



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

ENERGY OPTIONS ON FUTURES

	GLOBEX OPEN	OPEN OUTCRY	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
AA CALL BRENT 1 MONTH CALENDAR OPTIONS														
SEP18	----	----	----	----	----	----	----	0.02 - 0.02	.0854	----	----	----	----	1000
50	----	----	----	----	----	----	----							1000
TOTAL														
BA CALL BRENT AVERAGE PRICE OPTION														
JUL18	----	----	----	----	----	----	----	5.26 + 0.16	.9902	----	----	----	----	25
6900	----	----	----	----	----	----	----	0.01 UNCH	.0114	----	----	----	----	100
7900	----	----	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	20
11500	----	----	----	----	----	----	----							145
TOTAL														
AUG18	----	----	----	----	----	----	----	4.06 + 0.14	.7499	----	----	----	----	25
6900	----	----	----	----	----	----	----	0.27 - 0.04	.1090	----	----	----	----	100
7900	----	----	----	----	----	----	----	0.01 UNCH	.0026	----	----	----	----	19
11500	----	----	----	----	----	----	----							144
TOTAL														
SEP18	----	----	----	----	----	----	----	4.96 + 0.09	.6882	----	----	----	----	25
6900	----	----	----	----	----	----	----	3.19 + 0.02	.5366	----	----	----	----	115
7200	----	----	----	----	----	----	----	0.89 - 0.04	.2136	----	----	----	----	100
7900	----	----	----	----	----	----	----	0.01 UNCH	.0027	----	----	----	----	18
11500	----	----	----	----	----	----	----							258
TOTAL														
OCT18	----	----	----	----	----	----	----	0.02 UNCH	.0050	----	----	----	----	17
11500	----	----	----	----	----	----	----							17
TOTAL														
NOV18	----	----	----	----	----	----	----	0.03 - 0.01	.0071	----	----	----	----	16
11500	----	----	----	----	----	----	----							16
TOTAL														
DEC18	----	----	----	----	----	----	----	3.06 - 0.01	.3911	----	----	----	----	135
7650	----	----	----	----	----	----	----	0.05 - 0.01	.0107	----	----	----	----	15
11500	----	----	----	----	----	----	----							150
TOTAL														
JAN19	----	----	----	----	----	----	----	0.41 - 0.02	.0704	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.37 - 0.03	.0643	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.09 UNCH	.0172	----	----	----	----	15
11500	----	----	----	----	----	----	----							115
TOTAL														
FEB19	----	----	----	----	----	----	----	0.34 - 0.04	.0617	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.31 - 0.03	.0567	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.07 UNCH	.0141	----	----	----	----	14
11500	----	----	----	----	----	----	----							114
TOTAL														
MAR19	----	----	----	----	----	----	----	3.30 - 0.06	.3721	----	----	----	----	125
7775	----	----	----	----	----	----	----	0.42 - 0.04	.0712	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.38 - 0.04	.0652	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.09 - 0.01	.0172	----	----	----	----	13
11500	----	----	----	----	----	----	----							238
TOTAL														
APR19	----	----	----	----	----	----	----	0.66 - 0.04	.0962	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.61 - 0.04	.0897	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.18 - 0.02	.0293	----	----	----	----	13
11500	----	----	----	----	----	----	----							113
TOTAL														
MAY19	----	----	----	----	----	----	----	0.59 - 0.04	.0890	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.55 - 0.03	.0834	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.16 - 0.02	.0268	----	----	----	----	12
11500	----	----	----	----	----	----	----							112
TOTAL														
JUN19	----	----	----	----	----	----	----	3.96 + 0.03	.3885	----	----	----	----	110
7750	----	----	----	----	----	----	----	0.68 - 0.02	.0974	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.64 - 0.01	.0919	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.20 - 0.01	.0317	----	----	----	----	12
11500	----	----	----	----	----	----	----							222
TOTAL														
JUL19	----	----	----	----	----	----	----	0.73 - 0.04	.1016	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.68 - 0.05	.0954	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.23 - 0.02	.0352	----	----	----	----	11
11500	----	----	----	----	----	----	----							111
TOTAL														
AUG19	----	----	----	----	----	----	----	0.81 - 0.06	.1083	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.76 - 0.06	.1022	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.26 - 0.04	.0385	----	----	----	----	11
11500	----	----	----	----	----	----	----							111
TOTAL														
SEP19	----	----	----	----	----	----	----	0.87 - 0.04	.1130	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.82 - 0.04	.1070	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.29 - 0.03	.0416	----	----	----	----	10
11500	----	----	----	----	----	----	----							110
TOTAL														
OCT19	----	----	----	----	----	----	----	1.03 - 0.05	.1253	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.97 - 0.04	.1188	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.37 - 0.05	.0497	----	----	----	----	10
11500	----	----	----	----	----	----	----							110
TOTAL														
NOV19	----	----	----	----	----	----	----	0.99 - 0.04	.1218	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.94 - 0.04	.1160	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.35 - 0.03	.0477	----	----	----	----	9
11500	----	----	----	----	----	----	----							109
TOTAL														
DEC19	----	----	----	----	----	----	----	0.92 - 0.03	.1158	----	----	----	----	75
9750	----	----	----	----	----	----	----	0.87 - 0.03	.1100	----	----	----	----	25
9850	----	----	----	----	----	----	----	0.31 - 0.02	.0435	----	----	----	----	9
11500	----	----	----	----	----	----	----							109
TOTAL														
JAN20	----	----	----	----	----	----	----	7.05 - 0.01	.5205	----	----	----	----	125
7045	----	----	----	----	----	----	----	0.30 - 0.01	.0424	----	----	----	----	9
11500	----	----	----	----	----	----	----							134
TOTAL														
FEB20	----	----	----	----	----	----	----	7.03 - 0.01	.5163	----	----	----	----	125
7045	----	----	----	----	----	----	----	0.38 - 0.04	.0504	----	----	----	----	8
11500	----	----	----	----	----	----	----							133
TOTAL														
MAR20	----	----	----	----	----	----	----	6.99 - 0.01	.5123	----	----	----	----	125
7045	----	----	----	----	----	----	----							UNCH



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contract months from MAR20 to OCT22.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

	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	
BA CALL BRENT AVERAGE PRICE OPTION													
OCT22													
11500	----	----	----	----	----	1.25 - 0.06	.1134	----	----	----	----	4	UNCH
TOTAL												4	
NOV22													
11500	----	----	----	----	----	1.28 - 0.06	.1152	----	----	----	----	3	UNCH
TOTAL												3	
DEC22													
11500	----	----	----	----	----	1.31 - 0.06	.1170	----	----	----	----	3	UNCH
TOTAL												3	
JAN23													
11500	----	----	----	----	----	1.34 - 0.07	.1188	----	----	----	----	3	UNCH
TOTAL												3	
FEB23													
11500	----	----	----	----	----	1.37 - 0.06	.1205	----	----	----	----	3	UNCH
TOTAL												3	
MAR23													
11500	----	----	----	----	----	1.40 - 0.06	.1223	----	----	----	----	3	UNCH
TOTAL												3	
APR23													
11500	----	----	----	----	----	1.43 - 0.07	.1240	----	----	----	----	3	UNCH
TOTAL												3	
MAY23													
11500	----	----	----	----	----	1.47 - 0.06	.1263	----	----	----	----	3	UNCH
TOTAL												3	
JUN23													
11500	----	----	----	----	----	1.50 - 0.07	.1279	----	----	----	----	3	UNCH
TOTAL												3	
JUL23													
11500	----	----	----	----	----	1.54 - 0.07	.1302	----	----	----	----	3	UNCH
TOTAL												3	
AUG23													
11500	----	----	----	----	----	1.58 - 0.07	.1324	----	----	----	----	3	UNCH
TOTAL												3	
SEP23													
11500	----	----	----	----	----	1.62 - 0.07	.1346	----	----	----	----	3	UNCH
TOTAL												3	
OCT23													
11500	----	----	----	----	----	1.66 - 0.07	.1367	----	----	----	----	3	UNCH
TOTAL												3	
BA PUT BRENT AVERAGE PRICE OPTION													
JUL18													
5500	----	----	----	----	----	0.01 UNCH	.0001	----	----	----	----	25	UNCH
6000	----	----	----	----	----	0.01 UNCH	.0039	----	----	----	----	190	UNCH
TOTAL												215	
AUG18													
5500	----	----	----	----	----	0.01 UNCH	.0038	----	----	----	----	25	UNCH
6000	----	----	----	----	----	0.04 - 0.03	.0159	----	----	----	----	190	UNCH
TOTAL												215	
SEP18													
5500	----	----	----	----	----	0.07 - 0.04	.0181	----	----	----	----	25	UNCH
6000	----	----	----	----	----	0.22 - 0.11	.0548	----	----	----	----	190	UNCH
TOTAL												215	
OCT18													
6000	----	----	----	----	----	0.48 - 0.15	.0900	----	----	----	----	190	UNCH
TOTAL												190	
NOV18													
6000	----	----	----	----	----	0.79 - 0.18	.1202	----	----	----	----	190	UNCH
TOTAL												190	
DEC18													
6000	----	----	----	----	----	1.11 - 0.22	.1446	----	----	----	----	190	UNCH
TOTAL												190	
JAN20													
6450	----	----	----	----	----	6.06 - 0.36	.3608	----	----	----	----	125	UNCH
TOTAL												125	
FEB20													
6450	----	----	----	----	----	6.25 - 0.38	.3662	----	----	----	----	125	UNCH
TOTAL												125	
MAR20													
6450	----	----	----	----	----	6.44 - 0.39	.3711	----	----	----	----	125	UNCH
TOTAL												125	
APR20													
6350	----	----	----	----	----	6.31 - 0.33	.3575	----	----	----	----	125	UNCH
TOTAL												125	
MAY20													
6350	----	----	----	----	----	6.39 - 0.39	.3623	----	----	----	----	125	UNCH
TOTAL												125	
JUN20													
6350	----	----	----	----	----	6.56 - 0.38	.3675	----	----	----	----	125	UNCH
TOTAL												125	
JUL20													
6275	----	----	----	----	----	6.42 - 0.38	.3583	----	----	----	----	130	UNCH
TOTAL												130	
AUG20													
6275	----	----	----	----	----	6.60 - 0.38	.3629	----	----	----	----	130	UNCH
TOTAL												130	
SEP20													
6275	----	----	----	----	----	6.76 - 0.38	.3671	----	----	----	----	130	UNCH
TOTAL												130	
OCT20													
6325	----	----	----	----	----	7.14 - 0.40	.3806	----	----	----	----	110	UNCH
TOTAL												110	
NOV20													
6300	----	----	----	----	----	7.18 - 0.42	.3803	----	----	----	----	110	UNCH
TOTAL												110	
9C CALL BRENT CRUDE OIL 1 M CSO FIN													
SEP18													
20	----	----	----	----	----	0.04 NEW	.1983	----	----	----	1000	1000 +	1000
35	----	----	----	----	----	0.03 - 0.01	.1353	----	----	----	----	500	UNCH
40	----	----	----	----	----	0.03 - 0.01	.1269	----	----	----	----	3500	UNCH
45	----	----	----	----	----	0.03 - 0.01	.1197	----	----	----	----	1000	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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 9C CALL SEP18, OCT18, NOV18, DEC18, JAN19, FEB19, MAR19, APR19, MAY19, JUN19, JUL19, AUG19, SEP19, OCT19, NOV19, DEC19, and 9C PUT SEP18, OCT18.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 9C PUT NOV18 and DEC18.

Table with columns: BZ0 CALL, BRENT CRUDE OIL, FUT MARGIN OPT. Rows include SEP18 and OCT18 contracts with various strike prices and bid/ask quotes.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contracts for OCT18, NOV18, DEC18, JAN19, FEB19, MAR19, JUN19.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 BZO CALL JUN19, DEC19, BZO PUT SEP18, OCT18, NOV18.

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.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

CONTRACT	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
		RANGE	HIGH/LOW	HIGH/LOW	CLOSE	PRICE		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
						& PT.			VOLUME			
						CHGE.						
BZ0 PUT												
NOV18												
6750	----	----	2.02B/1.42A	2.02B/1.42A	----	1.54 - 0.36	.2660	----	----	----	----	55 UNCH
6800	----	----	2.19B/1.56A	2.19B/1.56A	----	1.68 - 0.37	.2852	----	----	----	----	100 UNCH
6950	----	----	2.76B/2.02A	2.76B/2.02A	----	2.18 - 0.41	.3480	----	----	----	----	13 UNCH
7000	----	----	2.97B/2.20A	2.97B/2.20A	----	2.37 - 0.42	.3701	----	----	----	----	1285 UNCH
7050	----	----	3.18B/2.39A	3.18B/2.39A	----	2.58 - 0.42	.3929	----	----	----	----	37 UNCH
7100	----	----	3.41B/2.59A	3.41B/2.59A	----	2.79 - 0.44	.4158	----	----	----	----	33 UNCH
7150	----	----	3.63B/2.80A	3.63B/2.80A	----	3.02 - 0.44	.4390	----	----	----	----	35 UNCH
7300	----	----	4.45B/3.51A	4.45B/3.51A	----	3.77 - 0.48	.5095	----	----	----	----	50 UNCH
7450	----	----	5.36B/4.35A	5.36B/4.35A	----	4.65 - 0.49	.5787	----	----	----	----	31 UNCH
7500	----	----	5.69B/4.66A	5.69B/4.66A	----	4.96 - 0.49	.6012	----	----	----	----	1604 UNCH
7700	----	----	7.12B/5.98A	7.12B/5.98A	----	6.33 - 0.51	.6854	----	----	----	----	150 UNCH
7750	----	----	7.50B/6.34A	7.50B/6.34A	----	6.70 - 0.51	.7046	----	----	----	----	20 UNCH
TOTAL												5166
DEC18												
3000	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	100 UNCH
3500	----	----	----	----	----	0.01 UNCH	.0002	----	----	----	----	250 UNCH
4000	----	----	----	----	----	0.01 - 0.01	.0019	----	----	----	----	3050 UNCH
4500	----	----	----/*0.05A	----/*0.05A	----	0.04 - 0.02	.0074	----	----	----	----	800 UNCH
4700	----	----	----/*0.06A	----/*0.06A	----	0.06 - 0.02	.0111	----	----	----	----	150 UNCH
4800	----	----	----/*0.07A	----/*0.07A	----	0.07 - 0.03	.0130	----	----	----	----	500 UNCH
5000	----	----	----/0.10A	----/0.10A	----	0.10 - 0.05	.0186	----	----	----	----	3075 UNCH
5100	----	----	----/0.12A	----/0.12A	----	0.12 - 0.06	.0223	----	----	----	----	65 UNCH
5300	----	----	----/0.17A	----/0.17A	----	0.18 - 0.08	.0327	----	----	----	----	700 UNCH
5350	----	----	----/0.19A	----/0.19A	----	0.20 - 0.08	.0361	----	----	----	----	200 UNCH
5500	----	----	0.37B/0.25A	0.37B/0.25A	----	0.26 - 0.10	.0465	----	----	----	----	3178 UNCH
5700	----	----	0.53B/0.35A	0.53B/0.35A	----	0.38 - 0.13	.0659	----	----	----	----	500 UNCH
5800	----	----	0.63B/0.42A	0.63B/0.42A	----	0.45 - 0.15	.0772	----	----	----	----	450 UNCH
5900	----	----	0.74B/0.50A	0.74B/0.50A	----	0.54 - 0.17	.0910	----	----	----	----	700 UNCH
5950	----	----	0.81B/0.55A	0.81B/0.55A	----	0.59 - 0.18	.0986	----	----	----	----	300 UNCH
6000	----	----	0.88B/0.60A	0.88B/0.60A	----	0.65 - 0.19	.1072	----	----	----	250	3670 + 250
6050	----	----	0.95B/0.66A	0.95B/0.66A	----	0.71 - 0.20	.1158	----	----	----	----	2 UNCH
6100	----	----	1.03B/0.71A	1.03B/0.71A	----	0.77 - 0.21	.1246	----	----	----	----	700 UNCH
6150	----	----	1.12B/0.78A	1.12B/0.78A	----	0.84 - 0.22	.1344	----	----	----	----	1 UNCH
6200	----	----	1.21B/0.85A	1.21B/0.85A	----	0.91 - 0.24	.1443	----	----	----	----	500 UNCH
6250	----	----	1.31B/0.92A	1.31B/0.92A	----	0.99 - 0.25	.1551	----	----	----	----	200 UNCH
6300	----	----	1.42B/1.00A	1.42B/1.00A	----	1.08 - 0.26	.1669	----	----	----	----	157 UNCH
6350	----	----	1.53B/1.09A	1.53B/1.09A	----	1.17 - 0.28	.1787	----	----	----	----	250 UNCH
6400	----	----	1.64B/1.18A	1.64B/1.18A	----	1.27 - 0.29	.1914	----	----	----	----	9 UNCH
6500	----	----	1.91B/1.39A	1.91B/1.39A	----	1.49 - 0.31	.2184	----	----	----	----	3085 UNCH
6600	----	----	2.19B/1.62A	2.19B/1.62A	----	1.74 - 0.34	.2477	----	----	----	----	101 UNCH
6650	----	----	2.35B/1.75A	2.35B/1.75A	----	1.88 - 0.34	.2633	----	----	----	----	150 UNCH
6800	----	----	2.87B/2.18A	2.87B/2.18A	----	2.34 - 0.38	.3126	----	----	----	----	300 UNCH
7000	----	----	3.66B/2.89A	3.66B/2.89A	----	3.09 - 0.41	.3845	----	----	----	----	3500 UNCH
7200	----	----	4.61B/3.75A	4.61B/3.75A	----	4.00 - 0.45	.4606	----	----	----	50	67 + 27
7250	----	----	4.89B/4.00A	4.89B/4.00A	----	4.26 - 0.45	.4799	----	----	----	----	31 UNCH
7350	----	----	5.46B/4.52A	5.46B/4.52A	----	4.80 - 0.46	.5184	----	----	----	----	31 UNCH
7400	----	----	5.76B/4.79A	5.76B/4.79A	----	5.09 - 0.46	.5373	----	----	----	----	200 UNCH
7500	----	----	6.39B/5.39A	6.39B/5.39A	----	5.69 - 0.47	.5749	----	----	----	----	350 UNCH
7750	----	----	8.12B/7.03A	8.12B/7.03A	----	7.37 - 0.49	.6626	----	----	----	----	100 UNCH
TOTAL											300	27422 + 277
JAN19												
6700	----	----	----/2.40A	----/2.40A	----	2.56 - 0.36	.2997	----	----	----	----	100 UNCH
TOTAL												100
FEB19												
5500	----	----	----	----	----	0.58 - 0.14	.0786	----	----	----	----	300 UNCH
6900	----	----	----	----	----	3.78 - 0.37	.3723	----	----	----	----	100 UNCH
TOTAL												400
MAR19												
4800	----	----	----	----	----	0.27 - 0.08	.0356	----	----	----	----	200 UNCH
5000	----	----	----	----	----	0.38 - 0.09	.0487	----	----	----	----	450 UNCH
5500	----	----	----	----	----	0.82 - 0.16	.0969	----	----	----	----	950 UNCH
5600	----	----	----	----	----	0.94 - 0.18	.1094	----	----	----	----	200 UNCH
5700	----	----	----	----	----	1.09 - 0.19	.1240	----	----	----	----	175 UNCH
6000	----	----	----	----	----	1.61 - 0.25	.1731	----	----	----	----	200 UNCH
6500	----	----	----	----	----	2.91 - 0.31	.2795	----	----	----	----	250 UNCH
6800	----	----	----	----	----	3.95 - 0.35	.3548	----	----	----	----	100 UNCH
7000	----	----	----	----	----	4.77 - 0.38	.4091	----	----	----	----	200 UNCH
TOTAL												2725
JUN19												
4500	----	----	----	----	----	0.36 - 0.09	.0394	----	----	----	----	800 UNCH
5000	----	----	----	----	----	0.75 - 0.14	.0762	----	----	----	----	1100 UNCH
5500	----	----	----	----	----	1.47 - 0.19	.1353	----	----	----	----	150 UNCH
6000	----	----	----	----	----	2.56 - 0.23	.2144	----	----	----	----	1000 UNCH
6500	----	----	----	----	----	4.08 - 0.27	.3122	----	----	----	----	1100 UNCH
7500	----	----	----	----	----	8.69 - 0.32	.5474	----	----	----	----	300 UNCH
TOTAL												4450
DEC19												
2500	----	----	----	----	----	0.03 UNCH	.0031	----	----	----	----	500 UNCH
3500	----	----	----	----	----	0.20 - 0.03	.0190	----	----	----	----	400 UNCH
4000	----	----	----	----	----	0.44 - 0.07	.0393	----	----	----	----	500 UNCH
4500	----	----	----	----	----	0.90 - 0.11	.0737	----	----	----	----	500 UNCH
5000	----	----	----	----	----	1.66 - 0.16	.1240	----	----	----	----	600 UNCH
5500	----	----	----	----	----	2.74 - 0.24	.1884	----	----	----	----	300 UNCH
6500	----	----	----	----	----	6.01 - 0.37	.3551	----	----	----	----	100 UNCH
7000	----	----	----	----	----	8.23 - NEW	.4534	----	----	1	----	1 + 1
7300	----	----	----	----	----	9.80 - 0.40	.5152	----	----	----	----	6 UNCH
7400	----	----	----	----	----	10.37 - 0.40	.5358	----	----	----	----	5 UNCH
TOTAL										1		2912 + 1
OS CALL												
DEC18												
5000	----	----	----	----	----	22.32 + 0.40	.9813	----	----	----	----	24 UNCH
TOTAL												24
DEC19												
8000	----	----	----	----	----	3.69 - 0.02	.3440	----	----	----	----	50 UNCH
TOTAL												50
OS PUT												
DEC18												
3800	----	----	----	----	----	0.01 UN						



FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

BE CALL	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
SEP18	OPEN	OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE.		CISES	OUTCRY VOLUME	VOLUME	VOLUME	INTEREST
BRENT EURO STYLE OPTION												
8500	----	----	----	----	----	0.01 UNCH	.0013	----	----	----	----	150 UNCH
TOTAL												22347
DEC18												
6150	----	----	----	----	----	11.56 + 0.23	.8655	----	----	----	----	1000 UNCH
6350	----	----	----	----	----	9.90 + 0.18	.8212	----	----	----	----	1000 UNCH
7000	----	----	----	----	----	5.34 + 0.04	.6157	----	----	----	----	464 UNCH
7100	----	----	----	----	----	4.78 + 0.02	.5777	----	----	----	----	1000 UNCH
7150	----	----	----	----	----	4.52 + 0.01	.5585	----	----	----	----	2753 UNCH
7300	----	----	----	----	----	3.78 - 0.01	.5004	----	----	----	----	6000 UNCH
7350	----	----	----	----	----	3.56 - 0.01	.4812	----	----	----	----	3000 UNCH
7400	----	----	----	----	----	3.35 - 0.01	.4621	----	----	----	----	750 UNCH
7450	----	----	----	----	----	3.15 - 0.02	.4433	----	----	----	----	1000 UNCH
7500	----	----	----	----	----	2.96 - 0.02	.4247	----	----	----	----	1000 UNCH
7900	----	----	----	----	----	1.75 - 0.04	.2894	----	----	----	----	360 UNCH
7950	----	----	----	----	----	1.63 - 0.05	.2743	----	----	----	----	1000 UNCH
8000	----	----	----	----	----	1.52 - 0.06	.2599	----	----	----	----	3658 UNCH
8100	----	----	----	----	----	1.33 - 0.05	.2336	----	----	----	----	2310 UNCH
8200	----	----	----	----	----	1.16 - 0.05	.2092	----	----	----	----	1000 UNCH
8250	----	----	----	----	----	1.08 - 0.06	.1975	----	----	----	----	1000 UNCH
8400	----	----	----	----	----	0.88 - 0.05	.1665	----	----	----	----	3500 UNCH
8500	----	----	----	----	----	0.77 - 0.05	.1486	----	----	3000	4600 +	2500 UNCH
8600	----	----	----	----	----	0.67 - 0.05	.1320	----	----	----	0	UNCH
8650	----	----	----	----	----	0.63 - 0.04	.1250	----	----	----	2000	UNCH
9400	----	----	----	----	----	0.25 - 0.03	.0541	----	----	----	1000	UNCH
10500	----	----	----	----	----	0.08 - 0.02	.0181	----	----	----	653	UNCH
TOTAL										3000	39048 +	2500
MAR19												
7150	----	----	----	----	----	5.74 UNCH	.5484	----	----	----	----	1543 UNCH
7300	----	----	----	----	----	5.01 - 0.02	.5052	----	----	----	----	1550 UNCH
7900	----	----	----	----	----	2.81 - 0.03	.3415	----	----	----	----	1422 UNCH
8000	----	----	----	----	----	2.54 - 0.04	.3171	----	----	----	----	700 UNCH
8400	----	----	----	----	----	1.70 - 0.04	.2326	----	----	----	----	1422 UNCH
8500	----	----	----	----	----	1.54 - 0.04	.2148	----	----	----	----	700 UNCH
TOTAL												7337
JUN19												
7000	----	----	----	----	----	7.13 UNCH	.5741	----	----	----	----	3772 UNCH
TOTAL												3772
DEC19												
9000	----	----	----	----	----	1.82 - 0.02	.1992	----	----	----	----	40 UNCH
11000	----	----	----	----	----	0.54 - 0.06	.0689	----	----	----	----	125 UNCH
TOTAL												165
BRENT EURO STYLE OPTION												
BE PUT												
SEP18												
5500	----	----	----	----	----	0.01 UNCH	.0001	----	----	----	----	3000 UNCH
6000	----	----	----	----	----	0.02 - 0.01	.0071	----	----	----	----	3000 UNCH
6200	----	----	----	----	----	0.03 - 0.02	.0118	----	----	----	----	3000 UNCH
6350	----	----	----	----	----	0.04 - 0.04	.0174	----	----	----	----	500 UNCH
6600	----	----	----	----	----	0.09 - 0.09	.0435	----	----	----	----	500 UNCH
7000	----	----	----	----	----	0.51 - 0.28	.2384	----	----	----	----	1495 UNCH
TOTAL												11495
NOV18												
6650	----	----	----	----	----	1.28 - 0.32	.2293	----	----	----	----	500 UNCH
TOTAL												500
DEC18												
3900	----	----	----	----	----	0.01 - 0.01	.0013	----	----	----	----	1000 UNCH
4250	----	----	----	----	----	0.02 - 0.01	.0038	----	----	----	----	500 UNCH
4500	----	----	----	----	----	0.04 - 0.02	.0074	----	----	----	----	1000 UNCH
5000	----	----	----	----	----	0.10 - 0.05	.0186	----	----	----	----	908 UNCH
5600	----	----	----	----	----	0.31 NEW	.0549	----	----	6000	6000 +	6000 UNCH
5850	----	----	----	----	----	0.49 - 0.16	.0836	----	----	----	2000	UNCH
6200	----	----	----	----	----	0.91 - 0.23	.1443	----	----	6000	6000 +	4000 UNCH
6250	----	----	----	----	----	0.99 - 0.25	.1551	----	----	----	1000	UNCH
6350	----	----	----	----	----	1.17 - 0.27	.1787	----	----	----	1500	UNCH
6500	----	----	----	----	----	1.48 - 0.31	.2178	----	----	----	320	UNCH
6700	----	----	----	----	----	2.01 - 0.36	.2786	----	----	----	3000	UNCH
6750	----	----	----	----	----	2.16 - 0.37	.2950	----	----	----	1000	UNCH
6900	----	----	----	----	----	2.68 - 0.40	.3475	----	----	----	2500	UNCH
7000	----	----	----	----	----	3.07 - 0.41	.3842	----	----	----	7000	UNCH
TOTAL										12000	33728 +	10000
FEB19												
5000	----	----	----	----	----	0.25 - 0.08	.0365	----	----	----	----	795 UNCH
TOTAL												795
MAR19												
6800	----	----	----	----	----	3.91 - 0.35	.3544	----	----	----	----	2000 UNCH
6900	----	----	----	----	----	4.30 - 0.36	.3813	----	----	----	----	4440 UNCH
7000	----	----	----	----	----	4.72 - 0.37	.4090	----	----	----	----	1000 UNCH
TOTAL												7440
CANADIAN HEAVY CRUDE OIL APO												
WCI CALL												
AUG18												
-1350C	----	----	----	----	----	0.001 UNCH	.0000	----	----	----	----	210 UNCH
-1300C	----	----	----	----	----	0.001 UNCH	.0000	----	----	----	----	290 UNCH
TOTAL												500
SEP18												
-1350C	----	----	----	----	----	0.001 UNCH	.0008	----	----	----	----	210 UNCH
-1300C	----	----	----	----	----	0.001 UNCH	.0005	----	----	----	----	290 UNCH
TOTAL												500
OCT18												
-1350C	----	----	----	----	----	0.001 UNCH	.0008	----	----	----	----	210 UNCH
-1300C	----	----	----	----	----	0.001 UNCH	.0005	----	----	----	----	290 UNCH
TOTAL												500
NOV18												
-1350C	----	----	----	----	----	0.001 UNCH	.0008	----	----	----	----	210 UNCH
-1300C	----	----	----	----	----	0.001 UNCH	.0005	----	----	----	----	290 UNCH
TOTAL												500
DEC18												
-1350C	----	----	----	----	----	0.001 UNCH	.0008	----	----	----	----	210 UNCH
-1300C	----	----	----	----	----	0.001 UNCH	.0005	----	----	----	----	290 UNCH
TOTAL												500
CANADIAN HEAVY CRUDE OIL APO												
WCI PUT												
AUG18												
-1550C	----	----	----	----	----	3.602 UNCH	.9959	----	----	----	----	170 UNCH
TOTAL												170
SEP18												
-1550C	----	----	----	----	----	9.983 - 0.199	.9957	----	----	----	----	170 UNCH
TOTAL												170
OCT18												
-1550C	----	----	----	----	----	10.465 UNCH	.9958	----	----	----	----	170 UNCH
TOTAL												170
NOV18												



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
WCI PUT NOV18 CANADIAN HEAVY CRUDE OIL APO											
-15500	----	----	----	----	10.247 UNCH	.9956	----	----	----	----	170 UNCH
TOTAL 170 UNCH											
DEC18											
-15500	----	----	----	----	10.179 + 0.001	.9955	----	----	----	----	170 UNCH
TOTAL 170 UNCH											
CE3 OOC SEP18 CHICAGO ETHANOL 3 MTH CAL SPD OPT											
200	----	----	----	----	0.0155 - 0.0016	.5623	----	----	----	----	25 UNCH
250	----	----	----	----	0.0110 - 0.0014	.5000	----	----	----	----	25 UNCH
300	----	----	----	----	0.0072 - 0.0012	.4158	----	----	----	----	100 UNCH
TOTAL 150 UNCH											
CVR CALL JUL18 CHICAGO ETHANOL(PLATTS) APO											
14000	----	----	----	----	0.0160 + 0.0037	.6593	----	----	----	----	25 UNCH
14500	----	----	----	----	0.0011 + 0.0003	.0783	----	----	----	----	650 UNCH
15000	----	----	----	----	0.0001 UNCH	.0068	----	----	----	----	530 UNCH
15500	----	----	----	----	0.0001 UNCH	.0000	----	----	----	----	415 UNCH
16000	----	----	----	----	0.0001 UNCH	----	----	----	----	----	800 UNCH
16500	----	----	----	----	0.0001 UNCH	----	----	----	----	----	135 UNCH
17000	----	----	----	----	0.0001 UNCH	----	----	----	----	----	25 UNCH
TOTAL 2580 UNCH											
AUG18											
14000	----	----	----	----	0.0385 + 0.0050	.5598	----	----	----	----	329 UNCH
14500	----	----	----	----	0.0177 + 0.0023	.3285	----	----	----	----	215 UNCH
15000	----	----	----	----	0.0070 + 0.0008	.1377	----	----	----	----	550 UNCH
15500	----	----	----	----	0.0024 + 0.0002	.0631	----	----	----	----	350 UNCH
16000	----	----	----	----	0.0007 UNCH	.0209	----	----	----	----	290 UNCH
16500	----	----	----	----	0.0002 UNCH	.0065	----	----	----	----	410 UNCH
17000	----	----	----	----	0.0001 UNCH	.0031	----	----	----	----	200 UNCH
TOTAL 2344 UNCH											
SEP18											
15000	----	----	----	----	0.0139 + 0.0014	.2220	----	----	----	----	200 UNCH
15500	----	----	----	----	0.0065 - 0.0004	.1197	----	----	----	----	860 UNCH
16000	----	----	----	----	0.0028 - 0.0004	.0582	----	----	----	----	115 UNCH
16500	----	----	----	----	0.0011 - 0.0003	.0255	----	----	----	----	100 UNCH
17000	----	----	----	----	0.0004 - 0.0001	.0101	----	----	----	----	25 UNCH
TOTAL 1300 UNCH											
OCT18											
15000	----	----	----	----	0.0174 + 0.0012	.2391	----	----	----	----	25 UNCH
15500	----	----	----	----	0.0096 + 0.0009	.1470	----	----	----	----	110 UNCH
16000	----	----	----	----	0.0050 + 0.0005	.0845	----	----	----	----	5 UNCH
16500	----	----	----	----	0.0026 + 0.0003	.0474	----	----	----	----	150 UNCH
TOTAL 290 UNCH											
NOV18											
15000	----	----	----	----	0.0205 + 0.0015	.2505	----	----	----	----	15 UNCH
15500	----	----	----	----	0.0122 + 0.0010	.1644	----	----	----	----	110 UNCH
16000	----	----	----	----	0.0070 + 0.0005	.1030	----	----	----	----	5 UNCH
16500	----	----	----	----	0.0039 + 0.0002	.0620	----	----	----	----	150 UNCH
TOTAL 280 UNCH											
DEC18											
15000	----	----	----	----	0.0234 + 0.0014	.2571	----	----	----	----	15 UNCH
15500	----	----	----	----	0.0148 + 0.0010	.1777	----	----	----	----	35 UNCH
16000	----	----	----	----	0.0092 + 0.0007	.1192	----	----	----	----	5 UNCH
16500	----	----	----	----	0.0057 + 0.0006	.0786	----	----	----	----	60 UNCH
TOTAL 115 UNCH											
CVR PUT JUL18 CHICAGO ETHANOL(PLATTS) APO											
13500	----	----	----	----	0.0001 - 0.0002	.0089	----	----	----	----	535 UNCH
14000	----	----	----	----	0.0060 - 0.0038	.3406	----	----	----	----	740 UNCH
14500	----	----	----	----	0.0411 - 0.0072	.9216	----	----	----	----	265 UNCH
15000	----	----	----	----	0.0900 - 0.0075	.9931	----	----	----	----	125 UNCH
TOTAL 1665 UNCH											
AUG18											
13500	----	----	----	----	0.0109 - 0.0023	.2194	----	----	----	----	60 UNCH
14000	----	----	----	----	0.0285 - 0.0025	.4401	----	----	----	----	234 UNCH
14500	----	----	----	----	0.0576 - 0.0052	.6715	----	----	----	----	125 UNCH
TOTAL 419 UNCH											
SEP18											
13000	----	----	----	----	0.0090 - 0.0018	.1482	----	----	----	----	150 UNCH
13500	----	----	----	----	0.0208 - 0.0028	.2849	----	----	----	----	60 UNCH
14000	----	----	----	----	0.0408 - 0.0043	.4573	----	----	----	----	120 UNCH
14500	----	----	----	----	0.0695 - 0.0067	.6326	----	----	----	----	50 UNCH
15000	----	----	----	----	0.1060 - 0.0086	.7779	----	----	----	----	10 UNCH
TOTAL 390 UNCH											
OCT18											
13000	----	----	----	----	0.0146 - 0.0034	.1952	----	----	----	----	25 UNCH
13500	----	----	----	----	0.0284 - 0.0057	.3263	----	----	----	----	250 UNCH
14000	----	----	----	----	0.0497 - 0.0078	.4823	----	----	----	----	50 UNCH
14500	----	----	----	----	0.0797 - 0.0087	.6366	----	----	----	----	20 UNCH
15000	----	----	----	----	0.1168 - 0.0088	.7608	----	----	----	----	50 UNCH
TOTAL 395 UNCH											
NOV18											
13000	----	----	----	----	0.0207 - 0.0047	.2345	----	----	----	----	25 UNCH
13500	----	----	----	----	0.0366 - 0.0073	.3601	----	----	----	----	150 UNCH
14000	----	----	----	----	0.0596 - 0.0094	.5015	----	----	----	----	50 UNCH
14500	----	----	----	----	0.0904 - 0.0103	.6378	----	----	----	----	20 UNCH
15000	----	----	----	----	0.1272 - 0.0109	.7494	----	----	----	----	15 UNCH
TOTAL 260 UNCH											
DEC18											
13000	----	----	----	----	0.0274 - 0.0068	.2718	----	----	----	----	25 UNCH
13500	----	----	----	----	0.0460 - 0.0086	.3938	----	----	----	----	200 UNCH
14000	----	----	----	----	0.0713 - 0.0098	.5226	----	----	----	----	50 UNCH
14500	----	----	----	----	0.1029 - 0.0104	.6438	----	----	----	----	20 UNCH
15000	----	----	----	----	0.1398 - 0.0110	.7428	----	----	----	----	15 UNCH
TOTAL 310 UNCH											
CQA CALL OCT18 COAL API2 ARGUS/MCCLOS QRTR OPT											
8600	----	----	----	----	9.10 - 0.55	.8523	----	----	----	----	100 UNCH
9000	----	----	----	----	6.08 - 0.48	.7113	----	----	----	----	50 UNCH
9100	----	----	----	----	5.42 - 0.46	.6696	----	----	----	----	40 UNCH
9500	----	----	----	----	3.24 - 0.35	.4903	----	----	----	----	100 UNCH
10000	----	----	----	----	1.56 - 0.21	.2867	----	----	----	----	400 UNCH
10500	----	----	----	----	0.67 - 0.12	.1446	----	----	----	----	50 UNCH
TOTAL 740 UNCH											
JAN19											

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

© Copyright CME Group Inc. All rights reserved.



FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 CQA CALL, CQA PUT, CLA CALL, CLA PUT, MTO CALL, MTO PUT, MFO CALL.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 MFO CALL, MFO PUT, RLA PUT, AO CALL, and various contract months like NOV18, DEC18, AUG18, SEP18, OCT18, NOV18, JAN19, AUG18.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include AUG18, SEP18, and OCT18 contracts.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contract months like OCT18, NOV18, and DEC18 with various energy options.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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, and various contract months.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 FEB19, MAR19, APR19, MAY19 and various contract specifications.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 MAY19, JUN19, JUL19, AUG19 with various contract months and their corresponding prices and volumes.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 AUG19, SEP19, OCT19, NOV19, DEC19 with various contract months and prices.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 DEC19 to SEP20 and various contract specifications.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 and AO PUT contracts for various months from MAR22 to AUG18.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

AO	PUT	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
CRUDE OIL APO OPTIONS													
NOV18							0.79 - 0.16	.1371	----	----	----	----	1468 UNCH
5500		----	----	----	----	----	0.96 - 0.17	.1614	----	----	----	----	200 UNCH
5600		----	----	----	----	----	1.15 - 0.19	.1878	----	----	----	----	3 UNCH
5700		----	----	----	----	----	1.26 - 0.19	.2023	----	----	----	----	150 UNCH
5750		----	----	----	----	----	1.38 - 0.20	.2175	----	----	----	----	27 UNCH
5800		----	----	----	----	----	1.63 - 0.22	.2491	----	----	----	----	2 UNCH
5900		----	----	----	----	----	1.92 - 0.23	.2833	----	----	----	----	1133 UNCH
6000		----	----	----	----	----	2.60 - 0.26	.3578	----	----	----	----	140 UNCH
6200		----	----	----	----	----	2.70 - 0.25	.3677	----	----	----	----	60 UNCH
6225		----	----	----	----	----	3.00 - 0.26	.3977	----	----	----	----	200 UNCH
6300		----	----	----	----	----	3.22 - 0.26	.4182	----	----	----	----	11 UNCH
6350		----	----	----	----	----	3.68 - 0.27	.4597	----	----	----	----	11 UNCH
6450		----	----	----	----	----	3.93 - 0.27	.4807	----	----	----	----	575 UNCH
6500		----	----	----	----	----	5.02 - 0.28	.5645	----	----	----	----	16 UNCH
6700		----	----	----	----	----			----	----	----	12	20708 - 12
TOTAL													
DEC18							0.01 UNCH	.0006	----	----	----	----	261 UNCH
3000		----	----	----	----	----	0.02 UNCH	.0038	----	----	----	----	1056 UNCH
3500		----	----	----	----	----	0.06 - 0.01	.0112	----	----	----	----	2753 UNCH
4000		----	----	----	----	----	0.07 - 0.02	.0132	----	----	----	----	9 UNCH
4100		----	----	----	----	----	0.09 - 0.02	.0167	----	----	----	----	337 UNCH
4200		----	----	----	----	----	0.10 - 0.02	.0185	----	----	----	----	9 UNCH
4250		----	----	----	----	----	0.11 - 0.03	.0204	----	----	----	----	1 UNCH
4300		----	----	----	----	----	0.14 - 0.03	.0254	----	----	----	----	153 UNCH
4400		----	----	----	----	----	0.17 - 0.04	.0306	----	----	12	3581 - 12	
4500		----	----	----	----	----	0.20 - 0.06	.0361	----	----	----	----	225 UNCH
4600		----	----	----	----	----	0.25 - 0.06	.0442	----	----	----	----	550 UNCH
4700		----	----	----	----	----	0.28 - 0.07	.0489	----	----	----	----	341 UNCH
4750		----	----	----	----	----	0.31 - 0.07	.0536	----	----	----	----	241 UNCH
4800		----	----	----	----	----	0.32 - 0.07	.0550	----	----	----	----	31 UNCH
4810		----	----	----	----	----	0.38 - 0.08	.0644	----	----	----	----	10 UNCH
4900		----	----	----	----	----	0.46 - 0.10	.0766	----	----	----	----	6699 UNCH
5000		----	----	----	----	----	0.56 - 0.11	.0910	----	----	----	----	54 UNCH
5100		----	----	----	----	----	0.68 - 0.13	.1076	----	----	----	----	132 UNCH
5200		----	----	----	----	----	0.82 - 0.14	.1262	----	----	----	----	1 UNCH
5300		----	----	----	----	----	0.98 - 0.16	.1467	----	----	----	----	130 UNCH
5400		----	----	----	----	----	1.07 - 0.16	.1578	----	----	----	----	90 UNCH
5450		----	----	----	----	----	1.16 - 0.17	.1690	----	----	----	----	1468 UNCH
5500		----	----	----	----	----	1.37 - 0.18	.1938	----	----	----	----	200 UNCH
5600		----	----	----	----	----	1.60 - 0.20	.2201	----	----	----	----	3 UNCH
5700		----	----	----	----	----	1.73 - 0.20	.2343	----	----	----	----	150 UNCH
5750		----	----	----	----	----	1.86 - 0.21	.2485	----	----	----	----	178 UNCH
5800		----	----	----	----	----	2.14 - 0.23	.2785	----	----	----	----	2 UNCH
5900		----	----	----	----	----	2.46 - 0.24	.3105	----	----	----	----	1149 UNCH
6000		----	----	----	----	----	3.19 - 0.26	.3790	----	----	----	----	140 UNCH
6200		----	----	----	----	----	3.61 - 0.26	.4152	----	----	----	----	200 UNCH
6300		----	----	----	----	----	3.84 - 0.26	.4337	----	----	----	----	12 UNCH
6350		----	----	----	----	----	4.31 - 0.27	.4712	----	----	----	----	12 UNCH
6450		----	----	----	----	----	4.56 - 0.27	.4900	----	----	----	----	575 UNCH
6500		----	----	----	----	----	5.09 - 0.27	.5277	----	----	----	----	7 UNCH
6600		----	----	----	----	----	5.67 - 0.27	.5650	----	----	----	----	16 UNCH
6700		----	----	----	----	----			----	----	----	12	20776 - 12
TOTAL													
JAN19							0.01 UNCH	.0017	----	----	----	----	1 UNCH
3000		----	----	----	----	----	0.03 - 0.01	.0053	----	----	----	----	90 UNCH
3500		----	----	----	----	----	0.05 - 0.02	.0089	----	----	----	----	150 UNCH
3750		----	----	----	----	----	0.06 - 0.02	.0105	----	----	----	----	7 UNCH
3800		----	----	----	----	----	0.09 - 0.03	.0156	----	----	----	----	621 UNCH
4000		----	----	----	----	----	0.11 - 0.04	.0189	----	----	----	----	9 UNCH
4100		----	----	----	----	----	0.14 - 0.04	.0236	----	----	----	----	3 UNCH
4200		----	----	----	----	----	0.15 - 0.05	.0253	----	----	----	----	2 UNCH
4250		----	----	----	----	----	0.17 - 0.05	.0284	----	----	----	----	15 UNCH
4300		----	----	----	----	----	0.25 - 0.07	.0407	----	----	12	898 - 12	
4500		----	----	----	----	----	0.31 - 0.07	.0494	----	----	----	----	30 UNCH
4600		----	----	----	----	----	0.38 - 0.08	.0592	----	----	----	----	72 UNCH
4700		----	----	----	----	----	0.42 - 0.09	.0647	----	----	----	----	240 UNCH
4750		----	----	----	----	----	0.46 - 0.10	.0702	----	----	----	----	15 UNCH
4800		----	----	----	----	----	0.47 - 0.10	.0715	----	----	----	----	31 UNCH
4810		----	----	----	----	----	0.67 - 0.12	.0975	----	----	----	----	1811 UNCH
5000		----	----	----	----	----	0.80 - 0.14	.1135	----	----	----	----	30 UNCH
5100		----	----	----	----	----	0.95 - 0.15	.1313	----	----	----	----	330 UNCH
5200		----	----	----	----	----	1.12 - 0.17	.1508	----	----	----	----	2 UNCH
5300		----	----	----	----	----	1.31 - 0.18	.1719	----	----	----	----	40 UNCH
5400		----	----	----	----	----	1.42 - 0.18	.1834	----	----	----	----	45 UNCH
5450		----	----	----	----	----	1.53 - 0.19	.1951	----	----	----	----	2132 UNCH
5500		----	----	----	----	----	2.03 - 0.21	.2455	----	----	----	----	28 UNCH
5700		----	----	----	----	----	2.31 - 0.23	.2727	----	----	----	----	31 UNCH
5800		----	----	----	----	----	2.96 - 0.25	.3319	----	----	----	----	1240 UNCH
6000		----	----	----	----	----	3.33 - 0.25	.3634	----	----	----	----	150 UNCH
6100		----	----	----	----	----	3.73 - 0.26	.3961	----	----	----	----	50 UNCH
6200		----	----	----	----	----	4.38 - 0.27	.4470	----	----	----	----	15 UNCH
6350		----	----	----	----	----	4.86 - 0.28	.4817	----	----	----	----	15 UNCH
6450		----	----	----	----	----	5.66 - 0.28	.5341	----	----	----	----	6 UNCH
6600		----	----	----	----	----	22.42 - 0.27	.9422	----	----	----	----	31 UNCH
8640		----	----	----	----	----	23.48 - 0.26	.9482	----	----	----	----	31 UNCH
8750		----	----	----	----	----			----	----	----	12	8171 - 12
TOTAL													
FEB19							0.01 - 0.01	.0018	----	----	----	----	1 UNCH
3000		----	----	----	----	----	0.04 - 0.03	.0068	----	----	----	----	90 UNCH
3500		----	----	----	----	----	0.08 - 0.03	.0129	----	----	----	----	150 UNCH
3750		----	----	----	----	----	0.09 - 0.03	.0144	----	----	----	----	7 UNCH
3800		----	----	----	----	----	0.13 - 0.05	.0207	----	----	----	----	618 UNCH
4000		----	----	----	----	----	0.16 - 0.05	.0252	----	----	----	----	9 UNCH
4100		----	----	----	----	----	0.20 - 0.06	.0308	----	----	----	----	3 UNCH
4200		----	----	----	----	----	0.22 - 0.06	.0337	----	----	----	----	2 UNCH
4250		----	----	----	----	----	0.24 - 0.07	.0366	----	----	----	----	15 UNCH
4300		----	----	----	----	----	0.36 - 0.08	.0527	----	----	12	891 - 12	
4500		----	----	----	----	----	0.44 - 0.09	.0628	----	----	----	----	30 UNCH
4600		----	----	----	----	----	0.52 - 0.10	.0732	----	----	----	----	66 UNCH
4700		----	----	----	----	----	0.58 - 0.10	.0801	----	----	----	----	240 UNCH
4750		----	----	----	----	----	0.63 - 0.11	.0862	----	----	----	----	



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 JUL19 with various contract specifications and volume data.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 JUL19 to NOV19 and various contract specifications.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 NOV19 to MAY20 and various contract specifications.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 JUN20 to JUL21 and contract types like CRUDE OIL APO OPTIONS.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

