



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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.

ENERGY OPTIONS ON FUTURES

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
GXZ CALL 12 MO GASOIL CAL SPREAD OPT											
DECEMBER 17											
-2150	----	----	----	----	40.41 + 1.24	.9969	----	----	----	----	30 UNCH
650	----	----	----	----	13.96 + 0.96	.8133	----	----	----	----	100 UNCH
1100	----	----	----	----	10.50 + 0.85	.7163	----	----	----	----	150 UNCH
TOTAL											280
GXZ PUT 12 MO GASOIL CAL SPREAD OPT											
DECEMBER 17											
-2000	----	----	----	----	0.02 - 0.01	.0041	----	----	----	----	100 UNCH
-1800	----	----	----	----	0.03 - 0.01	.0059	----	----	----	----	50 UNCH
-1700	----	----	----	----	0.03 - 0.01	.0061	----	----	----	----	50 UNCH
TOTAL											200
BA CALL BRENT AVERAGE PRICE OPTION											
SEPTEMBER 17											
4550	----	----	----	----	9.72 + 0.12	.9951	----	----	----	----	96 UNCH
5100	----	----	----	----	4.22 + 0.12	.9893	----	----	----	----	35 UNCH
5650	----	----	----	----	0.01 UNCH	.0294	----	----	----	----	127 UNCH
5700	----	----	----	----	0.01 UNCH	.0044	----	----	----	----	190 UNCH
5850	----	----	----	----	0.01 UNCH	----	----	----	----	----	64 UNCH
6000	----	----	----	----	0.01 UNCH	----	----	----	----	----	32 UNCH
6800	----	----	----	----	0.01 UNCH	----	----	----	----	----	150 UNCH
10500	----	----	----	----	0.01 UNCH	----	----	----	----	----	75 UNCH
11000	----	----	----	----	0.01 UNCH	----	----	----	----	----	100 UNCH
11500	----	----	----	----	0.01 UNCH	----	----	----	----	----	112 UNCH
12000	----	----	----	----	0.01 UNCH	----	----	----	----	----	50 UNCH
TOTAL											1031
OCTOBER 17											
4550	----	----	----	----	10.91 + 0.33	.9998	----	----	----	----	96 UNCH
5100	----	----	----	----	5.47 + 0.29	.9590	----	----	----	----	25 UNCH
5600	----	----	----	----	1.43 + 0.12	.5647	----	----	----	----	25 UNCH
5650	----	----	----	----	1.16 + 0.10	.4985	----	----	----	----	127 UNCH
5700	----	----	----	----	0.93 + 0.08	.4317	----	----	----	----	190 UNCH
5850	----	----	----	----	0.44 + 0.04	.2506	----	----	----	----	64 UNCH
6000	----	----	----	----	0.19 + 0.02	.1261	----	----	----	----	32 UNCH
6800	----	----	----	----	0.01 UNCH	.0067	----	----	----	----	150 UNCH
10500	----	----	----	----	0.01 UNCH	----	----	----	----	----	75 UNCH
11000	----	----	----	----	0.01 UNCH	----	----	----	----	----	100 UNCH
11500	----	----	----	----	0.01 UNCH	----	----	----	----	----	111 UNCH
12000	----	----	----	----	0.01 UNCH	----	----	----	----	----	50 UNCH
TOTAL											1045
NOVEMBER 17											
4550	----	----	----	----	10.64 + 0.27	.9789	----	----	----	----	96 UNCH
5650	----	----	----	----	1.82 + 0.11	.4852	----	----	----	----	127 UNCH
5700	----	----	----	----	1.58 + 0.09	.4449	----	----	----	----	190 UNCH
5850	----	----	----	----	1.01 + 0.06	.3285	----	----	----	----	64 UNCH
6000	----	----	----	----	0.60 + 0.04	.2247	----	----	----	----	32 UNCH
6800	----	----	----	----	0.04 UNCH	.0206	----	----	----	----	150 UNCH
10500	----	----	----	----	0.01 UNCH	.0027	----	----	----	----	75 UNCH
11000	----	----	----	----	0.01 UNCH	.0013	----	----	----	----	100 UNCH
11500	----	----	----	----	0.01 UNCH	.0006	----	----	----	----	110 UNCH
12000	----	----	----	----	0.01 UNCH	.0003	----	----	----	----	50 UNCH
TOTAL											994
DECEMBER 17											
4550	----	----	----	----	10.62 + 0.20	.9374	----	----	----	----	96 UNCH
5650	----	----	----	----	2.51 + 0.10	.4900	----	----	----	----	127 UNCH
5700	----	----	----	----	2.27 + 0.09	.4610	----	----	----	----	190 UNCH
5850	----	----	----	----	1.65 + 0.08	.3750	----	----	----	----	64 UNCH
6000	----	----	----	----	1.16 + 0.06	.2937	----	----	----	----	32 UNCH
6500	----	----	----	----	0.31 + 0.02	.1041	----	----	----	----	10 UNCH
6800	----	----	----	----	0.14 + 0.01	.0520	----	----	----	----	150 UNCH
10500	----	----	----	----	0.01 UNCH	.0027	----	----	----	----	75 UNCH
11000	----	----	----	----	0.01 UNCH	.0014	----	----	----	----	100 UNCH
11500	----	----	----	----	0.01 UNCH	.0007	----	----	----	----	110 UNCH
12000	----	----	----	----	0.01 UNCH	.0003	----	----	----	----	50 UNCH
TOTAL											1004
JANUARY 18											
6500	----	----	----	----	0.50 + 0.04	.1388	----	----	----	----	25 UNCH
11500	----	----	----	----	0.01 UNCH	.0025	----	----	----	----	9 UNCH
TOTAL											34
FEBRUARY 18											
6500	----	----	----	----	0.69 + 0.03	.1664	----	----	----	----	25 UNCH
11500	----	----	----	----	0.01 UNCH	.0025	----	----	----	----	15 UNCH
TOTAL											40
MARCH 18											
6500	----	----	----	----	0.87 + 0.03	.1884	----	----	----	----	25 UNCH
11500	----	----	----	----	0.01 UNCH	.0025	----	----	----	----	20 UNCH
TOTAL											45
APRIL 18											
6800	----	----	----	----	0.63 + 0.03	.1384	----	----	----	----	25 UNCH
11500	----	----	----	----	0.01 UNCH	.0025	----	----	----	----	23 UNCH
TOTAL											48
MAY 18											
6800	----	----	----	----	0.77 + 0.03	.1556	----	----	----	----	25 UNCH
11500	----	----	----	----	0.02 UNCH	.0045	----	----	----	----	22 UNCH
TOTAL											47
JUNE 18											
6800	----	----	----	----	0.90 + 0.03	.1699	----	----	----	----	25 UNCH
11500	----	----	----	----	0.02 UNCH	.0045	----	----	----	----	21 UNCH
TOTAL											46
JULY 18											
6900	----	----	----	----	0.87 + 0.03	.1609	----	----	----	----	25 UNCH
11500	----	----	----	----	0.02 UNCH	.0045	----	----	----	----	20 UNCH
TOTAL											45
AUGUST 18											
6900	----	----	----	----	0.97 + 0.02	.1710	----	----	----	----	25 UNCH
11500	----	----	----	----	0.02 UNCH	.0045	----	----	----	----	19 UNCH
TOTAL											44
SEPTEMBER 18											
6900	----	----	----	----	1.07 + 0.01	.1805	----	----	----	----	25 UNCH
11500	----	----	----	----	0.02 - 0.01	.0045	----	----	----	----	18 UNCH
TOTAL											43
OCTOBER 18											
11500	----	----	----	----	0.01 - 0.01	.0025	----	----	----	----	17 UNCH
TOTAL											17
NOVEMBER 18											
11500	----	----	----	----	0.02 - 0.01	.0046	----	----	----	----	16 UNCH
TOTAL											16



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	GLOBEX OPEN	OPEN OPEN	OUTCRY OPEN 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
BA CALL														
DEC18														
11500	----	----	----	----	----	----	----	0.02 - 0.01	.0046	----	----	----	----	15 UNCH
TOTAL														15
JAN19														
9750	----	----	----	----	----	----	----	0.08 UNCH	.0170	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.07 UNCH	.0151	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.02 - 0.01	.0046	----	----	----	----	15 UNCH
TOTAL														115
FEB19														
9750	----	----	----	----	----	----	----	0.08 UNCH	.0170	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.08 UNCH	.0168	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.03 - 0.01	.0064	----	----	----	----	14 UNCH
TOTAL														114
MAR19														
9750	----	----	----	----	----	----	----	0.08 - 0.01	.0170	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.08 UNCH	.0168	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.03 - 0.01	.0064	----	----	----	----	13 UNCH
TOTAL														113
APR19														
9750	----	----	----	----	----	----	----	0.09 UNCH	.0187	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.08 UNCH	.0168	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.03 - 0.01	.0064	----	----	----	----	13 UNCH
TOTAL														113
MAY19														
9750	----	----	----	----	----	----	----	0.10 UNCH	.0203	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.09 UNCH	.0185	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.04 UNCH	.0081	----	----	----	----	12 UNCH
TOTAL														112
JUN19														
9750	----	----	----	----	----	----	----	0.11 UNCH	.0219	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.10 UNCH	.0201	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.05 UNCH	.0098	----	----	----	----	12 UNCH
TOTAL														112
JUL19														
9750	----	----	----	----	----	----	----	0.12 UNCH	.0234	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.11 - 0.01	.0216	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.05 - 0.01	.0098	----	----	----	----	11 UNCH
TOTAL														111
AUG19														
9750	----	----	----	----	----	----	----	0.13 - 0.01	.0249	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.12 - 0.01	.0232	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.06 UNCH	.0114	----	----	----	----	11 UNCH
TOTAL														111
SEP19														
9750	----	----	----	----	----	----	----	0.14 - 0.01	.0264	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.13 - 0.01	.0246	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.06 - 0.01	.0114	----	----	----	----	10 UNCH
TOTAL														110
OCT19														
9750	----	----	----	----	----	----	----	0.17 - 0.01	.0306	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.16 - 0.01	.0289	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.06 UNCH	.0114	----	----	----	----	10 UNCH
TOTAL														110
NOV19														
9750	----	----	----	----	----	----	----	0.17 - 0.01	.0306	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.16 - 0.01	.0289	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.07 - 0.01	.0129	----	----	----	----	9 UNCH
TOTAL														109
DEC19														
9750	----	----	----	----	----	----	----	0.19 UNCH	.0333	----	----	----	----	75 UNCH
9850	----	----	----	----	----	----	----	0.17 - 0.01	.0303	----	----	----	----	25 UNCH
11500	----	----	----	----	----	----	----	0.07 - 0.01	.0129	----	----	----	----	9 UNCH
TOTAL														109
JAN20														
11500	----	----	----	----	----	----	----	0.07 - 0.01	.0129	----	----	----	----	9 UNCH
TOTAL														9
FEB20														
11500	----	----	----	----	----	----	----	0.08 - 0.01	.0143	----	----	----	----	8 UNCH
TOTAL														8
MAR20														
11500	----	----	----	----	----	----	----	0.08 - 0.01	.0143	----	----	----	----	8 UNCH
TOTAL														8
APR20														
11500	----	----	----	----	----	----	----	0.10 - 0.01	.0171	----	----	----	----	8 UNCH
TOTAL														8
MAY20														
11500	----	----	----	----	----	----	----	0.09 - 0.01	.0158	----	----	----	----	7 UNCH
TOTAL														7
JUN20														
11500	----	----	----	----	----	----	----	0.10 - 0.01	.0171	----	----	----	----	7 UNCH
TOTAL														7
JUL20														
11500	----	----	----	----	----	----	----	0.11 - 0.01	.0185	----	----	----	----	7 UNCH
TOTAL														7
AUG20														
11500	----	----	----	----	----	----	----	0.12 - 0.01	.0198	----	----	----	----	7 UNCH
TOTAL														7
SEP20														
11500	----	----	----	----	----	----	----	0.13 - 0.01	.0211	----	----	----	----	6 UNCH
TOTAL														6
OCT20														
11500	----	----	----	----	----	----	----	0.18 - 0.01	.0272	----	----	----	----	6 UNCH
TOTAL														6
NOV20														
11500	----	----	----	----	----	----	----	0.16 - 0.01	.0249	----	----	----	----	6 UNCH
TOTAL														6
DEC20														
11500	----	----	----	----	----	----	----	0.19 - 0.01	.0284	----	----	----	----	6 UNCH
TOTAL														6
JAN21														
11500	----	----	----	----	----	----	----	0.22 - 0.01	.0318	----	----	----	----	6 UNCH
TOTAL														6
FEB21														
11500	----	----	----	----	----	----	----	0.25 UNCH	.0351	----	----	----	----	6 UNCH
TOTAL														6

2017 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>
CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000



FINAL

PG63 BULLETIN #183@ ENERGY OPTIONS Fri, Sep 22, 2017 PG63

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PRICE INDICATOR KEY

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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
BA CALL			BRENT AVERAGE	PRICE OPTION									
MAR21							0.29 UNCH	.0393	----	----	----	----	5 UNCH
11500	----	----	----	----	----	----							5
TOTAL													5 UNCH
APR21							0.35 + 0.01	.0452	----	----	----	----	5 UNCH
11500	----	----	----	----	----	----							5
TOTAL													5 UNCH
MAY21							0.34 UNCH	.0443	----	----	----	----	5 UNCH
11500	----	----	----	----	----	----							5
TOTAL													5 UNCH
JUN21							0.35 - 0.01	.0453	----	----	----	----	5 UNCH
11500	----	----	----	----	----	----							5
TOTAL													5 UNCH
JUL21							0.37 - 0.01	.0472	----	----	----	----	5 UNCH
11500	----	----	----	----	----	----							5
TOTAL													5 UNCH
AUG21							0.38 - 0.01	.0481	----	----	----	----	5 UNCH
11500	----	----	----	----	----	----							5
TOTAL													5 UNCH
SEP21							0.40 - 0.01	.0500	----	----	----	----	5 UNCH
11500	----	----	----	----	----	----							5
TOTAL													5 UNCH
OCT21							0.44 - 0.02	.0537	----	----	----	----	5 UNCH
11500	----	----	----	----	----	----							5
TOTAL													5 UNCH
NOV21							0.43 - 0.01	.0528	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
DEC21							0.45 - 0.01	.0546	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
JAN22							0.47 UNCH	.0563	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
FEB22							0.49 + 0.01	.0581	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
MAR22							0.52 + 0.02	.0607	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
APR22							0.86 + 0.14	.0870	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
MAY22							0.56 + 0.03	.0641	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
JUN22							0.60 + 0.05	.0673	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
JUL22							0.63 + 0.06	.0698	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
AUG22							0.67 + 0.08	.0729	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
SEP22							0.71 + 0.09	.0760	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
OCT22							0.85 + 0.11	.0864	----	----	----	----	4 UNCH
11500	----	----	----	----	----	----							4
TOTAL													4 UNCH
NOV22							0.73 - 0.01	.0775	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
DEC22							0.76 - 0.01	.0798	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
JAN23							0.80 - 0.01	.0827	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
FEB23							0.83 - 0.01	.0849	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
MAR23							0.86 - 0.02	.0871	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
APR23							0.90 - 0.01	.0899	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
MAY23							0.93 - 0.02	.0920	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
JUN23							0.97 - 0.02	.0947	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
JUL23							1.01 - 0.01	.0975	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
AUG23							1.04 - 0.02	.0995	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
SEP23							1.08 - 0.02	.1021	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
OCT23							1.12 - 0.02	.1047	----	----	----	----	3 UNCH
11500	----	----	----	----	----	----							3
TOTAL													3 UNCH
BA PUT			BRENT AVERAGE	PRICE OPTION									
SEP17							19.80 - 0.11	1.0000	----	----	----	----	100 UNCH
7500	----	----	----	----	----	----							175 UNCH
8000	----	----	----	----	----	----	24.79 - 0.12	1.0000	----	----	----	----	75 UNCH
8500	----	----	----	----	----	----	29.79 - 0.12	1.0000	----	----	----	----	75 UNCH

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PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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PRICE INDICATOR KEY

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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 OCT17 to SEP18.

Table with columns: BZO CALL, BRENT CRUDE OIL FUT MARGIN OPT. Rows include various contract months from NOV17 to 7000.

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CME Group, Inc.

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

Customer Service: (312) 930-1000

FINAL

PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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
BZ0 CALL BRENT CRUDE OIL FUT MARGIN OPT												
DEC17												
7050	----	----	----	----	----	0.02 UNCH	.0101	----	----	----	----	100 UNCH
7300	----	----	----	----	----	0.01 UNCH	.0034	----	----	----	----	163 UNCH
7500	----	----	----	----	----	0.01 UNCH	.0014	----	----	----	----	600 UNCH
8000	----	----	----	----	----	0.01 UNCH	.0001	----	----	----	----	1200 UNCH
8500	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	1000 UNCH
9400	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	62 UNCH
14000	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	50 UNCH
15250	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	50 UNCH
TOTAL										800		33744 + 348
JAN18												
4800	----	----	#8.34B/8.08A	#8.34B/8.08A	----	8.40 + 0.24	.9114	----	----	----	----	200 UNCH
4850	----	----	#7.89B/7.63A	#7.89B/7.63A	----	7.94 + 0.23	.9002	----	----	----	----	500 UNCH
4900	----	----	#7.44B/7.19A	#7.44B/7.19A	----	7.50 + 0.23	.8853	----	----	----	----	200 UNCH
5000	----	----	#6.57B/6.34A	#6.57B/6.34A	----	6.63 + 0.22	.8532	----	----	----	----	450 UNCH
5250	----	----	#4.60B/4.41A	#4.60B/4.41A	----	4.63 + 0.18	.7435	----	----	----	----	230 UNCH
5400	----	----	#3.54B/3.39A	#3.54B/3.39A	----	3.58 + 0.16	.6582	----	----	----	----	1450 UNCH
5500	----	----	#2.94B/2.74A	#2.94B/2.74A	----	2.95 + 0.14	.5949	----	----	----	----	1200 UNCH
5550	----	----	#2.65B/2.46A	#2.65B/2.46A	----	2.66 + 0.13	.5616	----	----	----	----	104 UNCH
5600	----	----	#2.37B/2.20A	#2.37B/2.20A	----	2.38 + 0.12	.5274	----	97	300	992 + 385	100 UNCH
5700	----	----	#1.88B/1.74A	#1.88B/1.74A	----	1.88 + 0.09	.4576	----	----	----	----	26 UNCH
5750	----	----	#1.66B/1.53A	#1.66B/1.53A	----	1.66 + 0.08	.4226	----	----	----	----	200 UNCH
5900	----	----	1.11B/1.01A	1.11B/1.01A	----	1.11 + 0.06	.3213	----	----	----	----	1556 UNCH
6000	----	----	0.82B/0.75A	0.82B/0.75A	----	0.83 + 0.05	.2601	----	----	----	----	7 UNCH
6050	----	----	0.71B/0.64A	0.71B/0.64A	----	0.71 + 0.04	.2315	----	----	----	----	100 UNCH
6100	----	----	0.60B/0.55A	0.60B/0.55A	----	0.61 + 0.04	.2058	----	----	----	----	56 UNCH
6150	----	----	0.52B/0.47A	0.52B/0.47A	----	0.52 + 0.03	.1816	----	----	----	----	6 UNCH
6200	----	----	0.44B/0.40A	0.44B/0.40A	----	0.44 + 0.02	.1591	----	----	----	----	100 UNCH
6250	----	----	0.37B/0.35A	0.37B/0.35A	----	0.38 + 0.02	.1407	----	----	----	----	48 UNCH
6300	----	----	0.32B/0.30A	0.32B/0.30A	----	0.33 + 0.02	.1245	----	----	----	----	268 UNCH
6350	----	----	---/0.26A	---/0.26A	----	0.28 + 0.01	.1085	----	----	----	----	200 UNCH
6650	----	----	----	----	----	0.12 UNCH	.0506	----	----	97	300	7993 + 385
TOTAL												
FEB18												
5000	----	----	#6.86B/6.70A	#6.86B/6.70A	----	6.91 + 0.17	.7978	----	----	----	----	225 UNCH
5050	----	----	#6.47B/6.32A	#6.47B/6.32A	----	6.52 + 0.16	.7796	----	----	----	----	300 UNCH
5100	----	----	#6.09B/5.95A	#6.09B/5.95A	----	6.15 + 0.17	.7596	----	----	----	----	250 UNCH
5200	----	----	#5.37B/5.23A	#5.37B/5.23A	----	5.42 + 0.16	.7183	----	----	----	----	300 UNCH
5250	----	----	#5.02B/4.89A	#5.02B/4.89A	----	5.07 + 0.15	.6963	----	----	----	----	200 UNCH
5500	----	----	#3.43B/3.36A	#3.43B/3.36A	----	3.50 + 0.12	.5742	----	----	----	----	250 UNCH
5800	----	----	#1.97B/1.90A	#1.97B/1.90A	----	2.02 + 0.09	.4127	----	----	----	----	125 UNCH
6000	----	----	#1.29B/1.22A	#1.29B/1.22A	----	1.31 + 0.06	.3079	----	----	----	----	2150 UNCH
TOTAL												
MAR18												
4900	----	----	#7.96B/7.80A	#7.96B/7.80A	----	8.01 + 0.16	.7960	----	----	----	----	500 UNCH
4950	----	----	#7.58B/7.42A	#7.58B/7.42A	----	7.62 + 0.15	.7806	----	----	----	----	300 UNCH
5000	----	----	#7.21B/7.04A	#7.21B/7.04A	----	7.25 + 0.15	.7639	----	----	----	----	200 UNCH
5050	----	----	#6.83B/6.69A	#6.83B/6.69A	----	6.88 + 0.15	.7469	----	----	----	----	650 UNCH
5100	----	----	#6.47B/6.34A	#6.47B/6.34A	----	6.52 + 0.15	.7291	----	----	----	----	350 UNCH
5200	----	----	#5.79B/5.67A	#5.79B/5.67A	----	5.82 + 0.13	.6920	----	----	----	----	400 UNCH
5350	----	----	#4.80B/4.70A	#4.80B/4.70A	----	4.85 + 0.13	.6315	----	----	----	----	1200 UNCH
5500	----	----	#3.91B/3.84A	#3.91B/3.84A	----	3.97 + 0.12	.5667	----	----	----	----	150 UNCH
5800	----	----	#2.43B/----	#2.43B/----	----	2.50 + 0.11	.4297	----	----	----	----	700 UNCH
6000	----	----	#1.71B/1.63A	#1.71B/1.63A	----	1.74 + 0.09	.3389	----	----	----	----	600 UNCH
6500	----	----	#0.60B/----	#0.60B/----	----	0.61 + 0.04	.1556	----	----	----	----	5350 UNCH
TOTAL												
APR18												
5300	----	----	----	----	----	5.50 + 0.13	.6411	----	----	----	----	150 UNCH
TOTAL												150
JUN18												
5050	----	----	----	----	----	7.65 + 0.11	.7063	----	----	----	----	200 UNCH
5150	----	----	----	----	----	6.99 + 0.10	.6761	----	----	----	----	100 UNCH
5400	----	----	----	----	----	5.47 + 0.10	.5952	----	----	----	----	100 UNCH
5500	----	----	----	----	----	4.91 + 0.09	.5611	----	----	----	----	1000 UNCH
6000	----	----	----	----	----	2.61 + 0.07	.3830	----	----	----	----	100 UNCH
7000	----	----	----	----	----	0.52 + 0.03	.1146	----	----	----	----	200 UNCH
TOTAL												1700
SEP18												
6500	----	----	----	----	----	1.66	NEW	.2587	----	----	100	100 + 100
TOTAL												100 + 100
DEC18												
5100	----	----	----	----	----	8.39 + 0.06	.6642	----	----	----	----	65 UNCH
5200	----	----	----	----	----	7.78 + 0.05	.6393	----	----	----	----	600 UNCH
5500	----	----	----	----	----	6.10 + 0.03	.5609	----	----	----	----	1000 UNCH
5700	----	----	----	----	----	5.09 + 0.03	.5061	----	----	----	----	200 UNCH
6000	----	----	----	----	----	3.75 UNCH	.4215	----	----	----	----	150 UNCH
6500	----	----	----	----	----	2.09 UNCH	.2862	----	----	----	----	450 UNCH
9000	----	----	----	----	----	0.14 - 0.01	.0291	----	----	----	----	6400 UNCH
10000	----	----	----	----	----	0.06 - 0.01	.0131	----	----	----	----	12800 UNCH
TOTAL												21665
BZ0 PUT BRENT CRUDE OIL FUT MARGIN OPT												
NOV17												
2900	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	27 UNCH
4350	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	5 UNCH
4400	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	506 UNCH
4500	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	636 UNCH
4550	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	46 UNCH
4600	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	189 UNCH
4650	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	15 UNCH
4700	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	51 UNCH
4800	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	2036 UNCH
4850	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	64 UNCH
4900	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	181 UNCH
5000	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	1050 UNCH
5050	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	250 UNCH
5100	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	65 UNCH
5150	----	----	----	----	----	0.01 - 0.01	.0003	----	----	----	----	104 UNCH
5200	----	----	----	----	----	0.01 - 0.01	.0010	----	----	----	----	872 UNCH
5250	----	----	----/*0.02A	----/*0.02A	----	0.01 - 0.02	.0030	----	----	----	----	50 UNCH
5300	----	----	----/*0.02A	----/*0.02A	----	0.01 - 0.03	.0077	----	----	----	----	1098 UNCH
5350	----	----	----/*0.03A	----/*0.03A	----	0.02 - 0.03	.0165	----	----	----	----	20 UNCH
5400	----	----	----/*0.03A	----/*0.03A	----	0.02 - 0.06	.0192	----	----	----	----	190 UNCH
5450	----	----	----/*0.04A	----/*0.04A	----	0.04 - 0.07	.0406	----	----	----	----	25 UNCH
5500	0.07	0.07	0.08B/*0.06A	0.08B/*0.06A	----	0.06 - 0.11	.0672	----	105	100	555 + 205	
5600	----	----	0.45B/*0.19A	0.45B/*0.19A	----	0.19	NEW	.2222	144	----	144	144
5												



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OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
OPEN	RANGE	HIGH/LOW	HIGH/LOW	RANGE	& PT.CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
								VOLUME			
BZ0 PUT BRENT CRUDE OIL FUT MARGIN OPT											
DEC17											
4200					0.02	- 0.01	.0074				500 UNCH
4250					0.02	- 0.01	.0077				1 UNCH
4300					0.02	- 0.01	.0079				300 UNCH
4400					0.03	- 0.01	.0118				200 UNCH
4450					0.04	- 0.01	.0154				326 UNCH
4500					0.04	- 0.01	.0160				1824 UNCH
4550					0.05	- 0.01	.0198				200 UNCH
4600					0.05	- 0.02	.0206				300 UNCH
4650					0.06	- 0.02	.0247				15 UNCH
4700					0.07	- 0.02	.0289				1434 UNCH
4750					0.08	- 0.02	.0334				520 UNCH
4800					0.09	- 0.03	.0381				224 UNCH
4850					0.10	- 0.04	.0431				170 UNCH
4900					0.12	- 0.04	.0514				50 UNCH
5000					0.17	- 0.05	.0723				2777 UNCH
5050					0.20	- 0.06	.0849				110 UNCH
5100					0.24	- 0.07	.1007				1 UNCH
5150					0.29	- 0.08	.1198				27 UNCH
5200					0.35	- 0.09	.1419			100	523 + 100
5250					0.42	- 0.11	.1670				167 UNCH
5300					0.51	- 0.12	.1969				200 UNCH
5400	0.77	0.77			0.73	- 0.15	.2661		50	400	606 + 305
5500					1.03	- 0.18	.3497				875 UNCH
5550					1.22	- 0.19	.3961				25 UNCH
5600					1.43	- 0.21	.4443				65 UNCH
6650					10.36	+ 10.15	.9736				5 UNCH
7850					22.09	- 0.33	.9997				5 UNCH
TOTAL									50	500	16883 + 405
JAN18											
2900					0.01	UNCH	.0000				400 UNCH
3350					0.01	UNCH	.0007				135 UNCH
3500					0.01	UNCH	.0018				200 UNCH
3550					0.01	UNCH	.0024				328 UNCH
3650					0.02	UNCH	.0056				400 UNCH
3750					0.02	UNCH	.0059				200 UNCH
3800					0.02	- 0.01	.0061				261 UNCH
3950					0.04	UNCH	.0116				200 UNCH
4000					0.04	UNCH	.0119				1033 UNCH
4100					0.05	- 0.01	.0151				100 UNCH
4150					0.06	UNCH	.0179				50 UNCH
4250					0.07	- 0.01	.0215				50 UNCH
4300					0.08	- 0.01	.0245				500 UNCH
4350					0.09	- 0.01	.0277				50 UNCH
4450					0.11	- 0.02	.0344				50 UNCH
4500					0.13	- 0.02	.0401				500 UNCH
4550					0.15	- 0.02	.0460				135 UNCH
4600					0.17	- 0.02	.0521				100 UNCH
4650					0.19	- 0.03	.0584				400 UNCH
4700					0.22	- 0.03	.0669				50 UNCH
4750					0.26	- 0.03	.0776				150 UNCH
4800					0.30	- 0.04	.0885				200 UNCH
4900					0.40	- 0.05	.1146				36 UNCH
5000					0.53	- 0.06	.1467				1580 UNCH
5100					0.70	- 0.08	.1859				6 UNCH
5200					0.91	- 0.09	.2314				350 UNCH
5250					1.03	- 0.10	.2564				25 UNCH
5300	1.18	1.18			1.17	NEW	.2837		50		50 + 50
5600					2.28	NEW	.4725		97		97 + 97
TOTAL									147		7636 + 147
FEB18											
4000					0.09	- 0.01	.0225				125 UNCH
4100					0.11	- 0.02	.0276				300 UNCH
4200					0.14	- 0.02	.0350				200 UNCH
5000					1.01	- 0.07	.2021				675 UNCH
5050					1.12	- 0.08	.2203				150 UNCH
TOTAL											1450
MAR18											
4000					0.17	- 0.02	.0358				300 UNCH
4400					0.43	- 0.03	.0836				300 UNCH
4500					0.54	- 0.03	.1020				700 UNCH
4800					1.01	- 0.06	.1737				150 UNCH
5000					1.47	- 0.07	.2361				300 UNCH
5200					2.04	- 0.09	.3079				150 UNCH
5300					2.38	- 0.09	.3476				200 UNCH
5500					3.19	- 0.10	.4333				400 UNCH
TOTAL											2500
JUN18											
3000					0.04	- 0.01	.0074				200 UNCH
3500					0.15	- 0.01	.0254				300 UNCH
4500					1.14	- 0.04	.1521				100 UNCH
5000					2.42	- 0.07	.2791				200 UNCH
5200					3.10	- 0.08	.3394				100 UNCH
TOTAL											900
SEP18											
3500					0.29	- 0.01	.0402				400 UNCH
4500					1.68	- 0.02	.1815			150	0 - 150
5000					3.15	- 0.04	.2993				600 UNCH
5500					5.16	- 0.08	.4394				650 UNCH
TOTAL										150	1650 - 150
DEC18											
3000					0.14	UNCH	.0192				100 UNCH
3500					0.43	UNCH	.0522				250 UNCH
4000					1.03	UNCH	.1110				4000 UNCH
5000					3.76	- 0.02	.3116				2000 UNCH
5100					4.13	- 0.04	.3357				65 UNCH
TOTAL											6415
OS CALL BRENT CRUDE OIL OPTIONS											
DEC17											
8500					0.01	UNCH	.0000				35 UNCH
8800					0.01	UNCH					35 UNCH
9200					0.01	UNCH					3000 UNCH
10000					0.01	UNCH					4250 UNCH
11000					0.01	UNCH					1000 UNCH
12000					0.01	UNCH					40 UNCH
13000					0.01	UNCH					3000 UNCH
TOTAL											11360
JAN18											
5100					5.79	+ 0.20	.8140				150 UNCH
5400					3.57	+ 0.16	.6587				100 UNCH
TOTAL											250
JUN18											
5000					7.94	+ 0.11	.7211				24 UNCH
TOTAL											24
DEC18											
5000					8.91	+ 0.07	.6890				24 UNCH

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ENERGY OPTIONS

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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
OS CALL BRENT CRUDE OIL OPTIONS											
TOTAL											24
OS PUT BRENT CRUDE OIL OPTIONS											
3000	----	----	----	----	0.01 UNCH	----	----	----	----	----	24 UNCH
5400	----	----	----	----	0.73 - 0.15	.2661	----	----	----	----	24 UNCH
8000	----	----	----	----	23.58 - 0.33	.9998	----	----	----	----	3250 UNCH
8500	----	----	----	----	28.58 - 0.33	.9999	----	----	----	----	35 UNCH
8800	----	----	----	----	31.58 - 0.33	1.0000	----	----	----	----	35 UNCH
TOTAL											3368
JAN18	----	----	----	----	0.40 - 0.05	.1146	----	----	----	----	100 UNCH
5100	----	----	----	----	0.70 - 0.07	.1859	----	----	----	----	150 UNCH
TOTAL											250
JUN18	----	----	----	----	0.29 - 0.02	.0465	----	----	----	----	24 UNCH
TOTAL											24
DEC18	----	----	----	----	0.73 UNCH	.0832	----	----	----	----	24 UNCH
3800	----	----	----	----	3.02 - 0.02	.2643	----	----	----	----	1000 UNCH
4800	----	----	----	----			----	----	----	----	1024 UNCH
TOTAL											1024
BE CALL BRENT EURO STYLE OPTION											
5500	----	----	----	----	2.45 + 0.15	.6503	----	----	----	----	800 UNCH
5550	----	----	----	----	2.14 + 0.14	.6038	----	----	----	----	100 UNCH
6500	----	----	----	----	0.08 + 0.01	.0416	----	----	----	----	22 UNCH
TOTAL											922
JAN18	----	----	----	----	1.66 + 0.09	.4226	----	----	----	----	575 UNCH
5750	----	----	----	----			----	----	----	----	575 UNCH
TOTAL											575
MAR18	----	----	----	----	3.96 + 0.12	.5667	----	----	----	----	650 UNCH
5500	----	----	----	----	3.68 + 0.12	.5442	----	----	----	----	595 UNCH
5650	----	----	----	----	3.17 + 0.11	.4985	----	----	----	----	300 UNCH
5750	----	----	----	----	2.71 + 0.11	.4525	----	----	----	----	500 UNCH
TOTAL											2045
JUN18	----	----	----	----	4.88 + 0.09	.5610	----	----	----	----	250 UNCH
5500	----	----	----	----	1.77 + 0.05	.2957	----	----	----	----	250 UNCH
6250	----	----	----	----			----	----	----	----	500 UNCH
TOTAL											500
DEC18	----	----	----	----	3.13 - 0.01	.3775	----	----	----	----	1000 UNCH
6150	----	----	----	----	2.48 UNCH	.3232	----	----	----	----	1000 UNCH
6350	----	----	----	----	0.03 - 0.02	.0070	----	----	----	----	653 UNCH
10500	----	----	----	----			----	----	----	----	2653 UNCH
TOTAL											2653
DEC19	----	----	----	----	0.31 - 0.01	.0526	----	----	----	----	40 UNCH
9000	----	----	----	----	0.08 - 0.01	.0149	----	----	----	----	125 UNCH
11000	----	----	----	----			----	----	----	----	165 UNCH
TOTAL											165
BE PUT BRENT EURO STYLE OPTION											
3000	----	----	----	----	0.01 UNCH	----	----	----	----	----	25 UNCH
4000	----	----	----	----	0.01 - 0.01	.0021	----	----	----	----	450 UNCH
4400	----	----	----	----	0.03 - 0.01	.0118	----	----	----	----	349 UNCH
4500	----	----	----	----	0.04 - 0.01	.0160	----	----	----	----	400 UNCH
5500	----	----	----	----	1.03 - 0.18	.3497	----	----	----	----	237 UNCH
5700	----	----	----	----	1.93 - 0.23	.5434	----	----	----	----	60 UNCH
6000	----	----	----	----	4.02 - 0.30	.8008	----	----	----	----	56 UNCH
6300	----	----	----	----	6.72 - 0.32	.9237	----	----	----	----	439 UNCH
6500	----	----	----	----	8.65 - 0.32	.9583	----	----	----	----	100 UNCH
TOTAL											2116
JUN18	----	----	----	----	3.66 - 0.08	.3878	----	----	----	----	1000 UNCH
5350	----	----	----	----	6.10 - 0.10	.5638	----	----	----	----	1000 UNCH
5850	----	----	----	----			----	----	----	----	2000 UNCH
TOTAL											2000
AUG18	----	----	----	----	0.37 - 0.01	.0520	----	----	----	----	30 UNCH
3700	----	----	----	----	2.00 - 0.03	.2175	----	----	----	----	30 UNCH
4700	----	----	----	----			----	----	----	----	60 UNCH
TOTAL											60
DEC18	----	----	----	----	0.86 UNCH	.0959	----	----	----	----	1000 UNCH
3900	----	----	----	----	1.49 - 0.01	.1512	----	----	----	----	500 UNCH
4250	----	----	----	----	2.11 - 0.01	.1994	----	----	----	----	1000 UNCH
4500	----	----	----	----	3.70 - 0.03	.3108	----	----	----	----	908 UNCH
5000	----	----	----	----			----	----	----	----	3408 UNCH
TOTAL											3408
WCI CALL CANADIAN HEAVY CRUDE OIL APO											
JAN18	----	----	----	----	0.480 - 0.032	.5855	----	----	----	----	210 UNCH
-1350C	----	----	----	----	0.135 - 0.018	.3202	----	----	----	----	100 UNCH
-1300C	----	----	----	----			----	----	----	----	310 UNCH
TOTAL											310
FEB18	----	----	----	----	0.501 - 0.029	.5355	----	----	----	----	210 UNCH
-1350C	----	----	----	----	0.152 - 0.017	.3038	----	----	----	----	100 UNCH
-1300C	----	----	----	----			----	----	----	----	310 UNCH
TOTAL											310
MAR18	----	----	----	----	0.499 - 0.027	.5000	----	----	----	----	210 UNCH
-1350C	----	----	----	----	0.152 - 0.016	.2815	----	----	----	----	100 UNCH
-1300C	----	----	----	----			----	----	----	----	310 UNCH
TOTAL											310
APR18	----	----	----	----	0.250 - 0.031	.2909	----	----	----	----	210 UNCH
-1350C	----	----	----	----	0.041 - 0.011	.0923	----	----	----	----	100 UNCH
-1300C	----	----	----	----			----	----	----	----	310 UNCH
TOTAL											310
MAY18	----	----	----	----	0.273 - 0.032	.2933	----	----	----	----	210 UNCH
-1350C	----	----	----	----	0.050 - 0.011	.1019	----	----	----	----	100 UNCH
-1300C	----	----	----	----			----	----	----	----	310 UNCH
TOTAL											310
JUN18	----	----	----	----	0.294 - 0.032	.2947	----	----	----	----	210 UNCH
-1350C	----	----	----	----	0.058 - 0.012	.1090	----	----	----	----	100 UNCH
-1300C	----	----	----	----			----	----	----	----	310 UNCH
TOTAL											310
JUL18	----	----	----	----	0.392 - 0.075	.3485	----	----	----	----	210 UNCH
-1350C	----	----	----	----	0.099 - 0.037	.1609	----	----	----	----	100 UNCH
-1300C	----	----	----	----			----	----	----	----	310 UNCH
TOTAL											310



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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 WCI CALL AUG18, SEP18, OCT18, NOV18, DEC18, WCI PUT JAN18, FEB18, MAR18, APR18, MAY18, JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, CVR CALL SEP17, OCT17, NOV17, DEC17, JAN18, FEB18, MAR18, CVR PUT.

