	UNCH
2850		----	----	----	----	----	0.3420 - 0.0077	.3994	----	----	----	----	50	UNCH
2900		----	----	----	----	----	0.3680 - 0.0079	.4198	----	----	----	----	16	UNCH
3000		----	----	----	----	----	0.4228 - 0.0083	.4600	----	----	----	----	121	UNCH
4450		----	----	----	----	----	1.5398 - 0.0073	.8266	----	----	----	----	50	UNCH
5150		----	----	----	----	----	2.1712 - 0.0055	.8994	----	----	----	----	25	UNCH
5200		----	----	----	----	----	2.2171 - 0.0053	.9034	----	----	----	----	75	UNCH
TOTAL												62	1628 +	62
APR20														
2000		----	----	----	----	----	0.0470 - 0.0029	.1156	----	----	----	----	150	UNCH
2250		----	----	----	----	----	0.0964 - 0.0042	.2131	----	----	----	----	290	UNCH
2500		----	----	----	----	----	0.1844 - 0.0051	.3472	----	----	----	----	273	UNCH
2550		----	----	----	----	----	0.2064 - 0.0053	.3762	----	----	----	----	4	UNCH
2650		----	----	----	----	----	0.2549 - 0.0053	.4351	----	----	----	----	10	UNCH
2730		----	----	----	----	----	0.2978 - 0.0053	.4825	----	----	----	----	11	UNCH
2750		----	----	----	----	----	0.3090 - 0.0054	.4943	----	----	----	----	457	UNCH
2800		----	----	----	----	----	0.3380 - 0.0054	.5237	----	----	62	85 +	62	
2840		----	----	----	----	----	0.3621 - 0.0053	.5470	----	----	----	----	11	UNCH
2850		----	----	----	----	----	0.3683 - 0.0053	.5486	----	----	----	----	50	UNCH
2900		----	----	----	----									



PRELIMINARY

PG63 BULLETIN # 11@

ENERGY OPTIONS

Wed, Jan 17, 2018 PG63

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PRICE INDICATOR KEY

R= RECORD VOLUME OR OPEN INTEREST, B= BID, A=ASK, P= POST SETTLEMENT SESSION, N= NOMINAL CLOSE, WHICH DESIGNATES THAT THE CONTRACT DID NOT TRADE DURING THE RTH SESSION AND NO BETTER BID OR BETTER OFFER OCCURRED DURING THE RTH CLOSING RANGE TIME PERIOD. IN ALL INSTANCES, THE NOMINAL PRICE IS THE PREVIOUS DAY'S SETTLEMENT PRICE.

LN	PUT	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
JUN20													
2650							0.2416 - 0.0043	.4296					10 UNCH
2730							0.2838 - 0.0042	.4784					11 UNCH
2750							0.2949 - 0.0042	.4906					457 UNCH
2800							0.3236 - 0.0041	.5210				62	85 + 62
2840							0.3474 - 0.0041	.5451					11 UNCH
2850							0.3535 - 0.0040	.5469					50 UNCH
2900							0.3847 - 0.0039	.5743					16 UNCH
3000							0.4505 - 0.0037	.6263					81 UNCH
4450							1.7027 - 0.0001	.9374					50 UNCH
5150							2.3575 + 0.0005	.9761					25 UNCH
5200							2.4047 + 0.0005	.9777					75 UNCH
TOTAL												62	1603 + 62
JUL20													
2000							0.0415 - 0.0021	.1039					165 UNCH
2250							0.0836 - 0.0031	.1928					290 UNCH
2500							0.1638 - 0.0038	.3234					273 UNCH
2550							0.1844 - 0.0038	.3524					4 UNCH
2650							0.2297 - 0.0040	.4118					10 UNCH
2730							0.2703 - 0.0039	.4601					11 UNCH
2750							0.2811 - 0.0039	.4721					457 UNCH
2800							0.3089 - 0.0039	.5023				62	85 + 62
2840							0.3321 - 0.0038	.5263					11 UNCH
2850							0.3380 - 0.0038	.5292					50 UNCH
2900							0.3683 - 0.0038	.5568					16 UNCH
3000							0.4326 - 0.0034	.6094					81 UNCH
4450							1.6732 UNCH	.9321					50 UNCH
5150							2.3255 + 0.0005	.9736					25 UNCH
5200							2.3726 + 0.0005	.9754					75 UNCH
TOTAL												62	1603 + 62
AUG20													
2000							0.0413 - 0.0020	.1021					165 UNCH
2250							0.0818 - 0.0029	.1878					290 UNCH
2500							0.1601 - 0.0036	.3158					273 UNCH
2550							0.1803 - 0.0037	.3444					4 UNCH
2650							0.2249 - 0.0038	.4030					10 UNCH
2730							0.2648 - 0.0037	.4508					11 UNCH
2750							0.2754 - 0.0037	.4628					457 UNCH
2800							0.3027 - 0.0037	.4928				62	85 + 62
2840							0.3254 - 0.0037	.5167					11 UNCH
2850							0.3312 - 0.0037	.5200					50 UNCH
2900							0.3611 - 0.0036	.5476					16 UNCH
3000							0.4245 - 0.0033	.6003					81 UNCH
4450							1.6571 - 0.0001	.9287					50 UNCH
5150							2.3073 + 0.0005	.9717					25 UNCH
5200							2.3542 + 0.0005	.9735					75 UNCH
TOTAL												62	1603 + 62
SEP20													
2000							0.0422 - 0.0020	.1037					165 UNCH
2250							0.0839 - 0.0026	.1906					290 UNCH
2500							0.1632 - 0.0032	.3185					273 UNCH
2550							0.1835 - 0.0033	.3469					4 UNCH
2650							0.2283 - 0.0034	.4053					10 UNCH
2730							0.2683 - 0.0034	.4529					11 UNCH
2750							0.2790 - 0.0033	.4648					457 UNCH
2800							0.3065 - 0.0032	.4945				62	85 + 62
2840							0.3293 - 0.0032	.5183					11 UNCH
2850							0.3351 - 0.0032	.5214					50 UNCH
2900							0.3650 - 0.0032	.5487					16 UNCH
3000							0.4284 - 0.0030	.6009					81 UNCH
4450							1.6588 UNCH	.9270					50 UNCH
5150							2.3074 + 0.0005	.9706					25 UNCH
5200							2.3542 + 0.0005	.9725					75 UNCH
TOTAL												62	1603 + 62
OCT20													
2000							0.0422 - 0.0019	.1008					150 UNCH
2250							0.0822 - 0.0025	.1832					290 UNCH
2500							0.1586 - 0.0030	.3056					273 UNCH
2550							0.1783 - 0.0031	.3331					4 UNCH
2650							0.2218 - 0.0032	.3896					10 UNCH
2730							0.2606 - 0.0032	.4358					11 UNCH
2750							0.2709 - 0.0031	.4475					457 UNCH
2800							0.2975 - 0.0031	.4766				62	85 + 62
2840							0.3198 - 0.0031	.4998					11 UNCH
2850							0.3255 - 0.0031	.5037					50 UNCH
2900							0.3546 - 0.0031	.5308					16 UNCH
3000							0.4164 - 0.0029	.5827					81 UNCH
4450							1.6330 + 0.0001	.9191					50 UNCH
5150							2.2784 + 0.0004	.9660					25 UNCH
5200							2.3251 + 0.0006	.9681					75 UNCH
TOTAL												62	1588 + 62
NOV20													
2000							0.0410 - 0.0017	.0938					150 UNCH
2250							0.0773 - 0.0024	.1673					290 UNCH
2500							0.1480 - 0.0028	.2798					273 UNCH
2550							0.1664 - 0.0029	.3054					4 UNCH
2650							0.2073 - 0.0030	.3584					10 UNCH
2730							0.2437 - 0.0031	.4021					11 UNCH
2750							0.2534 - 0.0030	.4131					457 UNCH
2800							0.2785 - 0.0030	.4408				62	85 + 62
2840							0.2995 - 0.0029	.4630					11 UNCH
2850							0.3049 - 0.0030	.4681					50 UNCH
2900							0.3325 - 0.0030	.4948					16 UNCH
3000							0.3913 - 0.0029	.5461					81 UNCH
4450							1.5805 - 0.0001	.9040					50 UNCH
5150							2.2210 + 0.0003	.9569					25 UNCH
5200							2.2674 + 0.0004	.9594					75 UNCH
TOTAL												62	1588 + 62
DEC20													
2000							0.0360 - 0.0014	.0771					150 UNCH
2250							0.0649 - 0.0021	.1345					290 UNCH
2500							0.1215 - 0.0026	.2263					273 UNCH
2550							0.1368 - 0.0027	.2481					4 UNCH
2650							0.1715 - 0.0028	.2944					10 UNCH
2730							0.2029 - 0.0028	.3332					11 UNCH
2750							0.2112 - 0.0029	.3431					457 UNCH
2800							0.2329 - 0.0030	.3681				62	85 + 62
2840							0.2512 - 0.0029	.3883					11 UNCH
2850							0.2558 - 0.0030	.3934					50 UNCH
2900							0.2800 - 0.0030	.4190					16 UNCH
3000							0.3320 - 0.0029	.4699					





PG63 BULLETIN # 11@

ENERGY OPTIONS

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Table with columns: LN, PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from JAN21 to JAN22 with various contract specifications and volume data.

THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.

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LN	PUT	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
TOTAL													112
FEB22													
1500	----	----	----	----	----	----	0.0044 UNCH	.0111	----	----	----	----	50 UNCH
2550	----	----	----	----	----	----	0.1617 + 0.0001	.2345	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2154 + 0.0003	.2911	----	----	----	----	12 UNCH
TOTAL													112
MAR22													
1500	----	----	----	----	----	----	0.0073 UNCH	.0167	----	----	----	----	50 UNCH
2550	----	----	----	----	----	----	0.1933 + 0.0003	.2579	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2515 + 0.0004	.3139	----	----	----	----	12 UNCH
TOTAL													112
APR22													
1500	----	----	----	----	----	----	0.0057 UNCH	.0172	----	----	----	----	50 UNCH
2550	----	----	----	----	----	----	0.2182 + 0.0008	.3557	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2888 + 0.0011	.4344	----	----	----	----	12 UNCH
TOTAL													112
MAY22													
1500	----	----	----	----	----	----	0.0063 UNCH	.0187	----	----	----	----	50 UNCH
2550	----	----	----	----	----	----	0.2267 + 0.0010	.3651	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2986 + 0.0013	.4441	----	----	----	----	12 UNCH
TOTAL													112
JUN22													
1500	----	----	----	----	----	----	0.0060 - 0.0001	.0177	----	----	----	----	50 UNCH
2300	----	----	----	----	----	----	0.1263 + 0.0005	.2332	----	----	----	----	1 UNCH
2550	----	----	----	----	----	----	0.2199 + 0.0009	.3532	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2901 + 0.0013	.4307	----	----	----	----	12 UNCH
TOTAL													113
JUL22													
1500	----	----	----	----	----	----	0.0059 UNCH	.0171	----	----	----	----	50 UNCH
2300	----	----	----	----	----	----	0.1224 + 0.0005	.2243	----	----	----	----	1 UNCH
2550	----	----	----	----	----	----	0.2133 + 0.0008	.3409	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2818 + 0.0012	.4167	----	----	----	----	12 UNCH
TOTAL													113
AUG22													
1500	----	----	----	----	----	----	0.0059 UNCH	.0169	----	----	----	----	50 UNCH
2300	----	----	----	----	----	----	0.1199 + 0.0005	.2182	----	----	----	----	1 UNCH
2550	----	----	----	----	----	----	0.2091 + 0.0010	.3322	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2763 + 0.0013	.4066	----	----	----	----	12 UNCH
TOTAL													113
SEP22													
1500	----	----	----	----	----	----	0.0062 UNCH	.0175	----	----	----	----	50 UNCH
2300	----	----	----	----	----	----	0.1219 + 0.0006	.2193	----	----	----	----	1 UNCH
2550	----	----	----	----	----	----	0.2113 + 0.0009	.3326	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2786 + 0.0013	.4064	----	----	----	----	12 UNCH
TOTAL													113
OCT22													
1500	----	----	----	----	----	----	0.0060 UNCH	.0168	----	----	----	----	50 UNCH
2300	----	----	----	----	----	----	0.1180 + 0.0005	.2112	----	----	----	----	1 UNCH
2550	----	----	----	----	----	----	0.2052 + 0.0009	.3216	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2707 + 0.0011	.3938	----	----	----	----	12 UNCH
TOTAL													113
NOV22													
1500	----	----	----	----	----	----	0.0051 UNCH	.0141	----	----	----	----	50 UNCH
2300	----	----	----	----	----	----	0.1075 + 0.0006	.1912	----	----	----	----	1 UNCH
2550	----	----	----	----	----	----	0.1884 + 0.0009	.2946	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2499 + 0.0012	.3632	----	----	----	----	12 UNCH
TOTAL													113
DEC22													
1500	----	----	----	----	----	----	0.0037 UNCH	.0100	----	----	----	----	50 UNCH
2300	----	----	----	----	----	----	0.0856 + 0.0003	.1523	----	----	----	----	1 UNCH
2550	----	----	----	----	----	----	0.1542 + 0.0007	.2422	----	----	----	----	50 UNCH
2700	----	----	----	----	----	----	0.2077 + 0.0009	.3036	----	----	----	----	12 UNCH
TOTAL													113
JAN23													
2300	----	----	----	----	----	----	0.0728 + 0.0003	.1293	----	----	----	----	1 UNCH
2700	----	----	----	----	----	----	0.1819 + 0.0007	.2664	----	----	----	----	12 UNCH
5250	----	----	----	----	----	----	1.9539 + 0.0039	.9171	----	----	----	----	30 UNCH
5500	----	----	----	----	----	----	2.1718 + 0.0038	.9325	----	----	----	----	50 UNCH
TOTAL													93
FEB23													
2300	----	----	----	----	----	----	0.0773 + 0.0003	.1362	----	----	----	----	1 UNCH
2700	----	----	----	----	----	----	0.1902 + 0.0007	.2764	----	----	----	----	12 UNCH
5250	----	----	----	----	----	----	1.9752 + 0.0038	.9177	----	----	----	----	30 UNCH
5500	----	----	----	----	----	----	2.1928 + 0.0038	.9329	----	----	----	----	50 UNCH
TOTAL													93
MAR23													
2300	----	----	----	----	----	----	0.0866 + 0.0005	.1506	----	----	----	----	1 UNCH
2700	----	----	----	----	----	----	0.2075 + 0.0011	.2977	----	----	----	----	12 UNCH
5250	----	----	----	----	----	----	2.0213 + 0.0039	.9224	----	----	----	----	30 UNCH
5500	----	----	----	----	----	----	2.2389 + 0.0038	.9368	----	----	----	----	50 UNCH
TOTAL													93
APR23													
2300	----	----	----	----	----	----	0.1395 + 0.0008	.2362	----	----	----	----	1 UNCH
2700	----	----	----	----	----	----	0.3022 + 0.0016	.4209	----	----	----	----	12 UNCH
5250	----	----	----	----	----	----	2.2619 + 0.0041	.9515	----	----	----	----	30 UNCH
5500	----	----	----	----	----	----	2.4818 + 0.0039	.9611	----	----	----	----	50 UNCH
TOTAL													93
MAY23													
2300	----	----	----	----	----	----	0.1454 + 0.0009	.2440	----	----	----	----	1 UNCH
2700	----	----	----	----	----	----	0.3113 + 0.0017	.4304	----	----	----	----	12 UNCH
5250	----	----	----	----	----	----	2.2754 + 0.0039	.9524	----	----	----	----	30 UNCH
5500	----	----	----	----	----	----	2.4951 + 0.0040	.9618	----	----	----	----	50 UNCH
TOTAL													93
JUN23													
2300	----	----	----	----	----	----	0.1414 + 0.0008	.2358	----	----	----	----	1 UNCH
2700	----	----	----	----	----	----	0.3036 + 0.0016	.4181	----	----	----	----	12 UNCH
5250	----	----	----	----	----	----	2.2510 + 0.0040	.9480	----	----	----	----	30 UNCH
5500	----	----	----	----	----	----	2.4698 + 0.0039	.9581	----	----	----	----	50 UNCH
TOTAL													93
JUL23													
2300	----	----	----	----	----	----	0.1372 + 0.0008	.2274	----	----	----	----	1 UNCH
2700	----	----	----	----	----	----	0.2954 + 0.0015	.4052	----	----	----	----	12 UNCH
5250	----	----	----	----	----	----	2.2243 + 0.0039	.9439	----	----	----	----	30 UNCH
5500	----	----	----	----	----	----	2.4424 + 0.0039	.9546	----	----	----	----	50 UNCH
TOTAL													93
AUG23													
2300	----	----	----	----	----	----	0.1340 + 0.0007	.2206	----	----	----	----	1 UNCH
2700	----	----	----	----	----	----	0.2891 + 0.0015	.3946	----	----	----	----	12 UNCH
5250	----	----	----	----	----	----	2.2019 + 0.0040	.9400	----	----			



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Table with columns: LN, PUT, SEP23, 2700, 5250, 5500, TOTAL, OCT23, 2700, 5250, 5500, TOTAL, NOV23, 2700, 5250, 5500, TOTAL, DEC23, 2700, 5250, 5500, TOTAL, JAN24, 5300, TOTAL, FEB24, 5300, TOTAL, MAR24, 5300, TOTAL, APR24, 5300, TOTAL, MAY24, 5300, TOTAL, JUN24, 5300, TOTAL, JUL24, 5300, TOTAL, AUG24, 5300, TOTAL, SEP24, 5300, TOTAL, OCT24, 5300, TOTAL, NOV24, 5300, TOTAL, DEC24, 5300, TOTAL. Includes columns for GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST.