AO PUT	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
CRUDE OIL APO OPTIONS												
AUG21												
4000	----	----	----	----	----	2.37 - 0.26	.1561	----	----	----	----	1
5000	----	----	----	----	----	5.30 - 0.37	.3122	----	----	----	----	125
TOTAL												126
SEP21												
4000	----	----	----	----	----	2.43 - 0.25	.1587	----	----	----	----	1
5000	----	----	----	----	----	5.38 - 0.37	.3151	----	----	----	----	125
TOTAL												126
OCT21												
4000	----	----	----	----	----	2.48 - 0.25	.1608	----	----	----	----	1
5000	----	----	----	----	----	5.44 - 0.39	.3176	----	----	----	----	125
TOTAL												126
NOV21												
4000	----	----	----	----	----	2.54 - 0.25	.1633	----	----	----	----	1
5000	----	----	----	----	----	5.52 - 0.39	.3204	----	----	----	----	125
TOTAL												126
DEC21												
4000	----	----	----	----	----	2.62 - 0.24	.1665	----	----	----	----	1
5000	----	----	----	----	----	5.64 - 0.37	.3241	----	----	----	----	125
TOTAL												126
CRUDE OIL OPTION ON CALENDAR STRP												
JAN19												
4500	----	----	----	----	----	0.12 - 0.01	.0265	----	----	----	----	85
5500	----	----	----	----	----	1.30 - 0.05	.2039	----	----	----	----	85
TOTAL												170
CRUDE OIL OPTIONS												
AUG18												
6700	----	----	#1.85B/*1.32A	#1.85B/*1.32A	----	1.58 - 0.12	.5283	----	----	----	----	2
6750	----	----	#1.58B/*1.11A	#1.58B/*1.11A	----	1.31 - 0.15	.4728	----	----	----	----	1
6800	----	----	#1.34B/*0.92A	#1.34B/*0.92A	----	1.08 - 0.15	.4170	----	----	----	----	1
6900	----	----	0.94B/*0.62A	0.94B/*0.62A	----	0.72 - 0.14	.3115	----	----	----	----	2
7000	0.52	0.52	0.63B/*0.41A	0.63B/*0.41A	----	0.47 - 0.12	.2224	----	4	----	----	3
7100	----	----	0.41B/*0.27A	0.41B/*0.27A	----	0.30 - 0.09	.1526	----	----	----	----	101
7200	----	----	0.26B/*0.17A	0.26B/*0.17A	----	0.19 - 0.06	.1020	----	----	----	----	1
7250	----	----	----/*0.14A	----/*0.14A	----	0.15 - 0.05	.0824	----	----	----	----	0
7300	0.13	0.13	0.13/*0.11A	0.13/*0.11A	----	0.12 - 0.04	.0670	----	1	----	----	2 +
7450	----	----	----/*0.07A	----/*0.07A	----	0.06 - 0.02	.0348	----	----	----	----	31
7600	----	----	----	----	----	0.03 - 0.01	.0178	----	----	----	----	1
7700	----	----	----	----	----	0.02 - 0.01	.0118	----	----	----	----	2
8050	----	----	----	----	----	0.01 UNCH	.0052	----	----	----	----	1
8100	----	----	----	----	----	0.01 UNCH	.0040	----	----	----	----	1
TOTAL										5		149 +
CRUDE OIL OPTIONS												
AUG18												
5750	----	----	----/0.06A	----/0.06A	----	0.02 - 0.05	.0101	----	----	10	----	41 +
6000	----	----	----/0.11A	----/0.11A	----	0.08 - 0.08	.0384	----	----	----	----	1
6150	----	----	----/0.17A	----/0.17A	----	0.17 - 0.10	.0772	----	----	----	----	1
6200	----	----	#0.32B/*0.20A	#0.32B/*0.20A	----	0.21 - 0.10	.0942	----	3	----	----	3
6250	----	----	#0.39B/*0.24A	#0.39B/*0.24A	----	0.26 - 0.11	.1146	----	----	----	----	1
6450	----	----	0.80B/*0.51A	0.80B/*0.51A	----	0.59 - 0.15	.2351	----	----	----	----	1
6500	----	----	0.94B/*0.61A	0.94B/*0.61A	----	0.71 - 0.17	.2749	----	3	----	----	4
6600	----	----	1.30B/*0.89A	1.30B/*0.89A	----	1.02 - 0.19	.3672	----	----	----	----	1
6700	----	----	----	----	----	1.42 NEW	.4716	----	10	----	----	10 +
6800	----	----	#2.36B/1.74A	#2.36B/1.74A	----	1.92 - 0.24	.5829	----	----	----	----	2
6850	----	----	#2.69B/2.02A	#2.69B/2.02A	----	2.22 - 0.24	.6377	----	----	----	----	5
TOTAL										26		70 +
CRUDE OIL OPTIONS												
JUL18												
6550	1.60	1.60	#1.64B/*1.47A	#1.64B/*1.47A	----	1.86 - NEW	.8465	----	----	1	----	1 +
6600	----	----	1.59B/*1.12A	1.59B/*1.12A	----	1.46 - 0.08	.7686	----	----	----	----	1
6650	----	----	#1.36B/*0.81A	#1.36B/*0.81A	----	1.11 - 0.10	.6651	----	----	----	----	2
6700	0.92	0.92	1.03B/*0.50	1.03B/*0.50	----	0.81 - 0.11	.5450	----	69	----	----	71 +
6750	0.67	0.67	0.77B/*0.40A	0.77B/*0.40A	----	0.56 - 0.12	.4180	----	49	----	----	38 +
6800	0.48	0.48	0.54B/*0.22	0.54B/*0.22	----	0.37 - 0.11	.2975	----	121	----	----	61 +
6850	0.33	0.33	0.36/*0.16	0.36/*0.16	----	0.24 - 0.08	.1989	----	95	----	----	93 +
6900	0.22	0.22	0.24/*0.10A	0.24/*0.10A	----	0.15 - 0.07	.1247	----	246	----	----	281 +
6950	0.14	0.14	0.14/*0.07A	0.14/*0.07A	----	0.09 - 0.05	.0732	----	43	----	----	65 +
7000	0.09	0.09	0.09/*0.04A	0.09/*0.04A	----	0.05 - 0.04	.0391	----	137	----	----	198 +
7050	0.02	0.02	0.04B/*0.02	0.04B/*0.02	----	0.03 - 0.03	.0217	----	110	----	----	131 +
7100	0.02	0.02	0.03/*0.01	0.03/*0.01	----	0.02 - 0.01	.0131	----	48	----	----	121 +
7150	0.02	0.02	0.02/0.02	0.02/0.02	----	0.01 - 0.01	.0059	----	8	----	----	22 +
7200	----	----	----	----	----	0.01 UNCH	.0025	----	----	----	----	33
7250	----	----	----	----	----	0.01 UNCH	.0010	----	----	----	----	84
7300	----	----	----	----	----	0.01 UNCH	.0004	----	----	----	----	119
7350	0.01	0.01	0.01/0.01	0.01/0.01	----	0.01 UNCH	.0001	----	20	----	----	71
7400	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	55
7450	----	----	----	----	----	0.01 UNCH	.0000	----	1	----	----	26
7500	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	3
7550	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	10
7600	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	126
7650	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	1
7700	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	60
7750	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	7
7850	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	51
7900	----	----	----	----	----	0.01 UNCH	----	----	----	----	----	18
TOTAL										948		1749 +
CRUDE OIL OPTIONS												
JUL18												
5950	0.01	0.01	0.01/0.01	0.01/0.01	----	0.01 UNCH	.0000	----	----	1	----	7 +
6000	----	----	----	----	----	0.01 UNCH	.0000	----	----	----	----	15
6050	----	----	----/*0.01A	----/*0.01A	----	0.01 - 0.01	.0001	----	----	----	----	8
6100	----	----	----/*0.01A	----/*0.01A	----	0.01 - 0.01	.0003	----	4	----	----	14
6150	0.02	0.02	0.02/0.02	0.02/0.02	----	0.01 - 0.02	.0008	----	4	----	----	13 +
6200	0.03	0.03	0.03/*0.01A	0.03/*0.01A	----	0.01 - 0.03	.0021	----	29	----	----	82 +
6250	0.03	0.03	0.04/*0.01	0.04/*0.01	----	0.01 - 0.05	.0051	----	19	----	----	204 +
6300	0.06	0.06	0.06/*0.01	0.06/*0.01	----	0.02 - 0.05	.0113	----	14	----	----	44 +
6350	0.09	0.09	0.09/0.03	0.09/0.03	----	0.03 - 0.07	.0187	----	183	----	----	327 +
6400	0.10	0.10	0.15B/0.04	0.15B/0.04	----	0.05 - 0.08	.0338	----	48	----	----	151 +
6450	0.18	0.18	0.20B/0.07A	0.20B/0.07A	----	0.08 - 0.10	.0576	----	3	----	----	58
6500	0.20	0.20	0.29B/0.10A	0.29B/0.10A	----	0.13 - 0.12	.0972	----	75	----	----	294 +
6550	0.21	0.21	0.42B/0.15A	0.42B/0.15A	----	0.20 - 0.14	.1534	----	31	----	----	243 +
6600	0.40	0.40	0.60/0.22A	0.60/0.22A	----	0.30 - 0.17	.2313	----	44	----	----	86 +
6650	0.73	0.73	#0.83/0.34A	#0.83/0.34A	----	0.45 - 0.19	.3348	----	94	----	----	178 +
6700	0.84	0.84	#1.09/0.49A	#1.09/0.49A	----	0.65 - 0.20	.4549	----	132	----	----	115 +
6750	0.73	0.73	#1.33B/0.69A	#1.33B/0.69A	----	0.90 - 0.21	.5819	----	2	----	----	126 +
6800	1.52	1.52	#1.63B/0.95A	#1.63B/0.95A	----	1.21 - 0.20	.7024	----	5	----	----	113 +



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 L03 PUT, L04 CALL, L04 PUT, CPF CALL, DAP OFF, LB CALL.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
LB CALL EURO HEATING OIL														
JAN19														
23100	----	----	----	----	----	----	----	0.0697 + 0.0088	.3198	----	----	----	----	2 UNCH
TOTAL														2
FEB19														
23100	----	----	----	----	----	----	----	0.0717 + 0.0014	.3229	----	----	----	----	2 UNCH
TOTAL														2
MAR19														
23100	----	----	----	----	----	----	----	0.0828 + 0.0050	.3375	----	----	----	----	2 UNCH
TOTAL														2
APR19														
23100	----	----	----	----	----	----	----	0.0795 + 0.0017	.3275	----	----	----	----	1 UNCH
TOTAL														1
LB PUT EURO HEATING OIL														
NOV18														
22100	----	----	----	----	----	----	----	0.1855 - 0.0117	.6448	----	----	----	----	1 UNCH
TOTAL														1
DEC18														
21000	----	----	----	----	----	----	----	0.1271 - 0.0099	.4815	----	----	----	----	2 UNCH
21200	----	----	----	----	----	----	----	0.1382 - 0.0098	.5072	----	----	----	----	2 UNCH
22100	----	----	----	----	----	----	----	0.1945 - 0.0093	.6179	----	----	----	----	2 UNCH
TOTAL														6
JAN19														
21000	----	----	----	----	----	----	----	0.1408 - 0.0064	.4698	----	----	----	----	2 UNCH
21200	----	----	----	----	----	----	----	0.1528 - 0.0057	.4921	----	----	----	----	2 UNCH
22100	----	----	----	----	----	----	----	0.2100 - 0.0043	.5874	----	----	----	----	2 UNCH
TOTAL														6
FEB19														
21000	----	----	----	----	----	----	----	0.1530 - 0.0067	.4682	----	----	----	----	2 UNCH
21200	----	----	----	----	----	----	----	0.1636 - 0.0073	.4893	----	----	----	----	2 UNCH
22100	----	----	----	----	----	----	----	0.2164 - 0.0099	.5827	----	----	----	----	2 UNCH
TOTAL														6
MAR19														
21000	----	----	----	----	----	----	----	0.1660 - 0.0081	.4736	----	----	----	----	2 UNCH
21200	----	----	----	----	----	----	----	0.1774 - 0.0080	.4933	----	----	----	----	2 UNCH
22100	----	----	----	----	----	----	----	0.2328 - 0.0081	.5790	----	----	----	----	2 UNCH
TOTAL														6
APR19														
21000	----	----	----	----	----	----	----	0.1798 - 0.0089	.4839	----	----	----	----	2 UNCH
21200	----	----	----	----	----	----	----	0.1904 - 0.0091	.5032	----	----	----	----	2 UNCH
22100	----	----	----	----	----	----	----	0.2432 - 0.0102	.5890	----	----	----	----	1 UNCH
TOTAL														5
GVR CALL GULF COAST JET FUEL(PLATTS)APO														
JUL18														
15000	----	----	----	----	----	----	----	0.5628 + 0.0098	1.0000	----	----	----	----	15 UNCH
17800	----	----	----	----	----	----	----	0.2830 + 0.0098	.9999	----	----	----	----	26 UNCH
18200	----	----	----	----	----	----	----	0.2430 + 0.0098	.9992	----	----	----	----	10 UNCH
19900	----	----	----	----	----	----	----	0.0737 + 0.0087	.9722	----	----	----	----	50 UNCH
20500	----	----	----	----	----	----	----	0.0229 + 0.0037	.6410	----	----	----	----	30 UNCH
21000	----	----	----	----	----	----	----	0.0033 + 0.0004	.1596	----	----	----	----	25 UNCH
TOTAL														156
AUG18														
15000	----	----	----	----	----	----	----	0.5193 + 0.0147	.9995	----	----	----	----	15 UNCH
17800	----	----	----	----	----	----	----	0.2457 + 0.0131	.9344	----	----	----	----	26 UNCH
18200	----	----	----	----	----	----	----	0.2089 + 0.0124	.9003	----	----	----	----	10 UNCH
19900	----	----	----	----	----	----	----	0.0743 + 0.0074	.5974	----	----	----	----	50 UNCH
20500	----	----	----	----	----	----	----	0.0446 + 0.0051	.4325	----	----	----	----	30 UNCH
21000	----	----	----	----	----	----	----	0.0275 + 0.0034	.3054	----	----	----	----	25 UNCH
TOTAL														156
SEP18														
15000	----	----	----	----	----	----	----	0.5276 + 0.0141	.9829	----	----	----	----	15 UNCH
17800	----	----	----	----	----	----	----	0.2667 + 0.0119	.8554	----	----	----	----	26 UNCH
18200	----	----	----	----	----	----	----	0.2324 + 0.0113	.8199	----	----	----	----	10 UNCH
19900	----	----	----	----	----	----	----	0.1047 + 0.0077	.5870	----	----	----	----	50 UNCH
20500	----	----	----	----	----	----	----	0.0746 + 0.0061	.4757	----	----	----	----	30 UNCH
21000	----	----	----	----	----	----	----	0.0551 + 0.0048	.3861	----	----	----	----	25 UNCH
TOTAL														156
OCT18														
15000	----	----	----	----	----	----	----	0.5144 + 0.0149	.9907	----	----	----	----	15 UNCH
17500	----	----	----	----	----	----	----	0.2819 + 0.0128	.8772	----	----	----	----	26 UNCH
18200	----	----	----	----	----	----	----	0.2257 + 0.0115	.8079	----	----	----	----	10 UNCH
20000	----	----	----	----	----	----	----	0.1119 + 0.0075	.5510	----	----	----	----	150 UNCH
21000	----	----	----	----	----	----	----	0.0697 + 0.0054	.4012	----	----	----	----	55 UNCH
TOTAL														256
NOV18														
15000	----	----	----	----	----	----	----	0.5055 + 0.0147	.9783	----	----	----	----	15 UNCH
17500	----	----	----	----	----	----	----	0.2824 + 0.0123	.8388	----	----	----	----	26 UNCH
18200	----	----	----	----	----	----	----	0.2297 + 0.0110	.7694	----	----	----	----	10 UNCH
20000	----	----	----	----	----	----	----	0.1227 + 0.0075	.5386	----	----	----	----	150 UNCH
21000	----	----	----	----	----	----	----	0.0815 + 0.0055	.4090	----	----	----	----	55 UNCH
TOTAL														256
DEC18														
15000	----	----	----	----	----	----	----	0.4981 + 0.0142	.9918	----	----	----	----	15 UNCH
17500	----	----	----	----	----	----	----	0.2840 + 0.0115	.8077	----	----	----	----	26 UNCH
18200	----	----	----	----	----	----	----	0.2343 + 0.0105	.7403	----	----	----	----	10 UNCH
20000	----	----	----	----	----	----	----	0.1325 + 0.0074	.5302	----	----	----	----	150 UNCH
21000	----	----	----	----	----	----	----	0.0922 + 0.0056	.4151	----	----	----	----	55 UNCH
TOTAL														256
JAN19														
20500	----	----	----	----	----	----	----	0.1337 + 0.0081	.5072	----	----	----	----	10 UNCH
20800	----	----	----	----	----	----	----	0.1213 + 0.0076	.4751	----	----	----	----	10 UNCH
21200	----	----	----	----	----	----	----	0.1061 + 0.0069	.4335	----	----	----	----	50 UNCH
TOTAL														70
FEB19														
20500	----	----	----	----	----	----	----	0.1445 + 0.0066	.5114	----	----	----	----	10 UNCH
20800	----	----	----	----	----	----	----	0.1321 + 0.0062	.4817	----	----	----	----	10 UNCH
21200	----	----	----	----	----	----	----	0.1168 + 0.0056	.4428	----	----	----	----	50 UNCH
TOTAL														70
MAR19														
20500	----	----	----	----	----	----	----	0.1506 + 0.0062	.5078	----	----	----	----	10 UNCH
20800	----	----	----	----	----	----	----	0.1384 + 0.0058	.4799	----	----	----	----	10 UNCH
21200	----	----	----	----	----	----	----	0.1234 + 0.0054	.4435	----	----	----	----	50 UNCH
TOTAL														70
APR19														
20500	----	----	----	----	----	----	----	0.1547 + 0.0059	.5060	----	----	----	----	10 UNCH
20800	----	----	----	----	----	----	----	0.1427 + 0.0055	.4792	----	----	----	----	10 UNCH
21200	----	----	----	----	----	----	----	0.1278 + 0.0051	.4442	----	----	----	----	50 UNCH
TOTAL														70
MAY19														



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 GVR CALL MAY19, JUN19, GVR PUT JUL18, AUG18, SEP18, OCT18, NOV18, DEC18.

Table with columns: AT CALL, HEATING OIL APO (AVG PRICE) OPTIONS. Rows include JUL18 (14100-24500), AUG18 (14100-26000).



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 DEC18, JAN19, FEB19, MAR19 and various contract specifications.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 MAR20 to 20500 and PUT options from JUL18 to 20500.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 DEC18 to DEC20 and a final row for E7 CALL AUG18 290.

E7 CALL HENRY HUB FINANCIAL LAST DAY 0 AUG18 290 0.0032 - 0.0027 .0609 100 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. © Copyright CME Group Inc. All rights reserved.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 OCT19 and contract types like E7 CALL, HENRY HUB, FINANCIAL, LAST DAY 0.

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



FINAL

PG63 BULLETIN #136@ ENERGY OPTIONS Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