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GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHG.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
CVR PUT CHICAGO ETHANOL (PLATTS) APO											
SEP17											
13500	----	----	----	----	0.0001 UNCH	----	----	----	----	----	155 UNCH
14000	----	----	----	----	0.0001 UNCH	----	----	----	----	----	110 UNCH
14500	----	----	----	----	0.0001 UNCH	0.0000	----	----	----	----	183 UNCH
15000	----	----	----	----	0.0001 UNCH	0.0068	----	----	----	----	443 UNCH
15500	----	----	----	----	0.0008 - 0.0016	0.0813	----	----	----	----	165 UNCH
16000	----	----	----	----	0.0262 - 0.0052	0.8920	----	----	----	----	35 UNCH
TOTAL											1091
OCT17											
13000	----	----	----	----	0.0002 - 0.0002	0.0059	----	----	----	----	35 UNCH
13500	----	----	----	----	0.0008 - 0.0002	0.0221	----	----	----	----	190 UNCH
14000	----	----	----	----	0.0030 - 0.0004	0.0740	----	----	----	----	245 UNCH
14500	----	----	----	----	0.0092 - 0.0013	0.1959	----	----	----	----	583 UNCH
15000	----	----	----	----	0.0240 - 0.0043	0.4124	----	----	----	----	363 UNCH
15500	----	----	----	----	0.0522 - 0.0062	0.6629	----	----	----	----	78 UNCH
TOTAL											1494
NOV17											
13000	----	----	----	----	0.0035 - 0.0005	0.0613	----	----	----	----	120 UNCH
13500	----	----	----	----	0.0076 - 0.0010	0.1238	----	----	----	----	180 UNCH
14000	----	----	----	----	0.0161 - 0.0016	0.2338	----	----	----	----	245 UNCH
14500	----	----	----	----	0.0323 - 0.0027	0.3947	----	----	----	----	250 UNCH
15000	----	----	----	----	0.0578 - 0.0037	0.5752	----	----	----	----	220 UNCH
TOTAL											1015
DEC17											
13000	----	----	----	----	0.0088 - 0.0001	0.1200	----	----	----	----	35 UNCH
13500	----	----	----	----	0.0169 - 0.0008	0.2085	----	----	----	----	155 UNCH
14000	----	----	----	----	0.0310 - 0.0019	0.3338	----	----	----	----	310 UNCH
14500	----	----	----	----	0.0526 - 0.0030	0.4819	----	----	----	----	190 UNCH
15000	----	----	----	----	0.0823 - 0.0037	0.6280	----	----	----	----	25 UNCH
TOTAL											715
JAN18											
13000	----	----	----	----	0.0155 + 0.0003	0.1750	----	----	----	----	35 UNCH
13500	----	----	----	----	0.0273 - 0.0006	0.2752	----	----	----	----	105 UNCH
14000	----	----	----	----	0.0451 - 0.0020	0.3990	----	----	----	----	55 UNCH
14500	----	----	----	----	0.0702 - 0.0028	0.5327	----	----	----	----	75 UNCH
TOTAL											270
FEB18											
13000	----	----	----	----	0.0172 + 0.0006	0.1749	----	----	----	----	35 UNCH
13500	----	----	----	----	0.0287 - 0.0006	0.2644	----	----	----	----	95 UNCH
14000	----	----	----	----	0.0458 - 0.0019	0.3748	----	----	----	----	55 UNCH
14500	----	----	----	----	0.0694 - 0.0027	0.4956	----	----	----	----	75 UNCH
TOTAL											260
MAR18											
13000	----	----	----	----	0.0171 + 0.0009	0.1621	----	----	----	----	35 UNCH
13500	----	----	----	----	0.0277 - 0.0001	0.2406	----	----	----	----	95 UNCH
14000	----	----	----	----	0.0432 - 0.0014	0.3380	----	----	----	----	55 UNCH
14500	----	----	----	----	0.0645 - 0.0023	0.4477	----	----	----	----	75 UNCH
TOTAL											260
CLA CALL COAL API2 ARGUS/MCCLOS CALNDR OPT											
JAN18											
6000	----	----	----	----	21.79 + 0.05	0.9903	----	----	----	----	50 UNCH
6200	----	----	----	----	19.83 + 0.05	0.9837	----	----	----	----	35 UNCH
6300	----	----	----	----	18.85 + 0.04	0.9776	----	----	----	----	25 UNCH
6400	----	----	----	----	17.88 + 0.04	0.9716	----	----	----	----	25 UNCH
6500	----	----	----	----	16.92 + 0.04	0.9653	----	----	----	----	125 UNCH
6700	----	----	----	----	15.03 + 0.04	0.9463	----	----	----	----	100 UNCH
6800	----	----	----	----	14.10 + 0.04	0.9337	----	----	----	----	75 UNCH
7000	----	----	----	----	12.28 + 0.03	0.9028	----	----	----	----	217 UNCH
7200	----	----	----	----	10.54 + 0.02	0.8647	----	----	----	----	125 UNCH
7300	----	----	----	----	9.71 + 0.03	0.8396	----	----	----	----	25 UNCH
7400	----	----	----	----	8.90 + 0.02	0.8124	----	----	----	----	125 UNCH
7500	----	----	----	----	8.12 + 0.02	0.7819	----	----	----	----	425 UNCH
7700	----	----	----	----	6.65 + 0.01	0.7147	----	----	----	----	5 UNCH
7900	----	----	----	----	5.34 + 0.01	0.6391	----	----	----	----	5 UNCH
8000	----	----	----	----	4.74 UNCH	0.5985	----	----	----	----	357 UNCH
8500	----	----	----	----	2.58 - 0.01	0.3960	----	----	----	----	300 UNCH
9000	----	----	----	----	1.41 - 0.01	0.2427	----	----	----	----	225 UNCH
9500	----	----	----	----	0.76 - 0.01	0.1425	----	----	----	----	25 UNCH
10000	----	----	----	----	0.40 UNCH	0.0806	----	----	----	----	202 UNCH
TOTAL											2471
JAN19											
9200	----	----	----	----	2.08 UNCH	0.2302	----	----	----	----	50 UNCH
TOTAL											50
CLA PUT COAL API2 ARGUS/MCCLOS CALNDR OPT											
JAN18											
4500	----	----	----	----	0.01 UNCH	0.0000	----	----	----	----	350 UNCH
5000	----	----	----	----	0.01 UNCH	0.0001	----	----	----	----	225 UNCH
5300	----	----	----	----	0.01 UNCH	0.0007	----	----	----	----	200 UNCH
5500	----	----	----	----	0.01 UNCH	0.0017	----	----	----	----	500 UNCH
5600	----	----	----	----	0.01 UNCH	0.0026	----	----	----	----	200 UNCH
5700	----	----	----	----	0.02 UNCH	0.0048	----	----	----	----	150 UNCH
6000	----	----	----	----	0.04 UNCH	0.0096	----	----	----	----	225 UNCH
6100	----	----	----	----	0.05 - 0.01	0.0120	----	----	----	----	50 UNCH
6200	----	----	----	----	0.07 - 0.01	0.0162	----	----	----	----	128 UNCH
6300	----	----	----	----	0.10 UNCH	0.0223	----	----	----	----	175 UNCH
6400	----	----	----	----	0.13 UNCH	0.0283	----	----	----	----	25 UNCH
6500	----	----	----	----	0.16 - 0.01	0.0346	----	----	----	----	250 UNCH
6700	----	----	----	----	0.26 - 0.01	0.0536	----	----	----	----	77 UNCH
6800	----	----	----	----	0.33 - 0.01	0.0662	----	----	----	----	75 UNCH
7000	----	----	----	----	0.51 - 0.02	0.0971	----	----	----	----	200 UNCH
7500	----	----	----	----	1.33 - 0.04	0.2180	----	----	----	----	25 UNCH
7700	----	----	----	----	1.87 - 0.03	0.2853	----	----	----	----	2 UNCH
TOTAL											2857
JAN19											
6000	----	----	----	----	1.61 - 0.01	0.1456	----	----	----	----	75 UNCH
6700	----	----	----	----	3.26 - 0.02	0.2620	----	----	----	----	50 UNCH
TOTAL											125
MTO CALL COAL API2 CIF ARA ARGSMCCLOSKEY OP											
SEP17											
5600	----	----	----	----	35.79 + 0.05	1.0000	----	----	----	----	10 UNCH
6000	----	----	----	----	31.79 + 0.05	1.0000	----	----	----	----	10 UNCH
6750	----	----	----	----	24.29 + 0.05	0.9999	----	----	----	----	25 UNCH
7500	----	----	----	----	16.80 + 0.05	0.9968	----	----	----	----	25 UNCH
7900	----	----	----	----	12.80 + 0.05	0.9794	----	----	----	----	30 UNCH
8150	----	----	----	----	10.30 + 0.05	0.9480	----	----	----	----	50 UNCH
TOTAL											150
OCT17											
5600	----	----	----	----	36.16 + 0.05	0.9999	----	----	----	----	10 UNCH
6000	----	----	----	----	32.16 + 0.05	0.9997	----	----	----	----	10 UNCH
7500	----	----	----	----	17.18 + 0.05	0.9573	----	----	----	----	20 UNCH
8250	----	----	----	----	9.69 + 0.05	0.8301	----	----	----	----	20 UNCH



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ENERGY OPTIONS

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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.

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 MTU PUT, CPR CALL, and AO CALL sections with various contract months and prices.

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.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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 AO CALL, OCT17, NOV17, DEC17 with various contract specifications and prices.

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PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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 contract months from FEB18 to 6150.



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ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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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 months like AUG18, SEP18, OCT18, NOV18, DEC18 and various contract specifications.



2017 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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Customer Service: (312) 930-1000

FINAL

PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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	
AO CALL CRUDE OIL APO OPTIONS													
DEC18													
5300	----	----	----	----	----	4.89 + 0.05	.5079	----	----	----	----	120	UNCH
5325	----	----	----	----	----	4.77 + 0.05	.5007	----	----	----	----	4	UNCH
5400	----	----	----	----	----	4.42 + 0.04	.4788	----	----	----	----	30	UNCH
5430	----	----	----	----	----	4.29 + 0.05	.4701	----	----	----	----	55	UNCH
5450	----	----	----	----	----	4.20 + 0.05	.4642	----	----	----	----	13	UNCH
5500	----	----	----	----	----	3.98 + 0.04	.4495	----	----	----	----	3062	UNCH
5520	----	----	----	----	----	3.90 + 0.05	.4438	----	----	----	----	31	UNCH
5550	----	----	----	----	----	3.77 + 0.04	.4348	----	----	----	----	81	UNCH
5575	----	----	----	----	----	3.67 + 0.04	.4275	----	----	----	----	2	UNCH
5580	----	----	----	----	----	3.65 + 0.04	.4261	----	----	----	----	5	UNCH
5600	----	----	----	----	----	3.57 + 0.04	.4202	----	----	----	----	152	UNCH
5650	----	----	----	----	----	3.38 + 0.05	.4058	----	----	----	----	3	UNCH
5700	----	----	----	----	----	3.19 + 0.05	.3912	----	----	----	----	160	UNCH
5750	----	----	----	----	----	3.00 + 0.04	.3764	----	----	----	----	53	UNCH
5800	----	----	----	----	----	2.83 + 0.04	.3622	----	----	----	----	25	UNCH
5850	----	----	----	----	----	2.66 + 0.04	.3479	----	----	----	----	9	UNCH
6000	----	----	----	----	----	2.20 + 0.03	.3061	----	----	----	----	1820	UNCH
6150	----	----	----	----	----	1.81 + 0.03	.2670	----	----	----	----	31	UNCH
6200	----	----	----	----	----	1.69 + 0.03	.2544	----	----	----	----	45	UNCH
6400	----	----	----	----	----	1.29 + 0.02	.2085	----	----	----	----	3	UNCH
6500	----	----	----	----	----	1.14 + 0.03	.1893	----	----	----	----	798	UNCH
6550	----	----	----	----	----	1.07 + 0.03	.1802	----	----	----	----	60	UNCH
7000	----	----	----	----	----	0.38 + 0.01	.1104	----	----	----	----	226	UNCH
7500	----	----	----	----	----	0.33 UNCH	.0675	----	----	----	----	25	UNCH
10000	----	----	----	----	----	0.07 UNCH	.0145	----	----	----	----	36	UNCH
11000	----	----	----	----	----	0.04 UNCH	.0084	----	----	----	----	34	UNCH
TOTAL												8585	
JAN19													
4700	----	----	----	----	----	8.21 + 0.04	.6698	----	----	----	----	7	UNCH
4900	----	----	----	----	----	7.04 + 0.05	.6185	----	----	----	----	25	UNCH
5430	----	----	----	----	----	4.34 + 0.04	.4705	----	----	----	----	55	UNCH
5500	----	----	----	----	----	4.03 + 0.04	.4501	----	----	----	----	635	UNCH
5550	----	----	----	----	----	3.82 + 0.04	.4356	----	----	----	----	7	UNCH
5580	----	----	----	----	----	3.70 + 0.04	.4270	----	----	----	----	5	UNCH
5600	----	----	----	----	----	3.62 + 0.04	.4212	----	----	----	----	15	UNCH
5850	----	----	----	----	----	2.71 + 0.04	.3498	----	----	----	----	9	UNCH
6000	----	----	----	----	----	2.25 + 0.02	.3086	----	----	----	----	301	UNCH
6050	----	----	----	----	----	2.12 + 0.03	.2959	----	----	----	----	130	UNCH
6150	----	----	----	----	----	1.86 + 0.03	.2701	----	----	----	----	31	UNCH
6500	----	----	----	----	----	1.18 + 0.01	.1927	----	----	----	----	25	UNCH
7000	----	----	----	----	----	0.61 UNCH	.1139	----	----	----	----	1	UNCH
8000	----	----	----	----	----	0.23 UNCH	.0474	----	----	----	----	120	UNCH
8600	----	----	----	----	----	0.16 UNCH	.0329	----	----	----	----	50	UNCH
10000	----	----	----	----	----	0.08 UNCH	.0162	----	----	----	----	1	UNCH
11000	----	----	----	----	----	0.05 UNCH	.0101	----	----	----	----	32	UNCH
TOTAL												1449	
FEB19													
4700	----	----	----	----	----	8.26 + 0.02	.6682	----	----	----	----	7	UNCH
4900	----	----	----	----	----	7.09 + 0.02	.6175	----	----	----	----	25	UNCH
5430	----	----	----	----	----	4.38 UNCH	.4708	----	----	----	----	55	UNCH
5500	----	----	----	----	----	4.08 + 0.01	.4509	----	----	----	----	635	UNCH
5550	----	----	----	----	----	3.87 + 0.01	.4366	----	----	----	----	7	UNCH
5580	----	----	----	----	----	3.74 UNCH	.4278	----	----	----	----	5	UNCH
5600	----	----	----	----	----	3.66 UNCH	.4220	----	----	----	----	15	UNCH
5850	----	----	----	----	----	2.75 + 0.01	.3513	----	----	----	----	9	UNCH
6000	----	----	----	----	----	2.29 UNCH	.3106	----	----	----	----	301	UNCH
6050	----	----	----	----	----	2.15 UNCH	.2974	----	----	----	----	130	UNCH
6150	----	----	----	----	----	1.89 UNCH	.2718	----	----	----	----	28	UNCH
6500	----	----	----	----	----	1.21 UNCH	.1952	----	----	----	----	25	UNCH
7000	----	----	----	----	----	0.64 UNCH	.1174	----	----	----	----	1	UNCH
8000	----	----	----	----	----	0.24 UNCH	.0489	----	----	----	----	120	UNCH
8600	----	----	----	----	----	0.16 UNCH	.0329	----	----	----	----	50	UNCH
10000	----	----	----	----	----	0.08 UNCH	.0162	----	----	----	----	1	UNCH
11000	----	----	----	----	----	0.05 UNCH	.0101	----	----	----	----	30	UNCH
TOTAL												1444	
MAR19													
4700	----	----	----	----	----	8.31 + 0.01	.6666	----	----	----	----	7	UNCH
4900	----	----	----	----	----	7.15 + 0.01	.6165	----	----	----	----	25	UNCH
5430	----	----	----	----	----	4.45 UNCH	.4719	----	----	----	----	55	UNCH
5500	----	----	----	----	----	4.14 UNCH	.4520	----	----	----	----	635	UNCH
5550	----	----	----	----	----	3.93 - 0.01	.4379	----	----	----	----	7	UNCH
5580	----	----	----	----	----	3.81 UNCH	.4295	----	----	----	----	5	UNCH
5600	----	----	----	----	----	3.73 UNCH	.4238	----	----	----	----	15	UNCH
5850	----	----	----	----	----	2.81 - 0.01	.3537	----	----	----	----	9	UNCH
6000	----	----	----	----	----	2.35 - 0.01	.3136	----	----	----	----	301	UNCH
6050	----	----	----	----	----	2.21 - 0.01	.3007	----	----	----	----	130	UNCH
6150	----	----	----	----	----	1.95 - 0.01	.2755	----	----	----	----	31	UNCH
6500	----	----	----	----	----	1.25 - 0.01	.1986	----	----	----	----	25	UNCH
7000	----	----	----	----	----	0.67 - 0.01	.1208	----	----	----	----	1	UNCH
8000	----	----	----	----	----	0.25 - 0.01	.0503	----	----	----	----	120	UNCH
8600	----	----	----	----	----	0.17 UNCH	.0344	----	----	----	----	50	UNCH
10000	----	----	----	----	----	0.09 UNCH	.0178	----	----	----	----	1	UNCH
11000	----	----	----	----	----	0.06 UNCH	.0117	----	----	----	----	28	UNCH
TOTAL												1445	
APR19													
4700	----	----	----	----	----	8.39 + 0.01	.6651	----	----	----	----	7	UNCH
4900	----	----	----	----	----	7.24 + 0.01	.6158	----	----	----	----	25	UNCH
5500	----	----	----	----	----	4.24 + 0.01	.4543	----	----	----	----	355	UNCH
5550	----	----	----	----	----	4.03 UNCH	.4405	----	----	----	----	7	UNCH
5580	----	----	----	----	----	3.91 + 0.01	.4322	----	----	----	----	5	UNCH
5600	----	----	----	----	----	3.83 + 0.01	.4267	----	----	----	----	15	UNCH
5850	----	----	----	----	----	2.91 UNCH	.3581	----	----	----	----	9	UNCH
6000	----	----	----	----	----	2.45 + 0.01	.3189	----	----	----	----	221	UNCH
6050	----	----	----	----	----	2.31 UNCH	.3062	----	----	----	----	130	UNCH
6150	----	----	----	----	----	2.04 UNCH	.2811	----	----	----	----	30	UNCH
6500	----	----	----	----	----	1.32 - 0.01	.2044	----	----	----	----	25	UNCH
7000	----	----	----	----	----	0.72 - 0.01	.1263	----	----	----	----	1	UNCH
8000	----	----	----	----	----	0.28 UNCH	.0546	----	----	----	----	120	UNCH
8600	----	----	----	----	----	0.19 UNCH	.0374	----	----	----	----	50	UNCH
10000	----	----	----	----	----	0.10 + 0.01	.0193	----	----	----	----	1	UNCH
11000	----	----	----	----	----	0.07 + 0.01	.0133	----	----	----	----	27	UNCH
TOTAL												1028	
MAY19													
4700	----	----	----	----	----	8.47 + 0.03	.6638	----	----	----	----	7	UNCH
4900	----	----	----	----	----	7.33 + 0.03</							



PG63 BULLETIN #183@

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AO CALL	GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL VOLUME	PNT VOLUME	OPEN INTEREST
CRUDE OIL APO OPTIONS												
JAN20												
4800	----	----	----	----	----	8.35 + 0.08	.6344	----	----	----	----	5 UNCH
5850	----	----	----	----	----	3.67 + 0.09	.3871	----	----	----	----	5 UNCH
7000	----	----	----	----	----	1.21 + 0.07	.1722	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.17 + 0.01	.0292	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.12 + 0.01	.0205	----	----	----	----	18 UNCH
TOTAL												30
FEB20												
4800	----	----	----	----	----	8.41 + 0.08	.6341	----	----	----	----	5 UNCH
5850	----	----	----	----	----	3.73 + 0.08	.3892	----	----	----	----	5 UNCH
7000	----	----	----	----	----	1.24 + 0.04	.1747	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.18 + 0.01	.0306	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.12	UNCH .0205	----	----	----	----	18 UNCH
TOTAL												30
MAR20												
4800	----	----	----	----	----	8.45 + 0.07	.6339	----	----	----	----	5 UNCH
5850	----	----	----	----	----	3.78 + 0.05	.3909	----	----	----	----	5 UNCH
7000	----	----	----	----	----	1.27 + 0.03	.1771	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.18	UNCH .0306	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.13	UNCH .0218	----	----	----	----	17 UNCH
TOTAL												29
APR20												
4800	----	----	----	----	----	8.52 + 0.07	.6340	----	----	----	----	5 UNCH
5850	----	----	----	----	----	3.85 + 0.06	.3935	----	----	----	----	5 UNCH
7000	----	----	----	----	----	1.31 + 0.03	.1803	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.19 + 0.01	.0318	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.13	UNCH .0218	----	----	----	----	17 UNCH
TOTAL												29
MAY20												
4800	----	----	----	----	----	8.58 + 0.06	.6340	----	----	----	----	5 UNCH
5850	----	----	----	----	----	3.93 + 0.06	.3963	----	----	----	----	5 UNCH
7000	----	----	----	----	----	1.37 + 0.04	.1850	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.19 + 0.01	.0319	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.13	UNCH .0218	----	----	----	----	16 UNCH
TOTAL												28
JUN20												
4800	----	----	----	----	----	8.64 + 0.07	.6335	----	----	----	----	5 UNCH
5850	----	----	----	----	----	4.01 + 0.08	.3989	----	----	----	----	5 UNCH
7000	----	----	----	----	----	1.43 + 0.05	.1895	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.20	UNCH .0331	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.14 + 0.01	.0231	----	----	----	----	16 UNCH
TOTAL												28
JUL20												
7000	----	----	----	----	----	1.46 + 0.03	.1917	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.21 + 0.01	.0344	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.14	UNCH .0231	----	----	----	----	15 UNCH
TOTAL												17
AUG20												
7000	----	----	----	----	----	1.51 + 0.04	.1954	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.21 + 0.01	.0344	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.14	UNCH .0231	----	----	----	----	15 UNCH
TOTAL												17
SEP20												
7000	----	----	----	----	----	1.56 + 0.05	.1991	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.22 + 0.01	.0356	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.15 + 0.01	.0244	----	----	----	----	14 UNCH
TOTAL												16
OCT20												
7000	----	----	----	----	----	1.61 + 0.03	.2028	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.23	UNCH .0369	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.15 + 0.01	.0244	----	----	----	----	14 UNCH
TOTAL												16
NOV20												
7000	----	----	----	----	----	1.66 + 0.01	.2063	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.26 - 0.01	.0404	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.16 - 0.01	.0257	----	----	----	----	13 UNCH
TOTAL												15
DEC20												
7000	----	----	----	----	----	1.73 + 0.04	.2111	----	----	----	----	1 UNCH
10000	----	----	----	----	----	0.26 + 0.01	.0404	----	----	----	----	1 UNCH
11000	----	----	----	----	----	0.17	UNCH .0269	----	----	----	----	13 UNCH
TOTAL												15
JAN21												
11000	----	----	----	----	----	0.18 + 0.01	.0281	----	----	----	----	13 UNCH
TOTAL												13
FEB21												
11000	----	----	----	----	----	0.19 + 0.01	.0293	----	----	----	----	13 UNCH
TOTAL												13
MAR21												
11000	----	----	----	----	----	0.19	UNCH .0293	----	----	----	----	12 UNCH
TOTAL												12
APR21												
11000	----	----	----	----	----	0.20	UNCH .0305	----	----	----	----	12 UNCH
TOTAL												12
MAY21												
11000	----	----	----	----	----	0.20	UNCH .0305	----	----	----	----	12 UNCH
TOTAL												12
JUN21												
11000	----	----	----	----	----	0.22 + 0.01	.0328	----	----	----	----	11 UNCH
TOTAL												11
JUL21												
11000	----	----	----	----	----	0.23 + 0.01	.0340	----	----	----	----	11 UNCH
TOTAL												11
AUG21												
11000	----	----	----	----	----	0.24 + 0.01	.0351	----	----	----	----	11 UNCH
TOTAL												11
SEP21												
11000	----	----	----	----	----	0.25 + 0.01	.0362	----	----	----	----	11 UNCH
TOTAL												11
OCT21												
11000	----	----	----	----	----	0.24 - 0.01	.0351	----	----	----	----	11 UNCH
TOTAL												11
NOV21												
11000	----	----	----	----	----	0.23	UNCH .0340	----	----	----	----	10 UNCH
TOTAL												10
DEC21												
11000	----	----	----	----	----	0.23 + 0.02	.0340	----	----	----	----	10 UNCH

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FINAL

PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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: 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 AO CALL, CRUDE OIL APO OPTIONS, and AO PUT.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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 OCT17 to JAN18 with various contract specifications and volume data.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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Table with columns: AO 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 monthly totals (TOTAL) and daily data for FEB18, MAR18, APR18, MAY18, JUN18, JUL18.

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.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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PRICE INDICATOR KEY

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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 NOV19 and various contract specifications.

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PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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	
CRUDE OIL APO OPTIONS													
AO PUT													
DEC19													
3000	----	----	----	----	----	0.64 + 0.01	.0621	----	----	----	----	1	UNCH
3500	----	----	----	----	----	1.42 + 0.01	.1220	----	----	----	----	90	UNCH
3800	----	----	----	----	----	2.10 + 0.02	.1683	----	----	----	----	5	UNCH
4000	----	----	----	----	----	2.63 + 0.03	.2025	----	----	----	----	76	UNCH
4100	----	----	----	----	----	2.92 + 0.02	.2206	----	----	----	----	9	UNCH
4300	----	----	----	----	----	3.55 + 0.02	.2588	----	----	----	----	15	UNCH
4500	----	----	----	----	----	4.26 + 0.02	.2996	----	----	----	----	170	UNCH
4810	----	----	----	----	----	5.49 + 0.03	.3671	----	----	----	----	31	UNCH
5000	----	----	----	----	----	6.31 + 0.02	.4111	----	----	----	----	210	UNCH
5400	----	----	----	----	----	8.27 + 0.03	.5073	----	----	----	----	20	UNCH
5500	----	----	----	----	----	8.80 + 0.02	.5318	----	----	----	----	30	UNCH
TOTAL												657	
JAN20													
3000	----	----	----	----	----	0.68 + 0.02	.0644	----	----	----	----	1	UNCH
3800	----	----	----	----	----	2.16 + 0.02	.1703	----	----	----	----	5	UNCH
TOTAL												6	
FEB20													
3000	----	----	----	----	----	0.71 + 0.02	.0661	----	----	----	----	1	UNCH
3800	----	----	----	----	----	2.23 + 0.03	.1724	----	----	----	----	5	UNCH
TOTAL												6	
MAR20													
3000	----	----	----	----	----	0.74 + 0.01	.0677	----	----	----	----	1	UNCH
3800	----	----	----	----	----	2.27 + 0.02	.1736	----	----	----	----	5	UNCH
TOTAL												6	
APR20													
3000	----	----	----	----	----	0.77 + 0.01	.0692	----	----	----	----	1	UNCH
3800	----	----	----	----	----	2.33 + 0.02	.1752	----	----	----	----	5	UNCH
TOTAL												6	
MAY20													
3000	----	----	----	----	----	0.80 + 0.01	.0707	----	----	----	----	1	UNCH
3800	----	----	----	----	----	2.39 + 0.02	.1768	----	----	----	----	5	UNCH
TOTAL												6	
JUN20													
3000	----	----	----	----	----	0.84 + 0.01	.0727	----	----	----	----	1	UNCH
3800	----	----	----	----	----	2.46 + 0.02	.1788	----	----	----	----	5	UNCH
TOTAL												6	
JUL20													
3000	----	----	----	----	----	0.88 + 0.01	.0747	----	----	----	----	1	UNCH
TOTAL												1	
AUG20													
3000	----	----	----	----	----	0.91 + 0.01	.0760	----	----	----	----	1	UNCH
TOTAL												1	
SEP20													
3000	----	----	----	----	----	0.93	UNCH	.0769	----	----	----	1	UNCH
TOTAL												1	
OCT20													
3000	----	----	----	----	----	0.95	UNCH	.0776	----	----	----	1	UNCH
TOTAL												1	
NOV20													
3000	----	----	----	----	----	0.98	UNCH	.0789	----	----	----	1	UNCH
TOTAL												1	
DEC20													
3000	----	----	----	----	----	1.02 + 0.02	.0806	----	----	----	----	1	UNCH
TOTAL												1	
CRUDE OIL OPTIONS													
L01 CALL													
OCT17													
4800	----	----	2.82B/2.64A	2.82B/2.64A	----	2.84 + 0.05	.8715	----	----	----	----	1	UNCH
4900	----	----	2.01B/1.83A	2.01B/1.83A	----	2.01 + 0.02	.7694	----	----	----	----	4	UNCH
4950	----	----	1.66B/1.48A	1.66B/1.48A	----	1.64 + 0.01	.7010	----	----	----	----	1	UNCH
5000	1.19	1.19	1.33B/1.18A	1.33B/1.18A	----	1.30 - 0.01	.6234	----	----	1	----	21 +	4
5050	1.02	1.02	1.05B/0.91A	1.05B/0.91A	----	1.02 - 0.02	.5370	----	----	7	----	10 +	1
5100	----	----	----/0.69A	----/0.69A	----	0.79 - 0.02	.4502	----	----	----	----	2	UNCH
5150	----	----	----/0.52A	----/0.52A	----	0.60 - 0.02	.3678	----	----	----	----	10	UNCH
5200	0.45	0.45	#0.45/*0.39A	#0.45/*0.39A	----	0.44	NEW	.2911	----	1	----	1 +	1
5300	----	----	----/0.24A	----/0.24A	----	0.24 - 0.03	.1741	----	----	----	----	8	UNCH
5350	0.16	0.16	#0.16/*0.16	#0.16/*0.16	----	0.18	NEW	.1337	----	9	----	9 +	9
5400	----	----	----	----	----	0.13 - 0.02	.0997	----	----	----	----	16	UNCH
5450	----	----	----	----	----	0.10 - 0.01	.0769	----	----	----	----	3	UNCH
5600	----	----	----	----	----	0.04 - 0.01	.0317	----	----	----	----	2	UNCH
5650	----	----	----	----	----	0.03 - 0.01	.0238	----	----	----	----	4	UNCH
TOTAL										18		92 +	15
CRUDE OIL OPTIONS													
L01 PUT													
OCT17													
4350	----	----	----	----	----	0.01	UNCH	.0024	----	----	----	15	UNCH
4450	----	----	----	----	----	0.01 - 0.01	.0081	----	----	----	----	15	UNCH
4600	----	----	----	----	----	0.04 - 0.03	.0312	----	----	----	----	2	UNCH
4650	----	----	----	----	----	0.06 - 0.03	.0460	----	----	----	----	3	UNCH
4700	----	----	----/*0.11A	----/*0.11A	----	0.09 - 0.04	.0672	----	----	----	----	5	UNCH
4750	0.12	0.12	0.14B/*0.12	0.14B/*0.12	----	0.13 - 0.05	.0946	----	----	2	----	16	UNCH
4800	0.21	0.21	0.25B/*0.20A	0.25B/*0.20A	----	0.18 - 0.06	.1284	----	----	12	----	13 +	8
4850	0.26	0.26	0.34B/*0.26	0.34B/*0.26	----	0.26 - 0.07	.1764	----	----	1	----	10 -	1
4950	0.50	0.50	0.62B/*0.50	0.62B/*0.50	----	0.48 - 0.10	.2989	----	----	1	----	0 -	1
5000	0.72	0.72	0.81B/*0.67A	0.81B/*0.67A	----	0.64 - 0.12	.3765	----	----	1	----	20	UNCH
5050	0.93	0.93	1.05B/0.87	1.05B/0.87	----	0.86 - 0.13	.4629	----	----	23	----	26 +	22
TOTAL										40		125 +	28
CRUDE OIL OPTIONS													
L02 CALL													
OCT17													
4950	----	----	1.86B/1.69A	1.86B/1.69A	----	1.85 + 0.01	.6664	----	----	----	----	1	UNCH
5050	1.15	1.15	#1.23B/*1.15	#1.23B/*1.15	----	1.25	NEW	.5335	----	1	----	1 +	1
5150	0.80	0.80	#0.81B/*0.73A	#0.81B/*0.73A	----	0.80	NEW	.3957	----	1	----	1 +	1
5300	----	----	----/*0.36A	----/*0.36A	----	0.38 - 0.03	.2224	----	----	----	----	0	UNCH
5400	----	----	----/0.25A	----/0.25A	----	0.23 - 0.03	.1442	----	----	----	----	0	UNCH
5500	----	----	----	----	----	0.14 - 0.02	.0919	----	----	----	----	5	UNCH
5800	----	----	----	----	----	0.03 - 0.01	.0213	----	----	----	----	5	UNCH
TOTAL										2		13 +	2
CRUDE OIL OPTIONS													
L02 PUT													
OCT17													
4450	----	----	----	----	----	0.04 - 0.02	.0260	----	----	----	----	13	UNCH
4500	----	----	----	----	----	0.05 - 0.02	.0329	----	----	----	----	14	UNCH
4600	----	----	----/0.12A	----/0.12A	----	0.09 - 0.04	.0581	----	----	1	----	2	UNCH
4700	0.20	0.20	0.20/0.20	0.20/0.20	----	0.17 - 0.06	.1036	----	----	1	----	3 +	1
4800	----	----	----/0.33A	----/0.33A	----	0.31 - 0.08	.1747	----	----	----	----	4	UNCH
4850													



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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.