ON CALL NYMEX NATURAL GAS OPTIONS (PHY)

Table with columns: FEB18, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650. Includes columns for GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST.

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PRICE INDICATOR KEY

R= RECORD VOLUME OR OPEN INTEREST, B= BID, A=ASK, P= POST SETTLEMENT SESSION, N= NOMINAL CLOSE, WHICH DESIGNATES THAT THE CONTRACT DID NOT TRADE DURING THE RTH SESSION AND NO BETTER BID OR BETTER OFFER OCCURRED DURING THE RTH CLOSING RANGE TIME PERIOD. IN ALL INSTANCES, THE NOMINAL PRICE IS THE PREVIOUS DAY'S SETTLEMENT PRICE.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include FEB18, MAR18, and APR18 contracts for NYMEX NATURAL GAS OPTIONS (PHY).

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Table with columns: ON PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include FEB18, MAR18, APR18 and various contract specifications.

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PRELIMINARY

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GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
PMA OOF PJM WEST HUB REAL-TIME PK CAL 50 MW											
APR18											
----	----	----	----	----	0.23 - 0.07	.1127	----	----	----	----	21 UNCH
3000	----	----	----	----	2.03 - 0.29	.5662	----	----	----	----	567 UNCH
3500	----	----	----	----	5.10 - 0.43	.8732	----	----	----	----	42 UNCH
3900	----	----	----	----			----	----	----	----	630 UNCH
TOTAL											
MAY18											
----	----	----	----	----	0.26 - 0.05	.1219	----	----	----	----	22 UNCH
3000	----	----	----	----	2.08 - 0.24	.5636	----	----	----	----	594 UNCH
3500	----	----	----	----	5.13 - 0.38	.8660	----	----	----	----	44 UNCH
3900	----	----	----	----			----	----	----	----	660 UNCH
TOTAL											
JUN18											
----	----	----	----	----	0.39 - 0.04	.1575	----	----	----	----	21 UNCH
3000	----	----	----	----	2.39 - 0.20	.5777	----	----	----	----	567 UNCH
3500	----	----	----	----	5.45 - 0.30	.8545	----	----	----	----	42 UNCH
3900	----	----	----	----			----	----	----	----	630 UNCH
TOTAL											
JUL18											
----	----	----	----	----	0.31 - 0.02	.0825	----	----	----	----	21 UNCH
3000	----	----	----	----	1.42 - 0.06	.2771	----	----	----	----	567 UNCH
3500	----	----	----	----	3.24 - 0.09	.4884	----	----	----	----	42 UNCH
3900	----	----	----	----	2.34 + 0.07	.4593	----	----	----	----	126 UNCH
4000	----	----	----	----	0.98 + 0.03	.2403	----	----	----	----	210 UNCH
4500	----	----	----	----			----	----	----	----	966 UNCH
TOTAL											
AUG18											
----	----	----	----	----	0.54 - 0.01	.1476	----	----	----	----	23 UNCH
3000	----	----	----	----	2.22 - 0.04	.4237	----	----	----	----	621 UNCH
3500	----	----	----	----	4.75 - 0.07	.6532	----	----	----	----	46 UNCH
3900	----	----	----	----	1.17 + 0.07	.3007	----	----	----	----	138 UNCH
4000	----	----	----	----	0.42 + 0.04	.1307	----	----	----	----	230 UNCH
4500	----	----	----	----			----	----	----	----	1058 UNCH
TOTAL											
SEP18											
----	----	----	----	----	0.51 - 0.02	.1874	----	----	----	----	19 UNCH
3000	----	----	----	----	2.67 - 0.08	.5955	----	----	----	----	513 UNCH
3500	----	----	----	----	5.76 - 0.11	.8549	----	----	----	----	38 UNCH
3900	----	----	----	----			----	----	----	----	570 UNCH
TOTAL											
OCT18											
----	----	----	----	----	0.89 - 0.01	.2943	----	----	----	----	483 UNCH
3000	----	----	----	----	3.69 - 0.05	.7207	----	----	----	----	621 UNCH
3500	----	----	----	----	0.32 + 0.02	.1454	----	----	----	----	460 UNCH
3750	----	----	----	----	7.11 - 0.07	.9273	----	----	----	----	46 UNCH
3900	----	----	----	----			----	----	----	----	1610 UNCH
TOTAL											
NOV18											
----	----	----	----	----	0.90 - 0.02	.2888	----	----	----	----	441 UNCH
3000	----	----	----	----	3.65 - 0.07	.7024	----	----	----	----	567 UNCH
3500	----	----	----	----	0.37 + 0.02	.1598	----	----	----	----	420 UNCH
3750	----	----	----	----	7.02 - 0.10	.9122	----	----	----	----	42 UNCH
3900	----	----	----	----			----	----	----	----	1470 UNCH
TOTAL											
DEC18											
----	----	----	----	----	0.70 - 0.05	.1644	----	----	----	----	420 UNCH
3000	----	----	----	----	2.45 - 0.11	.4140	----	----	----	----	540 UNCH
3500	----	----	----	----	2.19 + 0.16	.4502	----	----	----	----	400 UNCH
3750	----	----	----	----	4.83 - 0.19	.6271	----	----	----	----	40 UNCH
3900	----	----	----	----			----	----	----	----	1400 UNCH
TOTAL											
JAN19											
----	----	----	----	----	5.26 - 0.09	.4575	----	----	----	----	220 UNCH
5500	----	----	----	----			----	----	----	----	220 UNCH
TOTAL											
FEB19											
----	----	----	----	----	5.19 - 0.12	.4372	----	----	----	----	200 UNCH
5500	----	----	----	----			----	----	----	----	200 UNCH
TOTAL											
RPF CALL POWDR RIVR COAL OPT ON QTY FUT STRP											
APR18											
----	----	----	----	----	0.51 UNCH	.6901	----	----	----	----	120 UNCH
1200	----	----	----	----	0.25 UNCH	.4373	----	----	----	----	15 UNCH
1250	----	----	----	----			----	----	----	----	135 UNCH
TOTAL											
JUL18											
----	----	----	----	----	0.64 UNCH	.6415	----	----	----	----	110 UNCH
1200	----	----	----	----	0.39 UNCH	.4663	----	----	----	----	15 UNCH
1250	----	----	----	----			----	----	----	----	125 UNCH
TOTAL											
OCT18											
----	----	----	----	----	0.73 UNCH	.6240	----	----	----	----	110 UNCH
1200	----	----	----	----	0.49 UNCH	.4798	----	----	----	----	15 UNCH
1250	----	----	----	----			----	----	----	----	125 UNCH
TOTAL											
RA CALL RBOB APO (AVERAGE PRICE) OPTIONS											
OCT18											
----	----	----	----	----	0.0249 + 0.0014	.1547	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0198 + 0.0011	.1279	----	----	----	----	5 UNCH
22500	----	----	----	----			----	----	----	----	15 UNCH
TOTAL											
NOV18											
----	----	----	----	----	0.0275 + 0.0012	.1599	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0224 + 0.0011	.1349	----	----	----	----	5 UNCH
22500	----	----	----	----			----	----	----	----	15 UNCH
TOTAL											
DEC18											
----	----	----	----	----	0.0324 + 0.0013	.1742	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0268 + 0.0010	.1491	----	----	----	----	5 UNCH
22500	----	----	----	----			----	----	----	----	15 UNCH
TOTAL											
JAN19											
----	----	----	----	----	0.0396 + 0.0013	.1951	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0335 + 0.0012	.1702	----	----	----	----	5 UNCH
22500	----	----	----	----			----	----	----	----	15 UNCH
TOTAL											
FEB19											
----	----	----	----	----	0.0489 + 0.0017	.2205	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0419 + 0.0015	.1948	----	----	----	----	5 UNCH
22500	----	----	----	----			----	----	----	----	15 UNCH
TOTAL											
RF PUT RBOB EURO EXPIRATION OPTION											
MAR18											
----	----	----	----	----	0.0001 UNCH	.0015	----	----	----	----	150 UNCH
14000	----	----	----	----			----	----	----	----	150 UNCH
TOTAL											
PJ CALL SAN JUAN PIPE OPTION											
FEB18											
----	----	----	----	----	0.0096 + 0.0037	.0759	----	----	----	----	20 UNCH
3100	----	----	----	----			----	----	----	----	20 UNCH