OPEN	OUTCRY	HIGH/LOW	OUTCRY	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
E7 CALL HENRY HUB FINANCIAL LAST DAY 0										
OCT19										
300	----	----	----	0.0861 - 0.0008	.2886	----	----	----	2	36 UNCH 87 + 2
TOTAL										
NOV19										
295	----	----	----	0.1201 - 0.0034	.3589	----	----	----		30 UNCH
300	----	----	----	0.1064 - 0.0030	.3285	----	----	----	4	41 UNCH
325	----	----	----	0.0566 - 0.0018	.2019	----	----	----		34 UNCH
TOTAL									4	105
DEC19										
295	----	----	----	0.1899 - 0.0021	.4584	----	----	----		31 UNCH
300	----	----	----	0.1725 - 0.0018	.4285	----	----	----	3	46 UNCH
325	----	----	----	0.1041 - 0.0009	.2952	----	----	----		23 UNCH
TOTAL									3	100
JAN20										
300	----	----	----	0.2506 - 0.0008	.5025	----	----	----	4	47 UNCH
325	----	----	----	0.1770 + 0.0004	.3848	----	----	----		65 UNCH
350	----	----	----	0.1307 + 0.0010	.2967	----	----	----		31 UNCH
TOTAL									4	143
FEB20										
300	----	----	----	0.2778 - 0.0032	.5000	----	----	----	4	44 UNCH
325	----	----	----	0.2056 - 0.0022	.3975	----	----	----		58 UNCH
350	----	----	----	0.1571 - 0.0014	.3173	----	----	----		29 UNCH
TOTAL									4	131
MAR20										
300	----	----	----	0.2612 - 0.0035	.4678	----	----	----	4	41 UNCH
325	----	----	----	0.1980 - 0.0026	.3763	----	----	----		62 UNCH
350	----	----	----	0.1550 - 0.0019	.3054	----	----	----		31 UNCH
TOTAL									4	134
APR20										
275	----	----	----	0.1286 NEW	----	----	----	----	3	3 + 3
300	----	----	----	0.0684 - 0.0014	.2381	----	----	----		9 UNCH
325	----	----	----	0.0347 - 0.0006	.1383	----	----	----		60 UNCH
350	----	----	----	0.0173 - 0.0003	.0768	----	----	----		30 UNCH
TOTAL									3	102 + 3
MAY20										
275	----	----	----	0.1107 NEW	----	----	----	----	4	4 + 4
300	----	----	----	0.0564 - 0.0006	.2115	----	----	----		8 UNCH
325	----	----	----	0.0273 - 0.0002	.1174	----	----	----		62 UNCH
350	----	----	----	0.0132 - 0.0001	.0629	----	----	----		31 UNCH
TOTAL									4	105 + 4
JUN20										
275	----	----	----	0.1203 NEW	----	----	----	----	4	4 + 4
300	----	----	----	0.0619 - 0.0010	.2266	----	----	----		4 UNCH
325	----	----	----	0.0302 - 0.0005	.1271	----	----	----		60 UNCH
350	----	----	----	0.0146 - 0.0002	.0684	----	----	----		30 UNCH
TOTAL									4	98 + 4
JUL20										
275	----	----	----	0.1326 NEW	----	----	----	----	4	4 + 4
325	----	----	----	0.0342 - 0.0008	.1396	----	----	----		62 UNCH
350	----	----	----	0.0167 - 0.0003	.0761	----	----	----		31 UNCH
TOTAL									4	97 + 4
AUG20										
325	----	----	----	0.0360 - 0.0013	.1446	----	----	----		62 UNCH
350	----	----	----	0.0177 - 0.0006	.0794	----	----	----		31 UNCH
TOTAL										93
SEP20										
325	----	----	----	0.0346 - 0.0011	.1399	----	----	----		60 UNCH
350	----	----	----	0.0171 - 0.0005	.0770	----	----	----		30 UNCH
TOTAL										90
OCT20										
325	----	----	----	0.0382 - 0.0012	.1498	----	----	----		62 UNCH
350	----	----	----	0.0191 - 0.0006	.0836	----	----	----		31 UNCH
TOTAL										93
NOV20										
325	----	----	----	0.0620 - 0.0011	.2031	----	----	----		60 UNCH
350	----	----	----	0.0359 - 0.0007	.1289	----	----	----		30 UNCH
TOTAL										90
DEC20										
325	----	----	----	0.0940 - 0.0022	.2684	----	----	----		62 UNCH
350	----	----	----	0.0574 - 0.0014	.1800	----	----	----		31 UNCH
TOTAL										93
JAN21										
350	----	----	----	0.1168 - 0.0020	.2725	----	----	----		31 UNCH
TOTAL										31
FEB21										
350	----	----	----	0.1303 - 0.0022	.2833	----	----	----		28 UNCH
TOTAL										28
MAR21										
350	----	----	----	0.1212 - 0.0021	.2651	----	----	----		31 UNCH
TOTAL										31
APR21										
350	----	----	----	0.0207 - 0.0003	.0846	----	----	----		30 UNCH
TOTAL										30
MAY21										
350	----	----	----	0.0166 - 0.0002	.0720	----	----	----		31 UNCH
TOTAL										31
JUN21										
350	----	----	----	0.0174 - 0.0001	.0751	----	----	----		30 UNCH
TOTAL										30
JUL21										
350	----	----	----	0.0194 - 0.0002	.0819	----	----	----		31 UNCH
TOTAL										31
AUG21										
350	----	----	----	0.0208 - 0.0002	.0862	----	----	----		31 UNCH
TOTAL										31
SEP21										
350	----	----	----	0.0213 - 0.0002	.0876	----	----	----		30 UNCH
TOTAL										30
OCT21										
350	----	----	----	0.0247 - 0.0003	.0976	----	----	----		31 UNCH
TOTAL										31
NOV21										
350	----	----	----	0.0441 + 0.0003	.1441	----	----	----		30 UNCH
TOTAL										30
DEC21										
350	----	----	----	0.0634 - 0.0001	.1885	----	----	----		31 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.

© Copyright CME Group Inc. All rights reserved.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 AUG19.

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



FINAL

PG63 BULLETIN #136@ ENERGY OPTIONS Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
HENRY HUB FINANCIAL LAST DAY 0														
E7 PUT														
SEP19														
200	----	----	----	----	----	----	----	0.0343 + 0.0014	.1047	----	----	----	----	16 UNCH
230	----	----	----	----	----	----	----	0.0902 + 0.0028	.2416	----	----	----	----	3 UNCH
250	----	----	----	----	----	----	----	0.1548 + 0.0045	.3740	----	----	----	----	35 UNCH
260	----	----	----	----	----	----	----	0.1990 + 0.0053	.4498	----	----	----	----	30 UNCH
TOTAL														84
OCT19														
200	----	----	----	----	----	----	----	0.0357 + 0.0020	.1050	----	----	----	----	9 UNCH
230	----	----	----	----	----	----	----	0.0916 + 0.0040	.2371	----	----	----	----	3 UNCH
250	----	----	----	----	----	----	----	0.1548 + 0.0059	.3636	----	----	----	----	5 UNCH
260	----	----	----	----	----	----	----	0.1979 + 0.0069	.4363	----	----	----	----	31 UNCH
TOTAL														48
NOV19														
200	----	----	----	----	----	----	----	0.0253 + 0.0008	.0815	----	----	----	----	15 UNCH
230	----	----	----	----	----	----	----	0.0766 + 0.0020	.2072	----	----	----	----	3 UNCH
250	----	----	----	----	----	----	----	0.1390 + 0.0032	.3295	----	----	----	----	5 UNCH
260	----	----	----	----	----	----	----	0.1803 + 0.0039	.3987	----	----	----	----	30 UNCH
TOTAL														53
DEC19														
200	----	----	----	----	----	----	----	0.0204 + 0.0011	.0624	----	----	----	----	5 UNCH
230	----	----	----	----	----	----	----	0.0610 + 0.0025	.1601	----	----	----	----	3 UNCH
250	----	----	----	----	----	----	----	0.1113 + 0.0037	.2600	----	----	----	----	5 UNCH
260	----	----	----	----	----	----	----	0.1462 + 0.0044	.3192	----	----	----	----	31 UNCH
TOTAL														44
JAN20														
200	----	----	----	----	----	----	----	0.0162 + 0.0013	.0491	----	----	----	----	5 UNCH
230	----	----	----	----	----	----	----	0.0562 + 0.0031	.1381	----	----	----	----	3 UNCH
TOTAL														8
FEB20														
200	----	----	----	----	----	----	----	0.0319 + 0.0011	.0768	----	----	----	----	8 UNCH
230	----	----	----	----	----	----	----	0.0879 + 0.0022	.1744	----	----	----	----	3 UNCH
TOTAL														11
MAR20														
200	----	----	----	----	----	----	----	0.0504 + 0.0014	.1073	----	----	----	----	6 UNCH
230	----	----	----	----	----	----	----	0.1228 + 0.0028	.2164	----	----	----	----	3 UNCH
TOTAL														9
APR20														
230	----	----	----	----	----	----	----	0.1262 + 0.0027	.3052	----	----	----	----	3 UNCH
TOTAL														3
MAY20														
230	----	----	----	----	----	----	----	0.1290 + 0.0019	.3212	----	----	----	----	3 UNCH
TOTAL														3
JUN20														
230	----	----	----	----	----	----	----	0.1194 + 0.0023	.3017	----	----	----	----	3 UNCH
TOTAL														3
JUL20														
230	----	----	----	----	----	----	----	0.1112 + 0.0024	.2826	----	----	----	----	3 UNCH
TOTAL														3
AUG20														
230	----	----	----	----	----	----	----	0.1107 + 0.0031	.2794	----	----	----	----	3 UNCH
TOTAL														3
SEP20														
230	----	----	----	----	----	----	----	0.1159 + 0.0029	.2894	----	----	----	----	2 UNCH
TOTAL														2
OCT20														
230	----	----	----	----	----	----	----	0.1141 + 0.0027	.2815	----	----	----	----	2 UNCH
TOTAL														2
NOV20														
230	----	----	----	----	----	----	----	0.0948 + 0.0023	.2466	----	----	----	----	2 UNCH
TOTAL														2
DEC20														
230	----	----	----	----	----	----	----	0.0732 + 0.0021	.1907	----	----	----	----	2 UNCH
TOTAL														2
JAN21														
230	----	----	----	----	----	----	----	0.0681 + 0.0018	.1642	----	----	----	----	2 UNCH
TOTAL														2
FEB21														
230	----	----	----	----	----	----	----	0.0916 + 0.0021	.1922	----	----	----	----	2 UNCH
TOTAL														2
MAR21														
230	----	----	----	----	----	----	----	0.1232 + 0.0027	.2352	----	----	----	----	2 UNCH
TOTAL														2
APR21														
230	----	----	----	----	----	----	----	0.1573 + 0.0022	.3501	----	----	----	----	2 UNCH
TOTAL														2
MAY21														
230	----	----	----	----	----	----	----	0.1596 + 0.0014	.3662	----	----	----	----	2 UNCH
TOTAL														2
JUN21														
230	----	----	----	----	----	----	----	0.1483 + 0.0013	.3477	----	----	----	----	2 UNCH
TOTAL														2
JUL21														
230	----	----	----	----	----	----	----	0.1394 + 0.0013	.3286	----	----	----	----	2 UNCH
TOTAL														2
AUG21														
230	----	----	----	----	----	----	----	0.1375 + 0.0012	.3223	----	----	----	----	2 UNCH
TOTAL														2
SEP21														
230	----	----	----	----	----	----	----	0.1391 + 0.0011	.3234	----	----	----	----	1 UNCH
TOTAL														1
OCT21														
230	----	----	----	----	----	----	----	0.1344 + 0.0011	.3086	----	----	----	----	1 UNCH
TOTAL														1
NOV21														
230	----	----	----	----	----	----	----	0.1193 + 0.0011	.2770	----	----	----	----	1 UNCH
TOTAL														1
DEC21														
230	----	----	----	----	----	----	----	0.0943 + 0.0008	.2155	----	----	----	----	1 UNCH
TOTAL														1
JAN22														
230	----	----	----	----	----	----	----	0.0932 + 0.0010	.1898	----	----	----	----	1 UNCH
TOTAL														1
FEB22														

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include E7 PUT FEB22, MAR22, APR22, MAY22, WJO OPT JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, 4J CALL JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, JAN19, FEB19, MAR19, APR19, MAY19, JUN19, JUL19, AUG19, SEP19, OCT19, NOV19, DEC19.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

	GLOBEX OPEN	OPEN OPEN	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
4K CALL MT BELVIEU NRM BUTANE 5-DCML (OPIS)														
NOV18														
12500	----			----	----	----		0.02563 -0.00178	.2188	----	----	----	----	75 UNCH
TOTAL														75
DEC18														
12000	----			----	----	----		0.04105 -0.00242	.2971	----	----	----	----	50 UNCH
12500	----			----	----	----		0.03128 -0.00200	.2408	----	----	----	----	25 UNCH
TOTAL														75
JAN19														
12500	----			----	----	----		0.03562 -0.00194	.2526	----	----	----	----	25 UNCH
TOTAL														25
4K PUT MT BELVIEU NRM BUTANE 5-DCML (OPIS)														
NOV18														
9500	----			----	----	----		0.05145 +0.00171	.3134	----	----	----	----	75 UNCH
TOTAL														75
DEC18														
9000	----			----	----	----		0.04663 +0.00151	.2581	----	----	----	----	50 UNCH
9500	----			----	----	----		0.06363 +0.00197	.3296	----	----	----	----	25 UNCH
TOTAL														75
JAN19														
9500	----			----	----	----		0.07276 +0.00201	.3503	----	----	----	----	25 UNCH
TOTAL														25
4H CALL MT BELVIEU PROPANE 5-DCML (OPIS)														
AUG18														
8800	----			----	----	----		0.02734 NEW	----	----	----	----	2	2 + 2
TOTAL														2
SEP18														
8800	----			----	----	----		0.04185 NEW	----	----	----	----	3	3 + 3
9000	----			----	----	----		0.03327 -0.00981	.4297	----	----	----	2	2 UNCH
TOTAL														5 + 3
OCT18														
8700	----			----	----	----		0.06390 -0.00581	.5421	----	----	----	----	1 UNCH
8800	----			----	----	----		0.05908 NEW	----	----	----	----	2	2 + 2
8900	----			----	----	----		0.05457 -0.00624	.4911	----	----	----	----	100 UNCH
9000	----			----	----	----		0.05035 -0.00668	.4660	----	----	----	----	53 UNCH
9100	----			----	----	----		0.04642 -0.00713	.4412	----	----	----	----	25 UNCH
9200	----			----	----	----		0.04278 -0.00745	.4170	----	----	----	----	25 UNCH
9500	----			----	----	----		0.03336 -0.00750	.3486	----	----	----	----	27 UNCH
12000	----			----	----	----		0.00466 -0.00072	.0651	----	----	----	----	50 UNCH
TOTAL														283 + 2
NOV18														
7600	----			----	----	----		0.14264 -0.00143	.7666	----	----	----	----	1 UNCH
8700	----			----	----	----		0.07376 -0.00559	.5469	----	----	----	----	1 UNCH
8800	----			----	----	----		0.06923 NEW	----	----	----	----	2	2 + 2
9000	----			----	----	----		0.06095 -0.00549	.4822	----	----	----	----	54 UNCH
9500	----			----	----	----		0.04415 -0.00518	.3828	----	----	----	----	29 UNCH
12000	----			----	----	----		0.00898 +0.00002	.1018	----	----	----	----	50 UNCH
TOTAL														137 + 2
DEC18														
7600	----			----	----	----		0.15107 -0.00115	.7481	----	----	----	----	1 UNCH
8600	----			----	----	----		0.09117 -0.01972	.5719	----	----	----	----	1 UNCH
8700	----			----	----	----		0.08557 -0.02320	.5529	----	----	----	----	1 UNCH
8800	----			----	----	----		0.08053 NEW	----	----	----	----	1	1 + 1
8900	----			----	----	----		0.07577 -0.02633	.5146	----	----	----	----	10 UNCH
9000	----			----	----	----		0.07148 -0.02712	.4958	----	----	----	----	58 UNCH
9500	----			----	----	----		0.05453 -0.02742	.4086	----	----	----	----	30 UNCH
12000	----			----	----	----		0.01166 -0.01742	.1206	----	----	----	----	50 UNCH
TOTAL														152 + 1
JAN19														
7600	----			----	----	----		0.15526 +0.00244	.7243	----	----	----	----	1 UNCH
8600	----			----	----	----		0.10096 -0.01209	.5665	----	----	----	----	1 UNCH
8700	----			----	----	----		0.09628 -0.01384	.5503	----	----	----	----	1 UNCH
8900	----			----	----	----		0.08713 -0.01601	.5178	----	----	----	----	17 UNCH
9000	----			----	----	----		0.08324 -0.01648	.5021	----	----	----	----	10 UNCH
9500	----			----	----	----		0.06600 -0.01751	.4269	----	----	----	----	6 UNCH
TOTAL														36
FEB19														
7600	----			----	----	----		0.15164 -0.00033	.7018	----	----	----	----	1 UNCH
8600	----			----	----	----		0.09960 -0.01204	.5492	----	----	----	----	1 UNCH
8700	----			----	----	----		0.09507 -0.01302	.5338	----	----	----	----	1 UNCH
8900	----			----	----	----		0.08662 -0.01465	.5032	----	----	----	----	9 UNCH
9000	----			----	----	----		0.08262 -0.01536	.4881	----	----	----	----	9 UNCH
9500	----			----	----	----		0.06548 -0.01698	.4161	----	----	----	----	6 UNCH
TOTAL														27
MAR19														
7600	----			----	----	----		0.11602 +0.00123	.6144	----	----	----	----	1 UNCH
8600	----			----	----	----		0.07212 -0.00464	.4574	----	----	----	----	1 UNCH
8700	----			----	----	----		0.06869 -0.00499	.4425	----	----	----	----	1 UNCH
8800	----			----	----	----		0.06547 NEW	----	----	----	----	1	1 + 1
9000	----			----	----	----		0.05943 -0.00576	.3996	----	----	----	----	8 UNCH
9500	----			----	----	----		0.04657 -0.00629	.3342	----	----	----	----	5 UNCH
TOTAL														17 + 1
APR19														
8600	----			----	----	----		0.02981 -0.00273	.3027	----	----	----	----	1 UNCH
8800	----			----	----	----		0.02341 NEW	----	----	----	----	2	2 + 2
9000	----			----	----	----		0.01995 -0.00477	.2278	----	----	----	----	4 UNCH
9500	----			----	----	----		0.01335 -0.00399	.1643	----	----	----	----	1 UNCH
TOTAL														8 + 2
MAY19														
8800	----			----	----	----		0.02466 NEW	----	----	----	----	2	2 + 2
9000	----			----	----	----		0.02072 -0.00291	.2242	----	----	----	----	3 UNCH
9500	----			----	----	----		0.01329 -0.00351	.1590	----	----	----	----	1 UNCH
TOTAL														6 + 2
JUN19														
8800	----			----	----	----		0.02965 NEW	----	----	----	----	2	2 + 2
TOTAL														2 + 2
OCT19														
7450	----			----	----	----		0.09719 +0.00324	.5453	----	----	----	----	1 UNCH
TOTAL														1
NOV19														
7450	----			----	----	----		0.10223 +0.00370	.5528	----	----	----	----	1 UNCH
TOTAL														1
DEC19														
7450	----			----	----	----		0.11305 +0.00174	.5650	----	----	----	----	1 UNCH
TOTAL														1
JAN20														



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 JAN20 to DEC20 for MT BELVIEU PROPANE 5-DCML (OPIS).

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.



FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contracts like 4H PUT, G4 CALL, G4 PUT, G2 CALL, G3 CALL, G3 PUT, G6 CALL, G6 PUT, 6J CALL, 6J PUT, ZR CALL.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 sections for ZR CALL (NORTHERN ROCKIES PIPE OPTION) and LC CALL (NYMEX CRUDE OIL (EURO) OPTS (PHY)) with various contract months and prices.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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	
NYMEX CRUDE OIL (EURO) OPTS (PHY)													
JAN19													
7200	----	----	----	----	----	1.64 - 0.08	.2751	----	----	----	----	1	UNCH
7400	----	----	----	----	----	1.23 - 0.09	.2207	----	----	----	----	15	UNCH
7500	----	----	----	----	----	1.07 - 0.08	.1973	----	----	----	----	20	UNCH
7700	----	----	----	----	----	0.80 - 0.07	.1558	----	----	----	----	40	UNCH
8000	----	----	----	----	----	0.53 - 0.06	.1096	----	----	----	----	10	UNCH
8300	----	----	----	----	----	0.36 - 0.05	.0777	----	----	----	----	40	UNCH
8800	----	----	----	----	----	0.20 - 0.03	.0452	----	----	----	----	20	UNCH
10000	----	----	----	----	----	0.07 - 0.01	.0161	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.03 - 0.01	.0070	----	----	----	----	100	UNCH
TOTAL												341	
FEB19													
6700	----	----	----	----	----	3.38 - 0.09	.4378	----	----	----	----	20	UNCH
6800	----	----	----	----	----	3.00 - 0.08	.4044	----	----	----	----	10	UNCH
7000	----	----	----	----	----	2.34 - 0.08	.3404	----	----	----	----	15	UNCH
7200	----	----	----	----	----	1.81 - 0.09	.2822	----	----	----	----	1	UNCH
7400	----	----	----	----	----	1.39 - 0.08	.2308	----	----	----	----	15	UNCH
7500	----	----	----	----	----	1.22 - 0.08	.2082	----	----	----	----	20	UNCH
7700	----	----	----	----	----	0.94 - 0.08	.1685	----	----	----	----	40	UNCH
8000	----	----	----	----	----	0.65 - 0.07	.1232	----	----	----	----	10	UNCH
8300	----	----	----	----	----	0.45 - 0.06	.0894	----	----	----	----	40	UNCH
8800	----	----	----	----	----	0.26 - 0.05	.0542	----	----	----	----	20	UNCH
10000	----	----	----	----	----	0.09 - 0.02	.0195	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.03 - 0.01	.0070	----	----	----	----	100	UNCH
TOTAL												341	
MAR19													
6700	----	----	----	----	----	3.53 - 0.07	.4342	----	----	----	----	20	UNCH
6800	----	----	----	----	----	3.14 - 0.08	.4024	----	----	----	----	10	UNCH
7000	----	----	----	----	----	2.48 - 0.08	.3421	----	----	----	----	15	UNCH
7200	----	----	----	----	----	1.95 - 0.07	.2871	----	----	----	----	1	UNCH
7400	----	----	----	----	----	1.53 - 0.06	.2386	----	----	----	----	15	UNCH
7500	----	----	----	----	----	1.36 - 0.06	.2173	----	----	----	----	20	UNCH
7700	----	----	----	----	----	1.07 - 0.05	.1791	----	----	----	----	40	UNCH
8000	----	----	----	----	----	0.75 - 0.06	.1331	----	----	----	----	10	UNCH
8300	----	----	----	----	----	0.53 - 0.06	.0987	----	----	----	----	40	UNCH
8800	----	----	----	----	----	0.32 - 0.04	.0624	----	----	----	----	20	UNCH
10000	----	----	----	----	----	0.13 - 0.01	.0259	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.07 - 0.01	.0140	----	----	----	----	100	UNCH
TOTAL												341	
APR19													
7200	----	----	----	----	----	2.07 - 0.08	.2911	----	----	----	----	1	UNCH
7500	----	----	----	----	----	1.46 - 0.07	.2230	----	----	----	----	20	UNCH
8000	----	----	----	----	----	0.83 - 0.06	.1404	----	----	----	----	10	UNCH
8300	----	----	----	----	----	0.60 - 0.05	.1062	----	----	----	----	40	UNCH
8800	----	----	----	----	----	0.36 - 0.05	.0674	----	----	----	----	20	UNCH
9000	----	----	----	----	----	0.30 - 0.04	.0569	----	----	----	----	10	UNCH
9600	----	----	----	----	----	0.19 - 0.02	.0367	----	----	----	----	10	UNCH
10000	----	----	----	----	----	0.14 - 0.02	.0273	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.08 - 0.01	.0155	----	----	----	----	100	UNCH
TOTAL												261	
MAY19													
7200	----	----	----	----	----	2.18 - 0.09	.2946	----	----	----	----	1	UNCH
7500	----	----	----	----	----	1.56 - 0.08	.2285	----	----	----	----	20	UNCH
8000	----	----	----	----	----	0.91 - 0.07	.1472	----	----	----	----	10	UNCH
8300	----	----	----	----	----	0.67 - 0.05	.1132	----	----	----	----	40	UNCH
8800	----	----	----	----	----	0.41 - 0.04	.0733	----	----	----	----	20	UNCH
9000	----	----	----	----	----	0.34 - 0.04	.0619	----	----	----	----	10	UNCH
9600	----	----	----	----	----	0.21 - 0.03	.0394	----	----	----	----	10	UNCH
10000	----	----	----	----	----	0.16 - 0.02	.0302	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.08 - 0.02	.0155	----	----	----	----	100	UNCH
TOTAL												261	
JUN19													
7200	----	----	----	----	----	2.27 - 0.10	.2969	----	----	----	----	1	UNCH
7500	----	----	----	----	----	1.64 - 0.09	.2324	----	----	----	----	20	UNCH
8000	----	----	----	----	----	0.98 - 0.06	.1528	----	----	----	----	10	UNCH
8300	----	----	----	----	----	0.72 - 0.06	.1178	----	----	----	----	40	UNCH
8800	----	----	----	----	----	0.45 - 0.05	.0778	----	----	----	----	20	UNCH
9000	----	----	----	----	----	0.38 - 0.04	.0667	----	----	----	----	10	UNCH
9600	----	----	----	----	----	0.23 - 0.03	.0420	----	----	----	----	10	UNCH
10000	----	----	----	----	----	0.18 - 0.01	.0330	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.09 - 0.01	.0170	----	----	----	----	100	UNCH
TOTAL												261	
JUL19													
7200	----	----	----	----	----	2.34 - 0.10	.2978	----	----	----	----	1	UNCH
9000	----	----	----	----	----	0.42 - 0.03	.0711	----	----	----	----	10	UNCH
9600	----	----	----	----	----	0.26 - 0.02	.0458	----	----	----	----	10	UNCH
10000	----	----	----	----	----	0.19 - 0.02	.0342	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.10 - 0.01	.0184	----	----	----	----	100	UNCH
TOTAL												171	
AUG19													
7200	----	----	----	----	----	2.40 - 0.09	.2984	----	----	----	----	1	UNCH
9000	----	----	----	----	----	0.45 - 0.03	.0743	----	----	----	----	10	UNCH
9600	----	----	----	----	----	0.28 - 0.02	.0482	----	----	----	----	10	UNCH
10000	----	----	----	----	----	0.21 - 0.02	.0368	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.11 - 0.01	.0199	----	----	----	----	100	UNCH
TOTAL												171	
SEP19													
7200	----	----	----	----	----	2.45 - 0.09	.2985	----	----	----	----	1	UNCH
9000	----	----	----	----	----	0.48 - 0.02	.0774	----	----	----	----	10	UNCH
9600	----	----	----	----	----	0.30 - 0.02	.0505	----	----	----	----	10	UNCH
10000	----	----	----	----	----	0.23 - 0.01	.0393	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.12 - 0.01	.0212	----	----	----	----	100	UNCH
TOTAL												171	
OCT19													
7200	----	----	----	----	----	2.52 - 0.08	.2999	----	----	----	----	1	UNCH
10000	----	----	----	----	----	0.25 - 0.01	.0417	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.13 - 0.01	.0226	----	----	----	----	100	UNCH
TOTAL												151	
NOV19													
7200	----	----	----	----	----	2.57 - 0.08	.3004	----	----	----	----	1	UNCH
10000	----	----	----	----	----	0.27 - 0.01	.0441	----	----	----	----	50	UNCH
11000	----	----	----	----	----	0.14 - 0.01	.0239	----	----	----	----	100	UNCH
TOTAL												151	
DEC19													
6000	----	----	----	----	----	7.31 - 0.04	.5805	----	----	----	----	150	



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 DEC20, DEC21, DEC22, DEC23, AUG18, SEP18, OCT18, NOV18, DEC18, JAN19, FEB19, MAR19, APR19, MAY19, JUN19, JUL19, AUG19, SEP19, OCT19.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 LC PUT, NOV19, DEC19, and TOTAL.

Table with columns: LO CALL, NYMEX CRUDE OIL OPTIONS (PHY), and various price and volume data. Rows range from AUG18 to 10750.

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.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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, SEP18, and various contract months.

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.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 OCT18 and NOV18 contracts for NYMEX CRUDE OIL OPTIONS (PHY).

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 and DEC18 contracts for various oil options.

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



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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, and various energy options contracts.

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.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 NYMEX CRUDE OIL OPTIONS (PHY) for JAN19, FEB19, and MAR19.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LO CALL, OPEN, OUTCRY, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE, DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include MAR19, APR19, MAY19, JUN19 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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 NYMEX CRUDE OIL OPTIONS (PHY) for months JUN19, JUL19, AUG19, SEP19, OCT19, NOV19, DEC19.

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 DEC19, JAN20, JUN20, DEC20, DEC21 contracts.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 contracts like DEC21 13000, DEC22 6000, DEC23 10000, and AUG18 3000.

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.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LO PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include NYMEX CRUDE OIL OPTIONS (PHY) for AUG18, SEP18, and OCT18.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 contract months OCT18 and NOV18 with various price and volume data.

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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

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.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 various contract months like DEC18, JAN19, and FEB20.

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.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LO. PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include NYMEX CRUDE OIL OPTIONS (PHY) for JAN19, FEB19, and MAR19.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LO PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include MAR19, APR19, MAY19, JUN19 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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LO, PUT, OPEN, OUTCRY, GLOBEX, OPEN, OUTCRY, SETT.PRICE & PT.CHGE., DELTA, EXER, CISES, OPEN, GLOBEX, PNT, OPEN. Rows include months from JUN19 to DEC19 and various contract specifications.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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) and NYMEX HEATING OIL (PHY) OPTIONS for various months like DEC19, JAN20, JUN20, DEC20, DEC21, DEC22, DEC23, AUG18, and SEP18.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: OH CALL 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 HEATING OIL (PHY) OPTIONS for months SEP18, OCT18, NOV18, and DEC18.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 contracts for DEC18, JAN19, FEB19, and MAR19.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 MAR19, APR19, MAY19, JUN19, JUL19, DEC19, AUG18.

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: OH PUT AUG18, 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 DEC18 with various contract specifications and volume data.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 months like DEC18, JAN19, FEB19, MAR19, APR19, MAY19 and various contract specifications.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 MAY19 and JUN19 data.

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 SEP18 and NOV18 contracts for NYMEX NATURAL GAS (EURO) OPTS.

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.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN, CALL, 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 JAN19 contracts.

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

© Copyright CME Group Inc. All rights reserved.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN, CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, NYMEX NATURAL GAS (EURO) OPTS, 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 MAR19, APR19, MAY19, JUN19.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 data for JUN19, JUL19, AUG19, and SEP19.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 SEP19, OCT19, NOV19, and DEC19.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 JAN20, FEB20, MAR20, APR20 and various contract months.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

LN	CALL	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
		OPEN	RANGE	HIGH/LOW	OPEN	RANGE	& PT.CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
NYMEX NATURAL GAS (EURO) OPTS													
AUG20													
2750	----	----	----	----	----	----	0.1369 - 0.0041	.4023	----	----	----	----	80 UNCH
2760	----	----	----	----	----	----	0.1336 - 0.0040	.3955	----	----	----	----	10 UNCH
2790	----	----	----	----	----	----	0.1241 - 0.0038	.3755	----	----	----	----	11 UNCH
2800	----	----	----	----	----	----	0.1210 - 0.0038	.3688	----	----	----	----	12 UNCH
2810	----	----	----	----	----	----	0.1180 - 0.0037	.3623	----	----	----	----	11 UNCH
2850	----	----	----	----	----	----	0.1067 - 0.0034	.3369	----	----	----	----	111 UNCH
2880	----	----	----	----	----	----	0.0988 - 0.0032	.3185	----	----	----	----	1 UNCH
2900	----	----	----	----	----	----	0.0939 - 0.0030	.3067	----	----	----	----	26 UNCH
2910	----	----	----	----	----	----	0.0915 - 0.0029	.3008	----	----	----	----	11 UNCH
2930	----	----	----	----	----	----	0.0868 - 0.0028	.2892	----	----	----	----	11 UNCH
2940	----	----	----	----	----	----	0.0846 - 0.0027	.2837	----	----	----	----	12 UNCH
2950	----	----	----	----	----	----	0.0824 - 0.0026	.2781	----	----	----	----	23 UNCH
2960	----	----	----	----	----	----	0.0802 - 0.0026	.2725	----	----	----	----	11 UNCH
3000	----	----	----	----	----	----	0.0721 - 0.0024	.2512	----	----	----	----	796 UNCH
3150	----	----	----	----	----	----	0.0478 - 0.0017	.1819	----	----	----	----	36 UNCH
3250	----	----	----	----	----	----	0.0360 - 0.0012	.1446	----	----	----	----	675 UNCH
3500	----	----	----	----	----	----	0.0177 - 0.0006	.0794	----	----	----	----	790 UNCH
3700	----	----	----	----	----	----	0.0102 - 0.0003	.0489	----	----	----	----	10 UNCH
3750	----	----	----	----	----	----	0.0089 - 0.0003	.0433	----	----	----	----	880 UNCH
4000	----	----	----	----	----	----	0.0048 - 0.0002	.0246	----	----	----	----	785 UNCH
4250	----	----	----	----	----	----	0.0029 - 0.0001	.0152	----	----	----	----	90 UNCH
4450	----	----	----	----	----	----	0.0022 UNCH	.0115	----	----	----	----	50 UNCH
5000	----	----	----	----	----	----	0.0010 - 0.0001	.0052	----	----	----	----	125 UNCH
5150	----	----	----	----	----	----	0.0009 UNCH	.0046	----	----	----	----	25 UNCH
5200	----	----	----	----	----	----	0.0008 UNCH	.0041	----	----	----	----	75 UNCH
6000	----	----	----	----	----	----	0.0004 UNCH	.0020	----	----	----	----	26 UNCH
TOTAL													4859
SEP20													
2550	----	----	----	----	----	----	0.2088 - 0.0049	.5339	----	----	----	----	100 UNCH
2700	----	----	----	----	----	----	0.1485 - 0.0039	.4259	----	----	----	----	35 UNCH
2720	----	----	----	----	----	----	0.1416 - 0.0038	.4121	----	----	----	----	20 UNCH
2730	----	----	----	----	----	----	0.1382 - 0.0037	.4052	----	----	----	----	11 UNCH
2750	----	----	----	----	----	----	0.1317 - 0.0035	.3917	----	----	----	----	80 UNCH
2760	----	----	----	----	----	----	0.1285 - 0.0035	.3850	----	----	----	----	10 UNCH
2790	----	----	----	----	----	----	0.1193 - 0.0032	.3653	----	----	----	----	11 UNCH
2800	----	----	----	----	----	----	0.1163 - 0.0032	.3587	----	----	----	----	12 UNCH
2810	----	----	----	----	----	----	0.1134 - 0.0032	.3523	----	----	----	----	11 UNCH
2850	----	----	----	----	----	----	0.1025 - 0.0029	.3273	----	----	----	----	111 UNCH
2880	----	----	----	----	----	----	0.0949 - 0.0027	.3093	----	----	----	----	1 UNCH
2900	----	----	----	----	----	----	0.0901 - 0.0026	.2976	----	----	----	----	26 UNCH
2910	----	----	----	----	----	----	0.0878 - 0.0025	.2919	----	----	----	----	11 UNCH
2930	----	----	----	----	----	----	0.0833 - 0.0024	.2806	----	----	----	----	11 UNCH
2940	----	----	----	----	----	----	0.0811 - 0.0024	.2750	----	----	----	----	12 UNCH
2950	----	----	----	----	----	----	0.0790 - 0.0023	.2695	----	----	----	----	23 UNCH
2960	----	----	----	----	----	----	0.0769 - 0.0023	.2641	----	----	----	----	11 UNCH
3000	----	----	----	----	----	----	0.0691 - 0.0021	.2433	----	----	----	----	796 UNCH
3150	----	----	----	----	----	----	0.0458 - 0.0014	.1759	----	----	----	----	36 UNCH
3250	----	----	----	----	----	----	0.0345 - 0.0011	.1397	----	----	----	----	675 UNCH
3500	----	----	----	----	----	----	0.0170 - 0.0005	.0767	----	----	----	----	790 UNCH
3700	----	----	----	----	----	----	0.0098 - 0.0003	.0473	----	----	----	----	10 UNCH
3750	----	----	----	----	----	----	0.0086 - 0.0002	.0420	----	----	----	----	880 UNCH
4000	----	----	----	----	----	----	0.0047 - 0.0001	.0241	----	----	----	----	785 UNCH
4250	----	----	----	----	----	----	0.0029 UNCH	.0152	----	----	----	----	90 UNCH
4450	----	----	----	----	----	----	0.0021 - 0.0001	.0110	----	----	----	----	50 UNCH
5000	----	----	----	----	----	----	0.0011 UNCH	.0056	----	----	----	----	125 UNCH
5150	----	----	----	----	----	----	0.0009 UNCH	.0046	----	----	----	----	25 UNCH
5200	----	----	----	----	----	----	0.0008 UNCH	.0041	----	----	----	----	75 UNCH
6000	----	----	----	----	----	----	0.0004 UNCH	.0020	----	----	----	----	26 UNCH
TOTAL													4859
OCT20													
2550	----	----	----	----	----	----	0.2193 - 0.0052	.5461	----	----	----	----	100 UNCH
2700	----	----	----	----	----	----	0.1574 - 0.0041	.4390	----	----	----	----	35 UNCH
2720	----	----	----	----	----	----	0.1503 - 0.0040	.4252	----	----	----	----	20 UNCH
2730	----	----	----	----	----	----	0.1468 - 0.0039	.4184	----	----	----	----	11 UNCH
2750	----	----	----	----	----	----	0.1400 - 0.0038	.4049	----	----	----	----	80 UNCH
2760	----	----	----	----	----	----	0.1367 - 0.0037	.3982	----	----	----	----	10 UNCH
2790	----	----	----	----	----	----	0.1271 - 0.0036	.3784	----	----	----	----	11 UNCH
2800	----	----	----	----	----	----	0.1241 - 0.0034	.3720	----	----	----	----	12 UNCH
2810	----	----	----	----	----	----	0.1211 - 0.0034	.3655	----	----	----	----	11 UNCH
2850	----	----	----	----	----	----	0.1097 - 0.0031	.3404	----	----	----	----	111 UNCH
2880	----	----	----	----	----	----	0.1018 - 0.0029	.3223	----	----	----	----	1 UNCH
2900	----	----	----	----	----	----	0.0968 - 0.0028	.3105	----	----	----	----	26 UNCH
2910	----	----	----	----	----	----	0.0943 - 0.0028	.3046	----	----	----	----	11 UNCH
2930	----	----	----	----	----	----	0.0896 - 0.0027	.2932	----	----	----	----	11 UNCH
2940	----	----	----	----	----	----	0.0874 - 0.0025	.2877	----	----	----	----	12 UNCH
2950	----	----	----	----	----	----	0.0851 - 0.0026	.2821	----	----	----	----	23 UNCH
2960	----	----	----	----	----	----	0.0830 - 0.0024	.2767	----	----	----	----	11 UNCH
3000	----	----	----	----	----	----	0.0747 - 0.0023	.2555	----	----	----	----	796 UNCH
3150	----	----	----	----	----	----	0.0501 - 0.0015	.1867	----	----	----	----	36 UNCH
3250	----	----	----	----	----	----	0.0380 - 0.0012	.1493	----	----	----	----	675 UNCH
3500	----	----	----	----	----	----	0.0190 - 0.0006	.0833	----	----	----	----	790 UNCH
3700	----	----	----	----	----	----	0.0111 - 0.0003	.0520	----	----	----	----	10 UNCH
3750	----	----	----	----	----	----	0.0097 - 0.0003	.0461	----	----	----	----	880 UNCH
4000	----	----	----	----	----	----	0.0053 - 0.0001	.0266	----	----	----	----	785 UNCH
4250	----	----	----	----	----	----	0.0032 - 0.0001	.0164	----	----	----	----	28 UNCH
4450	----	----	----	----	----	----	0.0024 UNCH	.0123	----	----	----	----	50 UNCH
5000	----	----	----	----	----	----	0.0011 - 0.0001	.0056	----	----	----	----	125 UNCH
5150	----	----	----	----	----	----	0.0010 UNCH	.0050	----	----	----	----	25 UNCH
5200	----	----	----	----	----	----	0.0009 UNCH	.0046	----	----	----	----	75 UNCH
6000	----	----	----	----	----	----	0.0004 UNCH	.0020	----	----	----	----	26 UNCH
TOTAL													4796
NOV20													
2720	----	----	----	----	----	----	0.1834 - 0.0030	.4698	----	----	----	----	20 UNCH
2730	----	----	----	----	----	----	0.1799 - 0.0029	.4634	----	----	----	----	11 UNCH
2750	----	----	----	----	----	----	0.1731 - 0.0028	.4506	----	----	----	----	45 UNCH
2760	----	----	----	----	----	----	0.1697 - 0.0028	.4443	----	----	----	----	10 UNCH
2790	----	----	----	----	----	----	0.1601 - 0.0026	.4257	----	----	----	----	11 UNCH
2800	----	----	----	----	----	----	0.1570 - 0.0026	.4196	----	----	----	----	12 UNCH