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											
SEP17											
4650	----	4.15B/3.88A	4.15B/3.88A	----	4.16 + 0.11	1.0000	1	----	----	----	0 - 1
4700	----	3.65B/3.39A	3.65B/3.39A	----	3.66 + 0.11	1.0000	17	----	----	----	0 - 17
4750	----	3.15B/2.89A	3.15B/2.89A	----	3.16 + 0.11	1.0000	42	----	----	----	0 - 42
4800	----	2.65B/2.39A	2.65B/2.39A	----	2.66 + 0.11	1.0000	26	----	----	----	0 - 26
4850	----	2.15B/1.89A	2.15B/1.89A	----	2.16 + 0.10	1.0000	137	----	----	----	0 - 137
4900	1.53	1.65/1.40A	1.65/1.40A	----	1.66 + 0.09	1.0000	85	----	6	----	0 - 87
4950	1.06	1.15B/0.90	1.15B/0.90	----	1.16 + 0.07	1.0000	141	----	6	----	0 - 144
5000	0.54	0.65/0.44A	0.65/0.44A	----	0.66 UNCH	1.0000	182	----	8	----	0 - 188
5050	0.30	0.30/*0.03	0.30/*0.03	----	0.16 - 0.17	1.0000	764	----	913	----	0 - 179
5100	0.07	0.07/*0.01	0.07/*0.01	----	0.00 - 0.15	----	----	----	133	----	0 - 497
5150	0.03	0.03/*0.01	0.03/*0.01	----	0.00 - 0.06	----	----	----	22	----	0 - 274
5200	0.01	0.02/0.01	0.02/0.01	----	0.00 - 0.02	----	----	----	52	----	0 - 404
5250	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 667
5300	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 248
5350	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 338
5400	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 166
5450	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 43
5500	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 20
5550	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 12
5600	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 3
5650	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 1
5700	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 36
5750	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 2
5800	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 1
5850	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 3
6000	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 1
TOTAL									1140		0 - 3537
LO4 PUT CRUDE OIL OPTIONS											
SEP17											
4100	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 1
4200	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 5
4250	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 3
4300	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 43
4350	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 77
4400	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 87
4450	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 127
4500	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 150
4550	----	----	----	----	0.00 - 0.01	----	----	----	6	----	0 - 94
4600	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 173
4650	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 98
4700	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 311
4750	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 251
4800	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 292
4850	----	----	----	----	0.00 - 0.01	----	----	----	----	----	0 - 410
4900	0.01	0.01	0.01/0.01	0.01/0.01	0.00 - 0.02	----	----	----	19	----	0 - 130
4950	0.02	0.02	0.02/*0.01	0.02/*0.01	0.00 - 0.04	----	----	----	125	----	0 - 474
5000	0.12	0.12	0.12/*0.01	0.12/*0.01	0.00 - 0.11	----	----	----	841	----	0 - 326
5050	0.25	0.25	0.32/*0.01	0.32/*0.01	0.00 - 0.28	----	----	----	815	----	0 - 123
5100	0.40	0.40	0.40/*0.35	0.40/*0.35	0.34 - 0.25	1.0000	15	----	7	----	0 - 19
TOTAL									1807		0 - 3194
LO5 CALL CRUDE OIL OPTIONS											
SEP17											
4800	----	2.72B/2.51A	2.72B/2.51A	----	2.72 + 0.07	.9416	----	----	----	----	23 UNCH
4850	2.29	2.29/2.06A	2.29/2.06A	----	2.26 + 0.06	.9037	----	1	----	----	1 - 1
4900	----	1.81B/1.65A	1.81B/1.65A	----	1.82 + 0.04	.8489	----	----	----	----	1 UNCH
4950	----	1.40B/1.23A	1.40B/1.23A	----	1.41 + 0.02	.7720	----	----	----	----	3 UNCH
5000	1.06	1.07B/0.90A	1.07B/0.90A	----	1.05 - 0.01	.6687	----	4	----	----	106 - 1
5050	0.70	0.81B/0.62A	0.81B/0.62A	----	0.75 - 0.02	.5468	----	22	----	----	89 + 9
5100	0.55	0.57/0.39	0.57/0.39	----	0.52 - 0.03	.4212	----	25	----	----	99 + 17
5150	0.33	0.37B/0.27A	0.37B/0.27A	----	0.35 - 0.04	.3074	----	14	----	----	57 - 2
5200	0.21	0.22B/0.17	0.22B/0.17	----	0.22 - 0.04	.2095	----	54	----	----	200 + 52
5250	0.14	0.15B/*0.11	0.15B/*0.11	----	0.14 - 0.04	.1386	----	86	----	----	251 + 75
5300	0.09	0.10B/*0.07	0.10B/*0.07	----	0.09 - 0.03	.0903	----	87	----	----	421 + 33
5350	0.05	0.05/*0.05	0.05/*0.05	----	0.06 - 0.02	.0596	----	2	----	----	176 UNCH
5400	0.05	0.05/0.04	0.05/0.04	----	0.04 - 0.01	.0390	----	64	----	----	87 + 47
5450	----	---/0.03A	---/0.03A	----	0.03 - 0.01	.0280	----	----	----	----	164 UNCH
5500	0.02	0.02/*0.02	0.02/*0.02	----	0.02 - 0.01	.0182	----	2	----	----	131 + 2
5550	----	----	----	----	0.01 - 0.01	.0092	----	6	----	----	26 + 2
5600	0.01	0.01/0.01	0.01/0.01	----	0.01 UNCH	.0048	----	16	----	----	42 + 16
5650	0.01	0.01/*0.01	0.01/*0.01	----	0.01 UNCH	.0024	----	50	----	----	51 + 50
5700	0.01	#0.01/*0.01	#0.01/*0.01	----	0.01 NEW	.0011	----	259	----	----	259 + 259
5750	0.01	#0.01/*0.01	#0.01/*0.01	----	0.01 NEW	.0005	----	20	----	----	20 + 20
TOTAL									712		2207 + 578
LO5 PUT CRUDE OIL OPTIONS											
SEP17											
4300	----	----	----	----	0.01 UNCH	.0001	----	----	----	----	13 UNCH
4350	----	----	----	----	0.01 UNCH	.0003	----	----	----	----	26 UNCH
4400	----	----	----	----	0.01 UNCH	.0007	----	----	----	----	39 UNCH
4450	----	----	----	----	0.01 UNCH	.0017	----	----	----	----	7 UNCH
4500	----	----	----	----	0.01 UNCH	.0038	----	----	----	----	8 UNCH
4550	----	----	----	----	0.01 UNCH	.0078	----	----	----	----	171 UNCH
4600	----	----	----	----	0.02 UNCH	.0155	----	----	----	----	77 UNCH
4650	0.03	0.03/*0.02	0.03/*0.02	----	0.02 - 0.01	.0171	----	21	----	----	71 + 9
4700	0.04	0.04/*0.03	0.04/*0.03	----	0.03 - 0.01	.0266	----	3	----	----	160 + 3
4750	----	---/*0.05A	---/*0.05A	----	0.04 - 0.03	.0377	----	----	----	----	89 UNCH
4800	0.09	0.10B/*0.07	0.10B/*0.07	----	0.06 - 0.04	.0583	----	26	----	----	174 + 22
4850	0.14	0.16B/*0.10	0.16B/*0.10	----	0.10 - 0.05	.0962	----	103	----	----	252 + 99
4900	0.21	0.25B/*0.15	0.25B/*0.15	----	0.16 - 0.07	.1510	----	210	----	----	183 + 27
4950	0.25	0.38B/0.25	0.38B/0.25	----	0.25 - 0.09	.2279	----	53	----	----	206 + 49
5000	0.50	0.57B/0.39	0.57B/0.39	----	0.39 - 0.12	.3312	----	94	----	----	127 + 31
5050	0.67	0.79B/0.59A	0.79B/0.59A	----	0.59 - 0.13	.4531	----	17	----	----	25 + 3
5100	----	1.07B/0.84A	1.07B/0.84A	----	0.86 - 0.14	.5787	----	----	----	----	3 UNCH
5150	1.18	1.42B/*1.17A	1.42B/*1.17A	----	1.18 - 0.16	.6925	----	1	----	----	3 + 1
TOTAL									528		1634 + 244
CPF CALL CSX COAL OPT ON QTRLY FUT STRP											
JAN18											
6000	----	----	----	----	0.98 - 0.01	.3354	----	----	----	----	10 UNCH
TOTAL											10
APR18											
6000	----	----	----	----	1.43 UNCH	.3501	----	----	----	----	10 UNCH
TOTAL											10
JUL18											
6000	----	----	----	----	1.65 - 0.01	.3509	----	----	----	----	10 UNCH
TOTAL											10
OCT18											
6000	----	----	----	----	1.87 -						



FINAL

PG63 BULLETIN #183@

ENERGY OPTIONS

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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
AH CALL DUBAI CRUDE OIL (PLATTS) APO											
TOTAL											25
JUN18	5300	----	----	----	4.935 + 0.070	.5737	----	----	----	----	25 UNCH
TOTAL											25
AH PUT DUBAI CRUDE OIL (PLATTS) APO											
APR18	3565	----	----	----	0.037 - 0.002	.0100	----	----	----	----	25 UNCH
TOTAL											25
MAY18	3565	----	----	----	0.060 - 0.003	.0145	----	----	----	----	25 UNCH
TOTAL											25
JUN18	3565	----	----	----	0.090 - 0.004	.0197	----	----	----	----	25 UNCH
TOTAL											25
LB CALL EURO HEATING OIL											
OCT17	17000	----	----	----	0.1165 + 0.0006	.9947	----	----	----	----	50 UNCH
TOTAL											50
NOV17	17000	----	----	----	0.1203 - 0.0011	.8311	----	----	----	----	50 UNCH
TOTAL											50
DEC17	15500	----	----	----	0.2561 + 0.0019	.9391	----	----	----	----	1 UNCH
16400	----	----	----	----	0.1748 + 0.0017	.8518	----	----	----	----	2 UNCH
17000	----	----	----	----	0.1267 + 0.0010	.7519	----	----	----	----	50 UNCH
TOTAL											53
JAN18	16400	----	----	----	0.1832 + 0.0020	.7859	----	----	----	----	2 UNCH
17000	----	----	----	----	0.1390 + 0.0016	.6957	----	----	----	----	50 UNCH
20500	----	----	----	----	0.0119 UNCH	.1246	----	----	----	----	50 UNCH
TOTAL											102
FEB18	15500	----	----	----	0.2549 + 0.0025	.8514	----	----	----	----	1 UNCH
16400	----	----	----	----	0.1847 + 0.0019	.7472	----	----	----	----	2 UNCH
17000	----	----	----	----	0.1435 + 0.0011	.6616	----	----	----	----	50 UNCH
20500	----	----	----	----	0.0171 UNCH	.1514	----	----	----	----	50 UNCH
TOTAL											103
MAR18	16400	----	----	----	0.1855 + 0.0023	.7065	----	----	----	----	2 UNCH
17000	----	----	----	----	0.1464 + 0.0020	.6276	----	----	----	----	50 UNCH
20500	----	----	----	----	0.0205 + 0.0003	.1636	----	----	----	----	50 UNCH
TOTAL											102
APR18	16400	----	----	----	0.1752 + 0.0020	.6714	----	----	----	----	2 UNCH
TOTAL											2
LB PUT EURO HEATING OIL											
OCT17	11500	----	----	----	0.0001 UNCH	----	----	----	----	----	7 UNCH
17000	----	----	----	----	0.0002 - 0.0004	.0052	----	----	----	----	25 UNCH
TOTAL											32
NOV17	11500	----	----	----	0.0001 UNCH	----	----	----	----	----	7 UNCH
TOTAL											7
DEC17	11500	----	----	----	0.0003 UNCH	.0029	----	----	----	----	7 UNCH
15200	----	----	----	----	0.0043 - 0.0003	.0497	----	----	----	----	2 UNCH
TOTAL											9
JAN18	15200	----	----	----	0.0111 - 0.0007	.0931	----	----	----	----	2 UNCH
TOTAL											2
FEB18	15200	----	----	----	0.0179 - 0.0012	.1254	----	----	----	----	2 UNCH
TOTAL											2
MAR18	15200	----	----	----	0.0300 - 0.0010	.1685	----	----	----	----	2 UNCH
TOTAL											2
APR18	15200	----	----	----	0.0377 - 0.0013	.1967	----	----	----	----	2 UNCH
TOTAL											2
GVR CALL GULF COAST JET FUEL(PLATTS)APO											
SEP17	12800	----	----	----	0.4618 - 0.0026	1.0000	----	----	----	----	14 UNCH
13900	----	----	----	----	0.3518 - 0.0026	1.0000	----	----	----	----	20 UNCH
14000	----	----	----	----	0.3418 - 0.0026	1.0000	----	----	----	----	10 UNCH
14300	----	----	----	----	0.3118 - 0.0026	1.0000	----	----	----	----	15 UNCH
15100	----	----	----	----	0.2318 - 0.0026	1.0000	----	----	----	----	15 UNCH
TOTAL											74
OCT17	12800	----	----	----	0.3956 - 0.0038	.9997	----	----	----	----	14 UNCH
13900	----	----	----	----	0.2858 - 0.0038	.9952	----	----	----	----	20 UNCH
14000	----	----	----	----	0.2759 - 0.0038	.9942	----	----	----	----	10 UNCH
14300	----	----	----	----	0.2461 - 0.0038	.9899	----	----	----	----	15 UNCH
14800	----	----	----	----	0.1972 - 0.0039	.9753	----	----	----	----	55 UNCH
15000	----	----	----	----	0.1781 - 0.0039	.9586	----	----	----	----	15 UNCH
15100	----	----	----	----	0.1687 - 0.0039	.9480	----	----	----	----	15 UNCH
17000	----	----	----	----	0.0346 - 0.0027	.4292	----	----	----	----	100 UNCH
17500	----	----	----	----	0.0184 - 0.0020	.2704	----	----	----	----	50 UNCH
22500	----	----	----	----	0.0001 UNCH	.0018	----	----	----	----	50 UNCH
TOTAL											344
NOV17	12800	----	----	----	0.3704 - 0.0028	.9967	----	----	----	----	14 UNCH
13900	----	----	----	----	0.2631 - 0.0029	.9681	----	----	----	----	20 UNCH
14000	----	----	----	----	0.2537 - 0.0028	.9607	----	----	----	----	10 UNCH
14300	----	----	----	----	0.2258 - 0.0029	.9360	----	----	----	----	15 UNCH
14800	----	----	----	----	0.1817 - 0.0028	.8760	----	----	----	----	55 UNCH
15000	----	----	----	----	0.1651 - 0.0027	.8453	----	----	----	----	15 UNCH
15100	----	----	----	----	0.1570 - 0.0028	.8288	----	----	----	----	15 UNCH
17500	----	----	----	----	0.0299 - 0.0014	.2973	----	----	----	----	50 UNCH
22500	----	----	----	----	0.0001 UNCH	.0018	----	----	----	----	50 UNCH
TOTAL											244
DEC17	12800	----	----	----	0.3473 - 0.0041	.9916	----	----	----	----	14 UNCH
13900	----	----	----	----	0.2445 - 0.0040	.9177	----	----	----	----	20 UNCH



PG63 BULLETIN #183@

ENERGY OPTIONS

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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
GVR CALL GULF COAST JET FUEL(PLATTS)APO											
DEC17											
14000	----	----	----	----	0.2357 - 0.0039	.9074	----	----	----	----	10 UNCH
14300	----	----	----	----	0.2100 - 0.0038	.8726	----	----	----	----	15 UNCH
14800	----	----	----	----	0.1700 - 0.0036	.8014	----	----	----	----	55 UNCH
15000	----	----	----	----	0.1551 - 0.0036	.7687	----	----	----	----	15 UNCH
15100	----	----	----	----	0.1480 - 0.0034	.7512	----	----	----	----	15 UNCH
17500	----	----	----	----	0.0347 - 0.0016	.2941	----	----	----	----	50 UNCH
22500	----	----	----	----	0.0003 UNCH	.0047	----	----	----	----	50 UNCH
TOTAL											244
JAN18											
12700	----	----	----	----	0.3574 - 0.0059	.9817	----	----	----	----	50 UNCH
13600	----	----	----	----	0.2745 - 0.0056	.9196	----	----	----	----	25 UNCH
14500	----	----	----	----	0.1997 - 0.0051	.8178	----	----	----	----	25 UNCH
15000	----	----	----	----	0.1630 - 0.0048	.7444	----	----	----	----	15 UNCH
15300	----	----	----	----	0.1430 - 0.0046	.6956	----	----	----	----	15 UNCH
TOTAL											130
FEB18											
12700	----	----	----	----	0.3561 - 0.0080	.9634	----	----	----	----	50 UNCH
13600	----	----	----	----	0.2759 - 0.0076	.8938	----	----	----	----	25 UNCH
14500	----	----	----	----	0.2043 - 0.0069	.7913	----	----	----	----	25 UNCH
15000	----	----	----	----	0.1693 - 0.0064	.7216	----	----	----	----	15 UNCH
15300	----	----	----	----	0.1502 - 0.0060	.6765	----	----	----	----	15 UNCH
TOTAL											130
MAR18											
12700	----	----	----	----	0.3482 - 0.0102	.9424	----	----	----	----	50 UNCH
13600	----	----	----	----	0.2710 - 0.0095	.8658	----	----	----	----	25 UNCH
14500	----	----	----	----	0.2029 - 0.0085	.7618	----	----	----	----	25 UNCH
15000	----	----	----	----	0.1698 - 0.0078	.6946	----	----	----	----	15 UNCH
15300	----	----	----	----	0.1516 - 0.0074	.6522	----	----	----	----	15 UNCH
TOTAL											130
APR18											
12700	----	----	----	----	0.3536 - 0.0006	.9282	----	----	----	----	50 UNCH
13600	----	----	----	----	0.2785 - 0.0006	.8506	----	----	----	----	25 UNCH
14500	----	----	----	----	0.2122 - 0.0006	.7509	----	----	----	----	25 UNCH
15000	----	----	----	----	0.1799 - 0.0006	.6881	----	----	----	----	15 UNCH
15300	----	----	----	----	0.1621 - 0.0006	.6489	----	----	----	----	15 UNCH
17500	----	----	----	----	0.0679 - 0.0004	.3651	----	----	----	----	75 UNCH
TOTAL											205
MAY18											
12700	----	----	----	----	0.3482 - 0.0005	.9099	----	----	----	----	50 UNCH
13600	----	----	----	----	0.2756 - 0.0005	.8296	----	----	----	----	25 UNCH
14500	----	----	----	----	0.2119 - 0.0005	.7309	----	----	----	----	25 UNCH
15000	----	----	----	----	0.1809 - 0.0005	.6704	----	----	----	----	15 UNCH
15300	----	----	----	----	0.1638 - 0.0005	.6331	----	----	----	----	15 UNCH
17500	----	----	----	----	0.0722 - 0.0004	.3671	----	----	----	----	75 UNCH
TOTAL											205
JUN18											
12700	----	----	----	----	0.3494 - 0.0008	.8966	----	----	----	----	50 UNCH
13600	----	----	----	----	0.2786 - 0.0008	.8163	----	----	----	----	25 UNCH
14500	----	----	----	----	0.2167 - 0.0007	.7204	----	----	----	----	25 UNCH
15000	----	----	----	----	0.1864 - 0.0007	.6627	----	----	----	----	15 UNCH
15300	----	----	----	----	0.1697 - 0.0007	.6273	----	----	----	----	15 UNCH
17500	----	----	----	----	0.0789 - 0.0005	.3766	----	----	----	----	75 UNCH
TOTAL											205
JUL18											
15000	----	----	----	----	0.1969 - 0.0009	.6646	----	----	----	----	15 UNCH
21000	----	----	----	----	0.0232 - 0.0003	.1389	----	----	----	----	25 UNCH
TOTAL											40
AUG18											
15000	----	----	----	----	0.2053 - 0.0014	.6642	----	----	----	----	15 UNCH
21000	----	----	----	----	0.0279 - 0.0004	.1555	----	----	----	----	25 UNCH
TOTAL											40
SEP18											
15000	----	----	----	----	0.2143 - 0.0017	.6649	----	----	----	----	15 UNCH
21000	----	----	----	----	0.0330 - 0.0005	.1721	----	----	----	----	25 UNCH
TOTAL											40
OCT18											
15000	----	----	----	----	0.2162 - 0.0049	.6576	----	----	----	----	15 UNCH
21000	----	----	----	----	0.0361 - 0.0014	.1804	----	----	----	----	25 UNCH
TOTAL											40
NOV18											
15000	----	----	----	----	0.2117 - 0.0048	.6524	----	----	----	----	15 UNCH
21000	----	----	----	----	0.0346 - 0.0014	.1754	----	----	----	----	25 UNCH
TOTAL											40
DEC18											
15000	----	----	----	----	0.2131 - 0.0048	.6452	----	----	----	----	15 UNCH
21000	----	----	----	----	0.0374 - 0.0015	.1826	----	----	----	----	25 UNCH
TOTAL											40
GVR PUT GULF COAST JET FUEL(PLATTS)APO											
OCT17											
13500	----	----	----	----	0.0001 UNCH	.0022	----	----	----	----	100 UNCH
TOTAL											100
AT CALL HEATING OIL APO (AVG PRICE) OPTIONS											
SEP17											
12900	----	----	----	----	0.4952 + 0.0002	1.0000	----	----	----	----	5 UNCH
13000	----	----	----	----	0.4852 + 0.0002	1.0000	----	----	----	----	10 UNCH
14000	----	----	----	----	0.3853 + 0.0003	1.0000	----	----	----	----	30 UNCH
14700	----	----	----	----	0.3153 + 0.0003	1.0000	----	----	----	----	1 UNCH
14800	----	----	----	----	0.3053 + 0.0003	1.0000	----	----	----	----	12 UNCH
14900	----	----	----	----	0.2953 + 0.0003	1.0000	----	----	----	----	1 UNCH
15000	----	----	----	----	0.2853 + 0.0003	1.0000	----	----	----	----	21 UNCH
15100	----	----	----	----	0.2753 + 0.0003	1.0000	----	----	----	----	63 UNCH
15200	----	----	----	----	0.2653 + 0.0003	1.0000	----	----	----	----	8 UNCH
15400	----	----	----	----	0.2453 + 0.0003	1.0000	----	----	----	----	10 UNCH
15500	----	----	----	----	0.2353 + 0.0003	1.0000	----	----	----	----	10 UNCH
15800	----	----	----	----	0.2054 + 0.0004	1.0000	----	----	----	----	10 UNCH
15900	----	----	----	----	0.1954 + 0.0003	1.0000	----	----	----	----	55 UNCH
16000	----	----	----	----	0.1854 + 0.0003	1.0000	----	----	----	----	16 UNCH
16100	----	----	----	----	0.1754 + 0.0003	1.0000	----	----	----	----	31 UNCH
16500	----	----	----	----	0.1354 + 0.0003	1.0000	----	----	----	----	80 UNCH
16600	----	----	----	----	0.1254 + 0.0003	1.0000	----	----	----	----	1 UNCH
16700	----	----	----	----	0.1154 + 0.0003	1.0000	----	----	----	----	1 UNCH
16800	----	----	----	----	0.1054 + 0.0003	1.0000	----	----	----	----	1 UNCH
16900	----	----	----	----	0.0954 + 0.0003	1.0000	----	----	----	----	2 UNCH
17000	----	----	----	----	0.0854 + 0.0003	1.0000	----	----	----	----	272 UNCH
17100	----	----	----	----	0.0754 + 0.0003	1.0000	----	----	----	----	101 UNCH
17200	----	----	----	----	0.0654 + 0.0003	.9999	----	----	----	----	100 UNCH
17300	----	----	----	----	0.0554 + 0.0003	.9998	----	----	----	----	2 UNCH
17400	----	----	----	----	0.0454 + 0.0003	.9983	----	----	----	----	50 UNCH
17500	----	----	----	----	0.0354 + 0.0003	.9886	----	----	----	----	80 UNCH
17600	----	----	----	----	0.0254 + 0.0002	.9848	----	----	----	----	12 UNCH
17800	----	----	----	----	0.0075 + 0.0006	.6995	----	----	----	----	20 UNCH
17900	----	----	----	----	0.0023 - 0.0008	.3192	----	----	----	----	11 UNCH



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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.

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 AT CALL SEP17, OCT17, NOV17, DEC17 with various contract specifications and prices.



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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 like DEC17, JAN18, FEB18, MAR18 and various price points.



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ENERGY OPTIONS

Fri, Sep 22, 2017 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 contract months (MAR18, APR18, MAY18, JUN18, JUL18, AUG18) and various energy options with their respective prices and volumes.



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ENERGY OPTIONS

Fri, Sep 22, 2017 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 AT CALL AUG18, SEP18, OCT18, NOV18, DEC18, AT PUT SEP17, OCT17, NOV17, DEC17.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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 DEC17 to DEC18 with various price and volume data.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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	
E7 CALL HENRY HUB FINANCIAL LAST DAY 0													
OCT17													
275	----	----	----	----	----	0.2104 + 0.0117	.9798	----	----	----	----	10	UNCH
300	----	----	----	----	----	0.0249 - 0.0005	.3417	----	----	----	----	15	UNCH
310	----	----	----	----	----	0.0064 - 0.0013	.0954	----	----	----	----	3	UNCH
315	----	----	----	----	----	0.0032 - 0.0010	.0463	----	----	----	----	2	UNCH
320	----	----	----	----	----	0.0017 - 0.0006	.0230	----	----	----	----	1	UNCH
325	----	----	----	----	----	0.0009 - 0.0004	.0113	----	----	----	----	65	UNCH
335	----	----	----	----	----	0.0002 - 0.0003	.0021	----	----	----	----	17	UNCH
345	----	----	----	----	----	0.0001 UNCH	.0008	----	----	----	----	7	UNCH
350	----	----	----	----	----	0.0001 UNCH	.0003	----	----	----	----	88	UNCH
355	----	----	----	----	----	0.0001 UNCH	.0001	----	----	----	----	2	UNCH
360	----	----	----	----	----	0.0001 UNCH	.0000	----	----	----	----	7	UNCH
365	----	----	----	----	----	0.0001 UNCH	.0000	----	----	----	----	47	UNCH
370	----	----	----	----	----	0.0001 UNCH	----	----	----	----	----	93	UNCH
375	----	----	----	----	----	0.0001 UNCH	----	----	----	----	----	9	UNCH
380	----	----	----	----	----	0.0001 UNCH	----	----	----	----	----	33	UNCH
395	----	----	----	----	----	0.0001 UNCH	----	----	----	----	----	4	UNCH
420	----	----	----	----	----	0.0001 UNCH	----	----	----	----	----	4	UNCH
500	----	----	----	----	----	0.0001 UNCH	----	----	----	----	----	29	UNCH
TOTAL												435	
NOV17													
275	----	----	----	----	----	0.2991 + 0.0098	.8375	----	----	----	----	3	UNCH
300	----	----	----	----	----	0.1346 + 0.0042	.5475	----	----	----	----	14	UNCH
310	----	----	----	----	----	0.0915 + 0.0026	.4207	----	----	----	----	3	UNCH
315	----	----	----	----	----	0.0745 + 0.0020	.3619	----	----	----	----	2	UNCH
320	----	----	----	----	----	0.0602 + 0.0016	.3078	----	----	----	----	1	UNCH
325	----	----	----	----	----	0.0482 + 0.0012	.2586	----	----	----	----	17	UNCH
335	----	----	----	----	----	0.0303 + 0.0007	.1772	----	----	----	----	17	UNCH
345	----	----	----	----	----	0.0185 + 0.0004	.1167	----	----	----	----	7	UNCH
350	----	----	----	----	----	0.0144 + 0.0003	.0938	----	----	----	----	71	UNCH
355	----	----	----	----	----	0.0111 + 0.0001	.0746	----	----	----	----	2	UNCH
360	----	----	----	----	----	0.0085 - 0.0001	.0588	----	----	----	----	7	UNCH
365	----	----	----	----	----	0.0066 - 0.0002	.0467	----	----	----	----	47	UNCH
370	----	----	----	----	----	0.0051 - 0.0003	.0369	----	----	----	----	90	UNCH
375	----	----	----	----	----	0.0040 - 0.0003	.0294	----	----	----	----	13	UNCH
380	----	----	----	----	----	0.0032 - 0.0003	.0237	----	----	----	----	32	UNCH
395	----	----	----	----	----	0.0017 - 0.0002	.0128	----	----	----	----	3	UNCH
400	----	----	----	----	----	0.0014 - 0.0002	.0106	----	----	----	----	36	UNCH
420	----	----	----	----	----	0.0007 UNCH	.0052	----	----	----	----	4	UNCH
425	----	----	----	----	----	0.0006 UNCH	.0045	----	----	----	----	5	UNCH
450	----	----	----	----	----	0.0002 UNCH	.0015	----	----	----	----	4	UNCH
470	----	----	----	----	----	0.0001 UNCH	.0007	----	----	----	----	90	UNCH
500	----	----	----	----	----	0.0001 UNCH	.0001	----	----	----	----	25	UNCH
TOTAL												493	
DEC17													
275	----	----	----	----	----	0.4628 + 0.0128	.8640	----	----	----	----	3	UNCH
300	----	----	----	----	----	0.2809 + 0.0083	.6843	----	----	----	----	22	UNCH
310	----	----	----	----	----	0.2239 + 0.0065	.5984	----	----	----	----	3	UNCH
315	----	----	----	----	----	0.1991 + 0.0059	.5548	----	----	----	----	2	UNCH
320	----	----	----	----	----	0.1763 + 0.0052	.5117	----	----	----	----	1	UNCH
325	----	----	----	----	----	0.1555 + 0.0043	.4696	----	----	----	----	14	UNCH
335	----	----	----	----	----	0.1199 + 0.0029	.3898	----	----	----	----	17	UNCH
345	----	----	----	----	----	0.0916 + 0.0022	.3180	----	----	----	----	7	UNCH
350	----	----	----	----	----	0.0797 + 0.0019	.2855	----	----	----	----	73	UNCH
355	----	----	----	----	----	0.0693 + 0.0019	.2555	----	----	----	----	2	UNCH
360	----	----	----	----	----	0.0600 + 0.0017	.2276	----	----	----	----	7	UNCH
365	----	----	----	----	----	0.0519 + 0.0015	.2022	----	----	----	----	47	UNCH
370	----	----	----	----	----	0.0448 + 0.0014	.1791	----	----	----	----	93	UNCH
375	----	----	----	----	----	0.0386 + 0.0012	.1581	----	----	----	----	15	UNCH
380	----	----	----	----	----	0.0332 + 0.0010	.1392	----	----	----	----	33	UNCH
395	----	----	----	----	----	0.0210 + 0.0006	.0938	----	----	----	----	3	UNCH
400	----	----	----	----	----	0.0180 + 0.0004	.0820	----	----	----	----	20	UNCH
420	----	----	----	----	----	0.0099 + 0.0002	.0479	----	----	----	----	4	UNCH
425	----	----	----	----	----	0.0086 + 0.0002	.0421	----	----	----	----	8	UNCH
450	----	----	----	----	----	0.0044 + 0.0001	.0224	----	----	----	----	6	UNCH
470	----	----	----	----	----	0.0027 UNCH	.0140	----	----	----	----	90	UNCH
500	----	----	----	----	----	0.0015 - 0.0001	.0078	----	----	----	----	25	UNCH
TOTAL												495	
JAN18													
275	----	----	----	----	----	0.5881 + 0.0133	.8541	----	----	----	----	1	UNCH
300	----	----	----	----	----	0.4097 + 0.0093	.7188	----	----	----	----	32	UNCH
320	----	----	----	----	----	0.2983 + 0.0063	.5942	----	----	----	----	1	UNCH
325	----	----	----	----	----	0.2747 + 0.0057	.5630	----	----	----	----	11	UNCH
330	----	----	----	----	----	0.2527 + 0.0049	.5322	----	----	----	----	6	UNCH
335	----	----	----	----	----	0.2324 + 0.0043	.5020	----	----	----	----	4	UNCH
350	----	----	----	----	----	0.1802 + 0.0032	.4171	----	----	----	----	4	UNCH
360	----	----	----	----	----	0.1514 + 0.0028	.3656	----	----	----	----	5	UNCH
375	----	----	----	----	----	0.1160 + 0.0020	.2969	----	----	----	----	14	UNCH
380	----	----	----	----	----	0.1060 + 0.0018	.2763	----	----	----	----	8	UNCH
395	----	----	----	----	----	0.0807 + 0.0011	.2213	----	----	----	----	25	UNCH
400	----	----	----	----	----	0.0736 + 0.0010	.2051	----	----	----	----	24	UNCH
425	----	----	----	----	----	0.0464 + 0.0004	.1389	----	----	----	----	10	UNCH
450	----	----	----	----	----	0.0294 + 0.0002	.0932	----	----	----	----	12	UNCH
470	----	----	----	----	----	0.0205 + 0.0002	.0676	----	----	----	----	90	UNCH
500	----	----	----	----	----	0.0121 + 0.0001	.0419	----	----	----	----	32	UNCH
TOTAL												279	
FEB18													
275	----	----	----	----	----	0.6324 + 0.0099	.8137	----	----	----	----	1	UNCH
300	----	----	----	----	----	0.4735 + 0.0063	.6949	----	----	----	----	30	UNCH
320	----	----	----	----	----	0.3729 + 0.0040	.5960	----	----	----	----	1	UNCH
325	----	----	----	----	----	0.3512 + 0.0035	.5719	----	----	----	----	8	UNCH
330	----	----	----	----	----	0.3307 + 0.0030	.5483	----	----	----	----	6	UNCH
335	----	----	----	----	----	0.3115 + 0.0026	.5252	----	----	----	----	4	UNCH
350	----	----	----	----	----	0.2606 + 0.0016	.4600	----	----	----	----	4	UNCH
360	----	----	----	----	----	0.2311 + 0.0010	.4197	----	----	----	----	5	UNCH
375	----	----	----	----	----	0.1930 + 0.0004	.3646	----	----	----	----	15	UNCH
380	----	----	----	----	----	0.1818 + 0.0002	.3476	----	----	----	----	8	UNCH
395	----	----	----	----	----	0.1521 - 0.0002	.3009	----	----	----	----	25	UNCH
400	----	----	----	----	----	0.1434 - 0.0003	.2866	----	----	----	----	29	UNCH
425	----	----	----	----	----	0.1071 - 0.0007	.2245	----	----	----	----	12	UNCH
450	----	----	----	----	----	0.0807 - 0.0009	.1759	----	----	----	----	13	UNCH
470	----	----	----	----	----	0.0648 - 0.0009	.1451	----	----	----	----	90	UNCH
500	----	----	----	----	----	0.0470 -							



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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.

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 APR18 to JUL19 with various contract specifications and volume data.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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PRICE INDICATOR KEY

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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 E7 CALL HENRY HUB FINANCIAL LAST DAY 0 and E7 PUT HENRY HUB FINANCIAL LAST DAY 0 with various contract months and prices.