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GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
PJ CALL SAN JUAN PIPE OPTION											
FEB18											
3500					0.0007 + 0.0003	.0061					56 UNCH
3650					0.0003 + 0.0001	.0026					168 UNCH
3750					0.0001 UNCH	.0009					672 UNCH
3900					0.0001 UNCH	.0002					392 UNCH
4000					0.0001 UNCH	.0000					112 UNCH
TOTAL											1420
MAR18											
3100					0.0097 + 0.0022	.0566					20 UNCH
TOTAL											20
APR18											
3100					0.0005 + 0.0001	.0047					20 UNCH
TOTAL											20
MAY18											
3100					0.0006 UNCH	.0057					20 UNCH
TOTAL											20
JUN18											
3100					0.0019 UNCH	.0153					20 UNCH
TOTAL											20
DEC18											
3400					0.0479 + 0.0014	.1604					124 UNCH
3750					0.0225 + 0.0007	.0844					124 UNCH
TOTAL											248
JAN19											
3400					0.0968 + 0.0010	.2390					124 UNCH
3750					0.0638 + 0.0007	.1635					124 UNCH
TOTAL											248
FEB19											
3400					0.1008 + 0.0009	.2372					112 UNCH
3750					0.0693 + 0.0005	.1703					112 UNCH
TOTAL											224
PJ PUT SAN JUAN PIPE OPTION											
FEB18											
2650					0.0745 - 0.0455	.4104					20 UNCH
TOTAL											20
MAR18											
2650					0.3824 - 0.0489	.7777					20 UNCH
TOTAL											20
APR18											
2650					0.5795 - 0.0259	.9675					20 UNCH
TOTAL											20
MAY18											
2650					0.5440 - 0.0049	.9491					20 UNCH
TOTAL											20
JUN18											
2650					0.4992 - 0.0029	.9026					20 UNCH
TOTAL											20
U16 PUT U16 SHORT TERM NG OPTIONS											
JAN18											
315					0.0210 UNCH						0 UNCH
TOTAL											0
U17 PUT U17 SHORT TERM NG OPTIONS											
JAN18											
307					0.0000 - 0.0150						0 - 150
310					0.0000 - 0.0232						0 - 10
TOTAL											0 - 160
U18 PUT U18 SHORT TERM NG OPTIONS											
JAN18											
315					0.0127 NEW	.1295				100	100 + 100
TOTAL										100	100 + 100
7A CALL WTI CRUDE OIL 1 M CSO FIN											
FEB18											
- 25					0.31 - 0.01	.9958					750 UNCH
- 15					0.21 - 0.01	.9606					1100 UNCH
0					0.07 - 0.01	.7285			500		4750 UNCH
15					0.03 UNCH	.2386					0 UNCH
25					0.01 UNCH	.0747					2125 UNCH
50					0.01 UNCH	.0005					2500 UNCH
TOTAL									500		11225
MAR18											
- 25					0.44 UNCH	.9284					750 UNCH
0					0.23 + 0.01	.7302					3500 UNCH
5					0.19 UNCH	.6790					2250 UNCH
25					0.10 UNCH	.4149					2125 UNCH
50					0.04 UNCH	.1905					2500 UNCH
TOTAL											11125
APR18											
- 25					0.49 + 0.01	.8948					750 UNCH
0					0.27 + 0.01	.7507					3750 UNCH
25					0.12 UNCH	.4639					1750 UNCH
50					0.06 UNCH	.2432					2500 UNCH
100					0.03 UNCH	.0987					400 UNCH
TOTAL											9150
MAY18											
- 25					0.57 + 0.01	.9390					750 UNCH
0					0.36 + 0.02	.7837					1750 UNCH
25					0.19 UNCH	.5607					1750 UNCH
50					0.11 UNCH	.3434					2600 UNCH
100					0.03 UNCH	.1077					3400 UNCH
TOTAL											10250
JUN18											
- 25					0.62 - 0.01	.9420					750 UNCH
0					0.41 - 0.01	.7975					1750 UNCH
25					0.25 UNCH	.5920					1750 UNCH
50					0.14 UNCH	.3904					2500 UNCH
100					0.04 - 0.01	.1338					400 UNCH
TOTAL											7150
JUL18											
25					0.27 UNCH	.6403					1000 UNCH

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PG63 BULLETIN # 11@

ENERGY OPTIONS

Wed, Jan 17, 2018 PG63

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from JUL18 to JUN18 with various contract specifications and prices.