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN CALL, 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 DEC20 to JUN21 with various contract specifications and volume data.

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



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 JUL21 to MAR22 with various contract specifications and volume data.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN CALL, 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 MAR22 to DEC22 with various contract specifications and prices.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from SEP23 to SEP24 with various contract specifications and volume data.

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN, CALL/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 call and put options for NYMEX NATURAL GAS (EURO) OPTS from SEP24 to 2980.

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.



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

FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN, PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, NYMEX NATURAL GAS (EURO) OPTS, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include AUG18, SEP18, and OCT18 contracts.

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

© Copyright CME Group Inc. All rights reserved.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 totals for JAN19, FEB19, MAR19, and APR19.

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

LN	PNT	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												552	3750	39613 +	3772
TOTAL															
MAY19															
1500	----	----	----	----	----	----	0.0012 + 0.0001	.0060	----	----	----	----	500 UNCH		
2000	----	----	----	----	----	----	0.0258 + 0.0016	.0952	----	----	----	----	700 UNCH		
2100	----	----	----	----	----	----	0.0388 + 0.0021	.1363	----	----	----	----	25 UNCH		
2200	----	----	----	----	----	----	0.0563 + 0.0027	.1879	----	----	----	----	75 UNCH		
2250	----	----	----	----	----	----	0.0670 + 0.0032	.2180	----	----	----	----	5590 UNCH		
2300	----	----	----	----	----	----	0.0791 + 0.0036	.2508	----	----	----	----	1055 UNCH		
2350	----	----	----	----	----	----	0.0932 + 0.0042	.2868	----	----	----	----	80 UNCH		
2400	----	----	----	----	----	----	0.1093 + 0.0048	.3256	----	----	----	----	207 UNCH		
2500	----	----	#0.1400B/----	----	#0.1400B/----	----	0.1480 + 0.0060	.4100	----	----	----	----	3375 UNCH		
2550	----	----	----	----	----	----	0.1709 + 0.0068	.4547	----	----	----	----	104 UNCH		
2600	----	----	----	----	----	----	0.1966 + 0.0075	.4997	----	----	----	----	1876 UNCH		
2650	----	----	----	----	----	----	0.2247 + 0.0082	.5440	----	----	----	----	130 UNCH		
2700	----	----	----	----	----	----	0.2551 + 0.0087	.5871	----	----	----	----	685 UNCH		
2750	----	----	----	----	----	----	0.2876 + 0.0092	.6284	----	----	----	----	411 UNCH		
2800	----	----	----	----	----	----	0.3221 + 0.0098	.6676	----	----	----	----	916 UNCH		
2810	----	----	----	----	----	----	0.3293 + 0.0100	.6812	----	----	----	----	22 UNCH		
2850	----	----	----	----	----	----	0.3585 + 0.0102	.7041	----	----	----	----	50 UNCH		
2870	----	----	----	----	----	----	0.3735 + 0.0104	.7273	----	----	----	----	20 UNCH		
2900	----	----	----	----	----	----	0.3965 + 0.0106	.7382	----	----	----	----	45 UNCH		
2950	----	----	----	----	----	----	0.4359 + 0.0108	.7695	----	----	----	----	125 UNCH		
3000	----	----	----	----	----	----	0.4768 + 0.0112	.7978	----	----	----	----	150 UNCH		
3500	----	----	----	----	----	----	0.9313 + 0.0125	.9496	----	----	----	----	50 UNCH		
3750	----	----	----	----	----	----	1.1726 + 0.0126	.9731	----	----	----	----	25 UNCH		
4000	----	----	----	----	----	----	1.4166 + 0.0127	.9833	----	----	----	----	230 UNCH		
4650	----	----	----	----	----	----	2.0541 + 0.0125	.9925	----	----	----	----	55 UNCH		
4750	----	----	----	----	----	----	2.1523 + 0.0126	.9931	----	----	----	----	125 UNCH		
5150	----	----	----	----	----	----	2.5451 + 0.0125	.9953	----	----	----	----	50 UNCH		
7000	----	----	----	----	----	----	4.3632 + 0.0124	.9990	----	----	----	----	10 UNCH		
TOTAL												16686			
JUN19															
1500	----	----	----	----	----	----	0.0012 UNCH	.0058	----	----	----	----	1000 UNCH		
2000	----	----	----	----	----	----	0.0258 + 0.0008	.0914	----	----	----	----	1325 UNCH		
2100	----	----	----	----	----	----	0.0388 + 0.0011	.1304	----	----	----	----	25 UNCH		
2150	----	----	----	----	----	----	0.0468 + 0.0014	.1533	----	----	----	----	270 UNCH		
2200	----	----	----	----	----	----	0.0559 + 0.0016	.1786	----	----	----	----	75 UNCH		
2250	----	----	----	----	----	----	0.0660 + 0.0017	.2061	----	----	----	----	1510 UNCH		
2350	----	----	----	----	----	----	0.0905 + 0.0024	.2693	----	----	----	----	80 UNCH		
2400	----	----	----	----	----	----	0.1053 + 0.0028	.3049	----	----	----	----	207 UNCH		
2500	----	----	----	----	----	----	0.1413 + 0.0039	.3836	----	----	----	----	2920 UNCH		
2550	----	----	----	----	----	----	0.1627 + 0.0044	.4257	----	----	----	----	204 UNCH		
2600	----	----	----	----	----	----	0.1866 + 0.0050	.4689	----	----	----	----	1576 UNCH		
2650	----	----	----	----	----	----	0.2127 + 0.0055	.5120	----	----	----	----	358 UNCH		
2700	----	----	----	----	----	----	0.2411 + 0.0061	.5546	----	----	----	----	682 UNCH		
2750	----	----	----	----	----	----	0.2716 + 0.0066	.5960	----	----	----	----	411 UNCH		
2800	----	----	----	----	----	----	0.3042 + 0.0072	.6359	----	----	----	----	111 UNCH		
2810	----	----	----	----	----	----	0.3110 + 0.0073	.6485	----	----	----	----	22 UNCH		
2850	----	----	----	----	----	----	0.3387 + 0.0076	.6736	----	----	----	----	50 UNCH		
2870	----	----	----	----	----	----	0.3531 + 0.0078	.6959	----	----	----	----	20 UNCH		
2900	----	----	----	----	----	----	0.3751 + 0.0081	.7090	----	----	----	----	45 UNCH		
2950	----	----	----	----	----	----	0.4130 + 0.0084	.7419	----	----	----	----	125 UNCH		
3000	----	----	----	----	----	----	0.4525 + 0.0089	.7720	----	----	----	----	150 UNCH		
3500	----	----	----	----	----	----	0.8980 + 0.0110	.9444	----	----	----	----	50 UNCH		
3750	----	----	----	----	----	----	1.1379 + 0.0113	.9714	----	----	----	----	25 UNCH		
4000	----	----	----	----	----	----	1.3811 + 0.0115	.9827	----	----	----	----	243 UNCH		
4650	----	----	----	----	----	----	2.0173 + 0.0116	.9915	----	----	----	----	55 UNCH		
4750	----	----	----	----	----	----	2.1152 + 0.0115	.9926	----	----	----	----	125 UNCH		
5150	----	----	----	----	----	----	2.5071 + 0.0114	.9949	----	----	----	----	50 UNCH		
7000	----	----	----	----	----	----	4.3210 + 0.0112	.9986	----	----	----	----	10 UNCH		
TOTAL												11724			
JUL19															
1900	----	----	----	----	----	----	0.0162 UNCH	.0586	----	----	----	----	300 UNCH		
2000	----	----	----	----	----	----	0.0257 + 0.0001	.0877	----	----	----	----	700 UNCH		
2100	----	----	----	----	----	----	0.0383 + 0.0001	.1241	----	----	----	----	25 UNCH		
2200	----	----	----	----	----	----	0.0548 + 0.0004	.1691	----	----	----	----	75 UNCH		
2250	----	----	----	----	----	----	0.0646 + 0.0004	.1949	----	----	----	----	1520 UNCH		
2350	----	----	----	----	----	----	0.0878 + 0.0007	.2533	----	----	----	----	70 UNCH		
2400	----	----	----	----	----	----	0.1018 + 0.0009	.2864	----	----	----	----	257 UNCH		
2500	----	----	----	----	----	----	0.1353 + 0.0014	.3596	----	----	----	----	2820 UNCH		
2550	----	----	----	----	----	----	0.1554 + 0.0018	.3993	----	----	----	----	4 UNCH		
2600	----	----	----	----	----	----	0.1778 + 0.0022	.4403	----	----	----	----	1476 UNCH		
2650	----	----	----	----	----	----	0.2024 + 0.0026	.4819	----	----	----	----	3 UNCH		
2700	----	----	----	----	----	----	0.2292 + 0.0030	.5233	----	----	----	----	762 UNCH		
2750	----	----	----	----	----	----	0.2581 + 0.0034	.5640	----	----	----	----	411 UNCH		
2800	----	----	----	----	----	----	0.2891 + 0.0039	.6035	----	----	----	----	111 UNCH		
2810	----	----	----	----	----	----	0.2955 + 0.0040	.6150	----	----	----	----	22 UNCH		
2850	----	----	----	----	----	----	0.3219 + 0.0043	.6414	----	----	----	----	50 UNCH		
2870	----	----	----	----	----	----	0.3357 + 0.0046	.6624	----	----	----	----	20 UNCH		
2900	----	----	----	----	----	----	0.3568 + 0.0049	.6773	----	----	----	----	45 UNCH		
2950	----	----	----	----	----	----	0.3932 + 0.0052	.7110	----	----	----	----	125 UNCH		
3000	----	----	----	----	----	----	0.4313 + 0.0057	.7423	----	----	----	----	150 UNCH		
3500	----	----	----	----	----	----	0.8672 + 0.0084	.9312	----	----	----	----	50 UNCH		
3750	----	----	----	----	----	----	1.1050 + 0.0092	.9642	----	----	----	----	25 UNCH		
4000	----	----	----	----	----	----	1.3468 + 0.0093	.9794	----	----	----	----	243 UNCH		
4650	----	----	----	----	----	----	1.9813 + 0.0094	.9902	----	----	----	----	55 UNCH		
4750	----	----	----	----	----	----	2.0790 + 0.0094	.9913	----	----	----	----	125 UNCH		
5150	----	----	----	----	----	----	2.4702 + 0.0094	.9936	----	----	----	----	50 UNCH		
7000	----	----	----	----	----	----	4.2804 + 0.0092	.9982	----	----	----	----	10 UNCH		
TOTAL												9504			
AUG19															
2000	----	----	----	----	----	----	0.0285 + 0.0012	.0923	----	----	----	----	700 UNCH		
2100	----	----	----	----	----	----	0.0417 + 0.0016	.1287	----	----	----	----	25 UNCH		
2200	----	----	----	----	----	----	0.0587 + 0.0021	.1729	----	----	----	----	75 UNCH		
2250	----	----	----	----	----	----	0.0687 + 0.0023	.1981	----	----	----	----	1510 UNCH		
2350	----	----	----	----	----	----	0.0924 + 0.0030	.2550	----	----	----	----	70 UNCH		
2400	----	----	----	----	----	----	0.1065 + 0.0033	.2870	----	----	----	----	257 UNCH		
2500	----	----	----	----	----	----	0.1402 + 0.0042	.3576	----	----	----	----	2788 UNCH		
2550	----	----	----	----	----	----	0.1603 + 0.0047	.3957	----	----	----	----	4 UNCH		
2600	----	----	----	----	----	----	0.1825 + 0.0051	.4350	----	----	----	----	1476 UNCH		
2650	----	----	----	----	----	----	0.2068 + 0.0055	.4751	----	----	----	----			



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN, PUT, OPEN, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months SEP19, OCT19, NOV19, DEC19, JAN20.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN, PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include monthly totals (FEB20, MAR20, APR20, MAY20, JUN20, JUL20) and daily data for various contract months (2000, 2250, 2400, 2500, 2550, 2600, 2650, 2700, 2710, 2720, 2730, 2750, 2800, 2840, 2850, 2900, 3000, 4450, 5150, 5200).

