



PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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ENERGY OPTIONS ON FUTURES

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 details for BRENT 1 MONTH CALENDAR OPTIONS and BRENT AVERAGE PRICE OPTION across various months from APR18 to DEC19.

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PRELIMINARY

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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									
DEC19							0.32 - 0.03	.0434	----	----	----	----	9
11500	----	----											109 UNCH
TOTAL													
JAN20							0.31 - 0.03	.0423	----	----	----	----	9
11500	----	----											9 UNCH
TOTAL													
FEB20							0.46 - 0.04	.0565	----	----	----	----	8
11500	----	----											8 UNCH
TOTAL													
MAR20							0.49 - 0.05	.0591	----	----	----	----	8
11500	----	----											8 UNCH
TOTAL													
APR20							0.56 - 0.09	.0650	----	----	----	----	8
11500	----	----											8 UNCH
TOTAL													
MAY20							0.53 - 0.10	.0624	----	----	----	----	7
11500	----	----											7 UNCH
TOTAL													
JUN20							0.52 - 0.12	.0615	----	----	----	----	7
11500	----	----											7 UNCH
TOTAL													
JUL20							0.53 - 0.12	.0623	----	----	----	----	7
11500	----	----											7 UNCH
TOTAL													
AUG20							0.53 - 0.13	.0622	----	----	----	----	7
11500	----	----											7 UNCH
TOTAL													
SEP20							0.52 - 0.14	.0613	----	----	----	----	6
11500	----	----											6 UNCH
TOTAL													
OCT20							0.54 - 0.16	.0630	----	----	----	----	6
11500	----	----											6 UNCH
TOTAL													
NOV20							0.53 - 0.14	.0621	----	----	----	----	6
11500	----	----											6 UNCH
TOTAL													
DEC20							0.54 - 0.13	.0629	----	----	----	----	6
11500	----	----											6 UNCH
TOTAL													
JAN21							0.55 - 0.14	.0637	----	----	----	----	6
11500	----	----											6 UNCH
TOTAL													
FEB21							0.56 - 0.13	.0645	----	----	----	----	6
11500	----	----											6 UNCH
TOTAL													
MAR21							0.56 - 0.13	.0645	----	----	----	----	5
11500	----	----											5 UNCH
TOTAL													
APR21							0.59 - 0.13	.0669	----	----	----	----	5
11500	----	----											5 UNCH
TOTAL													
MAY21							0.59 - 0.12	.0669	----	----	----	----	5
11500	----	----											5 UNCH
TOTAL													
JUN21							0.61 - 0.11	.0685	----	----	----	----	5
11500	----	----											5 UNCH
TOTAL													
JUL21							0.63 - 0.11	.0701	----	----	----	----	5
11500	----	----											5 UNCH
TOTAL													
AUG21							0.64 - 0.11	.0708	----	----	----	----	5
11500	----	----											5 UNCH
TOTAL													
SEP21							0.66 - 0.10	.0724	----	----	----	----	5
11500	----	----											5 UNCH
TOTAL													
OCT21							0.69 - 0.10	.0747	----	----	----	----	5
11500	----	----											5 UNCH
TOTAL													
NOV21							0.68 - 0.12	.0739	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
DEC21							0.67 - 0.15	.0731	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
JAN22							0.67 - 0.17	.0731	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
FEB22							0.67 - 0.19	.0731	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
MAR22							0.67 - 0.22	.0731	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
APR22							0.69 - 0.31	.0746	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
MAY22							0.72 - 0.22	.0769	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
JUN22							0.78 - 0.19	.0814	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
JUL22							0.83 - 0.17	.0850	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
AUG22							0.89 - 0.14	.0893	----	----	----	----	4
11500	----	----											4 UNCH
TOTAL													
SEP22													



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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include BA CALL SEP22, OCT22, NOV22, DEC22, JAN23, FEB23, MAR23, APR23, MAY23, JUN23, JUL23, AUG23, SEP23, OCT23, BA PUT APR18, MAY18, JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, 9C CALL JUN18, JUL18, AUG18.

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

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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
BE CALL BRENT EURO STYLE OPTION											
TOTAL											31285
DEC18											
6150	----	----	----	----	10.94 - 0.67	.7806	----	----	----	----	1000 UNCH
6350	----	----	----	----	9.48 - 0.64	.7345	----	----	----	----	1000 UNCH
7300	----	----	----	----	3.99 - 0.45	.4588	----	----	----	----	7000 UNCH
7400	----	----	----	----	3.58 - 0.43	.4278	----	----	----	----	1000 UNCH
7500	----	----	----	----	3.20 - 0.42	.3972	----	----	----	----	2000 UNCH
7950	----	----	----	----	1.91 - 0.31	.2740	----	----	----	----	1000 UNCH
8000	----	----	----	----	1.80 - 0.30	.2619	----	----	----	----	4000 UNCH
10500	----	----	----	----	0.15 - 0.04	.0290	----	----	----	----	653 UNCH
TOTAL											17653
MAR19											
7150	----	----	----	----	5.13 - 0.45	.4840	----	----	----	----	1543 UNCH
TOTAL											1543
JUN19											
7000	----	----	----	----	6.05 - 0.41	.5015	----	----	----	----	3006 UNCH
TOTAL											3006
DEC19											
9000	----	----	----	----	1.41 - 0.22	.1618	----	----	----	----	40 UNCH
11000	----	----	----	----	0.46 - 0.02	.0596	----	----	----	----	125 UNCH
TOTAL											165
BE PUT BRENT EURO STYLE OPTION											
JUN18											
5350	----	----	----	----	0.01 UNCH	----	----	----	----	----	1000 UNCH
5850	----	----	----	----	0.01 UNCH	----	----	----	----	----	1000 UNCH
6300	----	----	----	----	0.01 UNCH	----	----	----	----	----	500 UNCH
6650	----	----	----	----	0.01 UNCH	----	----	----	----	----	500 UNCH
6850	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	200 UNCH
TOTAL											3200
AUG18											
3700	----	----	----	----	0.01 UNCH	.0002	----	----	----	----	30 UNCH
4700	----	----	----	----	0.03 UNCH	.0062	----	----	----	----	30 UNCH
6000	----	----	----	----	0.32 + 0.08	.0687	----	----	----	----	200 UNCH
6100	----	----	----	----	0.38 + 0.09	.0814	----	----	----	----	200 UNCH
6300	----	----	----	----	0.56 + 0.13	.1167	----	----	----	----	200 UNCH
TOTAL											660
SEP18											
5500	----	----	----	----	0.23 + 0.04	.0433	----	----	----	----	3000 UNCH
6000	----	----	----	----	0.57 + 0.10	.1009	----	----	----	----	3000 UNCH
6200	----	----	----	----	0.80 + 0.13	.1373	----	----	----	----	3000 UNCH
6350	----	----	----	----	1.04 + 0.17	.1723	----	----	----	----	500 UNCH
TOTAL											9500
DEC18											
3900	----	----	----	----	0.06 UNCH	.0087	----	----	----	----	1000 UNCH
4250	----	----	----	----	0.12 + 0.01	.0168	----	----	----	----	500 UNCH
4500	----	----	----	----	0.17 + 0.01	.0239	----	----	----	----	1000 UNCH
5000	----	----	----	----	0.39 + 0.03	.0521	----	----	----	----	908 UNCH
5850	----	----	----	----	1.39 + 0.12	.1601	----	----	----	----	2000 UNCH
6200	----	----	----	----	2.14 + 0.17	.2307	----	----	----	----	2000 UNCH
6350	----	----	----	----	2.53 + 0.18	.2654	----	----	----	----	1500 UNCH
TOTAL											8908
FEB19											
5000	----	----	----	----	0.76 + 0.05	.0815	----	----	----	----	795 UNCH
TOTAL											795
WCI CALL CANADIAN HEAVY CRUDE OIL APO											
JUN18											
-13500	----	----	----	----	0.001 UNCH	.0022	----	----	----	----	210 UNCH
-13000	----	----	----	----	0.001 UNCH	.0005	----	----	----	----	290 UNCH
TOTAL											500
JUL18											
-13500	----	----	----	----	0.001 UNCH	.0023	----	----	----	----	210 UNCH
-13000	----	----	----	----	0.001 UNCH	.0006	----	----	----	----	290 UNCH
TOTAL											500
AUG18											
-13500	----	----	----	----	0.001 UNCH	.0016	----	----	----	----	210 UNCH
-13000	----	----	----	----	0.001 UNCH	.0007	----	----	----	----	290 UNCH
TOTAL											500
SEP18											
-13500	----	----	----	----	0.001 UNCH	.0011	----	----	----	----	210 UNCH
-13000	----	----	----	----	0.001 UNCH	.0006	----	----	----	----	290 UNCH
TOTAL											500
OCT18											
-13500	----	----	----	----	0.001 UNCH	.0012	----	----	----	----	210 UNCH
-13000	----	----	----	----	0.001 UNCH	.0006	----	----	----	----	290 UNCH
TOTAL											500
NOV18											
-13500	----	----	----	----	0.001 UNCH	.0011	----	----	----	----	210 UNCH
-13000	----	----	----	----	0.001 UNCH	.0006	----	----	----	----	290 UNCH
TOTAL											500
DEC18											
-13500	----	----	----	----	0.001 UNCH	.0011	----	----	----	----	210 UNCH
-13000	----	----	----	----	0.001 UNCH	.0006	----	----	----	----	290 UNCH
TOTAL											500
WCI PUT CANADIAN HEAVY CRUDE OIL APO											
JUN18											
-15500	----	----	----	----	1.500 - 1.047	.8885	----	----	----	----	170 UNCH
TOTAL											170
JUL18											
-15500	----	----	----	----	1.659 - 0.292	.9736	----	----	----	----	170 UNCH
TOTAL											170
AUG18											
-15500	----	----	----	----	3.684 + 0.049	.9715	----	----	----	----	170 UNCH
TOTAL											170
SEP18											
-15500	----	----	----	----	6.611 - 0.844	.9902	----	----	----	----	170 UNCH
TOTAL											170
OCT18											
-15500	----	----	----	----	6.600 - 0.496	.9901	----	----	----	----	170 UNCH
TOTAL											170
NOV18											
-15500	----	----	----	----	6.736 - 0.495	.9905	----	----	----	----	170 UNCH
TOTAL											170
DEC18											
-15500	----	----	----	----	6.823 - 0.396	.9907	----	----	----	----	170 UNCH
TOTAL											170



PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include CE1 OOC MAY18, CVR CALL APR18, JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, CVR PUT APR18, MAY18, JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18.



PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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COAL	API2	ARGUS/MCCLOS	QRTR	OPT	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
CQA CALL											
JUL18											
8500	----	----	----	----	2.93 - 0.63	.5586	----	----	----	----	100 UNCH
9000	----	----	----	----	1.04 - 0.31	.2685	----	----	----	----	50 UNCH
9200	----	----	----	----	0.63 - 0.23	.1808	----	----	----	----	25 UNCH
9700	----	----	----	----	0.16 - 0.07	.0557	----	----	----	----	50 UNCH
10000	----	----	----	----	0.06 - 0.03	.0232	----	----	----	----	50 UNCH
TOTAL											275
OCT18											
8600	----	----	----	----	4.20 - 0.42	.5069	----	----	----	----	100 UNCH
9000	----	----	----	----	2.68 NEW	----	----	----	----	50	50 + UNCH
9500	----	----	----	----	1.43 - 0.20	.2305	----	----	----	----	50 UNCH
TOTAL											200 + 50
CQA PUT											
JUL18											
7500	----	----	----	----	0.14 + 0.03	.0449	----	----	----	----	100 UNCH
7700	----	----	----	----	0.28 + 0.05	.0828	----	----	----	----	100 UNCH
7800	----	----	----	----	0.39 + 0.08	.1099	----	----	----	----	50 UNCH
8000	----	----	----	----	0.69 + 0.13	.1781	----	----	----	----	75 UNCH
8200	----	----	----	----	1.15 + 0.20	.2691	----	----	----	----	75 UNCH
TOTAL											400
CLA CALL											
JAN19											
7900	----	----	----	----	7.67 - 0.45	.6379	----	----	----	----	50 UNCH
8000	----	----	----	----	7.08 - 0.44	.6109	----	----	----	----	145 UNCH
8300	----	----	----	----	5.51 - 0.38	.5268	----	----	----	----	25 UNCH
8400	----	----	----	----	5.07 - 0.36	.4988	----	----	----	----	25 UNCH
8500	----	----	----	----	4.66 - 0.34	.4713	----	----	----	----	55 UNCH
8600	----	----	----	----	4.27 - 0.33	.4441	----	----	----	----	50 UNCH
9000	----	----	----	----	2.97 - 0.25	.3426	----	----	----	----	75 UNCH
9200	----	----	----	----	2.45 - 0.22	.2969	----	----	----	----	50 UNCH
9500	----	----	----	----	1.82 - 0.18	.2361	----	----	----	----	150 UNCH
10000	----	----	----	----	1.07 - 0.12	.1545	----	----	----	----	75 UNCH
TOTAL											700
CLA PUT											
JAN19											
6000	----	----	----	----	0.32 + 0.05	.0434	----	----	----	----	190 UNCH
6500	----	----	----	----	0.72 + 0.08	.0890	----	----	----	25	275 UNCH
6700	----	----	----	----	0.96 + 0.10	.1142	----	----	----	----	50 UNCH
7000	----	----	----	----	1.44 + 0.13	.1611	----	----	----	----	260 UNCH
7500	----	----	----	----	2.61 + 0.18	.2621	----	----	----	----	200 UNCH
7800	----	----	----	----	3.59 + 0.22	.3358	----	----	----	----	50 UNCH
7900	----	----	----	----	3.96 + 0.23	.3620	----	----	----	----	25 UNCH
8000	----	----	----	----	4.36 + 0.24	.3890	----	----	----	----	300 UNCH
8200	----	----	----	----	5.25 + 0.27	.4448	----	----	----	----	25 UNCH
TOTAL											25 1375
MTO CALL											
APR18											
4500	----	----	----	----	36.59 - 0.15	.9979	----	----	----	----	20 UNCH
5600	----	----	----	----	25.60 - 0.14	.9929	----	----	----	----	5 UNCH
8400	----	----	----	----	0.01 UNCH	.0162	----	----	----	----	30 UNCH
TOTAL											55
MAY18											
4500	----	----	----	----	38.44 - 0.90	.9966	----	----	----	----	20 UNCH
5600	----	----	----	----	27.46 - 0.90	.9883	----	----	----	----	5 UNCH
8400	----	----	----	----	1.29 - 0.46	.4562	----	----	----	----	30 UNCH
TOTAL											55
JUN18											
4500	----	----	----	----	39.62 - 1.00	.9971	----	----	----	----	20 UNCH
5600	----	----	----	----	28.66 - 0.99	.9926	----	----	----	----	5 UNCH
8400	----	----	----	----	2.85 - 0.61	.5631	----	----	----	----	30 UNCH
TOTAL											55
JUL18											
4500	----	----	----	----	40.16 - 0.99	.9974	----	----	----	----	20 UNCH
5600	----	----	----	----	29.21 - 1.00	.9942	----	----	----	----	5 UNCH
TOTAL											25
AUG18											
4500	----	----	----	----	40.68 - 0.99	.9972	----	----	----	----	20 UNCH
5600	----	----	----	----	29.75 - 1.00	.9931	----	----	----	----	5 UNCH
TOTAL											25
SEP18											
4500	----	----	----	----	40.47 - 0.94	.9969	----	----	----	----	20 UNCH
5600	----	----	----	----	29.56 - 0.94	.9911	----	----	----	----	5 UNCH
TOTAL											25
OCT18											
4500	----	----	----	----	40.30 - 0.85	.9967	----	----	----	----	20 UNCH
5600	----	----	----	----	29.41 - 0.84	.9897	----	----	----	----	5 UNCH
TOTAL											25
NOV18											
4500	----	----	----	----	40.12 - 0.74	.9965	----	----	----	----	20 UNCH
5600	----	----	----	----	29.25 - 0.74	.9883	----	----	----	----	5 UNCH
TOTAL											25
DEC18											
4500	----	----	----	----	39.56 - 0.74	.9963	----	----	----	----	20 UNCH
5600	----	----	----	----	28.71 - 0.74	.9862	----	----	----	----	5 UNCH
TOTAL											25
MTO PUT											
APR18											
3800	----	----	----	----	0.01 UNCH	.0007	----	----	----	----	20 UNCH
TOTAL											20
MAY18											
3800	----	----	----	----	0.01 UNCH	.0012	----	----	----	----	20 UNCH
TOTAL											20
JUN18											
3800	----	----	----	----	0.01 UNCH	.0012	----	----	----	----	20 UNCH
TOTAL											20
JUL18											
3800	----	----	----	----	0.01 UNCH	.0012	----	----	----	----	20 UNCH
TOTAL											20
AUG18											
3800	----	----	----	----	0.01 UNCH	.0012	----	----	----	----	20 UNCH
TOTAL											20
SEP18											
3800	----	----	----	----	0.01 UNCH	.0013	----	----	----	----	20 UNCH



PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include MTO PUT COAL API2 CIF ARA ARGSMCCLOSKEY OP for months OCT18, NOV18, DEC18.

Table with columns: MFO CALL, COAL API4 FOB RCHRDS BAY ARGS MCCLLO. Rows include MAY18, JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18 for various contract months.

Table with columns: MFO PUT, COAL API4 FOB RCHRDS BAY ARGS MCCLLO. Rows include APR18, MAY18, JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18 for various contract months.

Table with columns: RLA PUT, COAL API4 R BAY ARGUS/MCK CAL. Row includes JAN19.

Table with columns: AO CALL, CRUDE OIL APO OPTIONS. Rows include APR18 for various contract months and prices.

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PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include AO CALL APR18, CRUDE OIL APO OPTIONS, MAY18, and JUN18.



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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 JUN18, JUL18, AUG18 and various contract numbers.





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ENERGY OPTIONS

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PRELIMINARY



PG63 BULLETIN # 78@

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 AO CALL, OCT18, NOV18, DEC18 with various contract months and prices.

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PG63 BULLETIN # 78@

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 AO CALL, DEC18, JAN19, FEB19, MAR19 with various contract specifications and market data.



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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 AO CALL, JUL19, AUG19, SEP19, OCT19, NOV19 with various contract specifications and market data.





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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 AO CALL, CRUDE OIL APO OPTIONS, and various contract months (DEC19, JAN20, FEB20, MAR20, APR20, MAY20, JUN20, JUL20, AUG20) with multiple strike prices.

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PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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PRELIMINARY

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Table for CPF CALL JUL18 and OCT18 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.

Table for AH CALL APR18, MAY18, JUN18 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.

Table for AH PUT APR18, MAY18, JUN18 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.

Table for DAP OFF APR18, MAY18, JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18 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.

Table for GVR CALL APR18, MAY18 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.



PRELIMINARY

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ENERGY OPTIONS

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Table with columns: AT PUT APR18, 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 APR18, MAY18, JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, JAN19, FEB19, MAR19.



PG63 BULLETIN # 78@

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 from MAR19 to FEB19 with various contract specifications 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 # 78@

ENERGY OPTIONS

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	GLOBEX OPEN	OPEN OPEN RANGE	OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
E7 CALL HENRY HUB FINANCIAL LAST DAY 0														
FEB19														
325	----	----	----	----	----	----	0.2310 + 0.0065	.4504	----	----	----	----	11	UNCH
350	----	----	----	----	----	----	0.1760 + 0.0047	.3563	----	----	----	----	38	UNCH
375	----	----	----	----	----	----	0.1350 + 0.0034	.2826	----	----	----	----	39	UNCH
400	----	----	----	----	----	----	0.1047 + 0.0025	.2255	----	----	----	----	18	UNCH
TOTAL													112	
MAR19														
300	----	----	----	----	----	----	0.2868 + 0.0120	.5180	----	----	----	----	5	UNCH
325	----	----	----	----	----	----	0.2182 + 0.0094	.4145	----	----	----	----	12	UNCH
350	----	----	----	----	----	----	0.1687 + 0.0072	.3328	----	----	----	----	39	UNCH
375	----	----	----	----	----	----	0.1334 + 0.0055	.2700	----	----	----	----	38	UNCH
400	----	----	----	----	----	----	0.1071 + 0.0047	.2211	----	----	----	----	21	UNCH
TOTAL													115	
APR19														
275	----	----	----	----	----	----	0.1365 + 0.0068	.4283	----	----	----	----	9	UNCH
300	----	----	----	----	----	----	0.0686 + 0.0041	.2575	----	----	----	----	35	UNCH
325	----	----	----	----	----	----	0.0333 + 0.0021	.1431	----	----	----	----	9	UNCH
TOTAL													53	
MAY19														
275	----	----	----	----	----	----	0.1117 + 0.0054	.3888	----	----	----	----	18	UNCH
300	----	----	----	----	----	----	0.0494 + 0.0028	.2125	----	----	----	----	36	UNCH
325	----	----	----	----	----	----	0.0203 + 0.0012	.1029	----	----	----	----	12	UNCH
TOTAL													66	
JUN19														
275	----	----	----	----	----	----	0.1291 + 0.0056	.4175	----	----	----	----	20	UNCH
300	----	----	----	----	----	----	0.0608 + 0.0030	.2413	----	----	----	----	35	UNCH
325	----	----	----	----	----	----	0.0267 + 0.0015	.1245	----	----	----	----	9	UNCH
TOTAL													64	
JUL19														
275	----	----	----	----	----	----	0.1477 + 0.0063	.4463	----	----	----	----	21	UNCH
295	----	----	----	----	----	----	0.0842 + 0.0042	.3006	----	----	----	----	31	UNCH
300	----	----	----	----	----	----	0.0726 + 0.0037	.2690	----	----	----	----	68	UNCH
325	----	----	----	----	----	----	0.0336 + 0.0021	.1460	----	----	----	----	5	UNCH
TOTAL													125	
AUG19														
275	----	----	----	----	----	----	0.1548 + 0.0053	.4539	----	----	----	----	21	UNCH
295	----	----	----	----	----	----	0.0900 + 0.0035	.3105	----	----	----	----	31	UNCH
300	----	----	----	----	----	----	0.0780 + 0.0031	.2791	----	----	----	----	67	UNCH
TOTAL													119	
SEP19														
275	----	----	----	----	----	----	0.1548 + 0.0062	.4484	----	----	----	----	15	UNCH
295	----	----	----	----	----	----	0.0912 + 0.0042	.3091	----	----	----	----	30	UNCH
300	----	----	----	----	----	----	0.0794 + 0.0038	.2787	----	----	----	----	65	UNCH
TOTAL													110	
OCT19														
275	----	----	----	----	----	----	0.1740 + 0.0066	.4717	----	----	----	----	10	UNCH
295	----	----	----	----	----	----	0.1062 + 0.0047	.3352	----	----	----	----	31	UNCH
300	----	----	----	----	----	----	0.0932 + 0.0042	.3046	----	----	----	----	36	UNCH
TOTAL													77	
NOV19														
295	----	----	----	----	----	----	0.1382 + 0.0050	.3858	----	----	----	----	30	UNCH
300	----	----	----	----	----	----	0.1234 + 0.0046	.3556	----	----	----	----	35	UNCH
325	----	----	----	----	----	----	0.0683 + 0.0029	.2269	----	----	----	----	18	UNCH
TOTAL													83	
DEC19														
295	----	----	----	----	----	----	0.2018 + 0.0051	.4759	----	----	----	----	31	UNCH
300	----	----	----	----	----	----	0.1835 + 0.0048	.4456	----	----	----	----	36	UNCH
325	----	----	----	----	----	----	0.1110 + 0.0033	.3090	----	----	----	----	12	UNCH
TOTAL													79	
JAN20														
300	----	----	----	----	----	----	0.2776 + 0.0050	.5233	----	----	----	----	31	UNCH
325	----	----	----	----	----	----	0.1990 + 0.0042	.4075	----	----	----	----	62	UNCH
350	----	----	----	----	----	----	0.1466 + 0.0066	.3167	----	----	----	----	31	UNCH
TOTAL													124	
FEB20														
300	----	----	----	----	----	----	0.2881 + 0.0038	.5170	----	----	----	----	29	UNCH
325	----	----	----	----	----	----	0.2114 + 0.0032	.4097	----	----	----	----	58	UNCH
350	----	----	----	----	----	----	0.1592 + 0.0059	.3245	----	----	----	----	29	UNCH
TOTAL													116	
MAR20														
300	----	----	----	----	----	----	0.2628 + 0.0034	.4801	----	----	----	----	31	UNCH
325	----	----	----	----	----	----	0.1951 + 0.0035	.3816	----	----	----	----	62	UNCH
350	----	----	----	----	----	----	0.1508 + 0.0082	.3062	----	----	----	----	31	UNCH
TOTAL													124	
APR20														
325	----	----	----	----	----	----	0.0467 + 0.0010	.1711	----	----	----	----	60	UNCH
350	----	----	----	----	----	----	0.0241 + 0.0005	.0989	----	----	----	----	30	UNCH
TOTAL													90	
MAY20														
325	----	----	----	----	----	----	0.0410 + 0.0006	.1568	----	----	----	----	62	UNCH
350	----	----	----	----	----	----	0.0208 + 0.0003	.0888	----	----	----	----	31	UNCH
TOTAL													93	
JUN20														
325	----	----	----	----	----	----	0.0447 + 0.0007	.1677	----	----	----	----	60	UNCH
350	----	----	----	----	----	----	0.0227 + 0.0003	.0954	----	----	----	----	30	UNCH
TOTAL													90	
JUL20														
325	----	----	----	----	----	----	0.0502 + 0.0007	.1825	----	----	----	----	62	UNCH
350	----	----	----	----	----	----	0.0258 + 0.0004	.1053	----	----	----	----	31	UNCH
TOTAL													93	
AUG20														
325	----	----	----	----	----	----	0.0525 + 0.0007	.1879	----	----	----	----	62	UNCH
350	----	----	----	----	----	----	0.0273 + 0.0004	.1096	----	----	----	----	31	UNCH
TOTAL													93	
SEP20														
325	----	----	----	----	----	----	0.0519 + 0.0007	.1858	----	----	----	----	60	UNCH
350	----	----	----	----	----	----	0.0271 + 0.0004	.1086	----	----	----	----	30	UNCH
TOTAL													90	
OCT20														
325	----	----	----	----	----	----	0.0589 + 0.0007	.2021	----	----	----	----	62	UNCH
350	----	----	----	----	----	----	0.0314 + 0.0004	.1207	----	----	----	----	31	UNCH
TOTAL													93	
NOV20														
325	----	----	----	----	----	----	0.0904 + 0.0005	.2598	----	----	----	----	60	UNCH
350	----	----	----	----	----	----	0.0560 + 0.0004	.1755	----	----	----	----	30	UNCH
TOTAL													90	
DEC20														
325	----	----	----	----	----	----	0.1330 - 0.0001	.3349	----	----	----	----	62	UNCH
350	----	----	----	----	----	----	0.0872 UNCH	.2384	----	----	----	----	31	UNCH