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Wed, Jan 17, 2018 PG63

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	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
7A PUT												
JUL18												
25	----	----	----	----	----	0.11 UNCH	.3596	----	----	----	----	500 UNCH
30	----	----	----	----	----	0.13 UNCH	.4029	----	----	----	----	1000 UNCH
35	----	----	----	----	----	0.16 UNCH	.4491	----	----	----	----	300 UNCH
TOTAL											100	7700
AUG18												
- 150	----	----	----	----	----	0.01 UNCH	.0001	----	----	----	----	50 UNCH
- 50	----	----	----	----	----	0.01 UNCH	.0440	----	----	----	----	100 UNCH
- 25	----	----	----	----	----	0.03 + 0.02	.1109	----	----	----	100	2000 UNCH
- 15	----	----	----	----	----	0.04 + 0.02	.1434	----	----	----	----	500 UNCH
- 10	----	----	----	----	----	0.04 + 0.01	.1507	----	----	----	----	100 UNCH
0	----	----	----	----	----	0.06 + 0.01	.2057	----	----	----	----	2000 UNCH
20	----	----	----	----	----	0.10 UNCH	.3212	----	----	----	----	1150 UNCH
25	----	----	----	----	----	0.12 UNCH	.3620	----	----	----	----	500 UNCH
30	----	----	----	----	----	0.14 UNCH	.4020	----	----	----	----	1000 UNCH
35	----	----	----	----	----	0.16 - 0.01	.4421	----	----	----	----	300 UNCH
TOTAL											100	7700
SEP18												
- 150	----	----	----	----	----	0.01 UNCH	.0259	----	----	----	----	50 UNCH
- 50	----	----	----	----	----	0.02 + 0.01	.0707	----	----	----	----	100 UNCH
- 25	----	----	----	----	----	0.03 + 0.01	.1111	----	----	----	100	2000 UNCH
- 15	----	----	----	----	----	0.04 + 0.01	.1436	----	----	----	----	500 UNCH
- 10	----	----	----	----	----	0.04 + 0.01	.1697	----	----	----	----	100 UNCH
0	----	----	----	----	----	0.07 + 0.01	.2208	----	----	----	----	2000 UNCH
20	----	----	----	----	----	0.11 - 0.01	.3305	----	----	----	----	1150 UNCH
25	----	----	----	----	----	0.13 UNCH	.3690	----	----	----	----	500 UNCH
30	----	----	----	----	----	0.15 - 0.01	.4070	----	----	----	----	1000 UNCH
35	----	----	----	----	----	0.17 - 0.01	.4450	----	----	----	----	300 UNCH
TOTAL											100	7700
OCT18												
- 150	----	----	----	----	----	0.01 UNCH	.0001	----	----	----	----	50 UNCH
- 50	----	----	----	----	----	0.01 UNCH	.0449	----	----	----	----	100 UNCH
- 25	----	----	----	----	----	0.02 UNCH	.0884	----	----	----	100	2000 UNCH
- 15	----	----	----	----	----	0.04 + 0.01	.1465	----	----	----	----	500 UNCH
- 10	----	----	----	----	----	0.04 + 0.01	.1543	----	----	----	----	100 UNCH
0	----	----	----	----	----	0.06 + 0.01	.2107	----	----	----	----	2000 UNCH
20	----	----	----	----	----	0.13 + 0.01	.3549	----	----	----	----	1150 UNCH
25	----	----	----	----	----	0.15 + 0.01	.3908	----	----	----	----	500 UNCH
30	----	----	----	----	----	0.17 + 0.01	.4265	----	----	----	----	1000 UNCH
35	----	----	----	----	----	0.20 + 0.01	.4643	----	----	----	----	300 UNCH
TOTAL											100	7700
NOV18												
- 150	----	----	----	----	----	0.01 UNCH	.0264	----	----	----	----	50 UNCH
- 50	----	----	----	----	----	0.03 UNCH	.0944	----	----	----	----	100 UNCH
- 25	----	----	----	----	----	0.05 + 0.01	.1537	----	----	----	100	2000 UNCH
- 15	----	----	----	----	----	0.06 + 0.02	.1844	----	----	----	----	500 UNCH
- 10	----	----	----	----	----	0.07 + 0.02	.2081	----	----	----	----	100 UNCH
0	----	----	----	----	----	0.08 + 0.01	.2442	----	----	----	----	2000 UNCH
20	----	----	----	----	----	0.14 + 0.01	.3706	----	----	----	----	1150 UNCH
25	----	----	----	----	----	0.16 UNCH	.4060	----	----	----	----	500 UNCH
30	----	----	----	----	----	0.18 UNCH	.4415	----	----	----	----	1000 UNCH
35	----	----	----	----	----	0.21 UNCH	.4786	----	----	----	----	300 UNCH
TOTAL											100	7700
DEC18												
- 150	----	----	----	----	----	0.01 UNCH	.0265	----	----	----	----	50 UNCH
- 50	----	----	----	----	----	0.02 UNCH	.0728	----	----	----	----	100 UNCH
- 25	----	----	----	----	----	0.04 + 0.01	.1354	----	----	----	100	2000 UNCH
- 15	----	----	----	----	----	0.05 + 0.01	.1672	----	----	----	----	500 UNCH
- 10	----	----	----	----	----	0.05 UNCH	.1756	----	----	----	----	100 UNCH
0	----	----	----	----	----	0.07 UNCH	.2288	----	----	----	----	2000 UNCH
20	----	----	----	----	----	0.13 UNCH	.3598	----	----	----	----	1150 UNCH
25	----	----	----	----	----	0.15 UNCH	.3962	----	----	----	----	500 UNCH
30	----	----	----	----	----	0.18 UNCH	.4356	----	----	----	----	1000 UNCH
35	----	----	----	----	----	0.20 UNCH	.4709	----	----	----	----	300 UNCH
TOTAL											100	7700
JAN19												
- 25	----	----	----	----	----	0.03 NEW	.1138	----	----	----	100	100 + 100
TOTAL											100	100 + 100
FEB19												
- 25	----	----	----	----	----	0.04 NEW	.1354	----	----	----	100	100 + 100
TOTAL											100	100 + 100
MAR19												
- 25	----	----	----	----	----	0.05 NEW	.1530	----	----	----	100	100 + 100
TOTAL											100	100 + 100
APR19												
- 25	----	----	----	----	----	0.06 NEW	.1722	----	----	----	100	100 + 100
TOTAL											100	100 + 100
MAY19												
- 25	----	----	----	----	----	0.05 NEW	.1581	----	----	----	100	100 + 100
TOTAL											100	100 + 100
JUN19												
- 25	----	----	----	----	----	0.06 NEW	.1752	----	----	----	100	100 + 100
TOTAL											100	100 + 100
WA CALL												
FEB18												
- 25	----	----	----	----	----	0.31 - 0.01	.9997	----	----	----	----	100 UNCH
- 20	----	----	----	----	----	0.26 - 0.01	.9979	----	----	----	----	250 UNCH
- 15	----	----	----	----	----	0.21 - 0.01	.9891	----	----	----	----	700 UNCH
- 10	----	----	----	----	----	0.16 - 0.01	.9574	----	----	----	----	2500 UNCH
- 5	----	----	----	----	----	0.11 - 0.01	.8745	----	----	----	----	1500 UNCH
0	----	----	----	----	----	0.07 - 0.01	.7285	----	----	----	----	24545 UNCH
10	0.03	0.03	0.03/0.03	0.03/0.03	----	0.04 UNCH	.3463	----	----	200	----	7600 + 200
15	----	----	----	----	----	0.03 UNCH	.2386	----	----	----	6000	9000 + 6000
25	----	----	----	----	----	0.01 UNCH	.0747	----	----	----	----	4750 UNCH
50	----	----	----	----	----	0.01 UNCH	.0005	----	----	----	----	3250 UNCH
100	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	500 UNCH
TOTAL										200	6000	54695 + 6200
MAR18												
- 20	----	----	----	----	----	0.39 UNCH	.9224	----	----	----	----	250 UNCH
0	----	----	----	----	----	0.23 + 0.01	.7302	----	----	----	----	21925 UNCH
10	0.16	0.16	#0.16/*0.14A	#0.16/*0.14A	----	0.16 UNCH	.6104	----	----	100	----	100 + 100
15	----	----	----	----	----	0.14 + 0.01	.5389	----	----	----	----	6200 UNCH
20	----	----	----	----	----	0.12 + 0.01	.4750	----	----	----	----	100 UNCH
25	0.10	0.10	0.10/0.08A	0.10/0.08A	----	0.10 UNCH	.4149	----	----	100	----	5325 + 100
50	----	----	----	----	----	0.04 UNCH	.1905	----	----	----	----	2750 UNCH
100	----	----	----	----	----	0.01 UNCH	.0459	----	----	----	----	500 UNCH
TOTAL										200		37150 + 200
APR18												
0	----	----	----	----	----	0.27 + 0.01	.7507	----	----	----	----	3400 UNCH
25	----	----	----	----	----	0.12 UNCH	.4639	----	----	----	----	675 UNCH
50	----	----	----	----	----	0.06 UNCH	.2432	----	----	----	----	4050 UNCH
75	----	----	----	----	----	0.04 UNCH	.1465	----	----	----	----	250 UNCH
100	----	----	----	----	----	0.03 UNCH	.0987	----	----	----	----	500 UNCH

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ENERGY OPTIONS

wed, Jan 17, 2018 PG63

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from WA CALL to JUN18 with various contract specifications and volumes.

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Table with columns: WA PUT JUN18, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from JUN18 to MAR19 and various contract specifications.

BV CALL MAR18 - 650 WTI-BRENT SPREAD OPTION 1.10 + 0.01 .8789 200 UNCH

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from MAR18 to DEC19, with sub-rows for various contract specifications and totals.