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.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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	
E7 PUT HENRY HUB FINANCIAL LAST DAY 0													
NOV17						0.0392 - 0.0053	.2101	----	----	----	----	36	UNCH
280	----	----	----	----	----	0.0528 - 0.0065	.2643	----	----	----	----	1	UNCH
285	----	----	----	----	----	0.0899 - 0.0088	.3875	----	----	----	----	90	UNCH
295	----	----	----	----	----	0.1136 - 0.0098	.4524	----	----	----	----	42	UNCH
300	----	----	----	----	----	0.2034 - 0.0119	.6380	----	----	----	----	2	UNCH
315	----	----	----	----	----	0.2390 - 0.0124	.6922	----	----	----	----	5	UNCH
320	----	----	----	----	----	0.2769 - 0.0128	.7413	----	----	----	----	57	UNCH
325	----	----	----	----	----	0.4023 - 0.0135	.8571	----	----	----	----	3	UNCH
340	----	----	----	----	----	0.7322 - 0.0143	.9705	----	----	----	----	85	UNCH
375	----	----	----	----	----								
TOTAL												681	
DEC17						0.0001 UNCH	.0000	----	----	----	----	2	UNCH
150	----	----	----	----	----	0.0001 UNCH	.0006	----	----	----	----	2	UNCH
175	----	----	----	----	----	0.0081 - 0.0012	.0401	----	----	----	----	158	UNCH
200	----	----	----	----	----	0.0148 - 0.0022	.0682	----	----	----	----	32	UNCH
250	----	----	----	----	----	0.0197 - 0.0028	.0871	----	----	----	----	1	UNCH
260	----	----	----	----	----	0.0259 - 0.0035	.1096	----	----	----	----	9	UNCH
265	----	----	----	----	----	0.0337 - 0.0042	.1360	----	----	----	----	2	UNCH
270	----	----	----	----	----	0.0432 - 0.0049	.1659	----	----	----	----	164	UNCH
275	----	----	----	----	----	0.0546 - 0.0056	.1993	----	----	----	----	36	UNCH
280	----	----	----	----	----	0.0836 - 0.0075	.2747	----	----	----	----	1	UNCH
285	----	----	----	----	----	0.1013 - 0.0087	.3156	----	----	----	----	90	UNCH
295	----	----	----	----	----	0.1692 - 0.0110	.4451	----	----	----	----	42	UNCH
300	----	----	----	----	----	0.1963 - 0.0117	.4882	----	----	----	----	2	UNCH
315	----	----	----	----	----	0.2253 - 0.0127	.5303	----	----	----	----	5	UNCH
320	----	----	----	----	----	0.3244 - 0.0145	.6477	----	----	----	----	58	UNCH
325	----	----	----	----	----	0.6074 - 0.0157	.8418	----	----	----	----	3	UNCH
340	----	----	----	----	----							85	UNCH
375	----	----	----	----	----								
TOTAL												692	
JAN18						0.0001 UNCH	.0004	----	----	----	----	2	UNCH
150	----	----	----	----	----	0.0007 - 0.0002	.0033	----	----	----	----	2	UNCH
200	----	----	----	----	----	0.0100 - 0.0016	.0371	----	----	----	----	5	UNCH
240	----	----	----	----	----	0.0168 - 0.0025	.0583	----	----	----	----	1	UNCH
250	----	----	----	----	----	0.0336 - 0.0042	.1044	----	----	----	----	8	UNCH
265	----	----	----	----	----	0.0508 - 0.0056	.1458	----	----	----	----	17	UNCH
275	----	----	----	----	----	0.0739 - 0.0072	.1951	----	----	----	----	1	UNCH
285	----	----	----	----	----	0.1040 - 0.0089	.2513	----	----	----	----	90	UNCH
295	----	----	----	----	----	0.1216 - 0.0097	.2811	----	----	----	----	10	UNCH
300	----	----	----	----	----	0.2358 - 0.0133	.4369	----	----	----	----	18	UNCH
325	----	----	----	----	----	0.3244 - 0.0150	.5271	----	----	----	----	15	UNCH
340	----	----	----	----	----	0.3905 - 0.0158	.5828	----	----	----	----	10	UNCH
350	----	----	----	----	----	0.5756 - 0.0169	.7030	----	----	----	----	62	UNCH
375	----	----	----	----	----								
TOTAL												241	
FEB18						0.0001 UNCH	.0004	----	----	----	----	2	UNCH
150	----	----	----	----	----	0.0030 - 0.0006	.0105	----	----	----	----	5	UNCH
200	----	----	----	----	----	0.0237 - 0.0033	.0652	----	----	----	----	5	UNCH
240	----	----	----	----	----	0.0361 - 0.0045	.0923	----	----	----	----	1	UNCH
250	----	----	----	----	----	0.0636 - 0.0065	.1446	----	----	----	----	8	UNCH
265	----	----	----	----	----	0.0888 - 0.0080	.1862	----	----	----	----	17	UNCH
275	----	----	----	----	----	0.1203 - 0.0095	.2320	----	----	----	----	1	UNCH
285	----	----	----	----	----	0.1578 - 0.0109	.2804	----	----	----	----	90	UNCH
295	----	----	----	----	----	0.1788 - 0.0116	.3051	----	----	----	----	10	UNCH
300	----	----	----	----	----	0.3054 - 0.0144	.4280	----	----	----	----	10	UNCH
325	----	----	----	----	----	0.3971 - 0.0157	.4972	----	----	----	----	15	UNCH
340	----	----	----	----	----	0.4637 - 0.0163	.5399	----	----	----	----	10	UNCH
350	----	----	----	----	----	0.6450 - 0.0176	.6353	----	----	----	----	52	UNCH
375	----	----	----	----	----								
TOTAL												226	
MAR18						0.0003 UNCH	.0011	----	----	----	----	1	UNCH
150	----	----	----	----	----	0.0017 - 0.0002	.0056	----	----	----	----	2	UNCH
175	----	----	----	----	----	0.0068 - 0.0008	.0201	----	----	----	----	10	UNCH
200	----	----	----	----	----	0.0403 - 0.0038	.0925	----	----	----	----	5	UNCH
240	----	----	----	----	----	0.0585 - 0.0051	.1241	----	----	----	----	1	UNCH
250	----	----	----	----	----	0.0960 - 0.0070	.1802	----	----	----	----	8	UNCH
265	----	----	----	----	----	0.1286 - 0.0083	.2221	----	----	----	----	17	UNCH
275	----	----	----	----	----	0.1670 - 0.0094	.2659	----	----	----	----	1	UNCH
285	----	----	----	----	----	0.2110 - 0.0106	.3103	----	----	----	----	90	UNCH
295	----	----	----	----	----	0.2351 - 0.0111	.3325	----	----	----	----	55	UNCH
300	----	----	----	----	----	0.3757 - 0.0136	.4394	----	----	----	----	9	UNCH
325	----	----	----	----	----	0.4739 - 0.0147	.4977	----	----	----	----	15	UNCH
340	----	----	----	----	----	0.5439 - 0.0152	.5331	----	----	----	----	10	UNCH
350	----	----	----	----	----	0.7305 - 0.0163	.6123	----	----	----	----	58	UNCH
375	----	----	----	----	----								
TOTAL												282	
APR18						0.0011 - 0.0001	.0051	----	----	----	----	2	UNCH
175	----	----	----	----	----	0.0055 - 0.0004	.0225	----	----	----	----	11	UNCH
200	----	----	----	----	----	0.0206 - 0.0014	.0722	----	----	----	----	1	UNCH
225	----	----	----	----	----	0.0408 - 0.0026	.1275	----	----	----	----	5	UNCH
240	----	----	----	----	----	0.1027 - 0.0062	.2618	----	----	----	----	8	UNCH
265	----	----	----	----	----	0.1401 - 0.0082	.3268	----	----	----	----	17	UNCH
275	----	----	----	----	----	0.2667 - 0.0123	.4950	----	----	----	----	5	UNCH
300	----	----	----	----	----	0.4334 - 0.0144	.6440	----	----	----	----	30	UNCH
325	----	----	----	----	----	0.8479 - 0.0170	.8392	----	----	----	----	58	UNCH
375	----	----	----	----	----								
TOTAL												137	
MAY18						0.0013 - 0.0003	.0060	----	----	----	----	1	UNCH
175	----	----	----	----	----	0.0069 - 0.0011	.0273	----	----	----	----	13	UNCH
200	----	----	----	----	----	0.0469 - 0.0046	.1420	----	----	----	----	5	UNCH
240	----	----	----	----	----	0.1132 - 0.0083	.2810	----	----	----	----	8	UNCH
265	----	----	----	----	----	0.1517 - 0.0101	.3467	----	----	----	----	14	UNCH
275	----	----	----	----	----	0.2800 - 0.0130	.5167	----	----	----	----	5	UNCH
300	----	----	----	----	----	0.8674 - 0.0174	.8619	----	----	----	----	62	UNCH
375	----	----	----	----	----								
TOTAL												108	
JUN18						0.0080 - 0.0017	.0296	----	----	----	----	16	UNCH
200	----	----	----	----	----	0.0506 - 0.0057	.1430	----	----	----	----	5	UNCH
240	----	----	----	----	----	0.1157 - 0.0092	.2728	----	----	----	----	8	UNCH
265	----	----	----	----	----	0.1525 - 0.0109	.3341	----	----	----	----	14	UNCH
275	----	----	----	----	----	0.2732 - 0.0138	.4969	----	----	----	----	5	UNCH
300	----												

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



FINAL

PG63 BULLETIN #183@ ENERGY OPTIONS Fri, Sep 22, 2017 PG63

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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
				RANGE				VOLUME			
E7 PUT	HENRY HUB FINANCIAL LAST DAY 0										120
TOTAL											
SEP18											
200	----	----	----	----	0.0151 - 0.0024	.0453	----	----	----	----	11 UNCH
225	----	----	----	----	0.0425 - 0.0048	.1092	----	----	----	----	1 UNCH
230	----	----	----	----	0.0508 - 0.0054	.1265	----	----	----	----	4 UNCH
240	----	----	----	----	0.0710 - 0.0064	.1657	----	----	----	----	5 UNCH
265	----	----	----	----	0.1437 - 0.0098	.2853	----	----	----	----	8 UNCH
275	----	----	----	----	0.1826 - 0.0113	.3396	----	----	----	----	14 UNCH
375	----	----	----	----	0.8519 - 0.0179	.8177	----	----	----	----	73 UNCH
TOTAL											116
OCT18											
200	----	----	----	----	0.0165 - 0.0025	.0470	----	----	----	----	10 UNCH
225	----	----	----	----	0.0447 - 0.0048	.1097	----	----	----	----	1 UNCH
230	----	----	----	----	0.0531 - 0.0054	.1264	----	----	----	----	4 UNCH
240	----	----	----	----	0.0734 - 0.0064	.1640	----	----	----	----	5 UNCH
275	----	----	----	----	0.1839 - 0.0111	.3302	----	----	----	----	14 UNCH
375	----	----	----	----	0.8389 - 0.0177	.7991	----	----	----	----	64 UNCH
TOTAL											98
NOV18											
200	----	----	----	----	0.0163 - 0.0015	.0447	----	----	----	----	5 UNCH
230	----	----	----	----	0.0519 - 0.0036	.1190	----	----	----	----	4 UNCH
240	----	----	----	----	0.0712 - 0.0044	.1538	----	----	----	----	5 UNCH
275	----	----	----	----	0.1761 - 0.0081	.3088	----	----	----	----	14 UNCH
375	----	----	----	----	0.8069 - 0.0165	.7688	----	----	----	----	58 UNCH
TOTAL											86
DEC18											
200	----	----	----	----	0.0136 - 0.0017	.0356	----	----	----	----	7 UNCH
225	----	----	----	----	0.0367 - 0.0036	.0833	----	----	----	----	1 UNCH
230	----	----	----	----	0.0435 - 0.0040	.0960	----	----	----	----	4 UNCH
240	----	----	----	----	0.0597 - 0.0050	.1248	----	----	----	----	5 UNCH
275	----	----	----	----	0.1493 - 0.0089	.2571	----	----	----	----	14 UNCH
375	----	----	----	----	0.7187 - 0.0181	.7042	----	----	----	----	62 UNCH
TOTAL											93
JAN19											
200	----	----	----	----	0.0113 - 0.0006	.0294	----	----	----	----	19 UNCH
225	----	----	----	----	0.0299 - 0.0014	.0688	----	----	----	----	1 UNCH
230	----	----	----	----	0.0356 - 0.0016	.0798	----	----	----	----	4 UNCH
TOTAL											24
FEB19											
200	----	----	----	----	0.0171 - 0.0006	.0395	----	----	----	----	19 UNCH
230	----	----	----	----	0.0483 - 0.0014	.0962	----	----	----	----	4 UNCH
TOTAL											23
MAR19											
200	----	----	----	----	0.0270 - 0.0008	.0555	----	----	----	----	18 UNCH
230	----	----	----	----	0.0684 - 0.0019	.1215	----	----	----	----	4 UNCH
TOTAL											22
APR19											
200	----	----	----	----	0.0223 - 0.0011	.0676	----	----	----	----	2 UNCH
230	----	----	----	----	0.0711 - 0.0031	.1762	----	----	----	----	4 UNCH
TOTAL											6
MAY19											
200	----	----	----	----	0.0233 - 0.0012	.0717	----	----	----	----	2 UNCH
230	----	----	----	----	0.0743 - 0.0034	.1864	----	----	----	----	4 UNCH
TOTAL											6
JUN19											
200	----	----	----	----	0.0225 - 0.0013	.0685	----	----	----	----	2 UNCH
230	----	----	----	----	0.0715 - 0.0036	.1783	----	----	----	----	4 UNCH
TOTAL											6
JUL19											
200	----	----	----	----	0.0217 - 0.0012	.0655	----	----	----	----	3 UNCH
230	----	----	----	----	0.0689 - 0.0034	.1707	----	----	----	----	4 UNCH
TOTAL											7
AUG19											
200	----	----	----	----	0.0224 - 0.0012	.0664	----	----	----	----	2 UNCH
230	----	----	----	----	0.0699 - 0.0035	.1708	----	----	----	----	4 UNCH
TOTAL											6
SEP19											
230	----	----	----	----	0.0770 - 0.0035	.1809	----	----	----	----	3 UNCH
TOTAL											3
OCT19											
230	----	----	----	----	0.0798 - 0.0035	.1787	----	----	----	----	3 UNCH
TOTAL											3
NOV19											
230	----	----	----	----	0.0732 - 0.0032	.1608	----	----	----	----	3 UNCH
TOTAL											3
DEC19											
230	----	----	----	----	0.0607 - 0.0023	.1277	----	----	----	----	3 UNCH
TOTAL											3
JAN20											
230	----	----	----	----	0.0624 - 0.0013	.1184	----	----	----	----	3 UNCH
TOTAL											3
FEB20											
230	----	----	----	----	0.0789 - 0.0023	.1352	----	----	----	----	3 UNCH
TOTAL											3
MAR20											
230	----	----	----	----	0.1042 - 0.0034	.1600	----	----	----	----	3 UNCH
TOTAL											3
APR20											
230	----	----	----	----	0.1051 - 0.0051	.2206	----	----	----	----	3 UNCH
TOTAL											3
MAY20											
230	----	----	----	----	0.1059 - 0.0053	.2283	----	----	----	----	3 UNCH
TOTAL											3
JUN20											
230	----	----	----	----	0.1013 - 0.0050	.2190	----	----	----	----	3 UNCH
TOTAL											3
JUL20											
230	----	----	----	----	0.0956 - 0.0047	.2082	----	----	----	----	3 UNCH
TOTAL											3
AUG20											
230	----	----	----	----	0.0954 - 0.0046	.2057	----	----	----	----	3 UNCH
TOTAL											3
SEP20											
230	----	----	----	----	0.0990 - 0.0048	.2093	----	----	----	----	2 UNCH
TOTAL											2
OCT20											

2017 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin
CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000



FINAL

PG63 BULLETIN #183@ ENERGY OPTIONS Fri, Sep 22, 2017 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	
HENRY HUB FINANCIAL LAST DAY 0													
E7 PUT													
OCT20													
230	----	----	----	----	----	0.0988 - 0.0045	.2027	----	----	----	----	2	UNCH
TOTAL												2	
NOV20													
230	----	----	----	----	----	0.0906 - 0.0040	.1814	----	----	----	----	2	UNCH
TOTAL												2	
DEC20													
230	----	----	----	----	----	0.0752 - 0.0028	.1452	----	----	----	----	2	UNCH
TOTAL												2	
JAN21													
230	----	----	----	----	----	0.0797 - 0.0016	.1359	----	----	----	----	2	UNCH
TOTAL												2	
FEB21													
230	----	----	----	----	----	0.0995 - 0.0022	.1528	----	----	----	----	2	UNCH
TOTAL												2	
MAR21													
230	----	----	----	----	----	0.1316 - 0.0027	.1786	----	----	----	----	2	UNCH
TOTAL												2	
APR21													
230	----	----	----	----	----	0.1299 - 0.0037	.2407	----	----	----	----	2	UNCH
TOTAL												2	
MAY21													
230	----	----	----	----	----	0.1262 - 0.0040	.2457	----	----	----	----	2	UNCH
TOTAL												2	
JUN21													
230	----	----	----	----	----	0.1195 - 0.0035	.2357	----	----	----	----	2	UNCH
TOTAL												2	
JUL21													
230	----	----	----	----	----	0.1163 - 0.0030	.2277	----	----	----	----	2	UNCH
TOTAL												2	
AUG21													
230	----	----	----	----	----	0.1143 - 0.0029	.2217	----	----	----	----	2	UNCH
TOTAL												2	
SEP21													
230	----	----	----	----	----	0.1166 - 0.0029	.2236	----	----	----	----	1	UNCH
TOTAL												1	
OCT21													
230	----	----	----	----	----	0.1152 - 0.0025	.2165	----	----	----	----	1	UNCH
TOTAL												1	
NOV21													
230	----	----	----	----	----	0.1150 - 0.0019	.2005	----	----	----	----	1	UNCH
TOTAL												1	
DEC21													
230	----	----	----	----	----	0.0978 - 0.0014	.1638	----	----	----	----	1	UNCH
TOTAL												1	
JAN22													
230	----	----	----	----	----	0.0732 - 0.0022	.1314	----	----	----	----	1	UNCH
TOTAL												1	
FEB22													
230	----	----	----	----	----	0.0901 - 0.0025	.1474	----	----	----	----	1	UNCH
TOTAL												1	
MAR22													
230	----	----	----	----	----	0.1164 - 0.0029	.1720	----	----	----	----	1	UNCH
TOTAL												1	
APR22													
230	----	----	----	----	----	0.1388 - 0.0034	.2476	----	----	----	----	1	UNCH
TOTAL												1	
MAY22													
230	----	----	----	----	----	0.1447 - 0.0035	.2548	----	----	----	----	1	UNCH
TOTAL												1	
HO 1 MONTH CALENDAR OPTIONS													
FA CALL													
OCT17													
80	----	----	----	----	----	0.0026 - 0.0003	.4812	----	----	----	----	50	UNCH
TOTAL												50	
HO 1 MONTH CALENDAR OPTIONS													
FA PUT													
OCT17													
0	----	----	----	----	----	0.0005 UNCH	.1203	----	----	----	----	100	UNCH
TOTAL												100	
NOV17													
0	----	----	----	----	----	0.0023 + 0.0002	.2791	----	----	----	----	100	UNCH
TOTAL												100	
DEC17													
0	----	----	----	----	----	0.0040 + 0.0003	.3467	----	----	----	----	100	UNCH
TOTAL												100	
LLS ARGUS V.WTI CRUDE OIL AVG PRICE													
WJO OPT													
SEP17													
190	----	----	----	----	----	3.00 + 0.13	.9769	----	----	----	----	125	UNCH
200	----	----	----	----	----	2.90 + 0.13	.9730	----	----	----	----	950	UNCH
TOTAL												1075	
OCT17													
190	----	----	----	----	----	2.65 + 0.09	.9664	----	----	----	----	125	UNCH
200	----	----	----	----	----	2.55 + 0.09	.9609	----	----	----	----	950	UNCH
TOTAL												1075	
NOV17													
190	----	----	----	----	----	2.06 + 0.05	.9552	----	----	----	----	125	UNCH
200	----	----	----	----	----	1.96 + 0.05	.9469	----	----	----	----	950	UNCH
TOTAL												1075	
DEC17													
190	----	----	----	----	----	1.66 + 0.06	.9439	----	----	----	----	125	UNCH
200	----	----	----	----	----	1.57 + 0.07	.9323	----	----	----	----	950	UNCH
TOTAL												1075	
MT BELVIEU ETHANE 5-DCML (OPIS)													
4J CALL													
SEP17													
2837	----	----	----	----	----	0.00001 UNCH	.0033	----	----	----	----	50	UNCH
3000	----	----	----	----	----	0.00001 UNCH	----	----	----	----	----	50	UNCH



PG63 BULLETIN #183@

ENERGY OPTIONS

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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
4J CALL MT BELVIEU ETHANE 5-DCML (OPIS)											
TOTAL											100
OCT17											
2712	----	----	----	----	0.01722 +J.00267	.6242	----	----	----	----	50 UNCH
3000	----	----	----	----	0.00555 +J.00108	.2867	----	----	----	----	50 UNCH
TOTAL											100
NOV17											
3000	----	----	----	----	0.01317 +J.00188	.4015	----	----	----	----	50 UNCH
TOTAL											50
DEC17											
3000	----	----	----	----	0.01938 +J.00241	.4582	----	----	----	----	50 UNCH
TOTAL											50
JAN18											
3500	----	----	----	----	0.01119 +J.00110	.2739	----	----	----	----	25 UNCH
TOTAL											25
4J PUT MT BELVIEU ETHANE 5-DCML (OPIS)											
SEP17											
1700	----	----	----	----	0.00001 UNCH	----	----	----	----	----	150 UNCH
2200	----	----	----	----	0.00001 UNCH	----	----	----	----	----	55 UNCH
2300	----	----	----	----	0.00001 UNCH	----	----	----	----	----	100 UNCH
2500	----	----	----	----	0.00001 UNCH	.0036	----	----	----	----	80 UNCH
2600	----	----	----	----	0.00013 -J.00039	.0670	----	----	----	----	75 UNCH
2613	----	----	----	----	0.00027 -J.00058	.1283	----	----	----	----	25 UNCH
2837	----	----	----	----	0.01832 -J.00139	.9966	----	----	----	----	50 UNCH
TOTAL											535
OCT17											
1700	----	----	----	----	0.00001 UNCH	.0006	----	----	----	----	150 UNCH
2200	----	----	----	----	0.00020 -J.00015	.0156	----	----	----	----	55 UNCH
2300	----	----	----	----	0.00056 -J.00033	.0392	----	----	----	----	150 UNCH
2500	----	----	----	----	0.00275 -J.00107	.1519	----	----	----	----	80 UNCH
2600	----	----	----	----	0.00509 -J.00163	.2466	----	----	----	----	75 UNCH
2712	----	----	----	----	0.00905 -J.00232	.3757	----	----	----	----	50 UNCH
TOTAL											560
NOV17											
1700	----	----	----	----	0.00003 -J.00001	.0018	----	----	----	----	150 UNCH
2200	----	----	----	----	0.00164 -J.00049	.0673	----	----	----	----	55 UNCH
2300	----	----	----	----	0.00283 -J.00075	.1064	----	----	----	----	150 UNCH
2500	----	----	----	----	0.00698 -J.00143	.2187	----	----	----	----	80 UNCH
2600	----	----	----	----	0.01012 -J.00185	.2891	----	----	----	----	75 UNCH
TOTAL											510
DEC17											
1700	----	----	----	----	0.00015 -J.00005	.0065	----	----	----	----	150 UNCH
2200	----	----	----	----	0.00312 -J.00068	.0950	----	----	----	----	55 UNCH
2300	----	----	----	----	0.00475 -J.00094	.1339	----	----	----	----	150 UNCH
2500	----	----	----	----	0.00966 -J.00158	.2334	----	----	----	----	80 UNCH
2600	----	----	----	----	0.01305 -J.00193	.2916	----	----	----	----	75 UNCH
TOTAL											510
4K CALL MT BELVIEU NRM BUTANE 5-DCML (OPIS)											
OCT17											
11000	----	----	----	----	0.02947 +J.00724	.3828	----	----	----	----	25 UNCH
12500	----	----	----	----	0.00421 NEW	----	----	----	----	50	25 + 25
TOTAL											50 + 25
NOV17											
11000	----	----	----	----	0.05096 +J.00877	.4320	----	----	----	----	25 UNCH
12500	----	----	----	----	0.01678 NEW	----	----	----	----	50	25 + 25
TOTAL											50 + 25
DEC17											
11000	----	----	----	----	0.06611 +J.00803	.4508	----	----	----	----	25 UNCH
12500	----	----	----	----	0.02900 NEW	----	----	----	----	50	25 + 25
TOTAL											50 + 25
JAN18											
8000	----	----	----	----	0.25895 +J.01182	.8556	----	----	----	----	200 UNCH
11000	----	----	----	----	0.07108 +J.00706	.4431	----	----	----	----	25 UNCH
12500	----	----	----	----	0.03509 NEW	----	----	----	----	50	25 + 25
TOTAL											50 + 25
4K PUT MT BELVIEU NRM BUTANE 5-DCML (OPIS)											
OCT17											
7000	----	----	----	----	0.00013 -J.00008	.0023	----	----	----	----	25 UNCH
8500	----	----	----	----	0.00264 -J.00126	.0417	----	----	----	50	50 + 25
TOTAL											50 + 25
NOV17											
7000	----	----	----	----	0.00288 -J.00055	.0277	----	----	----	----	25 UNCH
8500	----	----	----	----	0.01374 -J.00236	.1188	----	----	----	50	50 + 25
TOTAL											50 + 25
DEC17											
7000	----	----	----	----	0.00696 -J.00072	.0514	----	----	----	----	25 UNCH
8500	----	----	----	----	0.02453 -J.00238	.1610	----	----	----	50	50 + 25
TOTAL											50 + 25
JAN18											
7000	----	----	----	----	0.01245 -J.00097	.0761	----	----	----	----	25 UNCH
8500	----	----	----	----	0.03522 -J.00249	.1955	----	----	----	50	50 + 25
TOTAL											50 + 25
4H CALL MT BELVIEU PROPANE 5-DCML (OPIS)											
SEP17											
6000	----	----	----	----	0.28088 +J.00132	.9974	----	----	----	----	10 UNCH
6500	----	----	----	----	0.23089 +J.00132	.9916	----	----	----	----	10 UNCH
10500	----	----	----	----	0.00001 UNCH	.0004	----	----	----	----	1 UNCH
TOTAL											21
OCT17											
6000	----	----	----	----	0.32718 +J.00310	.9980	----	----	----	----	10 UNCH
6250	----	----	----	----	0.30231 +J.00307	.9961	----	----	----	----	2 UNCH
6313	----	----	----	----	0.29606 +J.00307	.9954	----	----	----	----	5 UNCH
6500	----	----	----	----	0.27753 +J.00304	.9927	----	----	----	----	45 UNCH
6675	----	----	----	----	0.26026 +J.00301	.9943	----	----	----	----	100 UNCH
7000	----	----	----	----	0.22847 +J.00291	.9817	----	----	----	----	65 UNCH
7375	----	----	----	----	0.19254 +J.00274	.9569	----	----	----	----	2 UNCH
8000	----	----	----	----	0.13591 +J.00227	.8770	----	----	----	----	1 UNCH
8300	----	----	----	----	0.11104 +J.00198	.8165	----	----	----	----	2 UNCH
8500	----	----	----	----	0.09558 +J.00175	.7670	----	----	----	----	30 UNCH
9000	----	----	----	----	0.06178 +J.00119	.6182	----	----	----	----	50 UNCH
10000	----	----	----	----	0.02215 -J.00027	.3026	----	----	----	----	25 UNCH
10500	----	----	----	----	0.01286 -J.00037	.1936	----	----	----	----	1 UNCH
TOTAL											338
NOV17											
6000	----	----	----	----	0.32666 +J.00290	.9803	----	----	----	----	10 UNCH
6250	----	----	----	----	0.30277 +J.00283	.9692	----	----	----	----	2 UNCH
6313	----	----	----	----	0.29680 +J.00281	.9660	----	----	----	----	5 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 4H CALL, JAN18, FEB18, MAR18, APR18, MAY18, 4H PUT, SEP17, OCT17, NOV17.



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4H PUT	MT BELVIEU PROPANE 5-DCML (OPIS)	GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL VOLUME	PNT VOLUME	OPEN INTEREST
NOV17							0.00552 -0.00042	.0549					2 UNCH
6600							0.03956 -0.00158	.3000					25 UNCH
8500													379
TOTAL													
DEC17							0.00019 -0.00001	.0019					165 UNCH
3900							0.00024 -0.00001	.0024					10 UNCH
4000							0.00064 -0.00004	.0061					6 UNCH
4500							0.00151 -0.00008	.0137					35 UNCH
5000							0.00519 -0.00021	.0426					30 UNCH
5875							0.00681 -0.00025	.0543					1 UNCH
6100							0.01062 -0.00035	.0806					40 UNCH
6500							0.01077 -0.00035	.0816					65 UNCH
6513							0.01179 -0.00037	.0884					2 UNCH
6600							0.01372 -0.00041	.1009					10 UNCH
6750							0.05672 -0.00092	.3276					25 UNCH
8500													389
TOTAL													
JAN18							0.00028 -0.00011	.0033					1 UNCH
4500							0.00240 -0.00059	.0230					25 UNCH
5500							0.00544 -0.00104	.0470					25 UNCH
6000							0.00629 -0.00115	.0533					1 UNCH
6100							0.01218 -0.00173	.0929					2 UNCH
6600							0.01453 -0.00192	.1074					10 UNCH
6750							0.01915 -0.00223	.1343					5 UNCH
7000							0.03120	NEW	.1971			50	50 + 50
7500											50	50	119 + 50
TOTAL													
FEB18							0.00096 -0.00035	.0095					1 UNCH
4500							0.00570 -0.00127	.0457					25 UNCH
5500							0.01115 -0.00196	.0806					25 UNCH
6000							0.01258 -0.00211	.0891					1 UNCH
6100							0.02168 -0.00289	.1387					2 UNCH
6600							0.02510 -0.00313	.1558					10 UNCH
6750							0.03157 -0.00350	.1862					5 UNCH
7000							0.04746	NEW	.2534			50	50 + 50
7500											50	50	119 + 50
TOTAL													
MAR18							0.00388 -0.00102	.0333					1 UNCH
4500							0.01597 -0.00249	.1097					35 UNCH
5500							0.02713 -0.00329	.1673					25 UNCH
6000							0.02984 -0.00344	.1801					1 UNCH
6100							0.04590 -0.00414	.2494					2 UNCH
6600							0.06181 -0.00460	.3092					5 UNCH
7000							0.08546	NEW	.3864			50	50 + 50
7500											50	50	119 + 50
TOTAL													
APR18							0.00706 +0.00001	.0588					1 UNCH
4500							0.02529 -0.00002	.1665					25 UNCH
5500							0.04068 -0.00007	.2391					25 UNCH
6000													51
TOTAL													
MAY18							0.03247 +0.00002	.1946					25 UNCH
5500							0.05000 +0.00004	.2684					25 UNCH
6000													50
TOTAL													
JUN18							0.03763 +0.00002	.2067					25 UNCH
5500							0.05623 +0.00006	.2781					25 UNCH
6000													50
TOTAL													
JUL18							0.03781 +0.00012	.2051					25 UNCH
5500							0.05633 +0.00019	.2753					25 UNCH
6000													50
TOTAL													
AUG18							0.04092 +0.00025	.2072					25 UNCH
5500							0.05983 +0.00036	.2742					25 UNCH
6000													50
TOTAL													
SEP18							0.04363 +0.00013	.2071					25 UNCH
5500							0.06278 +0.00019	.2708					25 UNCH
6000													50
TOTAL													
OCT18							0.03567 +0.00025	.1912					25 UNCH
5500							0.05328 +0.00035	.2581					25 UNCH
6000													50
TOTAL													
NOV18							0.03744 +0.00025	.1907					25 UNCH
5500							0.05519 +0.00035	.2548					25 UNCH
6000													50
TOTAL													
DEC18							0.03938 +0.00038	.1906					25 UNCH
5500							0.05731 +0.00051	.2523					25 UNCH
6000													50
TOTAL													
DEC19							0.03759 -0.00070	.2657					10 UNCH
5900													10
TOTAL													
DEC20							0.03551 -0.00027	.3668					10 UNCH
6350													10
TOTAL													
G4 CALL	NATURAL GAS 1 M CSO FIN												
OCT17							0.001 - 0.002	.1317					500 UNCH
- 50													500
TOTAL													
NOV17							0.010	NEW	.2202			2000	2000 + 2000
- 100											2000	2000 + 2000	
TOTAL													
FEB18							0.030	UNCH	.3306				200 UNCH
100													200
TOTAL													
MAR18							0.342	UNCH	.8153				2525 UNCH
0							0.250 + 0.001	.5428					8250 UNCH
250							0.191 - 0.003	.3909					24493 UNCH
500							0.152 - 0.008	.2942					10450 UNCH
750							0.123 - 0.007	.2276					22300 UNCH
1000							0.084 - 0.005	.1443					3825 UNCH
1500							0.059 - 0.001	.0958					1050 UNCH
2000													72893
TOTAL													



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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 contracts like G4 PUT OCT17, G2 CALL JAN18, G3 CALL OCT17, G3 PUT OCT17, G6 CALL APR18, G6 PUT APR18, G3 CALL JAN18, ZR CALL DEC17, and FEB18.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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CONTRACT	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT. PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
		RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT. CHGE.		CISES	OUTCRY VOLUME	VOLUME	VOLUME	INTEREST
NR ROCKIES PIPE OPTION												
ZR CALL												
FEB18												
4250	----	----	----	----	----	0.0599 - 0.0046	.1475	----	----	----	----	112 UNCH
4500	----	----	----	----	----	0.0446 - 0.0037	.1135	----	----	----	----	28 UNCH
TOTAL												1596
DEC18												
3500	----	----	----	----	----	0.1215 - 0.0045	.2890	----	----	----	----	372 UNCH
3600	----	----	----	----	----	0.1024 - 0.0042	.2533	----	----	----	----	62 UNCH
TOTAL												434
JAN19												
3500	----	----	----	----	----	0.1976 - 0.0029	.3580	----	----	----	----	372 UNCH
3600	----	----	----	----	----	0.1812 - 0.0027	.3317	----	----	----	----	62 UNCH
TOTAL												434
FEB19												
3500	----	----	----	----	----	0.1999 - 0.0035	.3514	----	----	----	----	336 UNCH
3600	----	----	----	----	----	0.1843 - 0.0032	.3271	----	----	----	----	56 UNCH
TOTAL												392
DEC19												
3300	----	----	----	----	----	0.1404 + 0.0062	.3218	----	----	----	----	124 UNCH
TOTAL												124
JAN20												
3300	----	----	----	----	----	0.1855 + 0.0066	.3729	----	----	----	----	124 UNCH
TOTAL												124
FEB20												
3300	----	----	----	----	----	0.1831 + 0.0048	.3583	----	----	----	----	116 UNCH
TOTAL												116
NYISO ZONE G OPTION												
9U CALL												
JAN18												
10000	----	----	----	----	----	1.33 - 0.05	.1470	----	----	----	----	3080 UNCH
TOTAL												3080
FEB18												
10000	----	----	----	----	----	1.57 - 0.01	.1573	----	----	----	----	2800 UNCH
TOTAL												2800
NYMEX CRUDE OIL (EURO) OPTS (PHY)												
LC CALL												
NOV17												
4600	----	----	----	----	----	4.80 + 0.08	.9213	----	----	----	----	200 UNCH
4900	----	----	----	----	----	2.27 + 0.02	.7131	----	----	----	----	10 UNCH
4950	----	----	----	----	----	1.93 + 0.01	.6567	----	----	----	----	1 UNCH
5200	----	----	----	----	----	0.71 - 0.02	.3449	----	----	----	----	10 UNCH
5500	----	----	----	----	----	0.18 - 0.02	.1087	----	----	----	----	20 UNCH
5600	----	----	----	----	----	0.12 - 0.01	.0739	----	----	----	----	20 UNCH
6000	----	----	----	----	----	0.03 UNCH	.0184	----	----	----	----	20 UNCH
6200	----	----	----	----	----	0.01 - 0.01	.0065	----	----	----	----	40 UNCH
6300	----	----	----	----	----	0.01 UNCH	.0036	----	----	----	----	1 UNCH
6500	----	----	----	----	----	0.01 UNCH	.0010	----	----	----	----	6 UNCH
6700	----	----	----	----	----	0.01 UNCH	.0002	----	----	----	----	40 UNCH
7000	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	5 UNCH
TOTAL												373
DEC17												
4750	----	----	----	----	----	4.28 + 0.04	.7718	----	----	----	----	100 UNCH
4800	----	----	----	----	----	3.90 + 0.03	.7410	----	----	----	----	10 UNCH
4900	----	----	----	----	----	3.21 + 0.03	.6743	----	----	----	----	10 UNCH
4950	----	----	----	----	----	2.88 + 0.02	.6384	----	----	----	----	1 UNCH
5050	----	----	----	----	----	2.28 + 0.01	.5617	----	----	----	----	100 UNCH
5150	----	----	----	----	----	1.75 - 0.01	.4809	----	----	----	----	230 UNCH
5200	----	----	----	----	----	1.53 UNCH	.4404	----	----	----	----	10 UNCH
5250	----	----	----	----	----	1.32 - 0.01	.4000	----	----	----	----	140 UNCH
5500	----	----	----	----	----	0.60 - 0.01	.2240	----	----	----	----	1845 UNCH
5600	----	----	----	----	----	0.44 UNCH	.1734	----	----	----	----	2020 UNCH
5650	----	----	----	----	----	0.37 - 0.01	.1504	----	----	----	----	230 UNCH
5700	----	----	----	----	----	0.31 - 0.01	.1299	----	----	----	----	1000 UNCH
6000	----	----	----	----	----	0.13 UNCH	.0588	----	----	----	----	1243 UNCH
6200	----	----	----	----	----	0.07 - 0.01	.0332	----	----	----	----	40 UNCH
6300	----	----	----	----	----	0.06 UNCH	.0280	----	----	----	----	1 UNCH
6400	----	----	----	----	----	0.04 - 0.01	.0194	----	----	----	----	1000 UNCH
6500	----	----	----	----	----	0.03 - 0.01	.0148	----	----	----	----	156 UNCH
6700	----	----	----	----	----	0.02 - 0.01	.0097	----	----	----	----	40 UNCH
7000	----	----	----	----	----	0.01 UNCH	.0049	----	----	----	----	5 UNCH
7500	----	----	----	----	----	0.01 UNCH	.0008	----	----	----	----	30 UNCH
8000	----	----	----	----	----	0.01 UNCH	.0001	----	----	----	----	3500 UNCH
8500	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	2050 UNCH
9000	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	1250 UNCH
9500	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	30 UNCH
10000	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	120 UNCH
12500	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	5000 UNCH
TOTAL												20161
JAN18												
5100	----	----	----	----	----	2.91 + 0.04	.5446	----	----	----	----	100 UNCH
5500	----	----	----	----	----	1.25 + 0.02	.3142	----	----	----	----	20 UNCH
5700	----	----	----	----	----	0.76 + 0.02	.2172	----	----	----	----	20 UNCH
6000	----	----	----	----	----	0.35 + 0.01	.1158	----	----	----	----	20 UNCH
6400	----	----	----	----	----	0.13 UNCH	.0483	----	----	----	----	40 UNCH
6500	----	----	----	----	----	0.11 UNCH	.0409	----	----	----	----	40 UNCH
6600	----	----	----	----	----	0.09 UNCH	.0338	----	----	----	----	1 UNCH
6800	----	----	----	----	----	0.06 UNCH	.0230	----	----	----	----	40 UNCH
TOTAL												281
FEB18												
5100	----	----	----	----	----	3.47 + 0.03	.5544	----	----	----	----	100 UNCH
5500	----	----	----	----	----	1.70 + 0.03	.3543	----	----	----	----	20 UNCH
5700	----	----	----	----	----	1.11 + 0.03	.2625	----	----	----	----	20 UNCH
6000	----	----	----	----	----	0.56 + 0.01	.1549	----	----	----	----	20 UNCH
6400	----	----	----	----	----	0.23 + 0.01	.0728	----	----	----	----	40 UNCH
6500	----	----	----	----	----	0.19 + 0.01	.0612	----	----	----	----	40 UNCH
6600	----	----	----	----	----	0.16 + 0.01	.0521	----	----	----	----	1 UNCH
6800	----	----	----	----	----	0.11 UNCH	.0368	----	----	----	----	40 UNCH
TOTAL												281
MAR18												
5000	----	----	----	----	----	4.48 + 0.04	.6028	----	----	----	----	10 UNCH
5100	----	----	----	----	----	3.91 + 0.04	.5596	----	----	----	----	10 UNCH
5400	----	----	----	----	----	2.45 + 0.04	.4238	----	----	----	----	20 UNCH
5500	----	----	----	----	----	2.06 + 0.03	.3787	----	----	----	----	1020 UNCH
5700	----	----	----	----	----	1.41 + 0.02	.2924	----	----	----	----	30 UNCH
6000	----	----	----	----	----	0.76 + 0.01	.1846	----	----	----	----	20 UNCH
6400	----	----	----	----	----	0.34 + 0.01	.0949	----	----	----	----	40 UNCH
6500	----	----	----	----	----	0.27 UNCH	.0782	----	----	----	----	40 UNCH
6600	----	----	----	----	----	0.23 + 0.01	.0675	----	----	----	----	1 UNCH
6800	----	----	----	----	----	0.16 UNCH	.0487	----	----	----	----	40 UNCH
TOTAL												1231
APR18												
4800	----	----	----	----	----	6.09 + 0.04	.6759	----	----	----	----	10 UNCH
5500	----	----	----	----	----	2.40 + 0.03	.3971	----	----	----	----	30 UNCH