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2018 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>  
CME Group, Inc.  
20 South Wacker Drive, Chicago, Illinois 60606-7499.  
Customer Service: (312) 930-1000



PRELIMINARY

PG63 BULLETIN # 78@

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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 O												
E7 PUT												
MAR20												
230	----	----	----	----	----	0.1017 - 0.0018	.1938	----	----	----	----	3
TOTAL												4 UNCH
APR20												
230	----	----	----	----	----	0.1027 - 0.0015	.2620	----	----	----	----	3
TOTAL												3 UNCH
MAY20												
230	----	----	----	----	----	0.1055 - 0.0009	.2726	----	----	----	----	3
TOTAL												3 UNCH
JUN20												
230	----	----	----	----	----	0.0969 - 0.0008	.2547	----	----	----	----	3
TOTAL												3 UNCH
JUL20												
230	----	----	----	----	----	0.0897 - 0.0008	.2376	----	----	----	----	3
TOTAL												3 UNCH
AUG20												
230	----	----	----	----	----	0.0890 - 0.0008	.2343	----	----	----	----	3
TOTAL												3 UNCH
SEP20												
230	----	----	----	----	----	0.0922 - 0.0008	.2400	----	----	----	----	2
TOTAL												2 UNCH
OCT20												
230	----	----	----	----	----	0.0889 - 0.0008	.2288	----	----	----	----	2
TOTAL												2 UNCH
NOV20												
230	----	----	----	----	----	0.0677 - 0.0006	.1908	----	----	----	----	2
TOTAL												2 UNCH
DEC20												
230	----	----	----	----	----	0.0479 - 0.0002	.1365	----	----	----	----	2
TOTAL												2 UNCH
JAN21												
230	----	----	----	----	----	0.0482 + 0.0001	.1209	----	----	----	----	2
TOTAL												2 UNCH
FEB21												
230	----	----	----	----	----	0.0655 + 0.0001	.1435	----	----	----	----	2
TOTAL												2 UNCH
MAR21												
230	----	----	----	----	----	0.0895 + 0.0004	.1785	----	----	----	----	2
TOTAL												2 UNCH
APR21												
230	----	----	----	----	----	0.1188 - 0.0005	.2591	----	----	----	----	2
TOTAL												2 UNCH
MAY21												
230	----	----	----	----	----	0.1166 - 0.0003	.2654	----	----	----	----	2
TOTAL												2 UNCH
JUN21												
230	----	----	----	----	----	0.1093 - 0.0004	.2518	----	----	----	----	2
TOTAL												2 UNCH
JUL21												
230	----	----	----	----	----	0.1041 - 0.0004	.2393	----	----	----	----	2
TOTAL												2 UNCH
AUG21												
230	----	----	----	----	----	0.1024 - 0.0003	.2350	----	----	----	----	2
TOTAL												2 UNCH
SEP21												
230	----	----	----	----	----	0.1042 - 0.0003	.2372	----	----	----	----	1
TOTAL												1 UNCH
OCT21												
230	----	----	----	----	----	0.1002 - 0.0005	.2262	----	----	----	----	1
TOTAL												1 UNCH
NOV21												
230	----	----	----	----	----	0.0869 - 0.0003	.1999	----	----	----	----	1
TOTAL												1 UNCH
DEC21												
230	----	----	----	----	----	0.0695 - 0.0003	.1551	----	----	----	----	1
TOTAL												1 UNCH
JAN22												
230	----	----	----	----	----	0.0629 - 0.0015	.1320	----	----	----	----	1
TOTAL												1 UNCH
FEB22												
230	----	----	----	----	----	0.0769 - 0.0017	.1479	----	----	----	----	1
TOTAL												1 UNCH
MAR22												
230	----	----	----	----	----	0.0956 - 0.0015	.1718	----	----	----	----	1
TOTAL												1 UNCH
APR22												
230	----	----	----	----	----	0.1117 - 0.0018	.2367	----	----	----	----	1
TOTAL												1 UNCH
MAY22												
230	----	----	----	----	----	0.1097 - 0.0011	.2419	----	----	----	----	1
TOTAL												1 UNCH
LLS ARGUS V.WTI CRUDE OIL AVG PRICE												
WJ0 OPT												
JUL18												
400	----	----	----	----	----	0.15 - 0.01	.2105	----	----	----	----	250
450	----	----	----	----	----	0.01 UNCH	.0310	----	----	----	----	50 UNCH
TOTAL												300 UNCH
AUG18												
400	----	----	----	----	----	0.20 - 0.01	.2361	----	----	----	----	250
450	----	----	----	----	----	0.02 - 0.01	.0503	----	----	----	----	50 UNCH
TOTAL												300 UNCH
SEP18												
400	----	----	----	----	----	0.25 UNCH	.2617	----	----	----	----	250
450	----	----	----	----	----	0.04 UNCH	.0810	----	----	----	----	50 UNCH
TOTAL												300 UNCH
OCT18												
400	----	----	----	----	----	0.30 - 0.01	.2803	----	----	----	----	250
450	----	----	----	----	----	0.06 UNCH	.1043	----	----	----	----	50 UNCH
TOTAL												300 UNCH
NOV18												



PG63 BULLETIN # 78@

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 WJO OPT NOV18, DEC18, 4J CALL APR18, MAY18, JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, JAN19, FEB19, MAR19, APR19, MAY19, JUN19, JUL19, AUG19, SEP19, OCT19, NOV19, DEC19, 4H CALL APR18, MAY18, JUN18, OCT18.



PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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2018 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>  
CME Group, Inc.  
20 South Wacker Drive, Chicago, Illinois 60606-7499.  
Customer Service: (312) 930-1000



PRELIMINARY

PG63 BULLETIN # 78@ ENERGY OPTIONS Tue, Apr 24, 2018 PG63

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GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
4H PUT DEC20 6350 TOTAL											
MT BELVIEU PROPANE 5-DCML (OPIS)											
----	----	----	----	----	0.08337 +0.00192	.3725	----	----	----	----	10 UNCH
DEC21 6500 TOTAL											
----	----	----	----	----	0.08902 +0.00198	.4177	----	----	----	----	10 UNCH
G4 CALL MAR19 1000 TOTAL											
NATURAL GAS 1 M CSO FIN											
----	----	----	----	----	0.095 UNCH	.2031	----	----	----	----	50 UNCH
G3 CALL OCT18 - 200 TOTAL											
NATURAL GAS 3 M CSO FIN											
----	----	----	----	----	0.029 + 0.002	.3807	----	----	----	----	7750 UNCH
G3 PUT OCT18 - 500 - 400 - 350 - 300 - 200 TOTAL											
NATURAL GAS 3 M CSO FIN											
----	----	----	----	----	0.005 UNCH	.0643	----	----	----	----	8500 UNCH
----	----	----	----	----	0.007 UNCH	.1071	----	----	----	----	200 UNCH
----	----	----	----	----	0.010 UNCH	.1600	----	----	----	----	11350 UNCH
----	----	----	----	----	0.020 + 0.001	.2796	----	----	----	1000	1000 - 800 UNCH
----	----	----	----	----	0.062 - 0.001	.6192	----	----	----	1000	22050 - 800 UNCH
G5 CALL MAY18 - 100 TOTAL											
NATURAL GAS 5 M CSO FIN											
----	----	----	----	----	0.032 + 0.011	.9698	----	----	----	----	300 UNCH
G5 PUT MAY18 - 150 - 100 TOTAL											
NATURAL GAS 5 M CSO FIN											
----	----	----	----	----	0.001 UNCH	----	----	----	----	----	1250 UNCH
----	----	----	----	----	0.001 UNCH	.0301	----	----	----	----	200 UNCH
G6 CALL APR19 0 TOTAL											
NATURAL GAS 6 M CSO FIN											
----	----	----	----	----	0.041 + 0.001	.3929	----	----	----	----	500 UNCH
G6 PUT APR19 - 150 TOTAL											
NATURAL GAS 6 M CSO FIN											
----	----	----	----	----	0.017 UNCH	.2142	----	----	----	----	1000 UNCH
G6 PUT APR19 - 150 TOTAL											
NATURAL GAS 6 M CSO FIN											
----	----	----	----	----	0.017 UNCH	.2142	----	----	----	----	1000 UNCH
6J CALL JAN19 2800 2850 3000 3250 3500 4000 TOTAL											
NATURAL GAS OPTION ON CALENDAR STRP											
----	----	----	----	----	0.1000 + 0.0071	.4557	----	----	----	----	400 UNCH
----	----	----	----	----	0.0820 + 0.0061	.3952	----	----	----	----	300 UNCH
----	----	----	----	----	0.0461 + 0.0038	.2492	----	----	----	----	1260 UNCH
----	----	----	----	----	0.0235 + 0.0019	.1289	----	----	----	----	300 UNCH
----	----	----	----	----	0.0143 + 0.0011	.0762	----	----	----	----	24 UNCH
----	----	----	----	----	0.0080 + 0.0005	.0383	----	----	----	----	114 UNCH
TOTAL 2398											
JAN20 3000 TOTAL											
----	----	----	----	----	0.0540 + 0.0012	.2552	----	----	----	----	640 UNCH
JAN21 3500 4000 TOTAL											
----	----	----	----	----	0.0079 UNCH	.0508	----	----	----	----	256 UNCH
----	----	----	----	----	0.0005 UNCH	.0043	----	----	----	----	256 UNCH
TOTAL 512											
JAN22 3500 TOTAL											
----	----	----	----	----	0.0587 - 0.0001	.1889	----	----	----	----	124 UNCH
TOTAL 124											
JAN23 3500 TOTAL											
----	----	----	----	----	0.0947 - 0.0005	.2512	----	----	----	----	124 UNCH
TOTAL 124											
JAN25 4000 TOTAL											
----	----	----	----	----	0.1051 - 0.0016	.2244	----	----	----	----	124 UNCH
TOTAL 124											
6J PUT JAN19 2400 2500 2600 2750 2800 TOTAL											
NATURAL GAS OPTION ON CALENDAR STRP											
----	----	----	----	----	0.0204 - 0.0021	.1183	----	----	----	----	800 UNCH
----	----	----	----	----	0.0367 - 0.0035	.1935	----	----	----	----	3264 UNCH
----	----	----	----	----	0.0618 - 0.0052	.2936	----	----	----	----	1200 UNCH
----	----	----	----	----	0.1230 - 0.0082	.4804	----	----	----	----	1600 UNCH
----	----	----	----	----	0.1513 - 0.0093	.5442	----	----	----	----	600 UNCH
TOTAL 7464											
ZR CALL DEC18 3500 3600 TOTAL											
NORTHERN ROCKIES PIPE OPTION											
----	----	----	----	----	0.0042 + 0.0001	.0258	----	----	----	----	372 UNCH
----	----	----	----	----	0.0030 UNCH	.0189	----	----	----	----	62 UNCH
TOTAL 434											
JAN19 3500 3600 TOTAL											
----	----	----	----	----	0.0277 + 0.0003	.1034	----	----	----	----	372 UNCH
----	----	----	----	----	0.0231 + 0.0002	.0878	----	----	----	----	62 UNCH
TOTAL 434											
FEB19 3500 3600 TOTAL											
----	----	----	----	----	0.0455 - 0.0002	.1376	----	----	----	----	336 UNCH
----	----	----	----	----	0.0401 - 0.0002	.1227	----	----	----	----	56 UNCH
TOTAL 392											
DEC19 3300 TOTAL											
----	----	----	----	----	0.0092 - 0.0003	.0476	----	----	----	----	124 UNCH
TOTAL 124											
JAN20 3300 TOTAL											
----	----	----	----	----	0.0488 + 0.0121	.1497	----	----	----	----	124 UNCH
TOTAL 124											
FEB20 3300 TOTAL											
----	----	----	----	----	0.0510 + 0.0092	.1526	----	----	----	----	116 UNCH
TOTAL 116											