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BY PUT	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
MAR18		WTI-BRENT SPREAD OPTION										
- 250	----	----	----	----	----	2.97 - 0.02	.9988	----	----	----	----	200 UNCH
TOTAL												8300
APR18												
-1000	----	----	----	----	----	0.01 UNCH	.0124	----	----	----	----	300 UNCH
- 800	----	----	----	----	----	0.08 - 0.01	.0839	----	----	----	----	300 UNCH
- 750	----	----	----	----	----	0.11 - 0.01	.1156	----	----	----	----	800 UNCH
- 600	----	----	----	----	----	0.22 - 0.01	.2775	----	----	----	----	1110 UNCH
- 550	----	----	----	----	----	0.35 - 0.01	.4165	----	----	----	----	1070 UNCH
- 500	----	----	0.65B/----	0.65B/----	----	0.61 - 0.02	.5886	----	----	----	----	560 UNCH
- 450	----	----	----	----	----	0.97 - 0.03	.7299	----	----	----	----	500 UNCH
- 400	----	----	----/1.37A	----/1.37A	----	1.40 - 0.03	.8192	----	----	----	----	250 UNCH
- 300	----	----	----	----	----	2.33 - 0.03	.9128	----	----	----	----	200 UNCH
- 250	----	----	----	----	----	2.79 - 0.03	.9570	----	----	----	----	200 UNCH
TOTAL												5290
MAY18												
-1000	----	----	----	----	----	0.02 UNCH	.0207	----	----	----	----	300 UNCH
- 750	----	----	----	----	----	0.12 UNCH	.1171	----	----	----	----	800 UNCH
- 650	----	----	----/*0.16A	----/*0.16A	----	0.17 - 0.02	.1903	----	----	----	----	2000 UNCH
- 550	----	----	----	----	----	0.46 - 0.02	.4057	----	----	----	----	1000 UNCH
- 500	----	----	----	----	----	0.70 - 0.03	.5331	----	----	----	----	500 UNCH
- 450	----	----	----/1.04A	----/1.04A	----	1.01 - 0.04	.6532	----	----	----	----	500 UNCH
- 400	----	----	----/1.37A	----/1.37A	----	1.38 - 0.03	.7530	----	----	----	----	250 UNCH
- 300	----	----	----	----	----	2.21 - 0.05	.9022	----	----	----	----	200 UNCH
- 250	----	----	----	----	----	2.67 - 0.05	.9460	----	----	----	----	200 UNCH
TOTAL												5750
JUN18												
-1000	----	----	----	----	----	0.02 - 0.01	.0210	----	----	----	----	300 UNCH
- 900	----	----	----	----	----	0.04 - 0.01	.0416	----	----	----	----	2000 UNCH
- 750	----	----	----	----	----	0.09 - 0.03	.0989	----	----	----	----	800 UNCH
- 700	----	----	----	----	----	0.13 - 0.03	.1407	----	----	----	----	6300 UNCH
- 600	0.31	0.31	0.31/0.31	0.31/0.31	----	0.31 - 0.02	.2940	----	100	----	----	10200 + 100
- 550	----	----	----	----	----	0.49 - 0.02	.4068	----	----	----	----	1000 UNCH
- 500	----	----	----	----	----	0.73 - 0.03	.5262	----	----	----	----	3600 UNCH
- 450	----	----	----	----	----	1.05 - 0.04	.6366	----	----	----	----	500 UNCH
- 400	----	----	----	----	----	1.41 - 0.05	.7317	----	----	----	----	250 UNCH
- 350	----	----	----/1.82A	----/1.82A	----	1.79 - 0.07	.8132	----	----	----	----	1000 UNCH
- 300	----	----	----/2.24A	----/2.24A	----	2.22 - 0.07	.8735	----	----	----	----	900 UNCH
- 250	----	----	----/2.71A	----/2.71A	----	2.68 - 0.07	.9130	----	----	----	----	200 UNCH
- 200	----	----	----	----	----	3.15 - 0.07	.9431	----	----	----	----	1925 UNCH
TOTAL									100			28975 + 100
JUL18												
- 700	----	----	----	----	----	0.23 - 0.01	.1916	----	----	----	----	300 UNCH
- 600	----	----	----	----	----	0.45 - 0.02	.3344	----	----	----	----	300 UNCH
- 550	----	----	----	----	----	0.62 - 0.04	.4270	----	----	----	----	100 UNCH
- 500	----	----	----	----	----	0.86 - 0.04	.5284	----	----	----	----	1025 UNCH
- 400	----	----	----	----	----	1.48 - 0.06	.7212	----	----	----	----	250 UNCH
- 300	----	----	----	----	----	2.28 - 0.07	.8625	----	----	----	----	200 UNCH
- 250	----	----	----	----	----	2.72 - 0.06	.9131	----	----	----	----	200 UNCH
TOTAL												2375
AUG18												
- 700	----	----	----	----	----	0.29 - 0.02	.2166	----	----	----	----	300 UNCH
- 600	----	----	----	----	----	0.53 - 0.03	.3552	----	----	----	----	300 UNCH
- 550	----	----	----	----	----	0.72 - 0.04	.4428	----	----	----	----	100 UNCH
- 500	----	----	----	----	----	0.97 - 0.04	.5348	----	----	----	----	1025 UNCH
- 400	----	----	----	----	----	1.59 - 0.05	.7088	----	----	----	----	250 UNCH
- 300	----	----	----	----	----	2.36 - 0.06	.8486	----	----	----	----	200 UNCH
- 250	----	----	----	----	----	2.79 - 0.07	.9010	----	----	----	----	200 UNCH
TOTAL												2375
SEP18												
- 700	----	----	----	----	----	0.34 UNCH	.2347	----	----	----	----	300 UNCH
- 600	----	----	----	----	----	0.60 - 0.01	.3706	----	----	----	----	300 UNCH
- 550	----	----	----	----	----	0.80 - 0.03	.4536	----	----	----	----	100 UNCH
- 500	----	----	----	----	----	1.05 - 0.03	.5394	----	----	----	----	1025 UNCH
- 400	----	----	----	----	----	1.67 - 0.05	.7024	----	----	----	----	250 UNCH
- 300	----	----	----	----	----	2.43 - 0.06	.8363	----	----	----	----	200 UNCH
- 250	----	----	----	----	----	2.85 - 0.07	.8902	----	----	----	----	200 UNCH
TOTAL												2375
OCT18												
- 700	----	----	----	----	----	0.40 - 0.02	.2523	----	----	----	----	300 UNCH
- 600	----	----	----	----	----	0.69 - 0.02	.3843	----	----	----	----	1800 UNCH
- 550	----	----	----	----	----	0.90 - 0.02	.4608	----	----	----	----	100 UNCH
- 500	----	----	----	----	----	1.16 - 0.02	.5387	----	----	----	----	1025 UNCH
- 450	----	----	----	----	----	1.44 - 0.03	.6145	----	----	----	----	750 UNCH
- 400	----	----	----	----	----	1.77 - 0.03	.6872	----	----	----	----	250 UNCH
- 300	----	----	----	----	----	2.52 - 0.03	.8103	----	----	----	----	200 UNCH
- 250	----	----	----	----	----	2.92 - 0.04	.8660	----	----	----	----	200 UNCH
TOTAL												4625
NOV18												
- 700	----	----	----	----	----	0.44 - 0.02	.2621	----	----	----	----	300 UNCH
- 600	----	----	----	----	----	0.74 - 0.02	.3898	----	----	----	----	1800 UNCH
- 550	----	----	----	----	----	0.95 - 0.02	.4627	----	----	----	----	100 UNCH
- 500	----	----	----	----	----	1.21 - 0.01	.5369	----	----	----	----	1025 UNCH
- 450	----	----	----	----	----	1.49 - 0.02	.6101	----	----	----	----	750 UNCH
- 400	----	----	----	----	----	1.82 - 0.01	.6782	----	----	----	----	250 UNCH
- 300	----	----	----	----	----	2.55 - 0.02	.8004	----	----	----	----	200 UNCH
- 250	----	----	----	----	----	2.96 - 0.03	.8494	----	----	----	----	200 UNCH
TOTAL												4625
DEC18												
-1000	----	----	----	----	----	0.08 - 0.02	.0597	----	----	----	----	850 UNCH
- 700	----	----	----	----	----	0.36 - 0.05	.2408	----	----	----	----	300 UNCH
- 600	----	----	----	----	----	0.59 - 0.08	.3693	----	----	----	----	6500 UNCH
- 550	----	----	----	----	----	0.81 - 0.06	.4541	----	----	----	----	100 UNCH
- 500	----	----	----	----	----	1.10 - 0.03	.5374	----	----	----	----	3464 UNCH
- 450	----	----	----	----	----	1.42 - 0.02	.6134	----	----	----	----	750 UNCH
- 400	----	----	----	----	----	1.76 - 0.03	.6800	----	----	----	----	3066 UNCH
- 300	----	----	----	----	----	2.53 - 0.03	.7904	----	----	----	----	4100 UNCH
- 250	----	----	----/2.94A	----/2.94A	----	2.94 - 0.03	.8342	----	----	----	----	325 UNCH
- 200	----	----	----	----	----	3.37 - 0.04	.8735	----	----	----	----	800 UNCH
- 150	----	----	----	----	----	3.81 - 0.04	.9042	----	----	----	----	200 UNCH
TOTAL												20455
JAN19												
- 600	----	----	----	----	----	0.57 + 0.02	.3735	----	----	----	----	850 UNCH
- 500	----	----	----	----	----	1.00 + 0.03	.5544	----	----	----	----	150 UNCH
- 450	----	----	----	----	----	1.30 UNCH	.6435	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	1.65 UNCH	.7213	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	2.47 - 0.02	.8336	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	2.90 - 0.02	.8756	----	----	----	----	300 UN



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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from MAR19 to NOV20 with various contract specifications and volume data.