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ENERGY OPTIONS

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LC CALL	NYMEX CRUDE OIL (EURO) OPTS (PHY)	GLOBAL OPEN	OPEN RANGE	OUTCRY	GLOBAL HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL VOLUME	PNT VOLUME	OPEN INTEREST
TOTAL															70
LC PUT	NYMEX CRUDE OIL (EURO) OPTS (PHY)														
NOV17															
3000		----	----	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	5 UNCH
3500		----	----	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	12 UNCH
4000		----	----	----	----	----	----	----	0.01 UNCH	.0053	----	----	----	----	30 UNCH
4200		----	----	----	----	----	----	----	0.02 - 0.01	.0115	----	----	----	----	1 UNCH
4500		----	----	----	----	----	----	----	0.08 - 0.03	.0467	----	----	----	----	5 UNCH
4550		----	----	----	----	----	----	----	0.11 - 0.03	.0624	----	----	----	----	1 UNCH
4600		----	----	----	----	----	----	----	0.14 - 0.03	.0786	----	----	----	----	10 UNCH
4650		----	----	----	----	----	----	----	0.18 - 0.04	.0993	----	----	----	----	1 UNCH
4900		----	----	----	----	----	----	----	0.61 - 0.09	.2868	----	----	----	----	10 UNCH
5000		----	----	----	----	----	----	----	0.96 - 0.11	.4038	----	----	----	----	5 UNCH
TOTAL															80
DEC17															
3000		----	----	----	----	----	----	----	0.01 UNCH	.0028	----	----	----	----	5 UNCH
3500		----	----	----	----	----	----	----	0.02 UNCH	.0067	----	----	----	----	12 UNCH
3750		----	----	----	----	----	----	----	0.03 - 0.01	.0110	----	----	----	----	250 UNCH
4000		----	----	----	----	----	----	----	0.06 - 0.01	.0227	----	----	----	----	720 UNCH
4100		----	----	----	----	----	----	----	0.09 - 0.01	.0331	----	----	----	----	800 UNCH
4200		----	----	----	----	----	----	----	0.12 - 0.02	.0442	----	----	----	----	600 UNCH
4250		----	----	----	----	----	----	----	0.15 - 0.01	.0539	----	----	----	----	550 UNCH
4500		----	----	----	----	----	----	----	0.34 - 0.04	.1151	----	----	----	----	75 UNCH
4550		----	----	----	----	----	----	----	0.40 - 0.04	.1330	----	----	----	----	1 UNCH
4600		----	----	----	----	----	----	----	0.47 - 0.05	.1532	----	----	----	----	10 UNCH
4650		----	----	----	----	----	----	----	0.56 - 0.05	.1771	----	----	----	----	231 UNCH
4800		----	----	----	----	----	----	----	0.88 - 0.07	.2589	----	----	----	----	10 UNCH
4900		----	----	----	----	----	----	----	1.18 - 0.07	.3256	----	----	----	----	735 UNCH
5000		----	----	----	----	----	----	----	1.54 - 0.09	.3992	----	----	----	----	105 UNCH
5150		----	----	----	----	----	----	----	2.22 - 0.11	.5190	----	----	----	----	230 UNCH
TOTAL															4334
JAN18															
3900		----	----	----	----	----	----	----	0.14 - 0.01	.0382	----	----	----	----	50 UNCH
3950		----	----	----	----	----	----	----	0.16 - 0.01	.0434	----	----	----	----	50 UNCH
4000		----	----	----	----	----	----	----	0.19 - 0.01	.0506	----	----	----	----	905 UNCH
4050		----	----	----	----	----	----	----	0.21 - 0.02	.0561	----	----	----	----	550 UNCH
4100		----	----	----	----	----	----	----	0.25 - 0.01	.0653	----	----	----	----	500 UNCH
4200		----	----	----	----	----	----	----	0.33 - 0.02	.0839	----	----	----	----	100 UNCH
4300		----	----	----	----	----	----	----	0.43 - 0.03	.1063	----	----	----	----	110 UNCH
4400		----	----	----	----	----	----	----	0.57 - 0.03	.1350	----	----	----	----	20 UNCH
4800		----	----	----	----	----	----	----	1.46 - 0.05	.2936	----	----	----	----	1 UNCH
5000		----	----	----	----	----	----	----	2.17 - 0.05	.3983	----	----	----	----	5 UNCH
TOTAL															2291
FEB18															
4000		----	----	----	----	----	----	----	0.32 - 0.02	.0703	----	----	----	----	5 UNCH
4300		----	----	----	----	----	----	----	0.67 - 0.03	.1337	----	----	----	----	10 UNCH
4400		----	----	----	----	----	----	----	0.84 - 0.03	.1617	----	----	----	----	20 UNCH
4800		----	----	----	----	----	----	----	1.85 - 0.05	.3071	----	----	----	----	1 UNCH
5000		----	----	----	----	----	----	----	2.58 - 0.05	.3971	----	----	----	----	5 UNCH
TOTAL															41
MAR18															
3900		----	----	----	----	----	----	----	0.36 - 0.02	.0703	----	----	----	----	10 UNCH
4000		----	----	----	----	----	----	----	0.46 - 0.02	.0870	----	----	----	----	5 UNCH
4300		----	----	----	----	----	----	----	0.90 - 0.03	.1537	----	----	----	----	10 UNCH
4400		----	----	----	----	----	----	----	1.10 - 0.03	.1814	----	----	----	----	20 UNCH
4800		----	----	----	----	----	----	----	2.19 - 0.03	.3164	----	----	----	----	1 UNCH
5000		----	----	----	----	----	----	----	2.93 - 0.03	.3972	----	----	----	----	5 UNCH
TOTAL															51
APR18															
4000		----	----	----	----	----	----	----	0.62 - 0.02	.1029	----	----	----	----	5 UNCH
4300		----	----	----	----	----	----	----	1.13 - 0.02	.1702	----	----	----	----	10 UNCH
4400		----	----	----	----	----	----	----	1.35 - 0.03	.1969	----	----	----	----	20 UNCH
4500		----	----	----	----	----	----	----	1.59 - 0.04	.2254	----	----	----	----	10 UNCH
4800		----	----	----	----	----	----	----	2.51 - 0.02	.3240	----	----	----	----	1 UNCH
5000		----	----	----	----	----	----	----	3.27 - 0.02	.3981	----	----	----	----	5 UNCH
TOTAL															51
MAY18															
4000		----	----	----	----	----	----	----	0.78 - 0.02	.1165	----	----	----	----	5 UNCH
4300		----	----	----	----	----	----	----	1.37 - 0.01	.1847	----	----	----	----	10 UNCH
4400		----	----	----	----	----	----	----	1.60 - 0.03	.2102	----	----	----	----	20 UNCH
4500		----	----	----	----	----	----	----	1.87 - 0.02	.2381	----	----	----	----	10 UNCH
4800		----	----	----	----	----	----	----	2.81 - 0.03	.3305	----	----	----	----	1 UNCH
5000		----	----	----	----	----	----	----	3.59 - 0.02	.3996	----	----	----	----	5 UNCH
TOTAL															51
JUN18															
2000		----	----	----	----	----	----	----	0.01 UNCH	.0017	----	----	----	----	700 UNCH
3900		----	----	----	----	----	----	----	0.77 - 0.02	.1089	----	----	----	----	250 UNCH
4000		----	----	----	----	----	----	----	0.94 - 0.01	.1283	----	----	----	----	505 UNCH
4300		----	----	----	----	----	----	----	1.57 - 0.02	.1952	----	----	----	----	260 UNCH
4400		----	----	----	----	----	----	----	1.83 - 0.01	.2207	----	----	----	----	20 UNCH
4500		----	----	----	----	----	----	----	2.11 - 0.01	.2475	----	----	----	----	510 UNCH
4800		----	----	----	----	----	----	----	3.09 - 0.01	.3359	----	----	----	----	1 UNCH
4900		----	----	----	----	----	----	----	3.46 - 0.02	.3678	----	----	----	----	250 UNCH
5000		----	----	----	----	----	----	----	3.87 - 0.02	.4011	----	----	----	----	5 UNCH
5300		----	----	----	----	----	----	----	5.28 - 0.01	.5062	----	----	----	----	250 UNCH
6000		----	----	----	----	----	----	----	9.75 - 0.02	.7480	----	----	----	----	38 UNCH
12000		----	----	----	----	----	----	----	67.85 - 0.06	.9975	----	----	----	----	700 UNCH
TOTAL															3489
JUL18															
2300		----	----	----	----	----	----	----	0.01 UNCH	.0020	----	----	----	----	20 UNCH
3000		----	----	----	----	----	----	----	0.12 - 0.01	.0200	----	----	----	----	10 UNCH
3600		----	----	----	----	----	----	----	0.52 UNCH	.0734	----	----	----	----	50 UNCH
4000		----	----	----	----	----	----	----	1.10 - 0.02	.1388	----	----	----	----	5 UNCH
4300		----	----	----	----	----	----	----	1.77 - 0.02	.2048	----	----	----	----	10 UNCH
4800		----	----	----	----	----	----	----	3.34 - 0.02	.3406	----	----	----	----	1 UNCH
5000		----													



PG63 BULLETIN #183@

ENERGY OPTIONS

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PRICE INDICATOR KEY

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LC PUT	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
OPEN	OPEN	OPEN	HIGH/LOW	HIGH/LOW	CLOSE	& PT.CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
NYMEX CRUDE OIL (EURO) OPTS (PHY)												
OCT18												
4000	----	----	----	----	----	1.47	UNCH	.1592	----	----	----	5
4300	----	----	----	----	----	2.24	- 0.01	.2233	----	----	----	10
4800	----	----	----	----	----	3.93	- 0.01	.3493	----	----	----	1
5000	----	----	----	----	----	4.75	UNCH	.4057	----	----	----	5
TOTAL												71
NOV18												
2300	----	----	----	----	----	0.04	UNCH	.0062	----	----	----	20
2500	----	----	----	----	----	0.07	UNCH	.0105	----	----	----	20
3000	----	----	----	----	----	0.24	+ 0.01	.0327	----	----	----	10
4000	----	----	----	----	----	1.56	- 0.01	.1633	----	----	----	5
4300	----	----	----	----	----	2.36	- 0.01	.2271	----	----	----	10
4800	----	----	----	----	----	4.06	- 0.02	.3505	----	----	----	1
5000	----	----	----	----	----	4.89	- 0.01	.4056	----	----	----	5
TOTAL												71
DEC18												
2300	----	----	----	----	----	0.04	UNCH	.0062	----	----	----	20
2500	----	----	----	----	----	0.07	- 0.01	.0105	----	----	----	20
3000	----	----	----	----	----	0.26	UNCH	.0346	----	----	----	10
4000	----	----	----	----	----	1.65	- 0.01	.1672	----	----	----	5
4300	----	----	----	----	----	2.47	- 0.01	.2304	----	----	----	10
4800	----	----	----	----	----	4.20	- 0.01	.3516	----	----	----	1
5000	----	----	----	----	----	5.03	- 0.01	.4055	----	----	----	5
TOTAL												71
NYMEX CRUDE OIL OPTIONS (PHY)												
NOV17												
1750	----	----	----	----	----	33.16	+ 0.11	1.0000	----	----	----	1
2350	----	----	----	----	----	27.16	+ 0.11	1.0000	----	----	----	1
2800	----	----	----	----	----	22.66	+ 0.11	1.0000	----	----	----	1
3150	----	----	----	----	----	19.16	+ 0.11	1.0000	----	----	----	1
3450	----	----	----	----	----	16.16	+ 0.11	.9999	----	----	----	1
3500	----	----	----	----	----	15.66	+ 0.11	.9999	----	----	----	2
3550	----	----	15.23B/14.83A	15.23B/14.83A	----	15.16	+ 0.11	.9999	----	----	----	1
3600	----	----	14.73B/14.33A	14.73B/14.33A	----	14.66	+ 0.11	.9999	----	----	----	2
3650	----	----	14.23B/13.83A	14.23B/13.83A	----	14.16	+ 0.11	.9998	----	----	----	2
3700	----	----	13.73B/13.33A	13.73B/13.33A	----	13.66	+ 0.11	.9998	----	----	----	2
3750	----	----	13.23B/12.83A	13.23B/12.83A	----	13.16	+ 0.11	.9996	----	----	----	2
3800	----	----	12.73B/12.33A	12.73B/12.33A	----	12.66	+ 0.11	.9994	----	----	----	70
3850	----	----	----	----	----	12.16	+ 0.11	.9990	----	----	----	2
3900	----	----	----	----	----	11.66	+ 0.11	.9984	----	----	----	3
3950	----	----	----	----	----	11.16	+ 0.10	.9975	----	----	----	2
4000	----	----	10.69B/10.36A	10.69B/10.36A	----	10.67	+ 0.11	.9962	----	----	----	8
4050	----	----	10.24B/9.87A	10.24B/9.87A	----	10.17	+ 0.11	.9943	----	----	----	5
4100	----	----	9.74B/9.37A	9.74B/9.37A	----	9.67	+ 0.10	.9895	----	----	----	3
4150	----	----	9.25B/8.87A	9.25B/8.87A	----	9.17	+ 0.10	.9890	----	----	----	13
4200	----	----	8.75B/8.38A	8.75B/8.38A	----	8.68	+ 0.10	.9884	----	----	----	442
4250	----	----	8.26B/7.89A	8.26B/7.89A	----	8.18	+ 0.10	.9832	----	----	----	65
4300	----	----	7.76B/7.39A	7.76B/7.39A	----	7.69	+ 0.10	.9779	----	----	----	467
4350	----	----	7.27B/6.90A	7.27B/6.90A	----	7.20	+ 0.10	.9766	----	----	----	289
4400	----	----	6.78B/6.42A	6.78B/6.42A	----	6.71	+ 0.09	.9665	----	----	----	3089
4450	----	----	6.30B/5.93A	6.30B/5.93A	----	6.22	+ 0.09	.9601	----	----	----	463
4500	----	----	5.82B/5.46A	5.82B/5.46A	----	5.74	+ 0.09	.9532	----	----	----	1590
4550	----	----	5.34B/4.99A	5.34B/4.99A	----	5.26	+ 0.08	.9376	----	----	----	369
4600	----	----	4.87B/4.53A	4.87B/4.53A	----	4.79	+ 0.07	.9213	----	----	----	606
4650	----	----	4.42B/4.08A	4.42B/4.08A	----	4.33	+ 0.06	.9006	----	----	----	1578
4700	----	----	3.97B/3.65A	3.97B/3.65A	----	3.88	+ 0.05	.8785	----	----	----	4834
4750	3.29	3.29	3.54B/3.23A	3.54B/3.23A	----	3.45	+ 0.05	.8457	----	2	----	1603
4800	----	----	3.13B/2.82A	3.13B/2.82A	----	3.03	+ 0.04	.8089	----	12	----	3472
4850	2.53	2.53	2.74B/2.42	2.74B/2.42	----	2.63	+ 0.02	.7655	----	122	----	2988
4900	2.16	2.16	2.37B/2.05	2.37B/2.05	----	2.26	+ 0.01	.7131	----	68	----	3933
4950	1.91	1.91	2.03B/1.77A	2.03B/1.77A	----	1.93	+ 0.01	.6567	----	112	----	1899
5000	1.64	1.64	1.73/1.45A	1.73/1.45A	----	1.62	UNCH	.5961	----	102	100	12253
5050	1.44	1.44	1.46B/1.20	1.46B/1.20	----	1.34	- 0.01	.5328	----	804	----	5397
5100	1.11	1.11	1.21/0.97A	1.21/0.97A	----	1.09	- 0.02	.4680	----	1508	300	14494
5150	0.93	0.93	0.99B/0.79A	0.99B/0.79A	----	0.89	- 0.01	.4053	----	361	----	6121
5200	0.79	0.79	0.82/0.63	0.82/0.63	----	0.71	- 0.02	.3449	----	540	100	12737
5250	0.65	0.65	0.66/0.49	0.66/0.49	----	0.57	- 0.02	.2906	----	459	----	4568
5300	----	----	0.52/0.39A	0.52/0.39A	----	0.45	- 0.02	.2411	----	765	----	7222
5350	0.38	0.38	0.41/0.31	0.41/0.31	----	0.35	- 0.02	.1969	----	1079	----	3495
5400	0.30	0.30	0.35/0.25	0.35/0.25	----	0.28	- 0.02	.1620	----	1505	600	9785
5450	0.28	0.28	0.28/0.20	0.28/0.20	----	0.23	- 0.01	.1348	----	974	981	5238
5500	0.21	0.21	0.21/0.16	0.21/0.16	----	0.18	- 0.02	.1087	----	1357	100	31764
5550	0.17	0.17	0.17/0.13	0.17/0.13	----	0.15	- 0.01	.0909	----	67	----	2918
5600	0.14	0.14	0.14/0.11	0.14/0.11	----	0.12	- 0.01	.0739	----	172	----	4979
5650	0.09	0.09	0.10/0.09	0.10/0.09	----	0.10	- 0.01	.0617	----	35	----	4924
5700	0.08	0.08	0.09/0.07	0.09/0.07	----	0.08	- 0.01	.0500	----	385	----	4377
5750	0.07	0.07	0.07/0.07	0.07/0.07	----	0.07	UNCH	.0432	----	25	----	3196
5800	0.06	0.06	0.06/0.05	0.06/0.05	----	0.05	- 0.01	.0321	----	343	1590	5744
5850	0.05	0.05	0.05/0.05	0.05/0.05	----	0.04	- 0.01	.0259	----	11	----	1689
5900	0.05	0.05	0.05/0.03	0.05/0.03	----	0.04	UNCH	.0249	----	135	----	12847
5950	0.04	0.04	0.04/0.03	0.04/0.03	----	0.03	- 0.01	.0191	----	14	----	1763
6000	0.03	0.03	0.03/0.03	0.03/0.03	----	0.03	UNCH	.0184	----	109	----	8596
6050	0.02	0.02	0.03/0.02	0.03/0.02	----	0.02	UNCH	.0128	----	7	----	1472
6100	0.02	0.02	0.02/0.02	0.02/0.02	----	0.02	UNCH	.0123	----	8	----	3988
6150	----	----	----	----	----	0.02	UNCH	.0119	----	10	----	2616
6200	0.01	0.01	0.02/0.01	0.02/0.01	----	0.01	- 0.01	.0065	----	56	----	3697
6250	----	----	----	----	----	0.01	UNCH	.0049	----	----	----	1371
6300	0.02	0.02	0.02/0.01	0.02/0.01	----	0.01	UNCH	.0036	----	368	----	1598
6350	0.01	0.01	0.01/0.01	0.01/0.01	----	0.01	UNCH	.0027	----	1	----	796
6400	----	----	----	----	----	0.01	UNCH	.0020	----	----	----	1291
6450	----	----	----	----	----	0.01	UNCH	.0014	----	----	----	1165
6500	0.01	0.01	0.01/0.01	0.01/0.01	----	0.01	UNCH	.0010	----	51	----	5486
6550	----	----	----	----	----	0.01	UNCH	.0007	----	----	----	1534
6600	----	----	----	----	----	0.01	UNCH	.0005	----	----	----	2905
6650	----	----	----	----	----	0.01	UNCH	.0004	----	----	----	55
6700	----	----	----	----	----	0.01	UNCH	.0002	----	----	----	3358
6750	----											



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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 NOV17 and DEC17 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 DEC17, JAN18, and various contract months.

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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 JAN18, FEB18, and MAR18 contracts for NYMEX CRUDE OIL OPTIONS (PHY).

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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 MAR18, APR18, MAY18.

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ENERGY OPTIONS

Fri, Sep 22, 2017 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.

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 MAY18, JUN18, JUL18, AUG18, SEP18 with various contract specifications and prices.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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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 months like SEP18, OCT18, NOV18, DEC18 and various contract numbers.

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PG63 BULLETIN #183@

ENERGY OPTIONS

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2017 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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FINAL

PG63 BULLETIN #183@

ENERGY OPTIONS

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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	
NYMEX CRUDE OIL OPTIONS (PHY)														
JUL18														
3700		----	----	----	----	----	0.63 - 0.01	.0869	----	----	----	----	11	UNCH
4000		----	----	----	----	----	1.11 - 0.01	.1394	----	----	----	----	100	UNCH
4200		----	----	----	----	----	1.53 - 0.01	.1817	----	----	----	----	1	UNCH
4300		----	----	----	----	----	1.90 - 0.02	.2170	----	----	----	----	1	UNCH
4500		----	----	2.40B/----	2.40B/----	----	2.33 - 0.03	.2555	----	----	----	----	376	UNCH
4800		----	----	3.38B/----	3.38B/----	----	3.35 - 0.01	.3408	----	----	----	----	251	UNCH
5000		----	----	4.24B/----	4.24B/----	----	4.15 - 0.02	.4030	----	----	----	----	2	UNCH
5100		----	----	4.64B/----	4.64B/----	----	4.61 - 0.01	.4354	----	----	----	----	3	UNCH
5150		----	----	#4.88B/----	#4.88B/----	----	4.84 - 0.01	.4519	----	----	1	----	43 +	1
TOTAL											1	----	839 +	1
AUG18														
4000		----	----	----	----	----	1.25 - UNCH	.1477	----	----	----	----	100	UNCH
4350		----	----	----	----	----	2.10 - 0.02	.2250	----	----	----	----	1	UNCH
5100		----	----	----	----	----	4.82 - UNCH	.4358	----	----	----	----	3	UNCH
TOTAL													104	
SEP18														
3400		----	----	----	----	----	0.46 + 0.01	.0613	----	----	----	----	3	UNCH
3500		----	----	----	----	----	0.56 - UNCH	.0729	----	----	----	----	4905	UNCH
3800		----	----	----	----	----	0.98 - UNCH	.1171	----	----	----	----	750	UNCH
4000		----	----	1.38B/----	1.38B/----	----	1.37 - UNCH	.1542	----	----	----	----	5368	UNCH
4300		----	----	----	----	----	2.12 - UNCH	.2190	----	----	----	----	65	UNCH
4350		----	----	----	----	----	2.26 - UNCH	.2307	----	----	----	----	1	UNCH
4400		----	----	----	----	----	2.41 - UNCH	.2427	----	----	----	----	100	UNCH
4500		----	----	2.77B/----	2.77B/----	----	2.73 - UNCH	.2673	----	----	50	----	5375 -	50
4600		----	----	----	----	----	3.06 - UNCH	.2933	----	----	----	----	1400	UNCH
4800		----	----	----	----	----	3.79 - UNCH	.3474	----	----	----	----	950	UNCH
4900		----	----	----	----	----	4.18 - UNCH	.3758	----	----	----	----	300	UNCH
5000		----	----	4.67B/----	4.67B/----	----	4.59 - UNCH	.4051	----	----	----	----	6300	UNCH
5100		----	----	----	----	----	5.03 - UNCH	.4353	----	----	----	----	6	UNCH
5500		----	----	7.18B/----	7.18B/----	----	7.07 - UNCH	.5615	----	----	----	50	500	UNCH
TOTAL													26023 -	50
OCT18														
4000		----	----	----	----	----	1.47 - 0.01	.1592	----	----	----	----	102	UNCH
4350		----	----	----	----	----	2.40 - UNCH	.2353	----	----	----	----	1	UNCH
5100		----	----	----	----	----	5.20 - 0.01	.4350	----	----	----	----	3	UNCH
TOTAL													106	
NOV18														
4000		----	----	----	----	----	1.56 - 0.02	.1633	----	----	----	----	100	UNCH
4350		----	----	----	----	----	2.52 - 0.01	.2388	----	----	----	----	1	UNCH
4500		----	----	----	----	----	3.00 - 0.01	.2743	----	----	----	----	1000	UNCH
5100		----	----	----	----	----	5.35 - 0.01	.4342	----	----	----	----	5	UNCH
TOTAL													1106	
DEC18														
1500		----	----	----	----	----	0.01 - UNCH	.0000	----	----	----	----	3	UNCH
2000		----	----	----	----	----	0.01 - 0.01	.0017	----	----	----	----	189	UNCH
2500		----	----	----	----	----	0.07 - 0.01	.0105	----	----	204	----	569 +	64
2700		----	----	----	----	----	0.13 - UNCH	.0183	----	----	----	----	1	UNCH
2750		----	----	----	----	----	0.14 - UNCH	.0198	----	----	----	----	7	UNCH
2800		----	----	----	----	----	0.16 - UNCH	.0223	----	----	----	----	81	UNCH
2850		----	----	----	----	----	0.18 - UNCH	.0249	----	----	----	----	40	UNCH
2900		----	----	----	----	----	0.21 - UNCH	.0284	----	----	----	----	40	UNCH
2950		----	----	----	----	----	0.23 - UNCH	.0310	----	----	----	----	20	UNCH
3000		----	----	----	----	----	0.26 - UNCH	.0346	----	----	----	----	6148	UNCH
3100		----	----	----	----	----	0.32 - UNCH	.0417	----	----	----	----	1948	UNCH
3150		----	----	----	----	----	0.36 - UNCH	.0462	----	----	----	----	1	UNCH
3200		----	----	----	----	----	0.40 - UNCH	.0507	----	----	----	----	304	UNCH
3250		----	----	----	----	----	0.44 - UNCH	.0552	----	----	----	----	251	UNCH
3300		----	----	----	----	----	0.49 - UNCH	.0606	----	----	----	----	410	UNCH
3350		----	----	----	----	----	0.54 - UNCH	.0660	----	----	----	----	1	UNCH
3400		----	----	----	----	----	0.59 - UNCH	.0714	----	----	----	----	352	UNCH
3450		----	----	----	----	----	0.65 - 0.01	.0775	----	----	----	----	1	UNCH
3500		----	----	----	----	----	0.72 - UNCH	.0844	----	----	325	200	24908 -	84
3550		----	----	----	----	----	0.79 - UNCH	.0912	----	----	----	----	1	UNCH
3600		----	----	----	----	----	0.86 - 0.01	.0981	----	----	----	----	1	UNCH
3700		----	----	----	----	----	1.03 - 0.01	.1138	----	----	----	----	150	UNCH
3750		----	----	----	----	----	1.12 - 0.01	.1220	----	----	----	----	13	UNCH
3800		----	----	----	----	----	1.22 - 0.01	.1307	----	----	----	----	673	UNCH
3900		----	----	1.45B/----	1.45B/----	----	1.42 - 0.02	.1482	----	----	----	----	1	UNCH
4000		----	----	1.68B/----	1.68B/----	----	1.66 - 0.01	.1677	----	----	182	350	18134 +	330
4050		----	----	1.81B/----	1.81B/----	----	1.78 - 0.01	.1774	----	----	----	----	1	UNCH
4100		----	----	1.94B/----	1.94B/----	----	1.91 - 0.01	.1876	----	----	----	----	1241	UNCH
4150		----	----	2.08B/----	2.08B/----	----	2.05 - 0.01	.1982	----	----	----	----	100	UNCH
4200		----	----	2.22B/----	2.22B/----	----	2.19 - 0.01	.2089	----	----	----	----	1101	UNCH
4250		----	----	2.37B/----	2.37B/----	----	2.33 - 0.01	.2196	----	----	----	----	23	UNCH
4300		----	----	2.52B/----	2.52B/----	----	2.48 - 0.01	.2307	----	----	----	----	853	UNCH
4350		----	----	2.67B/----	2.67B/----	----	2.64 - UNCH	.2421	----	----	----	----	1	UNCH
4500		----	----	3.17B/----	3.17B/----	----	3.13 - UNCH	.2770	----	----	400	----	23060 +	200
4600		----	----	3.52B/----	3.52B/----	----	3.48 - UNCH	.3012	----	----	----	----	712	UNCH
4700		----	----	3.89B/----	3.89B/----	----	3.84 - UNCH	.3260	----	----	----	----	883	UNCH
4750		----	----	4.08B/----	4.08B/----	----	4.02 - 0.01	.3387	----	----	----	----	355	UNCH
4800		----	----	4.28B/----	4.28B/----	----	4.22 - 0.01	.3517	----	----	----	----	3321	UNCH
4850		----	----	4.48B/----	4.48B/----	----	4.42 - 0.01	.3649	----	----	----	----	500	UNCH
4900		----	----	4.69B/----	4.69B/----	----	4.62 - 0.01	.3782	----	----	----	----	701	UNCH
5000		----	----	5.12B/----	5.12B/----	----	5.05 - UNCH	.4054	----	----	450	----	17321 +	450
5050		----	----	5.34B/----	5.34B/----	----	5.27 - UNCH	.4193	----	----	----	----	1130	UNCH
5100		----	----	5.57B/----	5.57B/----	----	5.49 - 0.01	.4334	----	----	----	----	1426	UNCH
5150		----	----	5.80B/----	5.80B/----	----	5.72 - UNCH	.4477	----	----	----	----	500	UNCH
5200		----	----	6.04B/----	6.04B/----	----	5.96 - UNCH	.4619	----	115	----	----	424	UNCH
5300		----	----	6.54B/----	6.54B/----	----	6.45 - UNCH	.4910	----	----	----	----	750	UNCH
5350		----	----	6.80B/----	6.80B/----	----	6.71 - UNCH	.5057	----	----	----	----	250	UNCH
5400		----	----	7.06B/----	7.06B/----	----	6.97 - UNCH	.5204	----	----	----	----	454	UNCH
5500	7.66	7.66	----	7.66/7.54A	7.66/7.54A	----	7.52 - UNCH	.5499	----	----	7	----	3696 +	7
5550		----	----	7.88B/----	7.88B/----	----	7.80 - 0.01	.5647	----	----	----	----	500	UNCH
5														



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ENERGY OPTIONS

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Table with columns: LO, PUT, JUN19, 5500, TOTAL, DEC19, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5050, 5100, 5300, 5500, 5550, 6600, 7000, TOTAL, JUN20, 5300, 5600, TOTAL, DEC20, 2000, 3000, 3500, 4000, 4800, 5000, 5300, 7000, 9100, TOTAL, DEC21, 7000, 8100, TOTAL, OH CALL, OCT17, 12500, 13400, 14000, 14200, 14300, 14500, 14600, 14700, 14800, 14900, 15000, 15100, 15200, 15400, 15500, 15800, 16000, 16100, 16300, 16400, 16500, 16600, 16700, 16800, 16900, 17000, 17100, 17200, 17300, 17400, 17500, 17600, 17700, 17800, 17900, 18000, 18100, 18200, 18300, 18400, 18500, 18600, 18700, 18800, 19000, 19500, 20000, 20200, 20400, 20500, 21000, 21400, 23300, 23700, TOTAL, NOV17, 13700, 13900, 14000, 14200, 14300, 14500, 14600, 14700, 14900, 15000, 15100, 15200, 15400, 15500, 15600, 15700, 15800, 15900, 16000, 16100, 16200, 16300, 16400, 16500. Rows contain contract details, prices, and volumes.



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Table with columns: OH 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 NOV17, DEC17, and JAN18 contracts for NYMEX HEATING OIL (PHY) OPTIONS.

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Table with columns: LN CALL, NYMEX NATURAL GAS (EURO) OPTS, 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 contract months from DEC17 to JAN18.

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CME Group, Inc.