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PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include ZR CALL, LC CALL, and monthly summaries (JUN18, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, JAN19).





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Table with columns: LC 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 JAN19 to DEC23 and various contract sizes (e.g., 6700, 8000, 11000).



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Table with columns: LC, 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 JUN18 to DEC19.

Table with columns: LO, CALL, 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 JUN18 to MAY19.

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Table with columns: LO CALL, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX OPEN, OPEN RANGE, OUTCRY 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. Rows include contract months from JUN18 to 5700.

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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 AUG18 and SEP18 contracts for NYMEX CRUDE OIL OPTIONS (PHY).

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Table with columns: LO CALL, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contract months from SEP18 to 15000.

Table with columns: OCT18, LO CALL, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contract months from 4900 to 7150.

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Table with columns: LO CALL, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contract months from OCT18 to 8300.

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PRICE INDICATOR KEY

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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 NOV18, DEC18, and various 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 DEC18, JAN19, FEB19, MAR19.

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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 APR19, MAY19, JUN19, JUL19, AUG19, SEP19, OCT19, NOV19, DEC19 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 various contract months like DEC19, JAN20, JUN20, DEC20, DEC21, DEC22, DEC23 and NYMEX CRUDE OIL OPTIONS (PHY).

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CME Group, Inc.

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Table with columns: LO, PUT, OPEN, OUTCRY, GLOBEX, OPEN, OUTCRY, SETT.PRICE & PT.CHGE., DELTA, EXER, CISES, OPEN, GLOBEX, PNT, OPEN. Rows include NYMEX CRUDE OIL OPTIONS (PHY) for various contract months from JUN18 to JUL18.

TOTAL summary row for each contract month, showing aggregated volume and interest data.

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Table with columns: LO PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include JUL18 and AUG18 contracts.

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Table with columns: LO PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE, DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include AUG18 and SEP18 contracts.

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Table with columns: LO PUT, SEP18, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contract months SEP18, OCT18, and NOV18.

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Table with columns: LO PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, NYMEX CRUDE OIL OPTIONS (PHY), GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include NOV18, DEC18, and various contract months with their respective prices and volumes.

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Table with columns: LO, PUT, JUN19, 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 CRUDE OIL OPTIONS (PHY) for JUN19, SEP19, DEC19, JUN20, and DEC21.



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Table with columns: LO PUT DEC21 8100 TOTAL, 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 CRUDE OIL OPTIONS (PHY) and NYMEX HEATING OIL (PHY) OPTIONS.

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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 months like JUN18, JUL18, AUG18, SEP18, OCT18 with various contract specifications and volume data.



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Table with columns: OH 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 HEATING OIL (PHY) OPTIONS for MAY18, JUN18, JUL18, AUG18, and SEP18.





PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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

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Table with columns: OH 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 HEATING OIL (PHY) OPTIONS and NYMEX NATURAL GAS (EURO) OPTS.

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PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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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. Includes data for JUN18 and JUL18.

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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 JUL18, AUG18, and SEP18 contracts for NYMEX NATURAL GAS (EURO) OPTS.

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Table with columns: LN, CALL, 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 contract months like SEP18, OCT18, NOV18, DEC18.

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ENERGY OPTIONS

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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 DEC18, JAN19, FEB19 contracts.

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PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include FEB19, MAR19, APR19, and MAY19 contracts.



PRELIMINARY

PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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

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



PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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

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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include AUG19, SEP19, OCT19, NOV19 with various contract specifications and volume 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 like DEC19, JAN20, FEB20, MAR20, APR20 and various contract numbers.



PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include APR20, MAY20, JUN20, JUL20, AUG20, SEP20.





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Table with columns: LN, CALL, SEP20, 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 for SEP20, OCT20, NOV20, DEC20, JAN21, FEB21.



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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 FEB21 to SEP21 with various contract specifications and prices.



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ENERGY OPTIONS

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Table with columns: LN, CALL, GLOBEX OPEN, OPEN RANGE, OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY HIGH/LOW, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from OCT21 to JUL22.



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ENERGY OPTIONS

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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 JUL22 to APR23.

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Table with columns: LN, CALL, 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 APR23, MAY23, JUN23, JUL23, AUG23, SEP23, OCT23, NOV23, DEC23, JAN24.





PG63 BULLETIN # 78@

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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 FEB24 to APR25 and various contract specifications like 3050, 3250, 3500, 3700, 4500, 4700, 5300.

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PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 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 monthly summaries (JUN18, JUL18, AUG18, SEP18) and daily data for various contract months.

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Table with columns: LN, PUT, SEP18, 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 for SEP18, OCT18, NOV18, and DEC18.

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

CME Group, Inc.

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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 APR19, MAY19, JUN19, JUL19, AUG19 with various contract months and prices.



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Table with columns: LN, PUT, GLOBEX OPEN, OPEN RANGE, 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. Rows include months like OCT21, NOV21, DEC21, JAN22, FEB22, MAR22, APR22, MAY22, JUN22, JUL22, AUG22, SEP22, OCT22.



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CME Group, Inc.  
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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													
FEB24													
2250		----	----	----	----	----	0.0462 + 0.0002	.0962	----	----	----	----	40 UNCH
2650		----	----	----	----	----	0.1329 + 0.0004	.2273	----	----	----	----	20 UNCH
5300		----	----	----	----	----	1.8897 UNCH	.9320	----	----	----	----	60 UNCH
TOTAL													120
MAR24													
2250		----	----	----	----	----	0.0529 + 0.0002	.1088	----	----	----	----	36 UNCH
2650		----	----	----	----	----	0.1473 + 0.0004	.2488	----	----	----	----	20 UNCH
5300		----	----	----	----	----	1.9348 + 0.0001	.9367	----	----	----	----	60 UNCH
TOTAL													116
APR24													
2250		----	----	----	----	----	0.0890 + 0.0008	.1785	----	----	----	----	42 UNCH
2650		----	----	----	----	----	0.2206 + 0.0015	.3628	----	----	----	----	20 UNCH
5300		----	----	----	----	----	2.1524 + 0.0024	.9589	----	----	----	----	60 UNCH
TOTAL													122
MAY24													
2250		----	----	----	----	----	0.0932 + 0.0009	.1852	----	----	----	----	42 UNCH
2650		----	----	----	----	----	0.2278 + 0.0016	.3718	----	----	----	----	20 UNCH
5300		----	----	----	----	----	2.1627 + 0.0024	.9596	----	----	----	----	60 UNCH
TOTAL													122
JUN24													
2250		----	----	----	----	----	0.0898 + 0.0008	.1775	----	----	----	----	37 UNCH
2650		----	----	----	----	----	0.2206 + 0.0015	.3588	----	----	----	----	20 UNCH
5300		----	----	----	----	----	2.1360 + 0.0023	.9560	----	----	----	----	60 UNCH
TOTAL													117
JUL24													
2250		----	----	----	----	----	0.0863 + 0.0007	.1696	----	----	----	----	37 UNCH
2650		----	----	----	----	----	0.2131 + 0.0014	.3453	----	----	----	----	20 UNCH
5300		----	----	----	----	----	2.1083 + 0.0023	.9529	----	----	----	----	60 UNCH
TOTAL													117
AUG24													
2250		----	----	----	----	----	0.0839 + 0.0008	.1637	----	----	----	----	33 UNCH
2650		----	----	----	----	----	0.2075 + 0.0014	.3346	----	----	----	----	20 UNCH
5300		----	----	----	----	----	2.0846 + 0.0024	.9500	----	----	----	----	60 UNCH
TOTAL													113
SEP24													
2250		----	----	----	----	----	0.0843 + 0.0007	.1633	----	----	----	----	36 UNCH
2650		----	----	----	----	----	0.2075 + 0.0014	.3327	----	----	----	----	20 UNCH
5300		----	----	----	----	----	2.0761 + 0.0023	.9487	----	----	----	----	60 UNCH
TOTAL													116
OCT24													
2250		----	----	----	----	----	0.0810 + 0.0007	.1560	----	----	----	----	41 UNCH
2650		----	----	----	----	----	0.2004 + 0.0014	.3199	----	----	----	----	20 UNCH
5300		----	----	----	----	----	2.0479 + 0.0022	.9454	----	----	----	----	60 UNCH
TOTAL													121
NOV24													
2250		----	----	----	----	----	0.0734 + 0.0006	.1405	----	----	----	----	38 UNCH
2650		----	----	----	----	----	0.1846 + 0.0012	.2937	----	----	----	----	20 UNCH
5300		----	----	----	----	----	1.9937 + 0.0022	.9345	----	----	----	----	60 UNCH
TOTAL													118
DEC24													
2250		----	----	----	----	----	0.0575 + 0.0005	.1098	----	----	----	----	45 UNCH
2650		----	----	----	----	----	0.1513 + 0.0010	.2409	----	----	----	----	20 UNCH
5300		----	----	----	----	----	1.8743 + 0.0019	.9171	----	----	----	----	60 UNCH
TOTAL													125
JAN25													
2250		----	----	----	----	----	0.0478 + 0.0004	.0907	----	----	----	----	45 UNCH
TOTAL													45
FEB25													
2250		----	----	----	----	----	0.0508 + 0.0005	.0955	----	----	----	----	40 UNCH
TOTAL													40
MAR25													
2250		----	----	----	----	----	0.0571 + 0.0005	.1065	----	----	----	----	36 UNCH
TOTAL													36
APR25													
2250		----	----	----	----	----	0.0926 + 0.0009	.1705	----	----	----	----	42 UNCH
TOTAL													42
MAY25													
2250		----	----	----	----	----	0.0964 + 0.0009	.1763	----	----	----	----	42 UNCH
TOTAL													42
JUN25													
2250		----	----	----	----	----	0.0935 + 0.0009	.1699	----	----	----	----	37 UNCH
TOTAL													37
JUL25													
2250		----	----	----	----	----	0.0903 + 0.0009	.1631	----	----	----	----	37 UNCH
TOTAL													37
AUG25													
2250		----	----	----	----	----	0.0878 + 0.0009	.1575	----	----	----	----	33 UNCH
TOTAL													33
SEP25													
2250		----	----	----	----	----	0.0880 + 0.0008	.1570	----	----	----	----	36 UNCH
TOTAL													36
OCT25													
2250		----	----	----	----	----	0.0848 + 0.0007	.1504	----	----	----	----	41 UNCH
TOTAL													41
NOV25													
2250		----	----	----	----	----	0.0773 + 0.0007	.1361	----	----	----	----	38 UNCH
TOTAL													38
DEC25													
2250		----	----	----	----	----	0.0619 + 0.0006	.1083	----	----	----	----	45 UNCH
TOTAL													45
JAN26													
2250		----	----	----	----	----	0.0516 + 0.0005	.0901	----	----	----	----	45 UNCH
TOTAL													45
FEB26													
2250		----	----	----	----	----	0.0543 + 0.0004	.0943	----	----	----	----	40 UNCH
TOTAL													40
MAR26													
2250		----	----	----	----	----	0.0604 + 0.0004	.1043	----	----	----	----	36 UNCH
TOTAL													36
APR26													
2250		----	----	----	----	----	0.0945 + 0.0004	.1624	----	----	----	----	42 UNCH
TOTAL													42
MAY26													
2250		----	----	----	----	----	0.0990 + 0.0004	.1690	----	----	----	----	42 UNCH