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	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
BY PUT													
NOV20		WTI-BRENT SPREAD OPTION											
- 250	----	----	----	----	----	3.29 - 0.04	.8885	----	----	----	----	200	UNCH
TOTAL												200	
DEC20													
- 250	----	----	----	----	----	3.24 - 0.04	.8779	----	----	----	----	200	UNCH
TOTAL												200	



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## OPTIONS EOO'S AND BLOCKS

PRODUCT	STRIKE PRICE	E00 VOLUME	BLOCK VOLUME
LO CALL NYMEX CRUDE OIL OPTIONS (PHY)			
FEB18 CALL			
LO	6400	0	100
TOTALS		0	100
MAR18 CALL			
LO	6450	0	218
LO	6500	0	800
LO	6550	0	218
LO	6650	0	218
LO	6700	0	400
LO	6800	0	218
LO	7000	0	250
LO	7200	0	2500
LO	7300	0	2192
TOTALS		0	7014
APR18 CALL			
LO	6700	0	2000
LO	6800	0	100
TOTALS		0	2100
MAY18 CALL			
LO	6400	0	800
LO	6550	0	148
TOTALS		0	948
JUN18 CALL			
LO	5700	0	1200
LO	8000	0	100
TOTALS		0	1300
SEP18 CALL			
LO	6150	0	1000
TOTALS		0	1000
DEC18 CALL			
LO	6100	0	550
LO	6500	0	1000
LO	8000	0	500
TOTALS		0	2050
JUN19 CALL			
LO	6000	0	400
TOTALS		0	400
DEC19 CALL			
LO	5700	0	550
LO	6000	0	350
LO	7000	0	350
TOTALS		0	1250
LO PUT NYMEX CRUDE OIL OPTIONS (PHY)			
FEB18 PUT			
LO	6300	0	50
TOTALS		0	50
MAR18 PUT			
LO	5400	0	400
LO	5750	0	50
LO	5800	0	400
LO	6000	0	1118
LO	6150	0	218
LO	6200	0	400
LO	6250	0	218
LO	6300	0	450
LO	6350	0	218
TOTALS		0	3472
APR18 PUT			
LO	6050	0	300
LO	6100	0	500
LO	6300	0	250
TOTALS		0	1050
MAY18 PUT			
LO	6000	0	800
LO	6250	0	148
TOTALS		0	948
JUN18 PUT			
LO	5300	0	1500
LO	5700	0	1200
LO	6000	0	1000
TOTALS		0	3700
SEP18 PUT			
LO	5500	0	300
LO	6000	0	250
TOTALS		0	550
DEC18 PUT			
LO	3500	0	100
LO	4500	0	600
LO	5100	0	1000
LO	5500	0	300
TOTALS		0	2000
JUN19 PUT			
LO	4000	0	100
LO	5000	0	200
LO	5300	0	150
LO	5500	0	400
LO	6000	0	100
TOTALS		0	950
DEC19 PUT			
LO	4500	0	500
LO	5000	0	350
LO	5300	0	150
LO	5500	0	250
LO	6000	0	350
TOTALS		0	1600
OH CALL NYMEX HEATING OIL (PHY) OPTIONS			
FEB18 CALL			
OH	20800	0	50
OH	21000	0	150
TOTALS		0	200
APR18 CALL			

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OH	21000	0	400
OH	22000	0	150
TOTALS		0	550

AUG18 CALL			
OH	21500	0	250
TOTALS		0	250

SEP18 CALL			
OH	20200	0	150
OH	23000	0	400
TOTALS		0	550

## OH PUT NYMEX HEATING OIL (PHY) OPTIONS

MAR18 PUT			
OH	18600	0	250
OH	20000	0	250
TOTALS		0	500

JUL18 PUT			
OH	20000	0	250
TOTALS		0	250

AUG18 PUT			
OH	19500	0	250
TOTALS		0	250

## OB PUT NYMEX RBOB (PHY) OPTIONS

MAR18 PUT			
OB	17500	0	300
OB	18000	0	350
TOTALS		0	650

## WA CALL WTI CRUDE OIL 1MO CAL SPRD OPTIONS

FEB18 CALL			
WA	15	0	6000
TOTALS		0	6000

OCT18 CALL			
WA	100	0	150
TOTALS		0	150

NOV18 CALL			
WA	100	0	150
TOTALS		0	150

DEC18 CALL			
WA	100	0	150
TOTALS		0	150

## WA PUT WTI CRUDE OIL 1MO CAL SPRD OPTIONS

FEB18 PUT			
WA	10	0	2000
TOTALS		0	2000

JUL18 PUT			
WA	-25	0	2000
WA	0	0	1500
TOTALS		0	3500

AUG18 PUT			
WA	-25	0	2000
WA	0	0	1500
TOTALS		0	3500

SEP18 PUT			
WA	-25	0	2000
WA	0	0	1500
TOTALS		0	3500

OCT18 PUT			
WA	-25	0	2000
WA	0	0	1650
TOTALS		0	3650

NOV18 PUT			
WA	-25	0	2000
WA	0	0	1650
TOTALS		0	3650

DEC18 PUT			
WA	-25	0	2000
WA	0	0	1650
TOTALS		0	3650

JAN19 PUT			
WA	-25	0	2000
WA	0	0	1500
TOTALS		0	3500

FEB19 PUT			
WA	-25	0	2000
WA	0	0	1500
TOTALS		0	3500

MAR19 PUT			
WA	-25	0	2000
WA	0	0	1500
TOTALS		0	3500

APR19 PUT			
WA	-25	0	2000
WA	0	0	1500
TOTALS		0	3500

MAY19 PUT			
WA	-25	0	2000
WA	0	0	1500
TOTALS		0	3500

JUN19 PUT			
WA	-25	0	2000
WA	0	0	1500
TOTALS		0	3500

## LC CALL NYMEX CRUDE OIL (EURO) OPTS (PHY)

JUN18 CALL			
LC	3000	0	100
LC	13000	0	100
TOTALS		0	200

## LC PUT NYMEX CRUDE OIL (EURO) OPTS (PHY)

JUN18 PUT			
LC	3000	0	100
LC	13000	0	100
TOTALS		0	200



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LN	CALL	NYMEX NATURAL GAS (EURO) OPTS		
FEB18	CALL			
LN		3000	0	7800
LN		3050	0	250
LN		3100	0	377
LN		3250	0	8900
LN		3300	0	450
LN		3350	0	1540
LN		3400	0	50
LN		3500	0	1965
LN		3750	0	10802
LN		4000	0	11450
LN		4250	0	200
LN		4500	0	2000
TOTALS			0	45784
MAR18	CALL			
LN		2750	0	100
LN		3000	0	700
LN		3100	0	377
LN		3250	0	1350
LN		3350	0	150
LN		3500	0	1600
LN		3750	0	1352
LN		4000	0	3250
LN		4250	0	1200
LN		4500	0	200
LN		4750	0	475
LN		5000	0	400
TOTALS			0	11154
APR18	CALL			
LN		3000	0	979
LN		3050	0	200
LN		3100	0	377
LN		3250	0	300
LN		3550	0	200
LN		3750	0	577
LN		4000	0	75
TOTALS			0	2708
MAY18	CALL			
LN		2750	0	500
LN		2800	0	200
LN		3000	0	1150
LN		3100	0	377
LN		3250	0	500
LN		3750	0	377
LN		4000	0	75
TOTALS			0	3179
JUN18	CALL			
LN		3000	0	1350
LN		3100	0	377
LN		3250	0	450
LN		3750	0	377
LN		4000	0	75
TOTALS			0	2629
JUL18	CALL			
LN		3000	0	1150
LN		3100	0	377
LN		3150	0	11
LN		3750	0	377
LN		4000	0	75
TOTALS			0	1990
AUG18	CALL			
LN		3000	0	950
LN		3100	0	377
LN		3750	0	627
LN		4000	0	75
TOTALS			0	2029
SEP18	CALL			
LN		3000	0	950
LN		3100	0	377
LN		3750	0	377
LN		4000	0	75
TOTALS			0	1779
OCT18	CALL			
LN		2850	0	100
LN		3000	0	950
LN		3100	0	377
LN		3750	0	377
LN		4000	0	75
TOTALS			0	1879
NOV18	CALL			
LN		3100	0	377
LN		3750	0	377
TOTALS			0	754
DEC18	CALL			
LN		3100	0	377
LN		3750	0	377
TOTALS			0	754
JAN20	CALL			
LN		3250	0	75
TOTALS			0	75
FEB20	CALL			
LN		3250	0	75
TOTALS			0	75
MAR20	CALL			
LN		3250	0	75
TOTALS			0	75
FEB18	PUT			
LN		2600	0	377
LN		2750	0	100
LN		2950	0	150
LN		3000	0	1940
LN		3050	0	350
LN		3100	0	300
LN		3150	0	1240
LN		3250	0	1100
TOTALS			0	5557
MAR18	PUT			
LN		2500	0	1700
LN		2600	0	377
LN		2650	0	100