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FINAL

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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
CALL	OPEN	RANGE	HIGH/LOW	HIGH/LOW	RANGE	CLOSE	& PT.CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
NYMEX NATURAL GAS (EURO) OPTS													
DEC18							0.2815	+ 0.0051	5017				10
3260							0.2657	+ 0.0047	4828				240
3300							0.2295	+ 0.0039	4370				350
3400							0.1974	+ 0.0032	3931				4578
3500							0.1341	+ 0.0017	2954				2464
3750							0.1239	+ 0.0014	2781				160
3800							0.0898	+ 0.0006	2161				1825
4000							0.0609	UNCH	1570				254
4250							0.0484	- 0.0001	1293				55
4400							0.0449	- 0.0001	1212				50
4450							0.0416	- 0.0001	1135				665
4500							0.0357	- 0.0003	0995				135
4600							0.0286	- 0.0003	0819				800
4750							0.0266	- 0.0003	0768				25
4800							0.0199	- 0.0003	0593				464
5000							0.0139	- 0.0003	0430				25
5250							0.0099	- 0.0003	0315				76
5500							0.0067	- 0.0002	0220				2
5800							0.0052	- 0.0002	0173				359
6000							0.0029	- 0.0001	0100				260
6500							0.0022	- 0.0001	0077				50
7000							0.0017	- 0.0001	0060				61
7250							0.0013	- 0.0001	0046				20
7500							0.0010	- 0.0001	0036				100
8000							0.0006	- 0.0001	0022				25
9000							0.0003	UNCH	0011				100
10000							0.0001	- 0.0001	0004				10
TOTAL													19335
JAN19													
2800							0.5807	+ 0.0133	.7527				50
2850							0.5501	+ 0.0125	.7309				15
2890							0.5275	+ 0.0119	.7149				20
2900							0.5221	+ 0.0118	.7102				20
2950							0.4962	+ 0.0113	.6854				125
2980							0.4815	+ 0.0110	.6725				19
3000							0.4718	+ 0.0108	.6626				886
3010							0.4671	+ 0.0107	.6587				2
3050							0.4486	+ 0.0103	.6400				25
3100							0.4270	+ 0.0098	.6179				45
3150							0.4068	+ 0.0094	.5960				6
3250							0.3697	+ 0.0087	.5541				1183
3300							0.3525	+ 0.0083	.5341				200
3450							0.3066	+ 0.0074	.4781				60
3500							0.2931	+ 0.0070	.4609				1737
3750							0.2373	+ 0.0056	.3850				1153
4000							0.1966	+ 0.0045	.3250				1100
4250							0.1667	+ 0.0038	.2781				204
4500							0.1427	+ 0.0033	.2400				175
4650							0.1311	+ 0.0030	.2210				55
4750							0.1244	+ 0.0028	.2098				150
5000							0.1098	+ 0.0025	.1852				105
5150							0.1018	+ 0.0024	.1720				50
5250							0.0966	+ 0.0023	.1636				100
5500							0.0833	+ 0.0022	.1430				125
6000							0.0595	+ 0.0017	.1064				572
6500							0.0417	+ 0.0012	.0780				50
7000							0.0287	+ 0.0009	.0562				10
7500							0.0198	+ 0.0006	.0405				10
9000							0.0067	+ 0.0003	.0153				400
TOTAL													8652
FEB19													
2800							0.5899	+ 0.0141	.7353				50
2850							0.5619	+ 0.0135	.7143				15
2890							0.5410	+ 0.0131	.6989				20
2900							0.5360	+ 0.0131	.6945				20
2950							0.5114	+ 0.0126	.6719				125
2980							0.4972	+ 0.0124	.6599				19
3000							0.4880	+ 0.0123	.6510				886
3010							0.4835	+ 0.0122	.6471				2
3050							0.4659	+ 0.0118	.6302				25
3100							0.4453	+ 0.0114	.6098				45
3150							0.4258	+ 0.0110	.5898				6
3250							0.3897	+ 0.0104	.5513				1613
3300							0.3729	+ 0.0100	.5330				200
3450							0.3277	+ 0.0090	.4813				60
3500							0.3144	+ 0.0087	.4653				1737
3750							0.2582	+ 0.0073	.3942				1103
4000							0.2162	+ 0.0060	.3369				900
4250							0.1851	+ 0.0052	.2915				204
4500							0.1599	+ 0.0045	.2540				175
4650							0.1473	+ 0.0041	.2349				55
4750							0.1400	+ 0.0039	.2236				150
5000							0.1243	+ 0.0034	.1989				105
5150							0.1161	+ 0.0032	.1859				50
5250							0.1109	+ 0.0032	.1778				100
5500							0.0980	+ 0.0029	.1583				125
6000							0.0729	+ 0.0025	.1219				570
6500							0.0535	+ 0.0019	.0929				50
7000							0.0384	+ 0.0015	.0696				10
7500							0.0275	+ 0.0011	.0519				10
9000							0.0104	+ 0.0005	.0218				400
TOTAL													8830
MAR19													
2800							0.5711	+ 0.0129	.7038				50
2850							0.5462	+ 0.0124	.6837				15
2890							0.5272	+ 0.0123	.6683				20
2900							0.5225	+ 0.0122	.6643				20
2950							0.5000	+ 0.0118	.6440				125
2980							0.4871	+ 0.0115	.6323				19
3000							0.4788	+ 0.0114	.6245				886
3010							0.4747	+ 0.0113	.6206				2
3050							0.4588	+ 0.0109	.6054				25
3100							0.4399	+ 0.0106	.5865				45
3150							0.4218	+ 0.0103	.5683				6
3250							0.3879	+ 0.0096	.5332				2033
3300							0.3722	+ 0.0093	.5164				200
3450							0.3299	+ 0.0083	.4693				60
3500							0.3174	+ 0.0081	.4547				1737
3700													



2017 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

FINAL

PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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.

LN	CALL	NYMEX	NATURAL	GAS (EURO)	OPTS	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
TOTAL												12383
APR19												
2600	----	----	----	----	----	0.3533 + 0.0151	.6622	----	----	----	----	25 UNCH
2750	----	----	----	----	----	0.2753 + 0.0130	.5707	----	----	----	----	1250 UNCH
2800	----	----	----	----	----	0.2527 + 0.0123	.5399	----	----	----	----	50 UNCH
2850	----	----	----	----	----	0.2315 + 0.0116	.5096	----	----	----	----	15 UNCH
2890	----	----	----	----	----	0.2156 + 0.0111	.4857	----	----	----	----	20 UNCH
2900	----	----	----	----	----	0.2118 + 0.0110	.4798	----	----	----	----	20 UNCH
2950	----	----	----	----	----	0.1935 + 0.0104	.4508	----	----	----	----	125 UNCH
2980	----	----	----	----	----	0.1831 + 0.0099	.4338	----	----	----	----	19 UNCH
3000	----	----	----	----	----	0.1765 + 0.0097	.4226	----	----	----	----	955 UNCH
3010	----	----	----	----	----	0.1732 + 0.0095	.4170	----	----	----	----	2 UNCH
3100	----	----	----	----	----	0.1465 + 0.0083	.3692	----	----	----	----	130 UNCH
3150	----	----	----	----	----	0.1333 + 0.0076	.3442	----	----	----	----	6 UNCH
3250	----	----	----	----	----	0.1107 + 0.0061	.2983	----	----	----	----	443 UNCH
3300	----	----	----	----	----	0.1011 + 0.0055	.2776	----	----	----	----	200 UNCH
3400	----	----	----	----	----	0.0846 + 0.0045	.2401	----	----	----	----	100 UNCH
3450	----	----	----	----	----	0.0776 + 0.0038	.2235	----	----	----	----	30 UNCH
3500	----	----	----	----	----	0.0715 + 0.0032	.2083	----	----	----	----	1479 UNCH
3750	----	----	----	----	----	0.0503 + 0.0022	.1513	----	----	----	----	1025 UNCH
4000	----	----	----	----	----	0.0345 + 0.0020	.1081	----	----	----	----	1220 UNCH
4250	----	----	----	----	----	0.0228 + 0.0015	.0751	----	----	----	----	204 UNCH
4500	----	----	----	----	----	0.0150 + 0.0011	.0517	----	----	----	----	125 UNCH
4650	----	----	----	----	----	0.0117 + 0.0009	.0414	----	----	----	----	55 UNCH
4750	----	----	----	----	----	0.0099 + 0.0007	.0356	----	----	----	----	125 UNCH
5000	----	----	----	----	----	0.0065 + 0.0005	.0243	----	----	----	----	675 UNCH
5150	----	----	----	----	----	0.0051 + 0.0004	.0195	----	----	----	----	50 UNCH
5250	----	----	----	----	----	0.0043 + 0.0004	.0166	----	----	----	----	100 UNCH
5500	----	----	----	----	----	0.0028 + 0.0003	.0112	----	----	----	----	25 UNCH
6000	----	----	----	----	----	0.0012 + 0.0001	.0051	----	----	----	----	517 UNCH
6500	----	----	----	----	----	0.0005 UNCH	.0022	----	----	----	----	50 UNCH
7000	----	----	----	----	----	0.0002 UNCH	.0009	----	----	----	----	10 UNCH
7500	----	----	----	----	----	0.0001 UNCH	.0005	----	----	----	----	10 UNCH
9000	----	----	----	----	----	0.0001 UNCH	.0000	----	----	----	----	400 UNCH
TOTAL												9460
MAY19												
2600	----	----	----	----	----	0.3291 + 0.0147	.6448	----	----	----	----	25 UNCH
2750	----	----	----	----	----	0.2540 + 0.0123	.5504	----	----	----	----	250 UNCH
2800	----	----	----	----	----	0.2323 + 0.0116	.5191	----	----	----	----	50 UNCH
2850	----	----	----	----	----	0.2121 + 0.0110	.4883	----	----	----	----	15 UNCH
2890	----	----	----	----	----	0.1970 + 0.0105	.4643	----	----	----	----	20 UNCH
2900	----	----	----	----	----	0.1934 + 0.0104	.4583	----	----	----	----	20 UNCH
2950	----	----	----	----	----	0.1760 + 0.0096	.4291	----	----	----	----	125 UNCH
2980	----	----	----	----	----	0.1663 + 0.0092	.4121	----	----	----	----	19 UNCH
3000	----	----	----	----	----	0.1601 + 0.0089	.4010	----	----	----	----	955 UNCH
3010	----	----	----	----	----	0.1570 + 0.0087	.3954	----	----	----	----	2 UNCH
3100	----	----	----	----	----	0.1321 + 0.0075	.3480	----	----	----	----	130 UNCH
3150	----	----	----	----	----	0.1200 + 0.0066	.3235	----	----	----	----	6 UNCH
3250	----	----	----	----	----	0.0995 + 0.0052	.2792	----	----	----	----	439 UNCH
3300	----	----	----	----	----	0.0909 + 0.0048	.2594	----	----	----	----	200 UNCH
3450	----	----	----	----	----	0.0700 + 0.0027	.2084	----	----	----	----	30 UNCH
3500	----	----	----	----	----	0.0648 + 0.0022	.1946	----	----	----	----	1090 UNCH
3750	----	----	----	----	----	0.0458 + 0.0019	.1413	----	----	----	----	1025 UNCH
4000	----	----	----	----	----	0.0308 + 0.0018	.0994	----	----	----	----	1220 UNCH
4250	----	----	----	----	----	0.0201 + 0.0013	.0683	----	----	----	----	204 UNCH
4500	----	----	----	----	----	0.0131 + 0.0008	.0466	----	----	----	----	125 UNCH
4650	----	----	----	----	----	0.0102 + 0.0007	.0372	----	----	----	----	55 UNCH
4750	----	----	----	----	----	0.0086 + 0.0006	.0318	----	----	----	----	125 UNCH
5000	----	----	----	----	----	0.0056 + 0.0004	.0216	----	----	----	----	675 UNCH
5150	----	----	----	----	----	0.0044 + 0.0004	.0173	----	----	----	----	50 UNCH
5250	----	----	----	----	----	0.0037 + 0.0004	.0147	----	----	----	----	100 UNCH
5500	----	----	----	----	----	0.0024 + 0.0002	.0099	----	----	----	----	25 UNCH
6000	----	----	----	----	----	0.0010 + 0.0001	.0044	----	----	----	----	516 UNCH
6500	----	----	----	----	----	0.0004 UNCH	.0018	----	----	----	----	50 UNCH
7000	----	----	----	----	----	0.0002 UNCH	.0009	----	----	----	----	10 UNCH
7500	----	----	----	----	----	0.0001 UNCH	.0005	----	----	----	----	10 UNCH
9000	----	----	----	----	----	0.0001 UNCH	.0000	----	----	----	----	400 UNCH
TOTAL												7966
JUN19												
2600	----	----	----	----	----	0.3460 + 0.0161	.6581	----	----	----	----	25 UNCH
2750	----	----	----	----	----	0.2688 + 0.0137	.5656	----	----	----	----	250 UNCH
2800	----	----	----	----	----	0.2464 + 0.0129	.5345	----	----	----	----	50 UNCH
2850	----	----	----	----	----	0.2256 + 0.0123	.5040	----	----	----	----	15 UNCH
2890	----	----	----	----	----	0.2099 + 0.0117	.4800	----	----	----	----	20 UNCH
2900	----	----	----	----	----	0.2061 + 0.0115	.4741	----	----	----	----	20 UNCH
2950	----	----	----	----	----	0.1881 + 0.0108	.4449	----	----	----	----	125 UNCH
2980	----	----	----	----	----	0.1779 + 0.0103	.4278	----	----	----	----	19 UNCH
3000	----	----	----	----	----	0.1714 + 0.0100	.4166	----	----	----	----	955 UNCH
3010	----	----	----	----	----	0.1682 + 0.0098	.4111	----	----	----	----	2 UNCH
3100	----	----	----	----	----	0.1421 + 0.0086	.3633	----	----	----	----	130 UNCH
3150	----	----	----	----	----	0.1292 + 0.0077	.3384	----	----	----	----	6 UNCH
3250	----	----	----	----	----	0.1074 + 0.0062	.2931	----	----	----	----	439 UNCH
3300	----	----	----	----	----	0.0981 + 0.0055	.2726	----	----	----	----	200 UNCH
3450	----	----	----	----	----	0.0757 + 0.0037	.2198	----	----	----	----	30 UNCH
3500	----	----	----	----	----	0.0699 + 0.0030	.2051	----	----	----	----	1090 UNCH
3750	----	----	----	----	----	0.0496 + 0.0020	.1496	----	----	----	----	1025 UNCH
4000	----	----	----	----	----	0.0341 + 0.0021	.1070	----	----	----	----	1220 UNCH
4250	----	----	----	----	----	0.0226 + 0.0016	.0745	----	----	----	----	204 UNCH
4500	----	----	----	----	----	0.0149 + 0.0011	.0514	----	----	----	----	125 UNCH
4650	----	----	----	----	----	0.0116 + 0.0008	.0411	----	----	----	----	55 UNCH
4750	----	----	----	----	----	0.0099 + 0.0008	.0356	----	----	----	----	125 UNCH
5000	----	----	----	----	----	0.0066 + 0.0006	.0246	----	----	----	----	675 UNCH
5150	----	----	----	----	----	0.0051 + 0.0004	.0194	----	----	----	----	50 UNCH
5250	----	----	----	----	----	0.0043 + 0.0004	.0166	----	----	----	----	100 UNCH
5500	----	----	----	----	----	0.0028 + 0.0002	.0112	----	----	----	----	25 UNCH
5750	----	----	----	----	----	0.0019 + 0.0002	.0078	----	----	----	----	13 UNCH
6000	----	----	----	----	----	0.0012 + 0.0001	.0051	----	----	----	----	515 UNCH
6500	----	----	----	----	----	0.0005 UNCH	.0022	----	----	----	----	50 UNCH
7000	----	----	----	----	----	0.0003 + 0.0001	.0013	----	----	----	----	10 UNCH
7500	----	----	----	----	----	0.0001 UNCH	.0005	----	----	----	----	10 UNCH
9000	----	----	----	----	----	0.0001 UNCH	.0000	----	----	----	----	400 UNCH
TOTAL												7978
JUL19												
2700	----	----	----	----	----	0.3089 + 0.0151	.6					



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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.

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 JUL19, AUG19, SEP19, OCT19, NOV19 and various contract months.



PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 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.

LN	CALL	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT. PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
		OPEN	RANGE	HIGH/LOW	HIGH/LOW	RANGE	& PT. CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
NYMEX NATURAL GAS (EURO) OPTS													
NOV19													
3250	----	----	----	----	----	----	0.1699 + 0.0083	.3732	----	----	----	----	514 UNCH
3300	----	----	----	----	----	----	0.1571 + 0.0078	.3520	----	----	----	----	200 UNCH
3500	----	----	----	----	----	----	0.1146 + 0.0060	.2759	----	----	----	----	900 UNCH
3750	----	----	----	----	----	----	0.0775 + 0.0040	.2010	----	----	----	----	1025 UNCH
4000	----	----	----	----	----	----	0.0535 + 0.0026	.1467	----	----	----	----	835 UNCH
4250	----	----	----	----	----	----	0.0384 + 0.0014	.1092	----	----	----	----	204 UNCH
4500	----	----	----	----	----	----	0.0294 + 0.0009	.0848	----	----	----	----	125 UNCH
4650	----	----	----	----	----	----	0.0251 + 0.0011	.0730	----	----	----	----	55 UNCH
4750	----	----	----	----	----	----	0.0223 + 0.0012	.0655	----	----	----	----	125 UNCH
5000	----	----	----	----	----	----	0.0163 + 0.0008	.0493	----	----	----	----	105 UNCH
5150	----	----	----	----	----	----	0.0136 + 0.0008	.0418	----	----	----	----	50 UNCH
5250	----	----	----	----	----	----	0.0120 + 0.0007	.0373	----	----	----	----	100 UNCH
5500	----	----	----	----	----	----	0.0088 + 0.0005	.0281	----	----	----	----	25 UNCH
6000	----	----	----	----	----	----	0.0045 + 0.0004	.0152	----	----	----	----	459 UNCH
6500	----	----	----	----	----	----	0.0022 + 0.0002	.0079	----	----	----	----	50 UNCH
7000	----	----	----	----	----	----	0.0011 + 0.0001	.0041	----	----	----	----	10 UNCH
7500	----	----	----	----	----	----	0.0005	.0020	----	----	----	----	10 UNCH
9000	----	----	----	----	----	----	0.0001	.0004	----	----	----	----	400 UNCH
TOTAL													6275
DEC19													
2800	----	----	----	----	----	----	0.4355 + 0.0151	.6662	----	----	----	----	50 UNCH
2850	----	----	----	----	----	----	0.4090 + 0.0146	.6422	----	----	----	----	40 UNCH
2890	----	----	----	----	----	----	0.3887 + 0.0142	.6230	----	----	----	----	20 UNCH
2900	----	----	----	----	----	----	0.3837 + 0.0140	.6180	----	----	----	----	20 UNCH
2950	----	----	----	----	----	----	0.3596 + 0.0135	.5934	----	----	----	----	125 UNCH
2980	----	----	----	----	----	----	0.3458 + 0.0132	.5785	----	----	----	----	19 UNCH
3000	----	----	----	----	----	----	0.3368 + 0.0130	.5688	----	----	----	----	833 UNCH
3010	----	----	----	----	----	----	0.3324 + 0.0129	.5639	----	----	----	----	2 UNCH
3100	----	----	----	----	----	----	0.2946 + 0.0118	.5205	----	----	----	----	15 UNCH
3150	----	----	----	----	----	----	0.2754 + 0.0113	.4970	----	----	----	----	6 UNCH
3250	----	----	----	----	----	----	0.2400 + 0.0102	.4516	----	----	----	----	514 UNCH
3300	----	----	----	----	----	----	0.2239 + 0.0097	.4297	----	----	----	----	200 UNCH
3500	----	----	----	----	----	----	0.1689 + 0.0077	.3490	----	----	----	----	950 UNCH
3750	----	----	----	----	----	----	0.1181 + 0.0056	.2644	----	----	----	----	1025 UNCH
4000	----	----	----	----	----	----	0.0831 + 0.0039	.1985	----	----	----	----	1135 UNCH
4250	----	----	----	----	----	----	0.0594 + 0.0026	.1493	----	----	----	----	204 UNCH
4500	----	----	----	----	----	----	0.0437 + 0.0015	.1139	----	----	----	----	125 UNCH
4650	----	----	----	----	----	----	0.0375 + 0.0011	.0987	----	----	----	----	55 UNCH
4750	----	----	----	----	----	----	0.0341 + 0.0010	.0902	----	----	----	----	125 UNCH
5000	----	----	----	----	----	----	0.0269 + 0.0012	.0721	----	----	----	----	105 UNCH
5150	----	----	----	----	----	----	0.0227 + 0.0010	.0618	----	----	----	----	50 UNCH
5250	----	----	----	----	----	----	0.0203 + 0.0009	.0559	----	----	----	----	100 UNCH
5500	----	----	----	----	----	----	0.0154 + 0.0007	.0434	----	----	----	----	25 UNCH
6000	----	----	----	----	----	----	0.0089 + 0.0005	.0263	----	----	----	----	458 UNCH
6500	----	----	----	----	----	----	0.0049 + 0.0004	.0152	----	----	----	----	50 UNCH
7000	----	----	----	----	----	----	0.0026 + 0.0003	.0085	----	----	----	----	10 UNCH
7500	----	----	----	----	----	----	0.0013 + 0.0001	.0045	----	----	----	----	10 UNCH
9000	----	----	----	----	----	----	0.0002	.0008	----	----	----	----	400 UNCH
TOTAL													6671
JAN20													
2810	----	----	----	----	----	----	0.5161 + 0.0157	.7017	----	----	----	----	11 UNCH
2850	----	----	----	----	----	----	0.4937 + 0.0153	.6836	----	----	----	----	60 UNCH
2900	----	----	----	----	----	----	0.4668 + 0.0149	.6599	----	----	----	----	16 UNCH
2910	----	----	----	----	----	----	0.4616 + 0.0148	.6565	----	----	----	----	11 UNCH
2940	----	----	----	----	----	----	0.4461 + 0.0145	.6429	----	----	----	----	12 UNCH
2950	----	----	----	----	----	----	0.4410 + 0.0144	.6384	----	----	----	----	12 UNCH
3000	----	----	----	----	----	----	0.4163 + 0.0139	.6158	----	----	----	----	310 UNCH
3250	----	----	----	----	----	----	0.3090 + 0.0113	.5063	----	----	----	----	1160 UNCH
3500	----	----	----	----	----	----	0.2265 + 0.0092	.4064	----	----	----	----	485 UNCH
3750	----	----	----	----	----	----	0.1660 + 0.0055	.3211	----	----	15	695 +	15
4000	----	----	----	----	----	----	0.1297 + 0.0037	.2591	----	----	----	----	725 UNCH
4250	----	----	----	----	----	----	0.1030 + 0.0025	.2109	----	----	----	----	4 UNCH
4450	----	----	----	----	----	----	0.0875 + 0.0020	.1812	----	----	----	----	50 UNCH
5000	----	----	----	----	----	----	0.0548 + 0.0021	.1185	----	----	----	----	100 UNCH
5150	----	----	----	----	----	----	0.0476 + 0.0020	.1046	----	----	----	----	25 UNCH
5200	----	----	----	----	----	----	0.0454 + 0.0019	.1003	----	----	----	----	75 UNCH
6000	----	----	----	----	----	----	0.0205 + 0.0010	.0497	----	----	----	----	32 UNCH
TOTAL												15	3783 + 15
FEB20													
2810	----	----	----	----	----	----	0.5258 + 0.0154	.6856	----	----	----	----	11 UNCH
2850	----	----	----	----	----	----	0.5045 + 0.0151	.6688	----	----	----	----	60 UNCH
2900	----	----	----	----	----	----	0.4787 + 0.0145	.6472	----	----	----	----	16 UNCH
2910	----	----	----	----	----	----	0.4737 + 0.0143	.6435	----	----	----	----	11 UNCH
2940	----	----	----	----	----	----	0.4590 + 0.0142	.6310	----	----	----	----	12 UNCH
2950	----	----	----	----	----	----	0.4541 + 0.0141	.6268	----	----	----	----	12 UNCH
3000	----	----	----	----	----	----	0.4305 + 0.0137	.6061	----	----	----	----	310 UNCH
3250	----	----	----	----	----	----	0.3270 + 0.0114	.5050	----	----	----	----	1160 UNCH
3500	----	----	----	----	----	----	0.2459 + 0.0093	.4127	----	----	----	----	485 UNCH
3750	----	----	----	----	----	----	0.1846 + 0.0060	.3328	----	----	15	695 +	15
4000	----	----	----	----	----	----	0.1463 + 0.0039	.2729	----	----	----	----	725 UNCH
4250	----	----	----	----	----	----	0.1181 + 0.0031	.2259	----	----	----	----	4 UNCH
4450	----	----	----	----	----	----	0.1010 + 0.0024	.1959	----	----	----	----	50 UNCH
5000	----	----	----	----	----	----	0.0667 + 0.0023	.1341	----	----	----	----	100 UNCH
5150	----	----	----	----	----	----	0.0587 + 0.0021	.1199	----	----	----	----	25 UNCH
5200	----	----	----	----	----	----	0.0563 + 0.0021	.1155	----	----	----	----	75 UNCH
6000	----	----	----	----	----	----	0.0278 + 0.0012	.0621	----	----	----	----	31 UNCH
TOTAL												15	3782 + 15
MAR20													
2810	----	----	----	----	----	----	0.5157 + 0.0147	.6603	----	----	----	----	11 UNCH
2850	----	----	----	----	----	----	0.4958 + 0.0144	.6444	----	----	----	----	60 UNCH
2900	----	----	----	----	----	----	0.4718 + 0.0140	.6248	----	----	----	----	16 UNCH
2910	----	----	----	----	----	----	0.4671 + 0.0140	.6207	----	----	----	----	11 UNCH
2940	----	----	----	----	----	----	0.4533 + 0.0137	.6090	----	----	----	----	12 UNCH
2950	----	----	----	----	----	----	0.4487 + 0.0136	.6051	----	----	----	----	12 UNCH
3000	----	----	----	----	----	----	0.4266 + 0.0132	.5858	----	----	----	----	310 UNCH
3250	----	----	----	----	----	----	0.3296 + 0.0111	.4922	----	----	----	----	1160 UNCH
3500	----	----	----	----	----	----	0.2528 + 0.0091	.4072	----	----	----	----	485 UNCH
3750	----	----	----	----	----	----	0.1943 + 0.0060	.3338	----	----	15	695 +	15
4000</													



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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 APR20, MAY20, JUN20, JUL20, AUG20, SEP20, OCT20, NOV20 with various contract specifications and market data.



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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 AUG21 to AUG22 with various contract specifications and volume data.

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LN	CALL	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
		OPEN	RANGE	HIGH/LOW	OPEN	RANGE	& PT.CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
										VOLUME			
NYMEX NATURAL GAS (EURO) OPTS													
AUG22							0.0081	UNCH	.0242				18
6000	----	----	----	----	----	----							573
TOTAL													
SEP22							0.2948	+ 0.0065	.5188				50
2850	----	----	----	----	----	----	0.1774	+ 0.0043	.3571				200
3250	----	----	----	----	----	----	0.1279	+ 0.0032	.2768				152
3500	----	----	----	----	----	----	0.0677	+ 0.0013	.1638				80
4000	----	----	----	----	----	----	0.0381	+ 0.0005	.0991				42
4500	----	----	----	----	----	----	0.0309	+ 0.0004	.0820				30
4700	----	----	----	----	----	----	0.0086	+ 0.0001	.0254				17
6000	----	----	----	----	----	----							571
TOTAL													
OCT22							0.3119	+ 0.0067	.5334				50
2850	----	----	----	----	----	----	0.1900	+ 0.0044	.3713				200
3250	----	----	----	----	----	----	0.1382	+ 0.0035	.2902				153
3500	----	----	----	----	----	----	0.0740	+ 0.0015	.1739				80
4000	----	----	----	----	----	----	0.0420	+ 0.0006	.1062				42
4500	----	----	----	----	----	----	0.0341	+ 0.0005	.0881				30
4700	----	----	----	----	----	----	0.0097	+ 0.0001	.0279				17
6000	----	----	----	----	----	----							572
TOTAL													
NOV22							0.3526	+ 0.0071	.5675				50
2850	----	----	----	----	----	----	0.2199	+ 0.0048	.4040				200
3250	----	----	----	----	----	----	0.1627	+ 0.0039	.3207				152
3500	----	----	----	----	----	----	0.0885	+ 0.0020	.1964				80
4000	----	----	----	----	----	----	0.0498	+ 0.0008	.1202				42
4500	----	----	----	----	----	----	0.0406	+ 0.0004	.1002				30
4700	----	----	----	----	----	----	0.0123	+ 0.0001	.0335				17
6000	----	----	----	----	----	----							571
TOTAL													
DEC22							0.4378	+ 0.0078	.6330				50
2850	----	----	----	----	----	----	0.2835	+ 0.0059	.4673				200
3250	----	----	----	----	----	----	0.2137	+ 0.0045	.3789				153
3500	----	----	----	----	----	----	0.1202	+ 0.0027	.2411				80
4000	----	----	----	----	----	----	0.0688	+ 0.0014	.1513				42
4500	----	----	----	----	----	----	0.0556	+ 0.0009	.1259				30
4700	----	----	----	----	----	----	0.0174	+ 0.0002	.0438				17
6000	----	----	----	----	----	----							572
TOTAL													
JAN23							0.3368	+ 0.0064	.5128				200
3250	----	----	----	----	----	----	0.2577	+ 0.0054	.4224				53
3500	----	----	----	----	----	----	0.1477	+ 0.0034	.2758				30
4000	----	----	----	----	----	----	0.0858	+ 0.0014	.1766				42
4500	----	----	----	----	----	----	0.0705	+ 0.0010	.1490				30
4700	----	----	----	----	----	----	0.0429	+ 0.0003	.0956				30
5250	----	----	----	----	----	----	0.0350	+ 0.0003	.0794				16
5500	----	----	----	----	----	----	0.0231	+ 0.0003	.0543				16
6000	----	----	----	----	----	----							451
TOTAL													
FEB23							0.3246	+ 0.0064	.5015				200
3250	----	----	----	----	----	----	0.2479	+ 0.0053	.4120				50
3500	----	----	----	----	----	----	0.1418	+ 0.0033	.2681				30
4000	----	----	----	----	----	----	0.0832	+ 0.0012	.1724				42
4500	----	----	----	----	----	----	0.0689	+ 0.0009	.1461				30
4700	----	----	----	----	----	----	0.0427	+ 0.0003	.0950				30
5250	----	----	----	----	----	----	0.0351	+ 0.0003	.0793				16
5500	----	----	----	----	----	----	0.0232	+ 0.0003	.0544				16
6000	----	----	----	----	----	----							448
TOTAL													
MAR23							0.2985	+ 0.0060	.4768				200
3250	----	----	----	----	----	----	0.2269	+ 0.0050	.3895				53
3500	----	----	----	----	----	----	0.1290	+ 0.0030	.2511				30
4000	----	----	----	----	----	----	0.0763	+ 0.0012	.1617				42
4500	----	----	----	----	----	----	0.0632	+ 0.0009	.1370				30
4700	----	----	----	----	----	----	0.0393	+ 0.0003	.0892				30
5250	----	----	----	----	----	----	0.0322	+ 0.0003	.0743				16
5500	----	----	----	----	----	----	0.0213	+ 0.0003	.0510				16
6000	----	----	----	----	----	----							451
TOTAL													
APR23							0.1749	+ 0.0045	.3468				200
3250	----	----	----	----	----	----	0.1275	+ 0.0036	.2712				52
3500	----	----	----	----	----	----	0.0693	+ 0.0013	.1641				30
4000	----	----	----	----	----	----	0.0411	+ 0.0004	.1034				42
4500	----	----	----	----	----	----	0.0343	+ 0.0003	.0876				30
4700	----	----	----	----	----	----	0.0208	+ 0.0004	.0554				30
5250	----	----	----	----	----	----	0.0166	+ 0.0003	.0451				16
5500	----	----	----	----	----	----	0.0107	+ 0.0002	.0301				16
6000	----	----	----	----	----	----							450
TOTAL													
MAY23							0.1710	+ 0.0045	.3415				200
3250	----	----	----	----	----	----	0.1247	+ 0.0035	.2669				53
3500	----	----	----	----	----	----	0.0681	+ 0.0013	.1618				30
4000	----	----	----	----	----	----	0.0404	+ 0.0005	.1020				42
4500	----	----	----	----	----	----	0.0337	+ 0.0003	.0864				30
4700	----	----	----	----	----	----	0.0204	+ 0.0003	.0546				30
5250	----	----	----	----	----	----	0.0163	+ 0.0003	.0444				16
5500	----	----	----	----	----	----	0.0105	+ 0.0002	.0296				16
6000	----	----	----	----	----	----							451
TOTAL													
JUN23							0.1810	+ 0.0046	.3529				200
3250	----	----	----	----	----	----	0.1328	+ 0.0036	.2774				52
3500	----	----	----	----	----	----	0.0732	+ 0.0013	.1699				30
4000	----	----	----	----	----	----	0.0440	+ 0.0005	.1084				42
4500	----	----	----	----	----	----	0.0368	+ 0.0003	.0920				30
4700	----	----	----	----	----	----	0.0227	+ 0.0004	.0591				30
5250	----	----	----	----	----	----	0.0182	+ 0.0003	.0483				16
5500	----	----	----	----	----	----	0.0119	+ 0.0002	.0326				16
6000	----	----	----	----	----	----							450
TOTAL													
JUL23							0.1926	+ 0.0046	.3655				200
3250	----	----	----	----	----	----	0.1424	+ 0.0035	.2893				53
3500	----	----	----	----	----	----	0.0792	+ 0.0014	.1790				30
4000	----	----	----	----	----	----	0.0478	+ 0.0005	.1149				42
4500	----	----	----	----	----	----	0.0400	+ 0.0003	.0977				30
4700	----	----	----	----	----	----	0.0250	+ 0.0003	.0635				



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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 Nymex Natural Gas (EURO) Opts, Dec17, and Jan18.

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.



PG63 BULLETIN #183@

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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 APR18, MAY18, JUN18, JUL18 with various contract specifications and volume data.