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2018 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>  
CME Group, Inc.  
20 South Wacker Drive, Chicago, Illinois 60606-7499.  
Customer Service: (312) 930-1000



PRELIMINARY

PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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LN	PUT	OPEN	OUTCRY	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX®	PNT	OPEN
		OPEN	RANGE	HIGH/LOW	RANGE	& PT.CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
NYMEX NATURAL GAS (EURO) OPTS												
TOTAL												42
JUN26		----	----	----	----	0.0964 + 0.0004	.1636	----	----	----	----	37 UNCH
TOTAL												37
JUL26		----	----	----	----	0.0936 + 0.0004	.1579	----	----	----	----	37 UNCH
TOTAL												37
AUG26		----	----	----	----	0.0913 + 0.0004	.1531	----	----	----	----	33 UNCH
TOTAL												33
SEP26		----	----	----	----	0.0917 + 0.0003	.1529	----	----	----	----	36 UNCH
TOTAL												36
OCT26		----	----	----	----	0.0885 + 0.0003	.1466	----	----	----	----	41 UNCH
TOTAL												41
NOV26		----	----	----	----	0.0809 + 0.0002	.1330	----	----	----	----	38 UNCH
TOTAL												38
DEC26		----	----	----	----	0.0659 + 0.0002	.1074	----	----	----	----	45 UNCH
TOTAL												45
JAN27		----	----	----	----	0.0562 + 0.0001	.0907	----	----	----	----	45 UNCH
TOTAL												45
FEB27		----	----	----	----	0.0591 + 0.0001	.0947	----	----	----	----	40 UNCH
TOTAL												40
MAR27		----	----	----	----	0.0647 UNCH	.1037	----	----	----	----	36 UNCH
TOTAL												36
APR27		----	----	----	----	0.0985 + 0.0001	.1584	----	----	----	----	42 UNCH
TOTAL												42
MAY27		----	----	----	----	0.1022 UNCH	.1639	----	----	----	----	42 UNCH
TOTAL												42
JUN27		----	----	----	----	0.0992 + 0.0001	.1583	----	----	----	----	37 UNCH
TOTAL												37
JUL27		----	----	----	----	0.0964 UNCH	.1528	----	----	----	----	37 UNCH
TOTAL												37
AUG27		----	----	----	----	0.0939 + 0.0001	.1479	----	----	----	----	33 UNCH
TOTAL												33
SEP27		----	----	----	----	0.0940 UNCH	.1473	----	----	----	----	36 UNCH
TOTAL												36
OCT27		----	----	----	----	0.0901 + 0.0001	.1403	----	----	----	----	41 UNCH
TOTAL												41
NOV27		----	----	----	----	0.0824 + 0.0001	.1272	----	----	----	----	38 UNCH
TOTAL												38
DEC27		----	----	----	----	0.0685 + 0.0001	.1043	----	----	----	----	45 UNCH
TOTAL												45
JAN28		----	----	----	----	0.0588 UNCH	.0886	----	----	----	----	45 UNCH
TOTAL												45
FEB28		----	----	----	----	0.0624 + 0.0001	.0934	----	----	----	----	40 UNCH
TOTAL												40
MAR28		----	----	----	----	0.0681 + 0.0001	.1020	----	----	----	----	36 UNCH
TOTAL												36
APR28		----	----	----	----	0.1022 + 0.0001	.1556	----	----	----	----	42 UNCH
TOTAL												42
MAY28		----	----	----	----	0.1058 UNCH	.1607	----	----	----	----	42 UNCH
TOTAL												42
JUN28		----	----	----	----	0.1023 UNCH	.1547	----	----	----	----	37 UNCH
TOTAL												37
JUL28		----	----	----	----	0.0956 + 0.0001	.1455	----	----	----	----	37 UNCH
TOTAL												37
AUG28		----	----	----	----	0.0914 UNCH	.1383	----	----	----	----	33 UNCH
TOTAL												33
SEP28		----	----	----	----	0.0907 + 0.0001	.1364	----	----	----	----	36 UNCH
TOTAL												36
OCT28		----	----	----	----	0.0857 + 0.0001	.1280	----	----	----	----	41 UNCH
TOTAL												41
NOV28		----	----	----	----	0.0789 + 0.0001	.1165	----	----	----	----	38 UNCH
TOTAL												38
DEC28		----	----	----	----	0.0661 + 0.0001	.0960	----	----	----	----	45 UNCH
TOTAL												45
JAN29		----	----	----	----	0.0571 + 0.0001	.0817	----	----	----	----	45 UNCH
TOTAL												45
FEB29		----	----	----	----	0.0600 + 0.0001	.0858	----	----	----	----	40 UNCH
TOTAL												40



PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 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 Nymex Natural Gas (Euro) Opts, Nymex Natural Gas Options (Phy) for May, Jun, Jul, and Aug 2018.





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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 AUG18 to JAN19.

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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 ON CALL, FEB19, MAR19, APR19, MAY19, JUN19, JUL19, AUG19, SEP19, OCT19, ON PUT, MAY18, JUN18, and 2400.

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

CME Group, Inc.

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

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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 JUN18, JUL18, AUG18, SEP18, OCT18, NOV18 with various contract specifications and volume data.

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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	
NYMEX NATURAL GAS OPTIONS (PHY)													
NOV18													
3050	----	----	----	----	----	0.274 - 0.018	.6035	----	----	----	----	12	UNCH
3100	----	----	----	----	----	0.307 - 0.020	.6430	----	----	----	----	14	UNCH
TOTAL												686	
DEC18													
2300	----	----	----	----	----	0.012 - 0.002	.0514	----	----	----	----	2	UNCH
2400	----	----	----	----	----	0.021 - 0.002	.0827	----	----	----	----	30	UNCH
2500	----	----	----	----	----	0.034 - 0.004	.1239	----	----	----	----	111	UNCH
2600	----	----	----	----	----	0.053 - 0.005	.1770	----	----	----	----	1	UNCH
2650	----	----	----	----	----	0.065 - 0.006	.2075	----	----	----	----	25	UNCH
2750	----	----	----	----	----	0.095 - 0.008	.2757	----	----	----	----	5	UNCH
2800	----	----	----	----	----	0.113 - 0.009	.3124	----	----	----	----	3	UNCH
2900	----	----	----	----	----	0.155 - 0.011	.3888	----	----	----	----	278	UNCH
2950	----	----	----/0.190A	----/0.190A	----	0.179 - 0.012	.4278	----	----	----	----	16	UNCH
3000	----	----	----/0.220A	----/0.220A	----	0.205 - 0.013	.4667	----	----	----	----	21	UNCH
3050	----	----	----	----	----	0.233 - 0.015	.5048	----	----	----	----	1	UNCH
3100	----	----	----	----	----	0.263 - 0.015	.5423	----	----	----	----	7	UNCH
3150	----	----	----	----	----	0.295 - 0.016	.5778	----	----	----	----	7	UNCH
3250	----	----	----	----	----	0.364 - 0.017	.6453	----	----	----	----	19	UNCH
TOTAL												526	
JAN19													
2250	----	----	----	----	----	0.013 - UNCH	.0468	----	----	----	----	5	UNCH
2800	----	----	----	----	----	0.118 - 0.010	.2793	----	----	----	----	6	UNCH
2900	----	----	----	----	----	0.160 - 0.011	.3429	----	----	----	----	277	UNCH
3000	----	----	----/0.220A	----/0.220A	----	0.209 - 0.013	.4068	----	----	----	----	101	UNCH
3050	----	----	----/0.250A	----/0.250A	----	0.236 - 0.014	.4383	----	----	----	----	10	UNCH
3100	----	----	----	----	----	0.264 - 0.016	.4691	----	----	----	----	66	UNCH
3250	----	----	----	----	----	0.360 - 0.018	.5554	----	----	----	----	5	UNCH
TOTAL												470	
FEB19													
2250	----	----	----	----	----	0.019 - 0.001	.0622	----	----	----	----	5	UNCH
2800	----	----	----	----	----	0.161 - 0.011	.3153	----	----	----	----	141	UNCH
2900	----	----	----/0.220A	----/0.220A	----	0.211 - 0.014	.3729	----	----	----	----	3	UNCH
3000	----	----	----	----	----	0.268 - 0.016	.4282	----	----	----	----	11	UNCH
3100	----	----	----	----	----	0.331 - 0.017	.4802	----	----	----	----	31	UNCH
TOTAL												191	
MAR19													
2000	----	----	----	----	----	0.012 - 0.001	.0397	----	----	----	----	4	UNCH
2050	----	----	----	----	----	0.015 - 0.001	.0485	----	----	----	----	3	UNCH
2150	----	----	----/0.030A	----/0.030A	----	0.024 - 0.002	.0725	----	----	----	----	33	UNCH
2200	----	----	----/0.030A	----/0.030A	----	0.030 - 0.003	.0874	----	----	----	----	3665	UNCH
2250	----	----	----	----	----	0.038 - 0.002	.1054	----	----	----	----	1069	UNCH
2300	----	----	----	----	----	0.047 - 0.003	.1247	----	----	----	----	3	UNCH
2350	----	----	----	----	----	0.057 - 0.004	.1452	----	----	----	----	2	UNCH
2550	0.120	0.120	#0.120/*0.120	#0.120/*0.120	----	0.116 - NEW	.2445	----	1	----	----	1 +	1
2800	----	----	----/0.240A	----/0.240A	----	0.237 - 0.009	.3823	----	----	----	----	4	UNCH
2900	----	----	----/0.300A	----/0.300A	----	0.296 - 0.010	.4338	----	----	----	----	2	UNCH
2950	----	----	----/0.330A	----/0.330A	----	0.328 - 0.010	.4583	----	----	----	----	23	UNCH
3000	----	----	----	----	----	0.360 - 0.011	.4819	----	----	----	----	3	UNCH
TOTAL									1			4812 +	1
APR19													
2700	----	----	----	----	----	0.239 - 0.008	.5317	----	----	----	----	1	UNCH
2900	----	----	----	----	----	0.371 - 0.011	.6859	----	----	----	----	1	UNCH
TOTAL												2	
MAY19													
2900	----	----	----	----	----	0.386 - 0.011	.7321	----	----	----	----	2	UNCH
TOTAL												2	
JUN19													
2900	----	----	----	----	----	0.373 - 0.009	.7007	----	----	----	----	2	UNCH
TOTAL												2	
JUL19													
2900	----	----	----	----	----	0.357 - 0.008	.6712	----	----	----	----	2	UNCH
TOTAL												2	
AUG19													
2900	----	----	----	----	----	0.357 - 0.009	.6615	----	----	----	----	2	UNCH
TOTAL												2	
SEP19													
2900	----	----	----	----	----	0.369 - 0.009	.6639	----	----	----	----	2	UNCH
TOTAL												2	
OCT19													
3000	----	----	----	----	----	0.431 - 0.009	.7039	----	----	----	----	8	UNCH
TOTAL												8	
CD CALL NYMEX ONE DAY CRUDE OIL OPTIONS													
24APR18	----	----	----	----	----	0.00	UNCH	----	----	----	----	25	0
6800	----	----	----	----	----	0.00	UNCH	----	----	----	----	500	0
7000	----	----	----	----	----			----	----	----	----	525	0
TOTAL													
CD PUT NYMEX ONE DAY CRUDE OIL OPTIONS													
23APR18	----	----	----	----	----	0.00	UNCH	1.0000	----	----	----	0	UNCH
6775	----	----	----	----	----							0	UNCH
TOTAL												0	
KD CALL NYMEX ONE DAY NATURAL GAS OPTIONS													
23APR18	----	----	----	----	----	0.0000	UNCH	1.0000	----	----	----	0	UNCH
2750	----	----	----	----	----	0.0000	UNCH	1.0000	----	----	----	0	UNCH
2775	----	----	----	----	----							0	UNCH
TOTAL												0	
24APR18	----	----	----	----	----	0.0060	NEW	1.0000	500	----	----	500	0
2775	----	----	----	----	----							500	0
TOTAL													
KD PUT NYMEX ONE DAY NATURAL GAS OPTIONS													
23APR18	----	----	----	----	----	0.0000	UNCH	----	----	----	----	0	UNCH
2700	----	----	----	----	----							0	UNCH
TOTAL												0	
24APR18	----	----	----	----	----	0.0000	UNCH	----	----	----	----	50	0
2750	----	----	----	----	----							50	0
TOTAL													
OB CALL NYMEX RBOB (PHY) OPTIONS													
MAY18	----	----	----	----	----	0.3149 - 0.0288	1.0000	----	----	----	----	100	UNCH
17800	----	----	----	----	----	0.2749 - 0.0288	1.0000	----	----	----	----	100	UNCH
18200	----	----	----	----	----	0.1950 - 0.0288	.9997	----	----	----	----	106	UNCH
19000	----	----	----	----	----	0.1752 - 0.0287	.9993	----	----	----	----	130	UNCH
19200	----	----	----	----	----	0.1553 - 0.0288	.9988	----	----	----	----	26	UNCH
19400	----	----	----	----	----	0.1454 - 0.0288	.9983	----	----	----	----	52	UNCH
19500	----	----	----	----	----								