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LN	2700	0	150
LN	2750	0	1000
LN	2850	0	1200
LN	3000	0	650
TOTALS		0	5177
APR18	PUT		
LN	2150	0	200
LN	2400	0	200
LN	2500	0	30
LN	2600	0	377
LN	2650	0	100
TOTALS		0	907
MAY18	PUT		
LN	2150	0	200
LN	2500	0	1100
LN	2600	0	377
LN	2650	0	100
LN	2750	0	600
LN	2800	0	200
TOTALS		0	2577
JUN18	PUT		
LN	2150	0	450
LN	2600	0	412
LN	2650	0	100
TOTALS		0	962
JUL18	PUT		
LN	2000	0	350
LN	2150	0	200
LN	2600	0	377
LN	2650	0	100
TOTALS		0	1027
AUG18	PUT		
LN	2000	0	50
LN	2150	0	200
LN	2600	0	377
LN	2650	0	100
TOTALS		0	727
SEP18	PUT		
LN	2000	0	50
LN	2150	0	200
LN	2600	0	377
LN	2650	0	100
TOTALS		0	727
OCT18	PUT		
LN	2150	0	200
LN	2500	0	1100
LN	2600	0	412
LN	2650	0	100
LN	2750	0	1100
LN	2850	0	100
TOTALS		0	3012
NOV18	PUT		
LN	2600	0	377
TOTALS		0	377
DEC18	PUT		
LN	2600	0	377
TOTALS		0	377
JAN20	PUT		
LN	2800	0	62
TOTALS		0	62
FEB20	PUT		
LN	2800	0	62
TOTALS		0	62
MAR20	PUT		
LN	2800	0	62
TOTALS		0	62
APR20	PUT		
LN	2800	0	62
TOTALS		0	62
MAY20	PUT		
LN	2800	0	62
TOTALS		0	62
JUN20	PUT		
LN	2800	0	62
TOTALS		0	62
JUL20	PUT		
LN	2800	0	62
TOTALS		0	62
AUG20	PUT		
LN	2800	0	62
TOTALS		0	62
SEP20	PUT		
LN	2800	0	62
TOTALS		0	62
OCT20	PUT		
LN	2800	0	62
TOTALS		0	62
NOV20	PUT		
LN	2800	0	62
TOTALS		0	62
DEC20	PUT		
LN	2800	0	62
TOTALS		0	62
JAN21	PUT		
LN	2800	0	31
TOTALS		0	31
FEB21	PUT		
LN	2800	0	31
TOTALS		0	31
MAR21	PUT		
LN	2800	0	31
TOTALS		0	31
APR21	PUT		
LN	2800	0	31
TOTALS		0	31
MAY21	PUT		
LN	2800	0	31

THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.





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TOTALS		0	31
JUN21	PUT		
LN		2800	0
TOTALS		0	31
JUL21	PUT		
LN		2800	0
TOTALS		0	31
AUG21	PUT		
LN		2800	0
TOTALS		0	31
SEP21	PUT		
LN		2800	0
TOTALS		0	31
OCT21	PUT		
LN		2800	0
TOTALS		0	31
NOV21	PUT		
LN		2800	0
TOTALS		0	31
DEC21	PUT		
LN		2800	0
TOTALS		0	31

KD CALL NYMEX ONE DAY NATURAL GAS OPTIONS			
JAN18	CALL		
KD		3250	0
KD		3300	0
TOTALS		0	700

KD PUT NYMEX ONE DAY NATURAL GAS OPTIONS			
JAN18	PUT		
KD		3200	0
TOTALS		0	100

7A PUT WTI CRUDE OIL 1 M CSO FIN			
JUL18	PUT		
7A		-25	0
TOTALS		0	100
AUG18	PUT		
7A		-25	0
TOTALS		0	100
SEP18	PUT		
7A		-25	0
TOTALS		0	100
OCT18	PUT		
7A		-25	0
TOTALS		0	100
NOV18	PUT		
7A		-25	0
TOTALS		0	100
DEC18	PUT		
7A		-25	0
TOTALS		0	100
JAN19	PUT		
7A		-25	0
TOTALS		0	100
FEB19	PUT		
7A		-25	0
TOTALS		0	100
MAR19	PUT		
7A		-25	0
TOTALS		0	100
APR19	PUT		
7A		-25	0
TOTALS		0	100
MAY19	PUT		
7A		-25	0
TOTALS		0	100
JUN19	PUT		
7A		-25	0
TOTALS		0	100

9Y CALL BRENT CRUDE OIL 12 M CSO FIN			
APR18	CALL		
9Y		400	0
TOTALS		0	1000

G4 CALL NATURAL GAS 1 M CSO FIN			
FEB18	CALL		
G4		300	0
TOTALS		0	200
MAR18	CALL		
G4		250	0
G4		500	0
G4		1000	0
TOTALS		0	650

G4 PUT NATURAL GAS 1 M CSO FIN			
FEB18	PUT		
G4		150	0
TOTALS		0	200
MAR18	PUT		
G4		0	0
G4		100	0
G4		250	0
TOTALS		0	1800
OCT18	PUT		
G4		-100	0
TOTALS		0	500

G6 PUT NATURAL GAS 6 M CSO FIN			
APR18	PUT		
G6		-200	0
G6		-100	0
TOTALS		0	1000



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E7 CALL HENRY HUB FINANCIAL LAST DAY O

FEB18	CALL			
E7		315	0	3
E7		320	0	100
E7		325	0	100
TOTALS			0	203

MAR18	CALL			
E7		315	0	3
TOTALS			0	3

APR18	CALL			
E7		315	0	3
TOTALS			0	3

MAY18	CALL			
E7		315	0	3
TOTALS			0	3

JUN18	CALL			
E7		315	0	3
TOTALS			0	3

JUL18	CALL			
E7		315	0	3
TOTALS			0	3

E7 PUT HENRY HUB FINANCIAL LAST DAY O

FEB18	PUT			
E7		270	0	3
TOTALS			0	3

MAR18	PUT			
E7		270	0	3
TOTALS			0	3

APR18	PUT			
E7		270	0	3
TOTALS			0	3

MAY18	PUT			
E7		270	0	3
TOTALS			0	3

JUN18	PUT			
E7		270	0	3
TOTALS			0	3

JUL18	PUT			
E7		270	0	3
TOTALS			0	3

CVR CALL CHICAGO ETHANOL (PLATTS) APO

MAR18	CALL			
CVR		15000	0	15
TOTALS			0	15

APR18	CALL			
CVR		15000	0	180
TOTALS			0	180

CVR PUT CHICAGO ETHANOL (PLATTS) APO

JAN18	PUT			
CVR		13000	0	15
TOTALS			0	15

FEB18	PUT			
CVR		13000	0	20
TOTALS			0	20

APR18	PUT			
CVR		13500	0	50
TOTALS			0	50

MAY18	PUT			
CVR		13500	0	50
TOTALS			0	50

JUN18	PUT			
CVR		13500	0	50
TOTALS			0	50

CLA PUT COAL API2 ARGUS/MCCLOS CALNDR OPT

JAN19	PUT			
CLA		8000	0	25
TOTALS			0	25

U18 PUT U18 SHORT TERM NG OPTIONS

JAN18	PUT			
U18		315	0	100
TOTALS			0	100

LO3 CALL CRUDE OIL OPTIONS

JAN18	CALL			
LO3		6500	0	50
TOTALS			0	50

BZO CALL BRENT CRUDE OIL FUT MARGIN OPT

MAR18	CALL			
BZO		7050	0	150
TOTALS			0	150

APR18	CALL			
BZO		6900	0	200
TOTALS			0	200

JUN18	CALL			
BZO		7000	0	500
TOTALS			0	500

BZO PUT BRENT CRUDE OIL FUT MARGIN OPT

MAR18	PUT			
BZO		6000	0	400
BZO		6200	0	1200
BZO		6500	0	400
BZO		6700	0	700
BZO		6800	0	300
TOTALS			0	3000

APR18	PUT			
BZO		6900	0	50
TOTALS			0	50

JUN18	PUT			
BZO		5500	0	1500



## PRELIMINARY

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TOTALS			0	1500
NOV18	PUT			
BZO		2900	0	100
BZO		3400	0	200
BZO		3900	0	100
TOTALS			0	400
DEC18	PUT			
BZO		4000	0	800
BZO		5000	0	400
TOTALS			0	1200