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LN	PUT	OPEN GLOBEX	OUTCRY	OPEN GLOBEX	OUTCRY	OPEN GLOBEX	OUTCRY	SETT. PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
		OPEN	RANGE	HIGH/LOW	HIGH/LOW	HIGH/LOW	RANGE	& PT. CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
TOTAL													50	17546
AUG18														
1500	----	----	----	----	----	----	----	0.0005 - 0.0001	.0021	----	----	----	----	150 UNCH
1750	----	----	----	----	----	----	----	0.0029 - 0.0005	.0107	----	----	----	----	100 UNCH
1900	----	----	----	----	----	----	----	0.0070 - 0.0009	.0238	----	----	----	----	100 UNCH
2000	----	----	----	----	----	----	----	0.0117 - 0.0014	.0375	----	----	1550	6669 +	1500 UNCH
2150	----	----	----	----	----	----	----	0.0233 - 0.0024	.0682	----	----	----	----	550 UNCH
2250	----	----	----	----	----	----	----	0.0351 - 0.0032	.0964	----	----	----	----	2250 UNCH
2300	----	----	----	----	----	----	----	0.0425 - 0.0036	.1130	----	----	----	----	52 UNCH
2350	----	----	----	----	----	----	----	0.0510 - 0.0039	.1312	----	----	----	----	10 UNCH
2450	----	----	----	----	----	----	----	0.0715 - 0.0048	.1722	----	----	----	----	150 UNCH
2500	----	----	----	----	----	----	----	0.0837 - 0.0052	.1950	----	----	----	----	4005 UNCH
2550	----	----	----	----	----	----	----	0.0972 - 0.0057	.2190	----	----	----	----	4 UNCH
2600	----	----	----	----	----	----	----	0.1121 - 0.0063	.2443	----	----	----	----	637 UNCH
2650	----	----	----	----	----	----	----	0.1284 - 0.0069	.2706	----	----	----	----	30 UNCH
2700	----	----	----	----	----	----	----	0.1462 - 0.0076	.2980	----	----	----	----	379 UNCH
2750	----	----	----	----	----	----	----	0.1654 - 0.0083	.3260	----	----	----	----	3121 UNCH
2800	----	----	----	----	----	----	----	0.1862 - 0.0088	.3548	----	----	----	----	368 UNCH
2850	----	----	----	----	----	----	----	0.2084 - 0.0092	.3840	----	----	----	----	163 UNCH
2900	----	----	----	----	----	----	----	0.2320 - 0.0096	.4134	----	----	----	----	400 UNCH
2950	----	----	----	----	----	----	----	0.2572 - 0.0100	.4431	----	----	----	----	160 UNCH
3000	----	----	----	----	----	----	----	0.2838 - 0.0107	.4727	----	----	----	----	793 UNCH
3050	----	----	----	----	----	----	----	0.3118 - 0.0113	.5019	----	----	----	----	20 UNCH
3100	----	----	----	----	----	----	----	0.3412 - 0.0121	.5308	----	----	----	----	15 UNCH
3250	----	----	----	----	----	----	----	0.4373 - 0.0131	.6136	----	----	----	----	425 UNCH
3400	----	----	----	----	----	----	----	0.5443 - 0.0139	.6887	----	----	----	----	50 UNCH
3500	----	----	----	----	----	----	----	0.6211 - 0.0142	.7334	----	----	----	----	56 UNCH
3750	----	----	----	----	----	----	----	0.8294 - 0.0153	.8227	----	----	----	----	100 UNCH
4000	----	----	----	----	----	----	----	1.0543 - 0.0158	.8824	----	----	----	----	255 UNCH
4150	----	----	----	----	----	----	----	1.1955 - 0.0165	.9043	----	----	----	----	100 UNCH
4400	----	----	----	----	----	----	----	1.4365 - 0.0171	.9259	----	----	----	----	15 UNCH
4450	----	----	----	----	----	----	----	1.4848 - 0.0172	.9296	----	----	----	----	50 UNCH
4500	----	----	----	----	----	----	----	1.5333 - 0.0172	.9330	----	----	----	----	50 UNCH
4600	----	----	----	----	----	----	----	1.6299 - 0.0174	.9401	----	----	----	----	90 UNCH
4800	----	----	----	----	----	----	----	1.8241 - 0.0175	.9517	----	----	----	----	25 UNCH
6500	----	----	----	----	----	----	----	3.4933 - 0.0178	.9903	----	----	----	----	10 UNCH
TOTAL												1550	21352 +	1500
SEP18														
1500	----	----	----	----	----	----	----	0.0007 - 0.0003	.0028	----	----	----	----	150 UNCH
1750	----	----	----	----	----	----	----	0.0041 - 0.0008	.0142	----	----	----	----	100 UNCH
1900	----	----	----	----	----	----	----	0.0093 - 0.0016	.0295	----	----	----	----	100 UNCH
2000	----	----	----	----	----	----	----	0.0150 - 0.0024	.0451	----	----	50	3244	UNCH
2150	----	----	----	----	----	----	----	0.0288 - 0.0038	.0790	----	----	----	----	550 UNCH
2250	----	----	----	----	----	----	----	0.0423 - 0.0048	.1089	----	----	----	----	2250 UNCH
2300	----	----	----	----	----	----	----	0.0506 - 0.0053	.1262	----	----	----	----	52 UNCH
2350	----	----	----	----	----	----	----	0.0601 - 0.0058	.1451	----	----	----	----	10 UNCH
2450	----	----	----	----	----	----	----	0.0826 - 0.0070	.1870	----	----	----	----	150 UNCH
2500	0.1000	0.1000	0.1000/*0.1001	0.1000/*0.1001	----	----	----	0.0957 - 0.0077	.2098	----	----	2	3212 +	2 UNCH
2550	----	----	----	----	----	----	----	0.1102 - 0.0083	.2339	----	----	----	----	4 UNCH
2600	----	----	----	----	----	----	----	0.1261 - 0.0090	.2591	----	----	----	----	637 UNCH
2650	----	----	----	----	----	----	----	0.1434 - 0.0098	.2851	----	----	----	----	30 UNCH
2700	----	----	----	----	----	----	----	0.1621 - 0.0105	.3120	----	----	----	----	379 UNCH
2750	----	----	----	----	----	----	----	0.1822 - 0.0113	.3395	----	----	----	----	3146 UNCH
2800	----	----	----	----	----	----	----	0.2038 - 0.0118	.3675	----	----	----	----	368 UNCH
2850	----	----	----	----	----	----	----	0.2268 - 0.0122	.3958	----	----	----	----	163 UNCH
2900	----	----	----	----	----	----	----	0.2512 - 0.0126	.4244	----	----	----	----	400 UNCH
2950	----	----	----	----	----	----	----	0.2770 - 0.0132	.4531	----	----	----	----	160 UNCH
3000	----	----	----	----	----	----	----	0.3043 - 0.0137	.4815	----	----	----	----	793 UNCH
3050	----	----	----	----	----	----	----	0.3327 - 0.0146	.5096	----	----	----	----	20 UNCH
3100	----	----	----	----	----	----	----	0.3627 - 0.0152	.5372	----	----	----	----	15 UNCH
3250	----	----	----	----	----	----	----	0.4597 - 0.0162	.6166	----	----	----	----	425 UNCH
3400	----	----	----	----	----	----	----	0.5673 - 0.0168	.6885	----	----	----	----	50 UNCH
3500	----	----	----	----	----	----	----	0.6441 - 0.0170	.7313	----	----	----	----	56 UNCH
3750	----	----	----	----	----	----	----	0.8518 - 0.0178	.8181	----	----	----	----	100 UNCH
4000	----	----	----	----	----	----	----	1.0756 - 0.0180	.8772	----	----	----	----	255 UNCH
4150	----	----	----	----	----	----	----	1.2158 - 0.0182	.9004	----	----	----	----	100 UNCH
4400	----	----	----	----	----	----	----	1.4558 - 0.0189	.9229	----	----	----	----	15 UNCH
4450	----	----	----	----	----	----	----	1.5042 - 0.0190	.9264	----	----	----	----	50 UNCH
4500	----	----	----	----	----	----	----	1.5526 - 0.0191	.9297	----	----	----	----	50 UNCH
4600	----	----	----	----	----	----	----	1.6493 - 0.0190	.9362	----	----	----	----	90 UNCH
4800	----	----	----	----	----	----	----	1.8430 - 0.0191	.9481	----	----	----	----	25 UNCH
6500	----	----	----	----	----	----	----	3.5089 - 0.0192	.9887	----	----	----	----	10 UNCH
TOTAL												2	50	17159 +
OCT18														
1500	----	----	----	----	----	----	----	0.0009 - 0.0003	.0034	----	----	----	----	150 UNCH
1750	----	----	----	----	----	----	----	0.0047 - 0.0009	.0154	----	----	----	----	100 UNCH
1900	----	----	----	----	----	----	----	0.0103 - 0.0017	.0311	----	----	----	----	100 UNCH
2000	----	----	----	----	----	----	----	0.0164 - 0.0025	.0468	----	----	50	3844	UNCH
2150	----	----	----	----	----	----	----	0.0307 - 0.0038	.0802	----	----	----	----	550 UNCH
2250	----	----	----	----	----	----	----	0.0445 - 0.0048	.1094	----	----	350	3975 +	100 UNCH
2300	----	----	----	----	----	----	----	0.0529 - 0.0053	.1261	----	----	----	----	52 UNCH
2350	----	----	----	----	----	----	----	0.0625 - 0.0058	.1443	----	----	----	----	10 UNCH
2450	----	----	----	----	----	----	----	0.0850 - 0.0069	.1845	----	----	----	----	150 UNCH
2500	----	----	----	----	----	----	----	0.0981 - 0.0075	.2064	----	----	----	----	3020 UNCH
2550	----	----	----	----	----	----	----	0.1125 - 0.0082	.2294	----	----	----	----	4 UNCH
2600	----	----	----	----	----	----	----	0.1282 - 0.0089	.2534	----	----	----	----	637 UNCH
2650	----	----	----	----	----	----	----	0.1453 - 0.0096	.2783	----	----	----	----	30 UNCH
2700	----	----	----	----	----	----	----	0.1637 - 0.0104	.3039	----	----	----	----	379 UNCH
2750	----	----	----	----	----	----	----	0.1835 - 0.0111	.3301	----	----	----	----	3069 UNCH
2800	----	----	----	----	----	----	----	0.2047 - 0.0117	.3569	----	----	----	----	368 UNCH
2850	----	----	----	----	----	----	----	0.2273 - 0.0120	.3840	----	----			



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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														
APR19														
2700		----	----	----	----	----	0.2117 - 0.0077	.3984	----	----	----	----	82	UNCH
2750		----	----	----	----	----	0.2362 - 0.0085	.4292	----	----	----	----	1166	UNCH
2800		----	----	----	----	----	0.2625 - 0.0092	.4600	----	----	----	----	89	UNCH
2810		----	----	----	----	----	0.2679 - 0.0094	.4662	----	----	----	----	20	UNCH
2850		----	----	----	----	----	0.2902 - 0.0100	.4903	----	----	----	----	50	UNCH
2950		----	----	----	----	----	0.3501 - 0.0111	.5491	----	----	----	----	125	UNCH
3000		----	----	----	----	----	0.3820 - 0.0119	.5773	----	----	----	----	176	UNCH
3400		----	----	----	----	----	0.6815 - 0.0171	.7598	----	----	----	----	100	UNCH
3500		----	----	----	----	----	0.7662 - 0.0185	.7916	----	----	----	----	50	UNCH
3750		----	----	----	----	----	0.9897 - 0.0195	.8486	----	----	----	----	25	UNCH
4000		----	----	----	----	----	1.2185 - 0.0197	.8918	----	----	----	----	230	UNCH
4650		----	----	----	----	----	1.8317 - 0.0210	.9585	----	----	----	----	55	UNCH
4750		----	----	----	----	----	1.9277 - 0.0212	.9643	----	----	----	----	125	UNCH
5150		----	----	----	----	----	2.3143 - 0.0216	.9805	----	----	----	----	50	UNCH
7000		----	----	----	----	----	4.1197 - 0.0222	.9990	----	----	----	----	10	UNCH
TOTAL													3602	
MAY19														
2000		----	----	----	----	----	0.0233 - 0.0012	.0717	----	----	----	----	300	UNCH
2200		----	----	----	----	----	0.0524 - 0.0025	.1410	----	----	----	----	75	UNCH
2250		----	----	----	----	----	0.0626 - 0.0029	.1628	----	----	----	----	235	UNCH
2350		----	----	----	----	----	0.0871 - 0.0040	.2113	----	----	----	----	70	UNCH
2500		----	----	----	----	----	0.1350 - 0.0056	.2946	----	----	----	----	515	UNCH
2550		----	----	----	----	----	0.1541 - 0.0062	.3245	----	----	----	----	4	UNCH
2600		----	----	----	----	----	0.1747 - 0.0068	.3551	----	----	----	----	50	UNCH
2700		----	----	----	----	----	0.2207 - 0.0083	.4178	----	----	----	----	82	UNCH
2750		----	----	----	----	----	0.2462 - 0.0092	.4495	----	----	----	----	166	UNCH
2800		----	----	----	----	----	0.2733 - 0.0100	.4808	----	----	----	----	89	UNCH
2810		----	----	----	----	----	0.2790 - 0.0099	.4874	----	----	----	----	20	UNCH
2850		----	----	----	----	----	0.3020 - 0.0105	.5116	----	----	----	----	50	UNCH
2950		----	----	----	----	----	0.3636 - 0.0120	.5708	----	----	----	----	125	UNCH
3000		----	----	----	----	----	0.3966 - 0.0126	.5990	----	----	----	----	176	UNCH
3500		----	----	----	----	----	0.7899 - 0.0194	.8053	----	----	----	----	50	UNCH
3750		----	----	----	----	----	1.0152 - 0.0197	.8586	----	----	----	----	25	UNCH
4000		----	----	----	----	----	1.2445 - 0.0199	.9005	----	----	----	----	230	UNCH
4650		----	----	----	----	----	1.8590 - 0.0212	.9627	----	----	----	----	55	UNCH
4750		----	----	----	----	----	1.9551 - 0.0213	.9681	----	----	----	----	125	UNCH
5150		----	----	----	----	----	2.3418 - 0.0215	.9827	----	----	----	----	50	UNCH
7000		----	----	----	----	----	4.1454 - 0.0223	.9990	----	----	----	----	10	UNCH
TOTAL													2502	
JUN19														
2000		----	----	----	----	----	0.0224 - 0.0013	.0684	----	----	----	----	300	UNCH
2200		----	----	----	----	----	0.0504 - 0.0026	.1347	----	----	----	----	75	UNCH
2250		----	----	----	----	----	0.0602 - 0.0031	.1556	----	----	----	----	235	UNCH
2350		----	----	----	----	----	0.0838 - 0.0042	.2023	----	----	----	----	70	UNCH
2500		----	----	----	----	----	0.1300 - 0.0060	.2829	----	----	----	----	515	UNCH
2550		----	----	----	----	----	0.1484 - 0.0066	.3119	----	----	----	----	4	UNCH
2600		----	----	----	----	----	0.1684 - 0.0073	.3418	----	----	----	----	50	UNCH
2700		----	----	----	----	----	0.2129 - 0.0088	.4032	----	----	----	----	82	UNCH
2750		----	----	----	----	----	0.2376 - 0.0097	.4343	----	----	----	----	166	UNCH
2800		----	----	----	----	----	0.2640 - 0.0105	.4654	----	----	----	----	89	UNCH
2810		----	----	----	----	----	0.2695 - 0.0105	.4717	----	----	----	----	20	UNCH
2850		----	----	----	----	----	0.2919 - 0.0112	.4959	----	----	----	----	50	UNCH
2950		----	----	----	----	----	0.3520 - 0.0127	.5550	----	----	----	----	125	UNCH
3000		----	----	----	----	----	0.3841 - 0.0135	.5833	----	----	----	----	176	UNCH
3500		----	----	----	----	----	0.7705 - 0.0205	.7948	----	----	----	----	50	UNCH
3750		----	----	----	----	----	0.9941 - 0.0216	.8503	----	----	----	----	25	UNCH
4000		----	----	----	----	----	1.2225 - 0.0216	.8929	----	----	----	----	243	UNCH
4650		----	----	----	----	----	1.8342 - 0.0230	.9588	----	----	----	----	55	UNCH
4750		----	----	----	----	----	1.9301 - 0.0230	.9643	----	----	----	----	125	UNCH
5150		----	----	----	----	----	2.3156 - 0.0235	.9805	----	----	----	----	50	UNCH
7000		----	----	----	----	----	4.1159 - 0.0241	.9986	----	----	----	----	10	UNCH
TOTAL													2515	
JUL19														
2000		----	----	----	----	----	0.0216 - 0.0013	.0653	----	----	----	----	300	UNCH
2200		----	----	----	----	----	0.0486 - 0.0025	.1288	----	----	----	----	75	UNCH
2250		----	----	----	----	----	0.0580 - 0.0030	.1488	----	----	----	----	235	UNCH
2350		----	----	----	----	----	0.0808 - 0.0039	.1938	----	----	----	----	70	UNCH
2500		----	----	----	----	----	0.1253 - 0.0056	.2717	----	----	----	----	440	UNCH
2550		----	----	----	----	----	0.1431 - 0.0063	.2999	----	----	----	----	4	UNCH
2600		----	----	----	----	----	0.1624 - 0.0070	.3290	----	----	----	----	50	UNCH
2700		----	----	----	----	----	0.2056 - 0.0083	.3890	----	----	----	----	82	UNCH
2750		----	----	----	----	----	0.2295 - 0.0092	.4196	----	----	----	----	166	UNCH
2800		----	----	----	----	----	0.2551 - 0.0100	.4503	----	----	----	----	89	UNCH
2810		----	----	----	----	----	0.2604 - 0.0102	.4564	----	----	----	----	20	UNCH
2850		----	----	----	----	----	0.2823 - 0.0108	.4806	----	----	----	----	50	UNCH
2950		----	----	----	----	----	0.3409 - 0.0121	.5394	----	----	----	----	125	UNCH
3000		----	----	----	----	----	0.3722 - 0.0130	.5677	----	----	----	----	176	UNCH
3500		----	----	----	----	----	0.7516 - 0.0200	.7841	----	----	----	----	50	UNCH
3750		----	----	----	----	----	0.9733 - 0.0216	.8422	----	----	----	----	25	UNCH
4000		----	----	----	----	----	1.2010 - 0.0215	.8852	----	----	----	----	243	UNCH
4650		----	----	----	----	----	1.8101 - 0.0228	.9545	----	----	----	----	55	UNCH
4750		----	----	----	----	----	1.9056 - 0.0230	.9607	----	----	----	----	125	UNCH
5150		----	----	----	----	----	2.2901 - 0.0233	.9780	----	----	----	----	50	UNCH
7000		----	----	----	----	----	4.0873 - 0.0242	.9986	----	----	----	----	10	UNCH
TOTAL													2440	
AUG19														
2000		----	----	----	----	----	0.0222 - 0.0012	.0661	----	----	----	----	300	UNCH
2200		----	----	----	----	----	0.0493 - 0.0026	.1290	----	----	----	----	75	UNCH
2250		----	----	----	----	----	0.0588 - 0.0030	.1489	----	----	----	----	235	UNCH
2350		----	----	----	----	----	0.0816 - 0.0040	.1935	----	----	----	----	70	UNCH
2500		----	----	----	----	----	0.1261 - 0.0057	.2704	----	----	----	----	410	UNCH
2550		----	----	----	----	----	0.1438 - 0.0064	.2983	----	----	----	----	4	UNCH
2600		----	----	----	----	----	0.1631 - 0.0070	.3270	----	----	----	----	50	UNCH
2700		----	----	----	----	----	0.2061 - 0.0083	.3863	----	----	----	----	82	UNCH
2750		----	----	----	----	----	0.2298 - 0.0092	.4165	----	----	----	----	166</	



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ENERGY OPTIONS

Fri, Sep 22, 2017 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, 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 SEP19 to APR20.

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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ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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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 APR20, MAY20, JUN20, JUL20, AUG20, SEP20, OCT20, NOV20, DEC20.

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FINAL

PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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Table with columns: LN, PUT, 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. Rows include months from SEP23 to MAY24 and ON CALL options.

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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 contract months like OCT17, NOV17, DEC17, and JAN18.

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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 contract months like JAN18, FEB18, MAR18, APR18 with various price and volume data.



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ENERGY OPTIONS

Fri, Sep 22, 2017 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	
ON CALL NYMEX NATURAL GAS OPTIONS (PHY)													
APR18													
4000	----	----	----	----	----	0.032	UNCH	.1081	----	----	----	261	UNCH
5500	----	----	----	----	----	0.005	UNCH	.0179	----	----	----	1	UNCH
TOTAL										7		1189	7
MAY18													
2800	----	----	----	----	----	0.289	+ 0.007	.6193	----	----	----	4	UNCH
2850	----	----	----	----	----	0.263	+ 0.006	.5849	----	----	----	15	UNCH
2900	----	----	----	----	----	0.239	+ 0.005	.5505	----	----	----	1	UNCH
2950	----	----	----	----	----	0.217	+ 0.005	.5166	----	----	----	3	UNCH
3000	----	----	----	----	----	0.196	+ 0.004	.4830	----	----	----	9	UNCH
3050	----	----	----	----	----	0.177	+ 0.004	.4503	----	----	----	22	UNCH
3250	----	----	----	----	----	0.116	+ 0.003	.3311	----	----	----	1	UNCH
3300	----	----	----	----	----	0.104	+ 0.003	.3048	----	----	----	2	UNCH
3400	----	----	----	----	----	0.083	+ 0.002	.2560	----	----	----	81	UNCH
3500	----	----	----	----	----	0.066	+ 0.001	.2134	----	----	----	80	UNCH
3750	----	----	----	----	----	0.039	UNCH	.1366	----	----	----	3	UNCH
4000	----	----	----	----	----	0.024	UNCH	.0885	----	----	----	18	UNCH
4500	----	----	----	----	----	0.011	UNCH	.0422	----	----	----	119	UNCH
5000	----	----	----	----	----	0.005	UNCH	.0200	----	----	----	4	UNCH
5500	----	----	----	----	----	0.003	UNCH	.0119	----	----	----	1	UNCH
TOTAL												363	
JUN18													
2850	----	----	----	----	----	0.286	+ 0.006	.6015	----	----	----	14	UNCH
2900	----	----	----	----	----	0.260	+ 0.005	.5685	----	----	----	3	UNCH
2950	----	----	----	----	----	0.236	+ 0.004	.5353	----	----	----	5	UNCH
3000	----	----	----	----	----	0.214	+ 0.004	.5025	----	----	----	2	UNCH
3050	----	----	----	----	----	0.194	+ 0.004	.4703	----	----	----	8	UNCH
3250	----	----	----	----	----	0.126	+ 0.002	.3485	----	----	----	1	UNCH
3300	----	----	----	----	----	0.112	+ 0.002	.3202	----	----	----	2	UNCH
3350	----	----	----	----	----	0.100	+ 0.002	.2941	----	----	----	59	UNCH
3500	----	----	----	----	----	0.070	+ 0.001	.2236	----	----	----	58	UNCH
3750	----	----	----	----	----	0.039	UNCH	.1384	----	----	----	3	UNCH
4000	----	----	----	----	----	0.025	+ 0.001	.0920	----	----	----	1	UNCH
5500	----	----	----	----	----	0.004	UNCH	.0151	----	----	----	1	UNCH
TOTAL												157	
JUL18													
2850	----	----	----	----	----	0.314	+ 0.009	.6155	----	----	----	3	UNCH
2900	----	----	----	----	----	0.288	+ 0.009	.5846	----	----	----	16	UNCH
3000	----	----	----	----	----	0.241	+ 0.008	.5226	----	----	----	9	UNCH
3050	----	----	----	----	----	0.219	+ 0.007	.4918	----	----	----	3	UNCH
3250	----	----	----	----	----	0.147	+ 0.005	.3746	----	----	----	1	UNCH
3300	----	----	----	----	----	0.133	+ 0.005	.3481	----	----	----	2	UNCH
3500	----	----	----	----	----	0.086	+ 0.004	.2514	----	----	----	100	UNCH
3750	----	----	----	----	----	0.050	+ 0.003	.1624	----	----	----	3	UNCH
4000	----	----	----	----	----	0.031	+ 0.002	.1070	----	----	----	101	UNCH
4300	----	----	----	----	----	0.022	+ 0.001	.0753	----	----	----	5	UNCH
5500	----	----	----	----	----	0.006	UNCH	.0209	----	----	----	1	UNCH
TOTAL												244	
AUG18													
2850	----	----	----	----	----	0.328	+ 0.009	.6160	----	----	----	3	UNCH
2900	----	----	----	----	----	0.302	+ 0.008	.5865	----	----	----	17	UNCH
3000	----	----	----	----	----	0.255	+ 0.007	.5274	----	----	----	16	UNCH
3250	----	----	----	----	----	0.161	+ 0.005	.3867	----	----	----	1	UNCH
3300	----	----	----	----	----	0.146	+ 0.005	.3607	----	----	----	2	UNCH
3750	----	----	----	----	----	0.058	+ 0.002	.1771	----	----	----	3	UNCH
4000	----	----	----	----	----	0.036	+ 0.002	.1179	----	----	----	1	UNCH
5500	----	----	----	----	----	0.007	UNCH	.0236	----	----	----	1	UNCH
TOTAL												44	
SEP18													
2850	----	----	----	----	----	0.326	+ 0.006	.6041	----	----	----	6	UNCH
2900	----	----	----	----	----	0.301	+ 0.006	.5755	----	----	----	15	UNCH
3000	----	----	----	----	----	0.256	+ 0.005	.5187	----	----	----	16	UNCH
3250	----	----	----	----	----	0.164	+ 0.003	.3837	----	----	----	1	UNCH
3300	----	----	----	----	----	0.149	+ 0.002	.3586	----	----	----	1	UNCH
3750	----	----	----	----	----	0.062	+ 0.001	.1822	----	----	----	3	UNCH
4000	----	----	----	----	----	0.039	+ 0.001	.1231	----	----	----	1	UNCH
5500	----	----	----	----	----	0.009	UNCH	.0286	----	----	----	1	UNCH
TOTAL												44	
OCT18													
2850	----	----	----	----	----	0.350	+ 0.007	.6159	----	----	----	4	UNCH
2900	----	----	----	----	----	0.324	+ 0.006	.5886	----	----	----	16	UNCH
3000	0.280	0.280	0.280/0.280	0.280/0.280	----	0.277	+ 0.005	.5338	----	7	----	67	7
3250	----	----	----	----	----	0.182	+ 0.002	.4027	----	----	----	1	UNCH
3300	----	----	----	----	----	0.167	+ 0.003	.3786	----	----	----	1	UNCH
3750	----	----	----	----	----	0.073	+ 0.002	.2014	----	----	----	3	UNCH
TOTAL										7		92	7
NOV18													
3000	----	----	----	----	----	0.313	+ 0.008	.5619	----	----	----	3	UNCH
3250	----	----	----	----	----	0.212	+ 0.006	.4347	----	----	----	1	UNCH
3300	----	----	----	----	----	0.195	+ 0.005	.4104	----	----	----	1	UNCH
3500	----	----	----	----	----	0.140	+ 0.004	.3223	----	----	----	3	UNCH
3750	----	----	----	----	----	0.090	+ 0.002	.2299	----	----	----	1	UNCH
TOTAL												9	
DEC18													
3000	----	----	----	----	----	0.403	+ 0.007	.6273	----	----	----	3	UNCH
3250	----	----	----	----	----	0.287	+ 0.006	.5069	----	----	----	1	UNCH
3300	----	----	----	----	----	0.267	+ 0.005	.4833	----	----	----	1	UNCH
3500	----	----	----	----	----	0.198	+ 0.003	.3935	----	----	----	5	UNCH
3750	----	----	----	----	----	0.135	+ 0.002	.2963	----	----	----	1	UNCH
TOTAL												11	
JAN19													
3200	----	----	----	----	----	0.389	+ 0.009	.5749	----	----	----	3	UNCH
3300	----	----	----	----	----	0.354	+ 0.008	.5344	----	----	----	1	UNCH
3500	----	----	----	----	----	0.294	+ 0.007	.4612	----	----	----	3	UNCH
3750	----	----	----	----	----	0.238	+ 0.005	.3854	----	----	----	1	UNCH
TOTAL												8	
FEB19													
3200	----	----	----	----	----	0.409	+ 0.011	.5705	----	----	----	3	UNCH
3300	----	----	----	----	----	0.375	+ 0.011	.5334	----	----	----	1	UNCH
3500	----	----	----	----	----	0.316	+ 0.009	.4659	----	----	----	3	UNCH
3750	----	----	----	----	----	0.259	+ 0.007	.3947	----	----	----	1	UNCH
TOTAL												8	
MAR19													
3200	----	----	----	----	----	0.406	+ 0.010	.5508	----	----	----	3	UNCH
3500	----	----	----	----	----	0.319	+ 0.008	.4553	----	----	----	3	UNCH
3750	----	----	----	----	----	0.265	+ 0.006	.3900	----	----	----	1	UNCH
TOTAL												7	
APR19													
3750	----	----	----	----	----	0.051	+ 0.003	.1525	----	----	----	1	UNCH
TOTAL												1	
ON PUT NYMEX NATURAL GAS OPTIONS (PHY)													
OCT17													
1500	----	----	----	----	----	0.001	UNCH	----	----	----	----	3	UNCH
1700	----												



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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: 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 contract months from OCT17 to JAN18.

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CME Group, Inc.

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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 months from JAN18 to DEC18 with various contract specifications and prices.

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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 NYMEX NATURAL GAS OPTIONS (PHY), NYMEX ONE DAY CRUDE OIL OPTIONS, NYMEX ONE DAY NATURAL GAS OPTIONS, and NYMEX RBOB (PHY) 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 OB CALL and OB PUT for various months (OCT17, NOV17, DEC17, JAN18, FEB18, MAR18, JUN18) and contract specifications like NYMEX RBOB (PHY) OPTIONS.

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Table with columns: OB 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 like OCT17, NOV17, DEC17, JAN18, FEB18, MAR18 and various contract specifications.

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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 PU CALL APR18, MAY18, JUN18, PU PUT OCT17, NOV17, DEC17, JAN18, FEB18, MAR18, APR18, MAY18, JUN18.

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 60A OOC JAN18, JAN19, JAN20.

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 PMA OOF OCT17, NOV17, DEC17.

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FINAL

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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	
ZA CALL RBOB 1 MO CAL SPD OPTIONS														
OCT17							0.0160 + 0.0015	.5266	----	----	----	----	350	UNCH
400	----	----	----	----	----	----	0.0051 + 0.0003	.2141	----	----	----	----	350	UNCH
700	----	----	----	----	----	----	0.0035 + 0.0001	.1491	----	----	----	----	300	UNCH
800	----	----	----	----	----	----	0.0013 UNCH	.0584	----	----	----	----	500	UNCH
1000	----	----	----	----	----	----	0.0001 UNCH	.0036	----	----	----	----	100	UNCH
1600	----	----	----	----	----	----							1600	UNCH
TOTAL														
DECEMBER							0.0057 + 0.0006	.4694	----	----	----	----	500	UNCH
100	----	----	----	----	----	----							500	UNCH
TOTAL														
ZA PUT RBOB 1 MO CAL SPD OPTIONS														
NOV17							0.0014 - 0.0010	.1922	----	----	----	----	250	UNCH
160	----	----	----	----	----	----							250	UNCH
TOTAL														
RA CALL RBOB APO (AVERAGE PRICE) OPTIONS														
SEP17							0.0001 UNCH	.0079	----	----	----	----	1	UNCH
17200	----	----	----	----	----	----							1	UNCH
TOTAL														
OCT17							0.0089 + 0.0013	.1739	----	----	----	----	1	UNCH
17200	----	----	----	----	----	----	0.0052 + 0.0007	.1105	----	----	----	----	50	UNCH
17500	----	----	----	----	----	----	0.0007 + 0.0001	.0182	----	----	----	----	300	UNCH
18500	----	----	----	----	----	----							351	UNCH
TOTAL														
NOV17							0.0177 + 0.0024	.2207	----	----	----	----	1	UNCH
17200	----	----	----	----	----	----	0.0126 + 0.0018	.1681	----	----	----	----	50	UNCH
17500	----	----	----	----	----	----	0.0036 + 0.0004	.0581	----	----	----	----	300	UNCH
18500	----	----	----	----	----	----							351	UNCH
TOTAL														
DECEMBER							0.0215 + 0.0025	.2166	----	----	----	----	50	UNCH
17500	----	----	----	----	----	----	0.0085 + 0.0010	.1015	----	----	----	----	300	UNCH
18500	----	----	----	----	----	----							350	UNCH
TOTAL														
RA PUT RBOB APO (AVERAGE PRICE) OPTIONS														
SEP17							0.0001 UNCH	.0012	----	----	----	----	125	UNCH
13000	----	----	----	----	----	----							125	UNCH
TOTAL														
OCT17							0.0001 UNCH	.0000	----	----	----	----	50	UNCH
12500	----	----	----	----	----	----	0.0001 UNCH	.0004	----	----	----	----	25	UNCH
13000	----	----	----	----	----	----	0.0001 UNCH	.0026	----	----	----	----	75	UNCH
13500	----	----	----	----	----	----							150	UNCH
TOTAL														
NOV17							0.0006 - 0.0003	.0094	----	----	----	----	50	UNCH
12500	----	----	----	----	----	----	0.0015 - 0.0006	.0220	----	----	----	----	25	UNCH
13000	----	----	----	----	----	----	0.0033 - 0.0011	.0452	----	----	----	----	75	UNCH
13500	----	----	----	----	----	----							150	UNCH
TOTAL														
DECEMBER							0.0021 - 0.0005	.0254	----	----	----	----	50	UNCH
12500	----	----	----	----	----	----	0.0043 - 0.0009	.0481	----	----	----	----	25	UNCH
13000	----	----	----	----	----	----	0.0083 - 0.0014	.0848	----	----	----	----	75	UNCH
13500	----	----	----	----	----	----							150	UNCH
TOTAL														
RF CALL RBOB EURO EXPIRATION OPTION														
OCT17							0.0126 + 0.0045	.3902	----	----	----	----	200	UNCH
16800	----	----	----	----	----	----	0.0066 + 0.0021	.2229	----	----	----	----	75	UNCH
17000	----	----	----	----	----	----							275	UNCH
TOTAL														
DECEMBER							0.0297 + 0.0033	.2950	----	----	----	----	75	UNCH
17000	----	----	----	----	----	----							75	UNCH
TOTAL														
RF PUT RBOB EURO EXPIRATION OPTION														
NOV17							0.0042 - 0.0025	.0678	----	----	----	----	50	UNCH
14500	----	----	----	----	----	----							50	UNCH
TOTAL														
DECEMBER							0.0110 - 0.0025	.1135	----	----	----	----	75	UNCH
14000	----	----	----	----	----	----							75	UNCH
TOTAL														
Q6 CALL ROTTERDAM 3.5%FUEL OIL CLN APO														
SEP17							112.368 + 0.166	.9996	----	----	----	----	10	UNCH
20000	----	----	----	----	----	----	109.370 + 0.167	.9996	----	----	----	----	5	UNCH
20300	----	----	----	----	----	----	9.395 + 0.160	.9986	----	----	----	----	10	UNCH
30300	----	----	----	----	----	----	2.796 - 0.087	.7884	----	----	----	----	5	UNCH
31000	----	----	----	----	----	----	0.001 UNCH	.0002	----	----	----	----	5	UNCH
35000	----	----	----	----	----	----							35	UNCH
TOTAL														
OCT17							113.383 + 1.342	.9988	----	----	----	----	10	UNCH
20000	----	----	----	----	----	----	110.387 + 1.342	.9985	----	----	----	----	5	UNCH
20300	----	----	----	----	----	----	15.128 + 0.725	.6961	----	----	----	----	10	UNCH
30300	----	----	----	----	----	----	10.878 + 0.547	.5768	----	----	----	----	5	UNCH
31000	----	----	----	----	----	----	0.685 + 0.023	.0673	----	----	----	----	5	UNCH
35000	----	----	----	----	----	----							35	UNCH
TOTAL														
NOV17							108.862 + 1.046	.9978	----	----	----	----	10	UNCH
20000	----	----	----	----	----	----	105.869 + 1.046	.9972	----	----	----	----	5	UNCH
20300	----	----	----	----	----	----	16.897 + 0.481	.5930	----	----	----	----	10	UNCH
30300	----	----	----	----	----	----	13.351 + 0.394	.5117	----	----	----	----	5	UNCH
31000	----	----	----	----	----	----	2.477 + 0.074	.1442	----	----	----	----	5	UNCH
35000	----	----	----	----	----	----							35	UNCH
TOTAL														
DECEMBER							104.780 + 0.770	.9963	----	----	----	----	10	UNCH
20000	----	----	----	----	----	----	101.796 + 0.770	.9953	----	----	----	----	5	UNCH
20300	----	----	----	----	----	----	18.078 + 0.314	.5475	----	----	----	----	10	UNCH
30300	----	----	----	----	----	----	14.875 + 0.264	.4824	----	----	----	----	5	UNCH
31000	----	----	----	----	----	----	4.002 + 0.070	.1812	----	----	----	----	5	UNCH
35000	----	----	----	----	----	----							35	UNCH
TOTAL														
Q6 PUT ROTTERDAM 3.5%FUEL OIL CLN APO														
SEP17							0.004 + 0.001	.0001	----	----	----	----	5	UNCH
17500	----	----	----	----	----	----							5	UNCH
TOTAL														