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PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months like MAY18, JUN18, JUL18, AUG18, SEP18, OCT18, DEC18, APR19 and various contract specifications.

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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
PMA OOF PJM WEST HUB REAL-TIME PK CAL 50 MW											
DEC18					1.41 - 0.03	.3287	----	----	----	----	540 UNCH
3500	----	----	----	----	2.19 + 0.03	.5052	----	----	----	----	400 UNCH
3750	----	----	----	----	3.49 - 0.05	.5923	----	----	----	----	40 UNCH
3900	----	----	----	----							1400 UNCH
TOTAL											
JAN19					4.17 + 0.11	.4305	----	----	----	----	220 UNCH
5500	----	----	----	----							220 UNCH
TOTAL											
FEB19					4.25 + 0.09	.4063	----	----	----	----	200 UNCH
5500	----	----	----	----							200 UNCH
TOTAL											
JUL19					4.42 - 0.01	.6767	----	----	----	----	44 UNCH
3600	----	----	----	----	1.81 UNCH	.3232	----	----	----	----	44 UNCH
3600	----	----	----	----							88 UNCH
TOTAL											
AUG19					2.65 + 0.01	.5156	----	----	----	----	44 UNCH
3600	----	----	----	----	3.08 - 0.01	.4843	----	----	----	----	44 UNCH
3600	----	----	----	----							88 UNCH
TOTAL											
RPF CALL POWDR RIVR COAL OPT ON QTY FUT STRP											
JUL18					0.57 - 0.08	.8047	----	----	----	----	110 UNCH
1200	----	----	----	----	0.24 - 0.06	.5094	----	----	----	----	15 UNCH
1250	----	----	----	----							125 UNCH
TOTAL											
OCT18					0.71 - 0.03	.7009	----	----	----	----	110 UNCH
1200	----	----	----	----	0.42 - 0.03	.5167	----	----	----	----	15 UNCH
1250	----	----	----	----							125 UNCH
TOTAL											
RA CALL RBOB APO (AVERAGE PRICE) OPTIONS											
OCT18					0.2078 - 0.0166	.7034	----	----	----	----	50 UNCH
17500	----	----	----	----	0.0356 - 0.0048	.2101	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0284 - 0.0039	.1750	----	----	----	----	5 UNCH
22500	----	----	----	----							65 UNCH
TOTAL											
NOV18					0.1972 - 0.0165	.6630	----	----	----	----	50 UNCH
17500	----	----	----	----	0.0382 - 0.0049	.2105	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0314 - 0.0041	.1792	----	----	----	----	5 UNCH
22500	----	----	----	----							65 UNCH
TOTAL											
DEC18					0.1966 - 0.0150	.6446	----	----	----	----	50 UNCH
17500	----	----	----	----	0.0410 - 0.0051	.2153	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0336 - 0.0044	.1836	----	----	----	----	5 UNCH
22500	----	----	----	----							65 UNCH
TOTAL											
JAN19					0.0483 - 0.0054	.2336	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0405 - 0.0047	.2029	----	----	----	----	5 UNCH
22500	----	----	----	----							15 UNCH
TOTAL											
FEB19					0.0569 - 0.0058	.2548	----	----	----	----	10 UNCH
22000	----	----	----	----	0.0484 - 0.0051	.2242	----	----	----	----	5 UNCH
22500	----	----	----	----							15 UNCH
TOTAL											
RA PUT RBOB APO (AVERAGE PRICE) OPTIONS											
MAY18					0.0024 + 0.0006	.0431	----	----	----	----	50 UNCH
19000	----	----	----	----							50 UNCH
TOTAL											
JUN18					0.0045 + 0.0011	.0490	----	----	----	----	100 UNCH
17900	----	----	----	----							100 UNCH
TOTAL											
SEP18					0.0101	NEW	----	----	----	100	100 + 100
15000	----	----	----	----						100	100 + 100
TOTAL											
OCT18					0.0163 + 0.0018	.0911	----	----	----	100	50 UNCH
15000	----	----	----	----						100	50 UNCH
TOTAL											
NOV18					0.0299 + 0.0011	.1336	----	----	----	100	50 UNCH
15000	----	----	----	----						100	50 UNCH
TOTAL											
DEC18					0.0320 + 0.0022	.1416	----	----	----	100	50 UNCH
15000	----	----	----	----						100	50 UNCH
TOTAL											
RF PUT RBOB EURO EXPIRATION OPTION											
OCT18					0.0018 + 0.0004	.0132	----	----	----	----	125 UNCH
13000	----	----	----	----							125 UNCH
TOTAL											
PJ CALL SAN JUAN PIPE OPTION											
MAY18					0.0001	UNCH	.0006	----	----	----	20 UNCH
3100	----	----	----	----							20 UNCH
TOTAL											
JUN18					0.0001	UNCH	.0010	----	----	----	20 UNCH
3100	----	----	----	----							20 UNCH
TOTAL											
NOV18					0.0295 + 0.0061	.1872	----	----	----	----	180 UNCH
2250	----	----	----	----							180 UNCH
TOTAL											
DEC18					0.1801 + 0.0301	.5817	----	----	----	----	180 UNCH
2250	----	----	----	----	0.0037 + 0.0009	.0238	----	----	----	----	124 UNCH
3400	----	----	----	----	0.0011 + 0.0003	.0077	----	----	----	----	124 UNCH
3750	----	----	----	----							428 UNCH
TOTAL											
JAN19					0.1900 + 0.0223	.5457	----	----	----	----	180 UNCH
2250	----	----	----	----	0.0155 + 0.0023	.0673	----	----	----	----	124 UNCH
3400	----	----	----	----	0.0076 + 0.0012	.0351	----	----	----	----	124 UNCH
3750	----	----	----	----							428 UNCH
TOTAL											
FEB19											



PRELIMINARY

PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
BV CALL WTI-BRENT SPREAD OPTION											
APR19											
- 500					0.55 + 0.11	.3400					250 UNCH
- 400					0.31 + 0.08	.2144					200 UNCH
TOTAL											450
MAY19											
- 500					0.55 + 0.11	.3319					250 UNCH
- 400					0.31 + 0.07	.2102					200 UNCH
TOTAL											450
JUN19											
- 500					0.55 + 0.10	.3268					250 UNCH
- 400					0.32 + 0.08	.2106					200 UNCH
TOTAL											450
JUL19											
- 500					0.55 + 0.11	.3164					250 UNCH
- 400					0.32 + 0.08	.2050					200 UNCH
TOTAL											450
AUG19											
- 500					0.53 + 0.11	.3068					250 UNCH
- 400					0.32 + 0.08	.2018					200 UNCH
TOTAL											450
SEP19											
- 500					0.62 + 0.11	.3208					250 UNCH
- 400					0.42 + 0.09	.2272					200 UNCH
TOTAL											450
OCT19											
- 500					0.64 + 0.11	.3232					250 UNCH
- 400					0.44 + 0.09	.2314					200 UNCH
TOTAL											450
NOV19											
- 500					0.70 + 0.11	.3332					250 UNCH
- 400					0.49 + 0.10	.2430					200 UNCH
TOTAL											450
DEC19											
- 500					0.67 + 0.11	.3377					450 UNCH
- 400					0.49 + 0.10	.2482					200 UNCH
0					0.08 + 0.03	.0501					7500 UNCH
200					0.02 + 0.01	.0148					100 UNCH
300					0.01 UNCH	.0078					450 UNCH
TOTAL											8700
BV PUT WTI-BRENT SPREAD OPTION											
JUN18											
-1000					0.01 UNCH						300 UNCH
- 900					0.01 UNCH						2000 UNCH
- 800					0.01 UNCH	.0019				2500	1500 - 2500
- 750					0.01 UNCH	.0178					800 UNCH
- 700					0.03 - 0.01	.0676				2450	10751 - 2450
- 600	0.28	0.28	0.31/0.28	0.31/0.28	0.29 + 0.04	.6438		1300	5950		7150 - 7250
- 550			0.78B/0.60A	0.78B/0.60A	0.70 + 0.08	.9000					1250 UNCH
- 500			#1.22B/1.10A	#1.22B/1.10A	1.17 + 0.06	.9796				1000	4398 - 500
- 450			1.69B/----	1.69B/----	1.67 + 0.06	.9983				5000	4300 - 3035
- 400			#2.22B/----	#2.22B/----	2.17 + 0.08	.9999					3900 UNCH
- 350					2.67 + 0.09	1.0000					1000 UNCH
- 300					3.17 + 0.09	1.0000					1382 UNCH
- 250					3.67 + 0.09	1.0000					200 UNCH
- 200					4.17 + 0.09	1.0000					1825 UNCH
TOTAL								1300	16900		40756 - 15735
JUL18											
- 700					0.10 - 0.01	.1374					150 UNCH
- 650					0.18 NEW	.2263				1000	1000 + 1000
- 600					0.27 - 0.01	.3364					500 UNCH
- 550			#0.44B/----	#0.44B/----	0.40 - 0.02	.5000					4000 UNCH
- 525					0.54 - 0.03	.5991					50 UNCH
- 500			#0.78B/----	#0.78B/----	0.71 - 0.03	.6879					1960 UNCH
- 400					1.55 - 0.04	.9091					550 UNCH
- 300					2.51 - 0.04	.9796					200 UNCH
- 250					3.00 - 0.04	.9929					200 UNCH
TOTAL									1000		8610 + 1000
AUG18											
- 700					0.14 - 0.01	.1588					150 UNCH
- 600			#0.30B/----	#0.30B/----	0.28 - 0.01	.3171					300 UNCH
- 550					0.42 - 0.03	.4539					100 UNCH
- 500					0.71 - 0.04	.6117					1960 UNCH
- 400			----/1.50A	----/1.50A	1.53 - 0.06	.8073					550 UNCH
- 300					2.41 - 0.07	.9310					200 UNCH
- 250					2.88 - 0.07	.9574					200 UNCH
TOTAL											3460
SEP18											
- 700					0.17 - 0.02	.1778				1500	1500 + 1350
- 650					0.25 - 0.02	.2507					1500 UNCH
- 600			0.40B/----	0.40B/----	0.36 - 0.02	.3460					300 UNCH
- 550					0.54 - 0.03	.4703					1500 UNCH
- 500					0.84 - 0.04	.5986					2825 UNCH
- 400			----/1.64A	----/1.64A	1.60 - 0.05	.7843					550 UNCH
- 300					2.47 - 0.08	.9069					200 UNCH
- 250					2.93 - 0.08	.9393					200 UNCH
TOTAL										1500	8575 + 1350
OCT18											
- 700					0.24 - 0.01	.2126					150 UNCH
- 600			#0.48B/----	#0.48B/----	0.44 - 0.02	.3699					1800 UNCH
- 550					0.63 - 0.03	.4831					100 UNCH
- 500					0.92 - 0.04	.5994					1025 UNCH
- 450					1.28 - 0.06	.6943					750 UNCH
- 400			----/1.76A	----/1.76A	1.70 - 0.07	.7630					250 UNCH
- 300					2.55 - 0.08	.8711					200 UNCH
- 250					3.00 - 0.08	.9115					200 UNCH
TOTAL											4475
NOV18											
- 700					0.28 - 0.01	.2316					150 UNCH
- 600					0.52 - 0.03	.3924					1800 UNCH
- 550					0.72 - 0.05	.4978					100 UNCH
- 500					1.03 - 0.06	.6018					1025 UNCH
- 450			----/1.45A	----/1.45A	1.39 - 0.08	.6899					750 UNCH
- 400					1.78 - 0.09	.7601					250 UNCH
- 300					2.62 - 0.10	.8677					200 UNCH
- 250					3.07 - 0.10	.9066					200 UNCH
TOTAL											4475
DEC18											
-1000					0.05 UNCH	.0455					850 UNCH
- 800					0.20 + 0.04	.1563				500	2500 + 500
- 700			0.34B/----	0.34B/----	0.35 + 0.05	.2582					150 UNCH
- 600			0.64B/----	0.64B/----	0.62 + 0.02	.4137					4800 UNCH
- 550					0.83 - 0.01	.5099					100 UNCH
- 500			1.17B/----	1.17B/----	1.09 - 0.04	.6090					2675 UNCH
- 450					1.43 - 0.06	.6982					750 UNCH
- 400					1.80 - 0.08	.7743					3996 UNCH