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ENERGY OPTIONS

Fri, Sep 22, 2017 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
O6 PUT ROTTERDAM 3.5%FUEL OIL CLN APO												
OCT17												
17500	----	----	----	----	----	0.004 + 0.001	.0002	----	----	----	----	5 UNCH
TOTAL												5
NOV17												
17500	----	----	----	----	----	0.004 UNCH	.0002	----	----	----	----	5 UNCH
TOTAL												5
DEC17												
17500	----	----	----	----	----	0.005 UNCH	.0003	----	----	----	----	5 UNCH
TOTAL												5
PJ CALL SAN JUAN PIPE OPTION												
OCT17												
3100	----	----	----	----	----	0.0001 UNCH	.0012	----	----	----	----	20 UNCH
3150	----	----	----	----	----	0.0001 UNCH	.0005	----	----	----	----	12 UNCH
3250	----	----	----	----	----	0.0001 UNCH	.0001	----	----	----	----	12 UNCH
TOTAL												44
NOV17												
3100	----	----	----	----	----	0.0086 - 0.0001	.0652	----	----	----	----	20 UNCH
3150	----	----	----	----	----	0.0065 - 0.0001	.0507	----	----	----	----	12 UNCH
3250	----	----	----	----	----	0.0036 - 0.0003	.0296	----	----	----	----	12 UNCH
TOTAL												44
DEC17												
3100	----	----	----	----	----	0.1084 - 0.0003	.3787	----	----	----	----	20 UNCH
3150	----	----	----	----	----	0.0940 - 0.0004	.3403	----	----	----	----	12 UNCH
3250	----	----	----	----	----	0.0700 - 0.0003	.2708	----	----	----	----	12 UNCH
3500	----	----	----	----	----	0.0321 - 0.0002	.1430	----	----	----	----	62 UNCH
3650	----	----	----	----	----	0.0197 - 0.0003	.0940	----	----	----	----	186 UNCH
3750	----	----	----	----	----	0.0143 - 0.0002	.0708	----	----	----	----	744 UNCH
3900	----	----	----	----	----	0.0088 - 0.0001	.0458	----	----	----	----	434 UNCH
4000	----	----	----	----	----	0.0065 - 0.0001	.0346	----	----	----	----	124 UNCH
TOTAL												1594
JAN18												
3100	----	----	----	----	----	0.2157 - 0.0016	.4995	----	----	----	----	20 UNCH
3500	----	----	----	----	----	0.1021 - 0.0014	.2836	----	----	----	----	62 UNCH
3650	----	----	----	----	----	0.0762 - 0.0014	.2238	----	----	----	----	186 UNCH
3750	----	----	----	----	----	0.0625 - 0.0013	.1899	----	----	----	----	744 UNCH
3900	----	----	----	----	----	0.0464 - 0.0012	.1477	----	----	----	----	434 UNCH
4000	----	----	----	----	----	0.0381 - 0.0010	.1246	----	----	----	----	124 UNCH
TOTAL												1570
FEB18												
3100	----	----	----	----	----	0.2549 - 0.0038	.4857	----	----	----	----	20 UNCH
3500	----	----	----	----	----	0.1496 - 0.0039	.3217	----	----	----	----	56 UNCH
3650	----	----	----	----	----	0.1227 - 0.0036	.2737	----	----	----	----	168 UNCH
3750	----	----	----	----	----	0.1077 - 0.0034	.2456	----	----	----	----	672 UNCH
3900	----	----	----	----	----	0.0887 - 0.0032	.2085	----	----	----	----	392 UNCH
4000	----	----	----	----	----	0.0781 - 0.0029	.1869	----	----	----	----	112 UNCH
TOTAL												1420
MAR18												
3100	----	----	----	----	----	0.2325 - 0.0059	.4290	----	----	----	----	20 UNCH
TOTAL												20
APR18												
3100	----	----	----	----	----	0.0459 + 0.0010	.1742	----	----	----	----	20 UNCH
TOTAL												20
MAY18												
3100	----	----	----	----	----	0.0341 UNCH	.1426	----	----	----	----	20 UNCH
TOTAL												20
JUN18												
3100	----	----	----	----	----	0.0366 + 0.0007	.1514	----	----	----	----	20 UNCH
TOTAL												20
DEC18												
3400	----	----	----	----	----	0.1237 + 0.0020	.2980	----	----	----	----	124 UNCH
TOTAL												124
JAN19												
3400	----	----	----	----	----	0.2109 + 0.0021	.3814	----	----	----	----	124 UNCH
TOTAL												124
FEB19												
3400	----	----	----	----	----	0.2164 + 0.0067	.3757	----	----	----	----	112 UNCH
TOTAL												112
PJ PUT SAN JUAN PIPE OPTION												
OCT17												
2550	----	----	----	----	----	0.0716 + 0.0055	.6515	----	----	----	----	12 UNCH
2850	----	----	----	----	----	0.3455 + 0.0142	.9919	----	----	----	----	32 UNCH
TOTAL												44
NOV17												
2550	----	----	----	----	----	0.0952 - 0.0056	.4259	----	----	----	----	12 UNCH
2850	----	----	----	----	----	0.2964 - 0.0071	.7911	----	----	----	----	32 UNCH
TOTAL												44
DEC17												
2550	----	----	----	----	----	0.0372 - 0.0026	.1542	----	----	----	----	12 UNCH
2850	----	----	----	----	----	0.1362 - 0.0056	.4013	----	----	----	----	32 UNCH
TOTAL												44
JAN18												
2650	----	----	----	----	----	0.0760 - 0.0040	.2086	----	----	----	----	20 UNCH
TOTAL												20
FEB18												
2650	----	----	----	----	----	0.1443 - 0.0053	.2792	----	----	----	----	20 UNCH
TOTAL												20
MAR18												
2650	----	----	----	----	----	0.2456 - 0.0015	.3720	----	----	----	----	20 UNCH
TOTAL												20
APR18												
2650	----	----	----	----	----	0.3105 - 0.0109	.5935	----	----	----	----	20 UNCH
TOTAL												20
MAY18												
2650	----	----	----	----	----	0.3351 - 0.0125	.6323	----	----	----	----	20 UNCH
TOTAL												20
JUN18												
2650	----	----	----	----	----	0.3198 - 0.0131	.6072	----	----	----	----	20 UNCH
TOTAL												20
8H CALL SINGAPORE FUEL OIL 380 APO												
SEP17												
31000	----	----	----	----	----	14.91 + 0.31	.9957	----	----	----	----	50 UNCH

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PG63 BULLETIN #183@

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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
8H CALL SINGAPORE FUEL OIL 380 APO											
TOTAL											50
OCT17					23.93 + 1.26	.8018					50 UNCH
TOTAL											50
NOV17					26.32 + 0.80	.6935					50 UNCH
TOTAL											50
DEC17					28.20 + 0.46	.6459					50 UNCH
TOTAL											50
M2 CALL SINGAPORE GASOIL CALENDAR APO											
SEP17					0.00 UNCH	.0006					25 UNCH
TOTAL											25
OCT17					0.00 UNCH	.0017					25 UNCH
TOTAL											25
NOV17					0.05 - 0.00	.0243					25 UNCH
TOTAL											25
DEC17					0.16 + 0.00	.0561					25 UNCH
TOTAL											25
N2 CALL SINGAPORE JET FUEL CALENDAR APO											
SEP17					0.00 UNCH	.0005					40 UNCH
TOTAL											40
OCT17					0.00 UNCH	.0021					40 UNCH
TOTAL											40
NOV17					0.08 - 0.00	.0294					40 UNCH
TOTAL											40
DEC17					0.23 + 0.00	.0650					40 UNCH
TOTAL											40
U21 PUT U21 SHORT TERM NG OPTIONS											
SEP17					0.1040 UNCH	1.0000					0 UNCH
TOTAL											0
U22 CALL U22 SHORT TERM NG OPTIONS											
SEP17					0.0090 - 0.0104	1.0000	15				0 - 15
295					0.0000 - 0.0150						0 - 700
297					0.0000 - 0.0080						0 - 400
300											0 - 1115
TOTAL											
U22 PUT U22 SHORT TERM NG OPTIONS											
SEP17					0.0000 - 0.0056						0 - 150
290					0.0000 - 0.0234						0 - 40
295											0 - 190
TOTAL											
U25 PUT U25 SHORT TERM NG OPTIONS											
SEP17					0.0101 NEW	.1879				350	350 + 350
290										350	350 + 350
TOTAL											
7A CALL WTI CRUDE OIL 1 M CSO FIN											
NOV17					0.21 + 0.01	.6520					500 UNCH
- 50					0.08 UNCH	.3552					750 UNCH
- 25					0.04 - 0.01	.2263					200 UNCH
- 15					0.04 UNCH	.2062					3300 UNCH
- 10					0.02 - 0.01	.1208					5750 UNCH
0					0.01 UNCH	.0555					700 UNCH
25					0.01 UNCH	.0126					400 UNCH
50					0.01 UNCH	.0020					200 UNCH
75											11800
TOTAL											
DEC17					0.31 + 0.01	.6896					500 UNCH
- 50					0.15 + 0.03	.4707					850 UNCH
- 25					0.09 + 0.04	.3599					200 UNCH
- 15					0.08 + 0.04	.3184					3300 UNCH
- 10					0.06 + 0.03	.2449			4300		8950 + 3450
0					0.04 + 0.01	.1766					500 UNCH
10					0.03 + 0.01	.1263					700 UNCH
25					0.02 UNCH	.0778					900 UNCH
50					0.02 UNCH	.0648					200 UNCH
75											16100 + 3450
TOTAL											
JAN18					0.20 + 0.01	.5946					750 UNCH
- 25					0.17 + 0.01	.5428					400 UNCH
- 20					0.09 + 0.01	.3415					3000 UNCH
0					0.07 NEW	.2687			1000		1000 + 1000
10					0.04 UNCH	.1707					1750 UNCH
25					0.02 UNCH	.0872					2500 UNCH
50									1000		9400 + 1000
TOTAL											
FEB18					0.26 UNCH	.6485					750 UNCH
- 25					0.11 + 0.01	.4054					3000 UNCH
0					0.05 UNCH	.2088					1750 UNCH
25					0.03 UNCH	.1198					2500 UNCH
50											8000
TOTAL											
MAR18					0.31 + 0.01	.6739					750 UNCH
- 25					0.16 + 0.01	.4644					3000 UNCH
0											



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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 7A CALL, 7A PUT, and various months from MAR18 to MAY18.



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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 MAR18 with various contract specifications and prices.

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WA 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
WTI CRUDE OIL IMO CAL SPRD OPTIONS												
MAR18						0.10 UNCH	.3260	----	----	----	----	12200 UNCH
- 25	----	----	----	----	----	0.12 UNCH	.3675	----	----	----	----	250 UNCH
- 20	----	----	----	----	----	0.15 - 0.01	.4464	----	----	----	----	250 UNCH
- 10	----	----	----	----	----	0.20 UNCH	.5355	----	----	----	----	5900 UNCH
0	----	----	----	----	----							31750
TOTAL												
APR18						0.01 UNCH	.0313	----	----	----	----	250 UNCH
- 150	----	----	----	----	----	0.02 UNCH	.0672	----	----	----	----	2150 UNCH
- 100	----	----	----	----	----	0.03 UNCH	.1042	----	----	----	----	500 UNCH
- 75	----	----	----	----	----	0.04 UNCH	.1546	----	----	----	----	100 UNCH
- 50	----	----	----	----	----	0.05 UNCH	.1937	----	----	----	----	1100 UNCH
- 40	----	----	----	----	----	0.08 UNCH	.2868	----	----	----	----	1625 UNCH
- 25	----	----	----	----	----	0.17 UNCH	.5000	----	----	----	----	1500 UNCH
0	----	----	----	----	----							7225
TOTAL												
MAY18						0.01 UNCH	.0310	----	----	----	----	250 UNCH
- 150	----	----	----	----	----	0.02 UNCH	.0665	----	----	----	----	2150 UNCH
- 100	----	----	----	----	----	0.02 UNCH	.0798	----	----	----	----	500 UNCH
- 75	----	----	----	----	----	0.03 UNCH	.1292	----	----	----	----	100 UNCH
- 50	----	----	----	----	----	0.04 UNCH	.1694	----	----	----	----	1200 UNCH
- 40	----	----	----	----	----	0.07 - 0.01	.2655	----	----	----	----	1525 UNCH
- 25	----	----	----	----	----	0.18 UNCH	.4832	----	----	----	----	1500 UNCH
0	----	----	----	----	----							7225
TOTAL												
JUN18						0.01 UNCH	.0306	----	----	----	----	250 UNCH
- 150	----	----	----	----	----	0.02 UNCH	.0653	----	----	----	----	2150 UNCH
- 100	----	----	----	----	----	0.02 - 0.01	.0779	----	----	----	----	500 UNCH
- 75	----	----	----	----	----	0.04 UNCH	.1470	----	----	----	----	100 UNCH
- 50	----	----	----	----	----	0.06 UNCH	.2000	----	----	----	----	1100 UNCH
- 40	----	----	----	----	----	0.08 UNCH	.2684	----	----	----	----	1825 UNCH
- 25	----	----	----	----	----	0.16 UNCH	.4567	----	----	----	----	1500 UNCH
0	----	----	----	----	----							7425
TOTAL												
JUL18						0.01 UNCH	.0307	----	----	----	----	250 UNCH
- 150	----	----	----	----	----	0.02 UNCH	.0653	----	----	----	----	2150 UNCH
- 100	----	----	----	----	----	0.05 UNCH	.1832	----	----	----	----	1100 UNCH
- 40	----	----	----	----	----	0.07 UNCH	.2550	----	----	----	----	1525 UNCH
- 25	----	----	----	----	----	0.16 UNCH	.4567	----	----	----	----	1000 UNCH
0	----	----	----	----	----							6025
TOTAL												
AUG18						0.01 UNCH	.0310	----	----	----	----	250 UNCH
- 150	----	----	----	----	----	0.02 UNCH	.0662	----	----	----	----	2150 UNCH
- 100	----	----	----	----	----	0.06 UNCH	.2043	----	----	----	----	1100 UNCH
- 40	----	----	----	----	----	0.09 UNCH	.2874	----	----	----	----	1525 UNCH
- 25	----	----	----	----	----	0.18 UNCH	.4754	----	----	----	----	1000 UNCH
0	----	----	----	----	----							6025
TOTAL												
SEP18						0.01 UNCH	.0310	----	----	----	----	250 UNCH
- 150	----	----	----	----	----	0.03 UNCH	.0860	----	----	----	----	2150 UNCH
- 100	----	----	----	----	----	0.07 UNCH	.2192	----	----	----	----	1100 UNCH
- 40	----	----	----	----	----	0.10 UNCH	.2980	----	----	----	----	1425 UNCH
- 25	----	----	----	----	----	0.18 UNCH	.4754	----	----	----	----	1000 UNCH
0	----	----	----	----	----							5925
TOTAL												
OCT18						0.01 UNCH	.0313	----	----	----	----	250 UNCH
- 150	----	----	----	----	----	0.03 UNCH	.0871	----	----	----	----	2150 UNCH
- 100	----	----	----	----	----	0.08 UNCH	.2371	----	----	----	----	1100 UNCH
- 40	----	----	----	----	----	0.11 UNCH	.3149	----	----	----	----	1625 UNCH
- 25	----	----	----	----	----	0.19 UNCH	.4918	----	----	----	----	1000 UNCH
0	----	----	----	----	----							6125
TOTAL												
NOV18						0.01 UNCH	.0313	----	----	----	----	250 UNCH
- 150	----	----	----	----	----	0.03 UNCH	.0871	----	----	----	----	2150 UNCH
- 100	----	----	----	----	----	0.06 UNCH	.2090	----	----	----	----	1100 UNCH
- 40	----	----	0.10B/----	0.10B/----	----	0.09 UNCH	.2950	----	----	----	----	1325 UNCH
- 25	----	----	----	----	----	0.19 UNCH	.4918	----	----	----	----	1000 UNCH
0	----	----	----	----	----							5825
TOTAL												
DEC18						0.02 UNCH	.0503	----	----	----	----	250 UNCH
- 150	----	----	----	----	----	0.03 UNCH	.0850	----	----	----	----	2150 UNCH
- 100	----	----	----	----	----	0.07 UNCH	.2149	----	----	----	----	1100 UNCH
- 40	----	----	----	----	----	0.10 UNCH	.2912	----	----	----	----	1325 UNCH
- 25	----	----	----	----	----	0.18 UNCH	.4610	----	----	----	----	1000 UNCH
0	----	----	----	----	----							5825
TOTAL												
JAN19						0.06 UNCH	.2002	----	----	----	----	100 UNCH
- 40	----	----	----	----	----							100
TOTAL												
FEB19						0.08 UNCH	.2280	----	----	----	----	100 UNCH
- 40	----	----	----	----	----							100
TOTAL												
MAR19						0.08 UNCH	.2302	----	----	----	----	100 UNCH
- 40	----	----	----	----	----							100
TOTAL												
WTI-BRENT SPREAD OPTION												
NOV17						0.04 - 0.04	.0774	----	----	----	----	100 UNCH
- 500	----	----	----	----	----	0.01 UNCH	.0118	----	----	----	----	750 UNCH
- 300	----	----	----	----	----	0.01 UNCH	.0044	----	----	----	----	150 UNCH
- 250	----	----	----	----	----	0.01 UNCH	.0001	----	----	----	----	50 UNCH
- 100	----	----	----	----	----							1050
TOTAL												
DEC17						0.12 - 0.05	.1584	----	----	----	----	850 UNCH
- 400	----	----	----/*0.16A	----/*0.16A	----	0.06 - 0.03	.0883	----	----	----	----	250 UNCH
- 350	----	----	----	----	----	0.03 - 0.01	.0474	----	----	----	----	1000 UNCH
- 300	----	----	----	----	----	0.01 - 0.01	.0182	----	----	----	----	3775 UNCH
- 250	----	----	----	----	----	0.01 UNCH	.0070	----	----	----	----	350 UNCH
- 200	----	----	----	----	----	0.01 UNCH	.0024	----	----	----	----	2650 UNCH
- 150	----	----	----	----	----	0.01 UNCH	.0007	----	----	----	----	300 UNCH
- 100	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	3750 UNCH
0	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	3800 UNCH
150	----	----	----	----	----							16725
TOTAL												
JAN18						0.15 - 0.04	.1860	----	----	----	----	50 UNCH
- 350	----	----	----	----	----							50
TOTAL												
FEB18						0.30 - 0.06	.2871	----	----	----	----	50 UNCH
- 350	----	----	----	----	----							50
TOTAL												
MAR18						0.30 - 0.06	.3129	----	----	----	----	50 UNCH
- 350	----	----	----	----	----							



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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 BV CALL, APR18, MAY18, JUN18, DEC18, DEC19, NOV17, DEC17, JAN18, FEB18, MAR18, APR18, MAY18, JUN18, JUL18.



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BY PUT	WTI-BRENT SPREAD OPTION	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													1150
AUG18													
- 500		----	----	----	----	----	0.32 + 0.03	.2870	----	----	----	----	300 UNCH
- 450		----	----	----	----	----	0.48 + 0.04	.3879	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.70 + 0.06	.5000	----	----	----	----	250 UNCH
- 350		----	----	----	----	----	0.96 + 0.05	.6154	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.29 + 0.07	.7229	----	----	----	----	200 UNCH
- 250		----	----	----	----	----	1.66 + 0.07	.8204	----	----	----	----	200 UNCH
TOTAL													1150
SEP18													
- 500		----	----	----	----	----	0.34 + 0.03	.2891	----	----	----	----	300 UNCH
- 450		----	----	----	----	----	0.50 + 0.03	.3851	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.71 + 0.04	.4912	----	----	----	----	250 UNCH
- 350		----	----	----	----	----	0.97 + 0.05	.6012	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.29 + 0.06	.7057	----	----	----	----	200 UNCH
- 250		----	----	----	----	----	1.66 + 0.08	.7973	----	----	----	----	200 UNCH
TOTAL													1150
OCT18													
- 500		----	----	----	----	----	0.34 + 0.02	.2863	----	----	----	----	300 UNCH
- 450		----	----	----	----	----	0.50 + 0.03	.3808	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.71 + 0.04	.4850	----	----	----	----	250 UNCH
- 350		----	----	----	----	----	0.96 + 0.04	.5936	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.28 + 0.06	.6966	----	----	----	----	200 UNCH
- 250		----	----	----	----	----	1.64 + 0.07	.7906	----	----	----	----	200 UNCH
TOTAL													1150
NOV18													
- 500		----	----	----	----	----	0.35 + 0.02	.2855	----	----	----	----	300 UNCH
- 450		----	----	----	----	----	0.50 + 0.02	.3753	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.71 + 0.03	.4770	----	----	----	----	250 UNCH
- 350		----	----	----	----	----	0.96 + 0.03	.5824	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.27 + 0.04	.6841	----	----	----	----	200 UNCH
- 250		----	----	----	----	----	1.62 + 0.05	.7791	----	----	----	----	200 UNCH
TOTAL													1150
DEC18													
- 600		----	----	----	----	----	0.27 + 0.01	.1950	----	----	----	----	5500 UNCH
- 500		----	----	----	----	----	0.51 + 0.02	.3203	----	----	----	----	1750 UNCH
- 450		----	----	----	----	----	0.68 + 0.02	.3956	----	----	----	----	100 UNCH
- 400		----	----	0.89B/----	0.89B/----	----	0.89 + 0.03	.4767	----	----	----	----	3508 UNCH
- 350		----	----	----	----	----	1.14 + 0.02	.5602	----	----	----	----	100 UNCH
- 300		----	----	1.47B/----	1.47B/----	----	1.46 + 0.04	.6369	----	----	----	----	5325 UNCH
- 250		----	----	----	----	----	1.80 + 0.04	.7117	----	----	----	----	325 UNCH
- 200		----	----	----	----	----	2.17 + 0.04	.7692	----	----	----	----	800 UNCH
- 150		----	----	----	----	----	2.57 + 0.03	.8361	----	----	----	----	200 UNCH
TOTAL													17608
JAN19													
- 500		----	----	----	----	----	0.39 + 0.01	.2938	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.69 + 0.01	.4706	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.30 + 0.02	.6645	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	1.68 + 0.03	.7378	----	----	----	----	300 UNCH
TOTAL													850
FEB19													
- 500		----	----	----	----	----	0.43 UNCH	.3053	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.74 + 0.01	.4760	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.34 + 0.01	.6646	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	1.72 UNCH	.7393	----	----	----	----	300 UNCH
TOTAL													850
MAR19													
- 500		----	----	----	----	----	0.50 UNCH	.3228	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.81 UNCH	.4832	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.42 UNCH	.6581	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	1.79 UNCH	.7302	----	----	----	----	300 UNCH
TOTAL													850
APR19													
- 500		----	----	----	----	----	0.54 UNCH	.3347	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.86 UNCH	.4927	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.48 - 0.01	.6612	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	1.85 - 0.01	.7311	----	----	----	----	300 UNCH
TOTAL													850
MAY19													
- 500		----	----	----	----	----	0.55 - 0.01	.3355	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.86 - 0.02	.4910	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.48 - 0.03	.6585	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	1.86 - 0.02	.7253	----	----	----	----	300 UNCH
TOTAL													850
JUN19													
- 500		----	----	----	----	----	0.55 - 0.02	.3303	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.86 - 0.02	.4808	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.46 - 0.03	.6459	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	1.83 - 0.03	.7139	----	----	----	----	300 UNCH
TOTAL													850
JUL19													
- 500		----	----	----	----	----	0.56 - 0.01	.3381	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.87 - 0.03	.4928	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.50 - 0.04	.6577	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	1.86 - 0.04	.7285	----	----	----	----	300 UNCH
TOTAL													850
AUG19													
- 500		----	----	----	----	----	0.60 - 0.02	.3454	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.92 - 0.03	.4948	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.54 - 0.04	.6537	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	1.90 - 0.05	.7218	----	----	----	----	300 UNCH
TOTAL													850
SEP19													
- 500		----	----	----	----	----	0.65 - 0.02	.3563	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	0.98 - 0.03	.5016	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.60 - 0.04	.6542	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	1.97 - 0.05	.7177	----	----	----	----	300 UNCH
TOTAL													850
OCT19													
- 500		----	----	----	----	----	0.68 - 0.02	.3639	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	1.02 - 0.03	.5080	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.64 - 0.05	.6578	----	----	----	----	350 UNCH
- 250		----	----	----	----	----	2.02 - 0.03	.7182	----	----	----	----	300 UNCH
TOTAL													850
NOV19													
- 500		----	----	----	----	----	0.69 - 0.02	.3624	----	----	----	----	100 UNCH
- 400		----	----	----	----	----	1.03 - 0.02	.5031	----	----	----	----	100 UNCH
- 300		----	----	----	----	----	1.64 - 0.04	.6506					



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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
BV PUT												
DEC19		WTI-BRENT SPREAD OPTION										
- 300	----	----	----	----	----	1.56 - 0.04	.6413	----	----	----	----	400
- 250	----	----	----	----	----	1.92 - 0.05	.7114	----	----	----	----	300
TOTAL												900
JAN20												
- 250	----	----	----	----	----	2.10 - 0.04	.6847	----	----	----	----	200
TOTAL												200
FEB20												
- 250	----	----	----	----	----	2.16 - 0.04	.6943	----	----	----	----	200
TOTAL												200
MAR20												
- 250	----	----	----	----	----	2.20 - 0.04	.6968	----	----	----	----	200
TOTAL												200
APR20												
- 250	----	----	----	----	----	2.24 - 0.04	.6993	----	----	----	----	200
TOTAL												200
MAY20												
- 250	----	----	----	----	----	2.28 - 0.03	.6994	----	----	----	----	200
TOTAL												200
JUN20												
- 250	----	----	----	----	----	2.29 - 0.05	.6978	----	----	----	----	200
TOTAL												200
JUL20												
- 250	----	----	----	----	----	2.31 - 0.05	.7127	----	----	----	----	200
TOTAL												200
AUG20												
- 250	----	----	----	----	----	2.35 - 0.05	.7174	----	----	----	----	200
TOTAL												200
SEP20												
- 250	----	----	----	----	----	2.37 - 0.05	.7161	----	----	----	----	200
TOTAL												200
OCT20												
- 250	----	----	----	----	----	2.38 - 0.06	.7120	----	----	----	----	200
TOTAL												200
NOV20												
- 250	----	----	----	----	----	2.38 - 0.05	.7075	----	----	----	----	200
TOTAL												200
DEC20												
- 250	----	----	----	----	----	2.36 - 0.05	.6997	----	----	----	----	200
TOTAL												200



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OPTIONS EOO'S AND BLOCKS

PRODUCT	STRIKE PRICE	E00 VOLUME	BLOCK VOLUME
LO CALL NOV17 CALL NYMEX CRUDE OIL OPTIONS (PHY)			
LO	5000	0	100
LO	5100	0	300
LO	5200	0	100
LO	5400	0	600
LO	5450	0	981
LO	5500	0	100
LO	5800	0	1590
TOTALS		0	3771
DEC17 CALL			
LO	5100	0	300
LO	5200	0	200
LO	5650	0	1000
LO	6100	0	500
TOTALS		0	2000
JAN18 CALL			
LO	5100	0	800
LO	6200	0	500
TOTALS		0	1300
MAR18 CALL			
LO	5150	0	500
TOTALS		0	500
JUN18 CALL			
LO	5200	0	50
LO	6000	0	850
TOTALS		0	900
SEP18 CALL			
LO	5500	0	50
TOTALS		0	50
DEC18 CALL			
LO	5000	0	200
LO	5100	0	150
LO	5150	0	100
LO	5500	0	400
LO	7500	0	1000
TOTALS		0	1850
JUN19 CALL			
LO	5100	0	100
TOTALS		0	100
DEC19 CALL			
LO	5100	0	300
TOTALS		0	300
LO PUT NOV17 PUT NYMEX CRUDE OIL OPTIONS (PHY)			
LO	4850	0	981
LO	5000	0	100
TOTALS		0	1081
DEC17 PUT			
LO	4000	0	600
LO	4200	0	600
LO	4800	0	200
LO	5000	0	1000
TOTALS		0	2400
JAN18 PUT			
LO	4800	0	800
TOTALS		0	800
FEB18 PUT			
LO	4600	0	300
LO	5100	0	300
TOTALS		0	600
JUN18 PUT			
LO	4000	0	200
LO	4500	0	250
LO	5000	0	850
TOTALS		0	1300
SEP18 PUT			
LO	4500	0	50
TOTALS		0	50
DEC18 PUT			
LO	3500	0	200
LO	4000	0	350
LO	4500	0	400
LO	5000	0	450
TOTALS		0	1400
DEC19 PUT			
LO	3500	0	250
LO	4500	0	250
TOTALS		0	500
OH CALL OCT17 CALL NYMEX HEATING OIL (PHY) OPTIONS			
OH	17000	0	127
OH	18000	0	35
OH	18500	0	50
TOTALS		0	212
NOV17 CALL			
OH	18500	0	100
TOTALS		0	100
DEC17 CALL			
OH	18000	0	300
OH	19000	0	100
OH	21000	0	100
TOTALS		0	500
JAN18 CALL			
OH	20000	0	1000
TOTALS		0	1000
OH PUT NOV17 PUT NYMEX HEATING OIL (PHY) OPTIONS			
OH	16500	0	100

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PG63 BULLETIN #183@

ENERGY OPTIONS

Fri, Sep 22, 2017 PG63

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TOTALS		0	100
DEC17	PUT		
OH		17000	0
TOTALS		0	100
OB CALL	NYMEX RBOB (PHY) OPTIONS		
OCT17	CALL		
OB		16000	0
OB		16500	0
OB		16600	0
OB		16800	0
OB		17000	0
TOTALS		0	400
NOV17	CALL	17500	0
OB			200
TOTALS		0	200
DEC17	CALL	15900	0
OB			150
TOTALS		0	150
JAN18	CALL	15800	0
OB		17700	0
TOTALS		0	75
OB PUT	NYMEX RBOB (PHY) OPTIONS		
OCT17	PUT		
OB		16000	0
OB		16500	0
OB		17000	0
TOTALS		0	100
WA CALL	WTI CRUDE OIL 1MO CAL SPRD OPTIONS		
DEC17	CALL	0	0
WA			300
TOTALS		0	300
JAN18	CALL	15	0
WA			5200
TOTALS		0	5200
WA PUT	WTI CRUDE OIL 1MO CAL SPRD OPTIONS		
DEC17	PUT	-75	0
WA			1000
TOTALS		0	1000
LN CALL	NYMEX NATURAL GAS (EURO) OPTS		
OCT17	CALL		
LN		2950	0
LN		3000	0
LN		3050	0
TOTALS		0	964
NOV17	CALL	3200	0
LN		3250	0
LN		3350	0
LN		3400	0
LN		3500	0
TOTALS		0	2850
DEC17	CALL	3500	0
LN			300
TOTALS		0	300
JAN18	CALL	3350	0
LN		3500	0
LN		3700	0
LN		3750	0
LN		5500	0
TOTALS		0	2400
FEB18	CALL	3500	0
LN		4000	0
LN		4500	0
LN		5000	0
TOTALS		0	1000
MAR18	CALL	3250	0
LN		3500	0
LN		4500	0
LN		9000	0
TOTALS		0	2700
APR18	CALL	3000	0
LN		3250	0
LN		3500	0
LN		4000	0
TOTALS		0	6600
OCT18	CALL	4000	0
LN			350
TOTALS		0	350
JAN20	CALL	3750	0
LN			15
TOTALS		0	15
FEB20	CALL	3750	0
LN			15
TOTALS		0	15
MAR20	CALL	3750	0
LN			15
TOTALS		0	15
APR20	CALL	3750	0
LN			15
TOTALS		0	15
MAY20	CALL	3750	0
LN			15
TOTALS		0	15
JUN20	CALL	3750	0
LN			15
TOTALS		0	15
JUL20	CALL	3750	0
LN			15



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TOTALS			0	15
AUG20	CALL			
LN		3750	0	15
TOTALS			0	15
SEP20	CALL			
LN		3750	0	15
TOTALS			0	15
OCT20	CALL			
LN		3750	0	15
TOTALS			0	15
NOV20	CALL			
LN		3750	0	15
TOTALS			0	15
DEC20	CALL			
LN		3750	0	15
TOTALS			0	15
JAN21	CALL			
LN		3750	0	15
TOTALS			0	15
FEB21	CALL			
LN		3750	0	15
TOTALS			0	15
MAR21	CALL			
LN		3750	0	15
TOTALS			0	15
APR21	CALL			
LN		3750	0	15
TOTALS			0	15
MAY21	CALL			
LN		3750	0	15
TOTALS			0	15
JUN21	CALL			
LN		3750	0	15
TOTALS			0	15
JUL21	CALL			
LN		3750	0	15
TOTALS			0	15
AUG21	CALL			
LN		3750	0	15
TOTALS			0	15
SEP21	CALL			
LN		3750	0	15
TOTALS			0	15
OCT21	CALL			
LN		3750	0	15
TOTALS			0	15
NOV21	CALL			
LN		3750	0	15
TOTALS			0	15
DEC21	CALL			
LN		3750	0	15
TOTALS			0	15

LN	PUT	NYMEX NATURAL GAS (EURO) OPTS		
OCT17	PUT			
LN		2800	0	200
LN		2850	0	8900
LN		2900	0	20943
LN		2950	0	914
LN		3000	0	10400
TOTALS			0	41357
NOV17	PUT			
LN		2700	0	150
LN		2750	0	1000
LN		2800	0	150
LN		2950	0	150
LN		3000	0	150
TOTALS			0	1600
JAN18	PUT			
LN		3500	0	350
TOTALS			0	350
MAR18	PUT			
LN		2000	0	400
LN		2500	0	550
LN		2750	0	100
LN		3000	0	50
LN		3150	0	100
TOTALS			0	1200
APR18	PUT			
LN		2000	0	50
LN		2500	0	500
LN		2650	0	100
TOTALS			0	650
MAY18	PUT			
LN		2000	0	50
LN		2750	0	250
TOTALS			0	300
JUN18	PUT			
LN		2000	0	50
TOTALS			0	50
JUL18	PUT			
LN		2000	0	50
TOTALS			0	50
AUG18	PUT			
LN		2000	0	1550
TOTALS			0	1550
SEP18	PUT			
LN		2000	0	50
TOTALS			0	50
OCT18	PUT			
LN		2000	0	50
LN		2250	0	350
TOTALS			0	400

KD CALL NYMEX ONE DAY NATURAL GAS OPTIONS

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SEP17	CALL			
KD		2975	0	100
TOTALS			0	100

NYMEX ONE DAY NATURAL GAS OPTIONS				
SEP17	PUT			
KD		2925	0	50
KD		2950	0	250
TOTALS			0	300

NYMEX ONE DAY CRUDE OIL OPTIONS				
SEP17	PUT			
CD		4950	0	100
CD		5000	0	100
TOTALS			0	200

WTI-BRENT SPREAD OPTION				
FEB18	PUT			
BV		-700	0	250
TOTALS			0	250

CRUDE OIL APO OPTIONS				
OCT17	CALL			
AO		5500	0	100
TOTALS			0	100

NOV17	CALL			
AO		5500	0	100
TOTALS			0	100

DEC17	CALL			
AO		5500	0	100
TOTALS			0	100

JAN18	CALL			
AO		5600	0	2
TOTALS			0	2

FEB18	CALL			
AO		5600	0	2
TOTALS			0	2

MAR18	CALL			
AO		5600	0	2
TOTALS			0	2

APR18	CALL			
AO		5600	0	2
TOTALS			0	2

MAY18	CALL			
AO		5600	0	2
TOTALS			0	2

JUN18	CALL			
AO		5600	0	2
TOTALS			0	2

CRUDE OIL APO OPTIONS				
OCT17	PUT			
AO		5000	0	100
TOTALS			0	100

NOV17	PUT			
AO		5000	0	100
TOTALS			0	100

DEC17	PUT			
AO		5000	0	100
TOTALS			0	100

JAN18	PUT			
AO		4500	0	2
TOTALS			0	2

FEB18	PUT			
AO		4500	0	2
TOTALS			0	2

MAR18	PUT			
AO		4500	0	2
TOTALS			0	2

APR18	PUT			
AO		4500	0	2
TOTALS			0	2

MAY18	PUT			
AO		4500	0	2
TOTALS			0	2

JUN18	PUT			
AO		4500	0	2
TOTALS			0	2

WTI CRUDE OIL 1 M CSO FIN				
DEC17	CALL			
7A		0	0	4300
TOTALS			0	4300

JAN18	CALL			
7A		10	0	1000
TOTALS			0	1000

NATURAL GAS 1 M CSO FIN				
NOV17	CALL			
G4		-100	0	2000
TOTALS			0	2000

NATURAL GAS 1 M CSO FIN				
NOV17	PUT			
G4		-200	0	2000
TOTALS			0	2000

NATURAL GAS 3 M CSO FIN				
OCT17	CALL			
G3		-300	0	475
G3		-250	0	450
TOTALS			0	925

NATURAL GAS 3 M CSO FIN				
OCT17	PUT			
G3		-350	0	200
G3		-300	0	250
G3		-250	0	450



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TOTALS		0	900
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4H PUT		MT BELVIEU PROPANE 5-DCML (OPIS)	
JAN18	PUT		
4H		7500	0
TOTALS			50
FEB18	PUT		
4H		7500	0
TOTALS			50
MAR18	PUT		
4H		7500	0
TOTALS			50

4K CALL		MT BELVIEU NRM BUTANE 5-DCML (OPIS)	
OCT17	CALL		
4K		12500	0
TOTALS			50
NOV17	CALL		
4K		12500	0
TOTALS			50
DEC17	CALL		
4K		12500	0
TOTALS			50
JAN18	CALL		
4K		12500	0
TOTALS			50

4K PUT		MT BELVIEU NRM BUTANE 5-DCML (OPIS)	
OCT17	PUT		
4K		8500	0
TOTALS			50
NOV17	PUT		
4K		8500	0
TOTALS			50
DEC17	PUT		
4K		8500	0
TOTALS			50
JAN18	PUT		
4K		8500	0
TOTALS			50

CVR CALL		CHICAGO ETHANOL (PLATTS) APO	
OCT17	CALL		
CVR		15500	0
TOTALS			100

U25 PUT		U25 SHORT TERM NG OPTIONS	
SEP17	PUT		
U25		290	0
TOTALS			350

60A OOC		PJM WEST HUB REAL-TIME PK 5 MW OPT	
JAN18	CALL		
60A		3600	0
60A		4000	0
TOTALS			80

BZO CALL		BRENT CRUDE OIL FUT MARGIN OPT	
NOV17	CALL		
BZO		5800	0
TOTALS			100
DEC17	CALL		
BZO		5600	0
BZO		5800	0
BZO		5900	0
TOTALS			800

JAN18	CALL		
BZO		5600	0
TOTALS			300

SEP18	CALL		
BZO		6500	0
TOTALS			100

BZO PUT		BRENT CRUDE OIL FUT MARGIN OPT	
NOV17	PUT		
BZO		5500	0
TOTALS			100

DEC17	PUT		
BZO		5200	0
BZO		5400	0
TOTALS			500

SEP18	PUT		
BZO		4500	0
TOTALS			150