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



PG63 BULLETIN # 78@

ENERGY OPTIONS

Tue, Apr 24, 2018 PG63

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BY PUT	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX®	PNT	OPEN
DEC18	OPEN	OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE.		CISES	OUTCRY VOLUME	VOLUME	VOLUME	INTEREST
WTI-BRENT SPREAD OPTION												
- 300	----	----	----	----	----	2.66 - 0.10	.8743	----	----	----	----	3933 UNCH
- 250	----	----	----/3.21A	----/3.21A	----	3.12 - 0.10	.9076	----	----	----	----	325 UNCH
- 200	----	----	----	----	----	3.58 - 0.10	.9333	----	----	----	----	300 UNCH
- 150	----	----	----	----	----	4.05 - 0.11	.9584	----	----	----	500	20579 + 500 UNCH
TOTAL												
JAN19												
- 600	----	----	----	----	----	0.68 + 0.05	.4296	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	1.21 + 0.02	.6115	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	1.56 UNCH	.6903	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	1.94 - 0.02	.7557	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	2.78 - 0.05	.8532	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.22 - 0.06	.8882	----	----	----	400	300 UNCH
TOTAL												
FEB19												
- 600	----	----	----	----	----	0.78 + 0.06	.4573	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	1.34 + 0.03	.6293	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	1.69 + 0.01	.7065	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.09 - 0.01	.7610	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	2.92 - 0.04	.8702	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.37 - 0.05	.9058	----	----	----	400	300 UNCH
TOTAL												
MAR19												
- 900	----	----	----	----	----	0.16 + 0.05	.1210	----	----	----	----	1000 UNCH
- 600	----	----	----	----	----	0.88 + 0.07	.4796	----	----	400	1825 + 400 UNCH	
- 500	----	----	----	----	----	1.47 + 0.05	.6404	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	1.83 + 0.03	.7111	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.22 + 0.01	.7620	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.06 - 0.01	.8646	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.49 - 0.04	.9078	----	----	----	400	300 UNCH
TOTAL												
APR19												
- 600	----	----	----	----	----	0.96 + 0.05	.5000	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	1.53 + 0.02	.6599	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	1.88 UNCH	.7366	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.28 UNCH	.7855	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.11 - 0.04	.9008	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.55 - 0.05	.9461	----	----	----	400	300 UNCH
TOTAL												
MAY19												
- 600	----	----	----	----	----	1.04 + 0.06	.5144	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	1.62 + 0.03	.6680	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	1.98 + 0.01	.7398	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.36 - 0.01	.7897	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.20 - 0.03	.9025	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.64 - 0.04	.9470	----	----	----	400	300 UNCH
TOTAL												
JUN19												
- 600	----	----	----	----	----	1.09 + 0.06	.5235	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	1.68 + 0.04	.6731	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	2.04 + 0.03	.7435	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.42 + 0.01	.7893	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.26 - 0.01	.9036	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.69 - 0.03	.9550	----	----	----	400	300 UNCH
TOTAL												
JUL19												
- 600	----	----	----	----	----	1.18 + 0.05	.5430	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	1.80 + 0.03	.6835	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	2.16 + 0.01	.7538	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.55 UNCH	.7949	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.38 - 0.02	.9114	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.82 - 0.03	.9561	----	----	----	400	300 UNCH
TOTAL												
AUG19												
- 600	----	----	----	----	----	1.23 + 0.07	.5549	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	1.86 + 0.06	.6931	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	2.22 + 0.03	.7636	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.62 + 0.02	.7982	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.46 UNCH	.9127	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.89 - 0.01	.9647	----	----	----	400	300 UNCH
TOTAL												
SEP19												
- 600	----	----	----	----	----	1.30 + 0.09	.5548	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	1.96 + 0.07	.6791	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	2.34 + 0.06	.7400	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.74 + 0.06	.7727	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.57 + 0.03	.8723	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.99 + 0.02	.9153	----	----	----	400	300 UNCH
TOTAL												
OCT19												
- 600	----	----	----	----	----	1.32 + 0.09	.5555	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	1.99 + 0.08	.6767	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	2.36 + 0.07	.7383	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.76 + 0.06	.7685	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.58 + 0.04	.8725	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	4.02 + 0.04	.9061	----	----	----	400	300 UNCH
TOTAL												
NOV19												
- 600	----	----	----	----	----	1.36 + 0.09	.5504	----	----	----	400	1280 UNCH
- 500	----	----	----	----	----	2.03 + 0.08	.6667	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	2.39 + 0.07	.7270	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.79 + 0.07	.7569	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.59 + 0.04	.8611	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	4.02 + 0.04	.8972	----	----	----	400	300 UNCH
TOTAL												
DEC19												
- 600	----	----	----	----	----	1.28 + 0.12	.5342	----	----	----	400	1575 + 295 UNCH
- 500	----	----	----	----	----	1.88 + 0.10	.6622	----	----	----	----	1250 UNCH
- 450	----	----	----	----	----	2.26 + 0.10	.7222	----	----	----	----	250 UNCH
- 400	----	----	----	----	----	2.66 + 0.09	.7517	----	----	----	----	100 UNCH
- 300	----	----	----	----	----	3.48 + 0.06	.8219	----	----	----	----	350 UNCH
- 250	----	----	----	----	----	3.90 + 0.05	.8952	----	----	----	400	300 UNCH
TOTAL												
JAN20												
- 250	----	----	----	----	----	3.74 + 0.01	.9242	----	----	----	----	200 UNCH
TOTAL												
FEB20												
- 250	----	----	----	----	----	3.79 + 0.02	.9099	----	----	----	----	200 UNCH
TOTAL												
MAR20												
- 250	----	----	----	----	----	3.80 + 0.02	.9049	----	----	----	----	200 UNCH
TOTAL												
APR20												
- 250	----	----	----	----	----	3.81 + 0.02	.9015	----	----	----	----	200 UNCH





PRELIMINARY

PG63 BULLETIN # 78@

ENERGY OPTIONS

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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													200
MAY20		----	----	----	----	----	3.82 UNCH	.8981	----	----	----	----	200 UNCH
TOTAL													200
JUN20		----	----	----	----	----	3.81 + 0.01	.8927	----	----	----	----	200 UNCH
TOTAL													200
JUL20		----	----	----	----	----	3.78 UNCH	.8981	----	----	----	----	200 UNCH
TOTAL													200
AUG20		----	----	----	----	----	3.79 + 0.02	.8950	----	----	----	----	200 UNCH
TOTAL													200
SEP20		----	----	----	----	----	3.79 + 0.01	.8939	----	----	----	----	200 UNCH
TOTAL													200
OCT20		----	----	----	----	----	3.80 - 0.02	.8916	----	----	----	----	200 UNCH
TOTAL													200
NOV20		----	----	----	----	----	3.77 - 0.01	.9083	----	----	----	----	200 UNCH
TOTAL													200
DEC20		----	----	----	----	----	3.72 - 0.02	.9169	----	----	----	----	200 UNCH
TOTAL													200



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## OPTIONS EOO'S AND BLOCKS

PRODUCT	STRIKE PRICE	E00 VOLUME	BLOCK VOLUME
NYMEX CRUDE OIL OPTIONS (PHY)			
LO CALL JUN18			
LO	7000	0	4150
LO	7500	0	1000
LO	8000	0	500
TOTALS		0	5650
JUL18			
LO	7250	0	600
TOTALS		0	600
AUG18			
LO	6700	0	300
LO	6800	0	250
LO	7000	0	156
TOTALS		0	706
SEP18			
LO	6700	0	2500
LO	6800	0	500
LO	7000	0	500
LO	7500	0	600
TOTALS		0	4100
NOV18			
LO	6700	0	200
TOTALS		0	200
DEC18			
LO	6500	0	1000
LO	6600	0	200
LO	7000	0	1000
TOTALS		0	2200
MAR19			
LO	7000	0	300
TOTALS		0	300
JUN19			
LO	7000	0	1000
TOTALS		0	1000
DEC19			
LO	7000	0	3500
LO	8500	0	200
TOTALS		0	3700
NYMEX CRUDE OIL OPTIONS (PHY)			
LO PUT JUN18			
LO	6400	0	200
LO	6500	0	500
LO	6600	0	500
LO	6700	0	850
TOTALS		0	2050
JUL18			
LO	6000	0	800
TOTALS		0	800
AUG18			
LO	6550	0	156
LO	6800	0	250
TOTALS		0	406
SEP18			
LO	5500	0	100
LO	6000	0	100
LO	6300	0	800
TOTALS		0	1000
OCT18			
LO	5700	0	200
LO	6000	0	200
TOTALS		0	400
DEC18			
LO	4400	0	100
LO	5000	0	1150
LO	5500	0	450
LO	6000	0	300
TOTALS		0	2000
MAR19			
LO	5000	0	300
LO	6000	0	300
TOTALS		0	600
JUN19			
LO	5500	0	800
LO	5700	0	1000
TOTALS		0	1800
DEC19			
LO	5000	0	300
LO	5500	0	600
TOTALS		0	900
NYMEX HEATING OIL (PHY) OPTIONS			
OH CALL MAY18			
OH	21400	0	25
OH	21500	0	50
TOTALS		0	75
JUN18			
OH	22500	0	25
OH	23000	0	25
TOTALS		0	50
NYMEX HEATING OIL (PHY) OPTIONS			
OH PUT MAY18			
OH	21000	0	50
TOTALS		0	50
JUN18			
OH	20000	0	25
TOTALS		0	25
SEP18			
OH	20000	0	100
TOTALS		0	100

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ENERGY OPTIONS

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## OB PUT NYMEX RBOB (PHY) OPTIONS

DEC18	PUT					
OB		16000		0		150
TOTALS				0		150

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

JUN18	CALL					
WA		30		0		250
TOTALS				0		250

JUL18	CALL					
WA		60		0		100
WA		100		0		100
TOTALS				0		200

AUG18	CALL					
WA		60		0		100
WA		100		0		100
TOTALS				0		200

SEP18	CALL					
WA		60		0		100
WA		100		0		100
TOTALS				0		200

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

JUL18	PUT					
WA		30		0		100
TOTALS				0		100

AUG18	PUT					
WA		30		0		100
TOTALS				0		100

SEP18	PUT					
WA		30		0		100
TOTALS				0		100

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

JUN18	CALL					
LC		7000		0		5
TOTALS				0		5

AUG18	CALL					
LC		6850		0		100
TOTALS				0		100

OCT18	CALL					
LC		7200		0		5
LC		7600		0		5
TOTALS				0		10

NOV18	CALL					
LC		7200		0		5
LC		7600		0		5
TOTALS				0		10

DEC18	CALL					
LC		7200		0		5
LC		7600		0		5
TOTALS				0		10

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

DEC19	PUT					
LC		4000		0		100
TOTALS				0		100

## LN CALL NYMEX NATURAL GAS (EURO) OPTS

MAY18	CALL					
LN		2750		0		300
LN		2800		0		200
TOTALS				0		500

JUN18	CALL					
LN		2750		0		500
LN		2800		0		400
LN		2850		0		1022
LN		2900		0		632
LN		2950		0		457
LN		3000		0		2207
LN		3100		0		1000
TOTALS				0		6218

JUL18	CALL					
LN		2900		0		50
LN		3000		0		450
TOTALS				0		500

AUG18	CALL					
LN		2750		0		200
LN		2900		0		50
LN		3000		0		450
LN		3250		0		100
TOTALS				0		800

SEP18	CALL					
LN		2900		0		50
TOTALS				0		50

OCT18	CALL					
LN		3000		0		565
LN		3150		0		25
TOTALS				0		590

NOV18	CALL					
LN		3150		0		25
TOTALS				0		25

DEC18	CALL					
LN		3150		0		25
TOTALS				0		25

JAN19	CALL					
LN		3250		0		175
LN		3500		0		250
TOTALS				0		425

MAR19	CALL					
LN		3750		0		1000
LN		4000		0		1000
TOTALS				0		2000

JAN20	CALL					
LN		4000		0		250
TOTALS				0		250

FEB20	CALL					
LN		4000		0		250

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TOTALS			0	250
MAR20	CALL			
LN		4000	0	250
TOTALS			0	250
JAN22	CALL			
LN		3500	0	75
TOTALS			0	75
FEB22	CALL			
LN		3500	0	75
TOTALS			0	75
MAR22	CALL			
LN		3500	0	75
TOTALS			0	75
APR22	CALL			
LN		3500	0	75
TOTALS			0	75
MAY22	CALL			
LN		3500	0	75
TOTALS			0	75
JUN22	CALL			
LN		3500	0	75
TOTALS			0	75
JUL22	CALL			
LN		3500	0	75
TOTALS			0	75
AUG22	CALL			
LN		3500	0	75
TOTALS			0	75
SEP22	CALL			
LN		3500	0	75
TOTALS			0	75
OCT22	CALL			
LN		3500	0	75
TOTALS			0	75
NOV22	CALL			
LN		3500	0	75
TOTALS			0	75
DEC22	CALL			
LN		3500	0	75
TOTALS			0	75

NYMEX NATURAL GAS (EURO) OPTS				
LN	PUT			
MAY18	PUT			
LN		2600	0	400
LN		2700	0	1450
LN		2750	0	750
LN		2800	0	400
TOTALS			0	3000
JUN18	PUT			
LN		2600	0	457
LN		2650	0	175
LN		2700	0	460
LN		2750	0	957
LN		2800	0	857
LN		2900	0	790
TOTALS			0	3696
JUL18	PUT			
LN		2250	0	400
LN		2700	0	3
TOTALS			0	403
AUG18	PUT			
LN		2500	0	450
LN		2700	0	3
LN		2750	0	200
LN		2800	0	250
TOTALS			0	903
SEP18	PUT			
LN		2700	0	3
TOTALS			0	3
OCT18	PUT			
LN		2700	0	3
TOTALS			0	3
NOV18	PUT			
LN		2700	0	3
TOTALS			0	3
DEC18	PUT			
LN		2700	0	3
TOTALS			0	3
JAN19	PUT			
LN		2250	0	40
LN		2500	0	440
LN		2700	0	3
LN		2750	0	200
LN		3000	0	150
TOTALS			0	833
FEB19	PUT			
LN		2250	0	740
LN		2500	0	40
LN		2700	0	3
LN		2750	0	500
TOTALS			0	1283
MAR19	PUT			
LN		2250	0	40
LN		2500	0	40
LN		2700	0	3
TOTALS			0	83
APR19	PUT			
LN		2250	0	40
LN		2500	0	40
LN		2700	0	3
TOTALS			0	83
MAY19	PUT			
LN		2250	0	40
LN		2500	0	40
LN		2700	0	3
TOTALS			0	83

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JUN19	PUT			
LN		2250	0	40
LN		2500	0	40
TOTALS			0	80
JUL19	PUT			
LN		2250	0	40
LN		2500	0	40
TOTALS			0	80
AUG19	PUT			
LN		2250	0	40
LN		2500	0	40
TOTALS			0	80
SEP19	PUT			
LN		2250	0	40
LN		2500	0	40
TOTALS			0	80
OCT19	PUT			
LN		2250	0	40
LN		2500	0	40
TOTALS			0	80
NOV19	PUT			
LN		2250	0	40
LN		2500	0	40
TOTALS			0	80
DEC19	PUT			
LN		2250	0	40
LN		2500	0	40
TOTALS			0	80

NYMEX ONE DAY NATURAL GAS OPTIONS				
KD CALL	CALL			
APR18				
KD		2775	0	500
TOTALS			0	500

NYMEX ONE DAY NATURAL GAS OPTIONS				
KD PUT	PUT			
APR18				
KD		2750	0	50
TOTALS			0	50

NYMEX ONE DAY CRUDE OIL OPTIONS				
CD CALL	CALL			
APR18				
CD		6800	0	25
CD		7000	0	500
TOTALS			0	525

WTI-BRENT SPREAD OPTION				
BV CALL	CALL			
JUN18				
BV		-450	0	5000
TOTALS			0	5000
JUL18	CALL			
BV		-500	0	1000
TOTALS			0	1000
SEP18	CALL			
BV		-400	0	1500
TOTALS			0	1500
DEC18	CALL			
BV		-400	0	500
TOTALS			0	500

WTI-BRENT SPREAD OPTION				
BV PUT	PUT			
JUN18				
BV		-800	0	2500
BV		-700	0	2450
BV		-600	0	5950
BV		-500	0	1000
BV		-450	0	5000
TOTALS			0	16900
JUL18	PUT			
BV		-650	0	1000
TOTALS			0	1000
SEP18	PUT			
BV		-700	0	1500
TOTALS			0	1500
DEC18	PUT			
BV		-800	0	500
TOTALS			0	500
JAN19	PUT			
BV		-600	0	400
TOTALS			0	400
FEB19	PUT			
BV		-600	0	400
TOTALS			0	400
MAR19	PUT			
BV		-600	0	400
TOTALS			0	400
APR19	PUT			
BV		-600	0	400
TOTALS			0	400
MAY19	PUT			
BV		-600	0	400
TOTALS			0	400
JUN19	PUT			
BV		-600	0	400
TOTALS			0	400
JUL19	PUT			
BV		-600	0	400
TOTALS			0	400
AUG19	PUT			
BV		-600	0	400
TOTALS			0	400
SEP19	PUT			
BV		-600	0	400
TOTALS			0	400
OCT19	PUT			
BV		-600	0	400
TOTALS			0	400





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NOV19	PUT			
BV		-600	0	400
TOTALS			0	400
DEC19	PUT			
BV		-600	0	400
TOTALS			0	400

## AO CALL CRUDE OIL APO OPTIONS

JAN19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
FEB19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
MAR19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
APR19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
MAY19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
JUN19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
JUL19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
AUG19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
SEP19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
OCT19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
NOV19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125
DEC19	CALL			
AO		6500	0	75
AO		7500	0	50
TOTALS			0	125

## AO PUT CRUDE OIL APO OPTIONS

JAN19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
FEB19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
MAR19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
APR19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
MAY19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
JUN19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
JUL19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
AUG19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
SEP19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
OCT19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
NOV19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325
DEC19	PUT			
AO		4500	0	140
AO		5500	0	185
TOTALS			0	325



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AT CALL HEATING OIL APO (AVG PRICE) OPTIONS				
JUL18	CALL			
AT		21300	0	15
TOTALS			0	15
AUG18 CALL				
AT		21300	0	15
TOTALS			0	15
SEP18 CALL				
AT		21300	0	15
TOTALS			0	15
RA PUT RBOB APO (AVERAGE PRICE) OPTIONS				
SEP18	PUT			
RA		15000	0	100
TOTALS			0	100
OCT18 PUT				
RA		15000	0	100
TOTALS			0	100
NOV18 PUT				
RA		15000	0	100
TOTALS			0	100
DEC18 PUT				
RA		15000	0	100
TOTALS			0	100
7A PUT WTI CRUDE OIL 1 M CSO FIN				
DEC18	PUT			
7A		20	0	500
7A		60	0	500
TOTALS			0	1000
9C CALL BRENT CRUDE OIL 1 M CSO FIN				
JUL18	CALL			
9C		65	0	1000
9C		100	0	1000
TOTALS			0	2000
AUG18 CALL				
9C		65	0	1000
9C		100	0	1000
TOTALS			0	2000
SEP18 CALL				
9C		65	0	1000
9C		100	0	1000
TOTALS			0	2000
9C PUT BRENT CRUDE OIL 1 M CSO FIN				
JUL18	PUT			
9C		30	0	1000
9C		50	0	200
TOTALS			0	1200
AUG18 PUT				
9C		30	0	1000
TOTALS			0	1000
SEP18 PUT				
9C		30	0	1000
TOTALS			0	1000
G3 PUT NATURAL GAS 3 M CSO FIN				
OCT18	PUT			
G3		-300	0	1000
TOTALS			0	1000
E7 CALL HENRY HUB FINANCIAL LAST DAY O				
MAY18	CALL			
E7		280	0	100
TOTALS			0	100
E7 PUT HENRY HUB FINANCIAL LAST DAY O				
MAY18	PUT			
E7		275	0	200
TOTALS			0	200
MFO CALL COAL API4 FOB RCHRDS BAY ARGS MCCL0				
JUN18	CALL			
MFO		9400	0	50
TOTALS			0	50
CVR CALL CHICAGO ETHANOL (PLATTS) APO				
MAY18	CALL			
CVR		15500	0	100
TOTALS			0	100
JUN18 CALL				
CVR		16000	0	25
TOTALS			0	25
CVR PUT CHICAGO ETHANOL (PLATTS) APO				
JUN18	PUT			
CVR		14000	0	25
TOTALS			0	25
CLA PUT COAL API2 ARGUS/MCCL0S CALNDR OPT				
JAN19	PUT			
CLA		6500	0	25
TOTALS			0	25
CQA CALL COAL API2 ARGUS/MCCL0S QRTR OPT				
OCT18	CALL			
CQA		9000	0	50
TOTALS			0	50
PMA OOF PJM WEST HUB REAL-TIME PK CAL 50 MW				
MAY18	CALL			
PMA		3500	0	242
TOTALS			0	242
BZO CALL BRENT CRUDE OIL FUT MARGIN OPT				
JUN18	CALL			
BZO		7500	0	366
TOTALS			0	366

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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 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.

JUL18	CALL			
BZO		7600	0	250
BZO		7800	0	1300
TOTALS			0	1550
AUG18	CALL			
BZO		7500	0	250
TOTALS			0	250
BZO PUT		BRENT CRUDE OIL FUT MARGIN OPT		
JUN18	PUT			
BZO		7300	0	100
TOTALS			0	100
JUL18	PUT			
BZO		6700	0	300
BZO		7000	0	1100
TOTALS			0	1400
SEP18	PUT			
BZO		5500	0	1350
BZO		6700	0	450
TOTALS			0	1800