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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														
JUL20														
2720		----	----	----	----	----	0.3066 + 0.0047	.5834	----	----	----	----	11	UNCH
2730		----	----	----	----	----	0.3127 + 0.0048	.5903	----	----	----	----	11	UNCH
2750		----	----	----	----	----	0.3250 + 0.0047	.6041	----	----	----	----	457	UNCH
2800		----	----	----	----	----	0.3571 + 0.0050	.6376	----	----	----	----	85	UNCH
2840		----	----	----	----	----	0.3839 + 0.0053	.6807	----	----	----	----	11	UNCH
2850		----	----	----	----	----	0.3908 + 0.0053	.6696	----	----	----	----	50	UNCH
2900		----	----	----	----	----	0.4258 + 0.0054	.6999	----	----	----	----	16	UNCH
3000		----	----	----	----	----	0.5000 + 0.0060	.7550	----	----	----	----	81	UNCH
4450		----	----	----	----	----	1.8150 + 0.0068	.9893	----	----	----	----	50	UNCH
5150		----	----	----	----	----	2.4811 + 0.0065	.9957	----	----	----	----	25	UNCH
5200		----	----	----	----	----	2.5287 + 0.0065	.9958	----	----	----	----	75	UNCH
TOTAL													2464	
AUG20														
2000		----	----	----	----	----	0.0403 + 0.0014	.1224	----	----	----	----	215	UNCH
2250		----	----	----	----	----	0.0953 + 0.0028	.2484	----	----	----	----	290	UNCH
2300		----	----	----	----	----	0.1106 + 0.0031	.2793	----	----	----	----	25	UNCH
2400		----	----	----	----	----	0.1460 + 0.0037	.3458	----	----	----	----	75	UNCH
2500		----	----	----	----	----	0.1879 + 0.0045	.4173	----	----	----	----	798	UNCH
2550		----	----	----	----	----	0.2114 + 0.0049	.4544	----	----	----	----	106	UNCH
2600		----	----	----	----	----	0.2366 + 0.0052	.4921	----	----	----	----	1	UNCH
2650		----	----	----	----	----	0.2635 + 0.0055	.5301	----	----	----	----	51	UNCH
2700		----	----	----	----	----	0.2922 + 0.0059	.5631	----	----	----	----	30	UNCH
2710		----	----	----	----	----	0.2981 + 0.0060	.5757	----	----	----	----	1	UNCH
2720		----	----	----	----	----	0.3041 + 0.0061	.5770	----	----	----	----	11	UNCH
2730		----	----	----	----	----	0.3101 + 0.0062	.5839	----	----	----	----	11	UNCH
2750		----	----	----	----	----	0.3223 + 0.0062	.5976	----	----	----	----	457	UNCH
2800		----	----	----	----	----	0.3540 + 0.0066	.6311	----	----	----	----	85	UNCH
2840		----	----	----	----	----	0.3804 + 0.0068	.6739	----	----	----	----	11	UNCH
2850		----	----	----	----	----	0.3872 + 0.0069	.6630	----	----	----	----	50	UNCH
2900		----	----	----	----	----	0.4220 + 0.0073	.6932	----	----	----	----	16	UNCH
3000		----	----	----	----	----	0.4953 + 0.0079	.7487	----	----	----	----	81	UNCH
4450		----	----	----	----	----	1.8042 + 0.0096	.9884	----	----	----	----	50	UNCH
5150		----	----	----	----	----	2.4685 + 0.0093	.9953	----	----	----	----	25	UNCH
5200		----	----	----	----	----	2.5160 + 0.0093	.9958	----	----	----	----	75	UNCH
TOTAL													2464	
SEP20														
2000		----	----	----	----	----	0.0429 + 0.0013	.1288	----	----	----	----	215	UNCH
2250		----	----	----	----	----	0.0999 + 0.0026	.2578	----	----	----	----	290	UNCH
2300		----	----	----	----	----	0.1158 + 0.0029	.2893	----	----	----	----	25	UNCH
2400		----	----	----	----	----	0.1524 + 0.0035	.3568	----	----	----	----	75	UNCH
2500		----	----	----	----	----	0.1952 + 0.0041	.4288	----	----	----	----	798	UNCH
2550		----	----	----	----	----	0.2192 + 0.0046	.4660	----	----	----	----	106	UNCH
2600		----	----	----	----	----	0.2449 + 0.0049	.5040	----	----	----	----	1	UNCH
2650		----	----	----	----	----	0.2723 + 0.0052	.5421	----	----	----	----	51	UNCH
2700		----	----	----	----	----	0.3013 + 0.0055	.5740	----	----	----	----	30	UNCH
2710		----	----	----	----	----	0.3073 + 0.0056	.5879	----	----	----	----	1	UNCH
2720		----	----	----	----	----	0.3133 + 0.0056	.5878	----	----	----	----	11	UNCH
2730		----	----	----	----	----	0.3194 + 0.0057	.5947	----	----	----	----	11	UNCH
2750		----	----	----	----	----	0.3319 + 0.0059	.6082	----	----	----	----	457	UNCH
2800		----	----	----	----	----	0.3640 + 0.0062	.6412	----	----	----	----	85	UNCH
2840		----	----	----	----	----	0.3908 + 0.0064	.6862	----	----	----	----	11	UNCH
2850		----	----	----	----	----	0.3976 + 0.0064	.6726	----	----	----	----	50	UNCH
2900		----	----	----	----	----	0.4326 + 0.0067	.7023	----	----	----	----	16	UNCH
3000		----	----	----	----	----	0.5065 + 0.0071	.7566	----	----	----	----	81	UNCH
4450		----	----	----	----	----	1.8154 + 0.0084	.9889	----	----	----	----	50	UNCH
5150		----	----	----	----	----	2.4784 + 0.0082	.9953	----	----	----	----	25	UNCH
5200		----	----	----	----	----	2.5258 + 0.0082	.9958	----	----	----	----	75	UNCH
TOTAL													2464	
OCT20														
2000		----	----	----	----	----	0.0423 + 0.0012	.1255	----	----	----	----	200	UNCH
2250		----	----	----	----	----	0.0983 + 0.0024	.2507	----	----	----	----	290	UNCH
2300		----	----	----	----	----	0.1138 + 0.0028	.2813	----	----	----	----	25	UNCH
2400		----	----	----	----	----	0.1493 + 0.0033	.3469	----	----	----	----	75	UNCH
2500		----	----	----	----	----	0.1912 + 0.0039	.4173	----	----	----	----	798	UNCH
2550		----	----	----	----	----	0.2146 + 0.0043	.4538	----	----	----	----	106	UNCH
2600		----	----	----	----	----	0.2396 + 0.0045	.4910	----	----	----	----	1	UNCH
2650		----	----	----	----	----	0.2663 + 0.0049	.5286	----	----	----	----	51	UNCH
2700		----	----	----	----	----	0.2947 + 0.0053	.5610	----	----	----	----	30	UNCH
2710		----	----	----	----	----	0.3006 + 0.0053	.5738	----	----	----	----	1	UNCH
2720		----	----	----	----	----	0.3065 + 0.0054	.5747	----	----	----	----	11	UNCH
2730		----	----	----	----	----	0.3125 + 0.0055	.5815	----	----	----	----	11	UNCH
2750		----	----	----	----	----	0.3246 + 0.0055	.5950	----	----	----	----	457	UNCH
2800		----	----	----	----	----	0.3561 + 0.0060	.6279	----	----	----	----	85	UNCH
2840		----	----	----	----	----	0.3822 + 0.0061	.6716	----	----	----	----	11	UNCH
2850		----	----	----	----	----	0.3890 + 0.0062	.6595	----	----	----	----	50	UNCH
2900		----	----	----	----	----	0.4234 + 0.0064	.6894	----	----	----	----	16	UNCH
3000		----	----	----	----	----	0.4960 + 0.0069	.7444	----	----	----	----	81	UNCH
4450		----	----	----	----	----	1.7966 + 0.0085	.9876	----	----	----	----	50	UNCH
5150		----	----	----	----	----	2.4579 + 0.0081	.9949	----	----	----	----	25	UNCH
5200		----	----	----	----	----	2.5052 + 0.0081	.9953	----	----	----	----	75	UNCH
TOTAL													2449	
NOV20														
2000		----	----	----	----	----	0.0291 + 0.0010	.0961	----	----	----	----	150	UNCH
2250		----	----	----	----	----	0.0800 + 0.0021	.2166	----	----	----	----	290	UNCH
2400		----	----	----	----	----	0.1295 + 0.0029	.3108	----	----	----	----	75	UNCH
2500		----	----	----	----	----	0.1712 + 0.0034	.3790	----	----	----	----	808	UNCH
2550		----	----	----	----	----	0.1946 + 0.0036	.4139	----	----	----	----	6	UNCH
2600		----	----	----	----	----	0.2197 + 0.0039	.4491	----	----	----	----	1	UNCH
2650		----	----	----	----	----	0.2463 + 0.0041	.4843	----	----	----	----	51	UNCH
2710		----	----	----	----	----	0.2804 + 0.0044	.5263	----	----	----	----	1	UNCH
2720		----	----	----	----	----	0.2864 + 0.0045	.5301	----	----	----	----	11	UNCH
2730		----	----	----	----	----	0.2923 + 0.0046	.5365	----	----	----	----	11	UNCH
2750		----	----	----	----	----	0.3044 + 0.0047	.5493	----	----	----	----	457	



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

LN	PUT	NYMEX	NATURAL	GAS (EURO)	OPTS	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
TOTAL												2254
JAN21												
2000	----	----	----	----	----	0.0210 + 0.0007	.0623	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.0574 + 0.0016	.1433	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.1265 + 0.0031	.2624	----	----	----	----	300 UNCH
2600	----	----	----	----	----	0.1659 + 0.0039	.3174	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.2117 + 0.0045	.3737	----	----	----	----	12 UNCH
2750	----	----	----	----	----	0.2369 + 0.0047	.4020	----	----	----	----	50 UNCH
2800	----	----	----	----	----	0.2637 + 0.0051	.4300	----	----	----	----	31 UNCH
2850	----	----	----	----	----	0.2917 + 0.0053	.4575	----	----	----	----	260 UNCH
5200	----	----	----	----	----	2.2344 + 0.0078	.9636	----	----	----	----	100 UNCH
TOTAL												1263
FEB21												
2000	----	----	----	----	----	0.0327 + 0.0009	.0837	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.0785 + 0.0018	.1707	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.1587 + 0.0034	.2883	----	----	----	----	300 UNCH
2600	----	----	----	----	----	0.2016 + 0.0039	.3399	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.2503 + 0.0045	.3921	----	----	----	----	12 UNCH
2750	----	----	----	----	----	0.2767 + 0.0047	.4181	----	----	----	----	50 UNCH
2800	----	----	----	----	----	0.3043 + 0.0049	.4439	----	----	----	----	31 UNCH
2850	----	----	----	----	----	0.3331 + 0.0052	.4686	----	----	----	----	260 UNCH
5200	----	----	----	----	----	2.2651 + 0.0076	.9536	----	----	----	----	100 UNCH
TOTAL												1263
MAR21												
2000	----	----	----	----	----	0.0484 + 0.0012	.1131	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.1071 + 0.0024	.2119	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.2024 + 0.0039	.3344	----	----	----	----	300 UNCH
2600	----	----	----	----	----	0.2507 + 0.0044	.3857	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.3044 + 0.0048	.4366	----	----	----	----	12 UNCH
2750	----	----	----	----	----	0.3330 + 0.0051	.4616	----	----	----	----	50 UNCH
2800	----	----	----	----	----	0.3627 + 0.0053	.4846	----	----	----	----	281 UNCH
2850	----	----	----	----	----	0.3935 + 0.0055	.5073	----	----	----	----	260 UNCH
5200	----	----	----	----	----	2.3459 + 0.0075	.9537	----	----	----	----	100 UNCH
TOTAL												1513
APR21												
2000	----	----	----	----	----	0.0652 + 0.0012	.1747	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.1380 + 0.0020	.3172	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.2493 + 0.0030	.4903	----	----	----	----	250 UNCH
2550	----	----	----	----	----	0.2762 + 0.0031	.5233	----	----	----	----	250 UNCH
2600	----	----	----	----	----	0.3046 + 0.0034	.5633	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.3659 + 0.0039	.6365	----	----	----	----	12 UNCH
2750	----	----	----	----	----	0.3985 + 0.0040	.6498	----	----	----	----	300 UNCH
2800	----	----	----	----	----	0.4325 + 0.0042	.7093	----	----	----	----	31 UNCH
2850	----	----	----	----	----	0.4677 + 0.0044	.7049	----	----	----	----	260 UNCH
5200	----	----	----	----	----	2.5708 + 0.0048	.9929	----	----	----	----	100 UNCH
TOTAL												1713
MAY21												
2000	----	----	----	----	----	0.0654 + 0.0007	.1812	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.1399 + 0.0013	.3315	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.2545 + 0.0021	.5137	----	----	----	----	250 UNCH
2600	----	----	----	----	----	0.3113 + 0.0023	.5903	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.3741 + 0.0027	.6673	----	----	----	----	12 UNCH
2750	----	----	----	----	----	0.4077 + 0.0028	.6748	----	----	----	----	300 UNCH
2800	----	----	----	----	----	0.4426 + 0.0029	.7436	----	----	----	----	31 UNCH
2850	----	----	----	----	----	0.4787 + 0.0032	.7295	----	----	----	----	260 UNCH
5200	----	----	----	----	----	2.5897 + 0.0027	.9941	----	----	----	----	100 UNCH
TOTAL												1463
JUN21												
2000	----	----	----	----	----	0.0595 + 0.0006	.1681	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.1296 + 0.0012	.3136	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.2391 + 0.0019	.4941	----	----	----	----	250 UNCH
2600	----	----	----	----	----	0.2941 + 0.0022	.5710	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.3553 + 0.0026	.6484	----	----	----	----	12 UNCH
2750	----	----	----	----	----	0.3881 + 0.0028	.6601	----	----	----	----	300 UNCH
2800	----	----	----	----	----	0.4222 + 0.0029	.7257	----	----	----	----	31 UNCH
2850	----	----	----	----	----	0.4575 + 0.0030	.7170	----	----	----	----	260 UNCH
5200	----	----	----	----	----	2.5595 + 0.0028	.9937	----	----	----	----	100 UNCH
TOTAL												1463
JUL21												
2000	----	----	----	----	----	0.0552 + 0.0007	.1564	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.1214 + 0.0012	.2956	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.2260 + 0.0020	.4713	----	----	----	----	250 UNCH
2600	----	----	----	----	----	0.2789 + 0.0022	.5470	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.3380 + 0.0025	.6239	----	----	----	----	12 UNCH
2750	----	----	----	----	----	0.3697 + 0.0026	.6402	----	----	----	----	300 UNCH
2800	----	----	----	----	----	0.4028 + 0.0028	.7011	----	----	----	----	31 UNCH
2850	----	----	----	----	----	0.4372 + 0.0029	.6986	----	----	----	----	260 UNCH
5200	----	----	----	----	----	2.5260 + 0.0026	.9933	----	----	----	----	100 UNCH
TOTAL												1463
AUG21												
2000	----	----	----	----	----	0.0549 + 0.0006	.1539	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.1201 + 0.0011	.2901	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.2230 + 0.0018	.4627	----	----	----	----	250 UNCH
2600	----	----	----	----	----	0.2751 + 0.0021	.5375	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.3333 + 0.0024	.6135	----	----	----	----	12 UNCH
2750	----	----	----	----	----	0.3645 + 0.0025	.6310	----	----	----	----	300 UNCH
2800	----	----	----	----	----	0.3972 + 0.0028	.6901	----	----	----	----	31 UNCH
2850	----	----	----	----	----	0.4311 + 0.0027	.6895	----	----	----	----	260 UNCH
5200	----	----	----	----	----	2.5101 + 0.0026	.9929	----	----	----	----	100 UNCH
TOTAL												1463
SEP21												
2000	----	----	----	----	----	0.0560 + 0.0005	.1555	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.1216 + 0.0011	.2913	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.2245 + 0.0017	.4632	----	----	----	----	250 UNCH
2600	----	----	----	----	----	0.2765 + 0.0019	.5377	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.3347 + 0.0023	.6135	----	----	----	----	12 UNCH
2750	----	----	----	----	----	0.3659 + 0.0025	.6304	----	----	----	----	300 UNCH
2800	----	----	----	----	----	0.3985 + 0.0026	.6900	----	----	----	----	31 UNCH
2850	----	----	----	----	----	0.4324 + 0.0028	.6885	----	----	----	----	260 UNCH
5200	----	----	----	----	----	2.5057 + 0.0026	.9929	----	----	----	----	100 UNCH
TOTAL												1463
OCT21												
2000	----	----	----	----	----	0.0544 + 0.0005	.1484	----	----	----	----	25 UNCH
2250	----	----	----	----	----	0.1175 + 0.0010	.2779	----	----	----	----	465 UNCH
2500	----	----	----	----	----	0.2166 + 0.0016	.4432	----	----	----	----	250 UNCH
2600	----	----	----	----	----	0.2670 + 0.0019	.5154	----	----	----	----	20 UNCH
2700	----	----	----	----	----	0.3233 + 0.0022	.58					



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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 for NOV21, DEC21, JAN22, FEB22, MAR22, APR22, MAY22, JUN22, JUL22, AUG22, SEP22, OCT22, NOV22.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

LN	PUT	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	SETT.PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
OPEN	OPEN	RANGE	HIGH/LOW	HIGH/LOW	CLOSE	RANGE	& PT.CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
NYMEX NATURAL GAS (EURO) OPTS													
TOTAL													358
DEC22							0.0028 UNCH	.0100					50 UNCH
1500	----	----	----	----	----	----	0.0969 + 0.0009	.2112					1 UNCH
2300	----	----	----	----	----	----	0.1624 + 0.0014	.3138					175 UNCH
2500	----	----	----	----	----	----	0.1820 + 0.0014	.3416					50 UNCH
2550	----	----	----	----	----	----	0.2030 + 0.0016	.3700					10 UNCH
2600	----	----	----	----	----	----	0.2489 + 0.0019	.4285					12 UNCH
2700	----	----	----	----	----	----	0.2736 + 0.0019	.4583					60 UNCH
2750	----	----	----	----	----	----							
TOTAL													358
JAN23							0.1070 + 0.0006	.1934					1 UNCH
2300	----	----	----	----	----	----	0.1625 + 0.0001	.2737					175 UNCH
2500	----	----	----	----	----	----	0.2129 + 0.0011	.3428					10 UNCH
2650	----	----	----	----	----	----	0.2335 + 0.0012	.3677					12 UNCH
2700	----	----	----	----	----	----	2.1557 + 0.0021	.9553					30 UNCH
5250	----	----	----	----	----	----	2.1803 + 0.0020	.9469					30 UNCH
5500	----	----	----	----	----	----	2.3752 + 0.0018	.9653					50 UNCH
TOTAL													278
FEB23							0.1262 + 0.0005	.2104					1 UNCH
2300	----	----	----	----	----	----	0.1847 - 0.0001	.2897					175 UNCH
2500	----	----	----	----	----	----	0.2404 + 0.0011	.3577					10 UNCH
2650	----	----	----	----	----	----	0.2621 + 0.0013	.3817					12 UNCH
2700	----	----	----	----	----	----	2.1803 + 0.0020	.9469					30 UNCH
5250	----	----	----	----	----	----	2.3986 + 0.0017	.9579					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													278
MAR23							0.1465 + 0.0004	.2350					1 UNCH
2300	----	----	----	----	----	----	0.2091 + 0.0005	.3178					175 UNCH
2500	----	----	----	----	----	----	0.2719 + 0.0013	.3880					10 UNCH
2650	----	----	----	----	----	----	0.2952 + 0.0015	.4122					12 UNCH
2700	----	----	----	----	----	----	2.2347 + 0.0019	.9471					30 UNCH
5250	----	----	----	----	----	----	2.4528 + 0.0017	.9579					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													278
APR23							0.1561 + 0.0014	.3130					1 UNCH
2300	----	----	----	----	----	----	0.2432 + 0.0019	.4331					175 UNCH
2500	----	----	----	----	----	----	0.3222 + 0.0023	.5276					10 UNCH
2650	----	----	----	----	----	----	0.3509 + 0.0024	.5595					12 UNCH
2700	----	----	----	----	----	----	2.4230 + 0.0018	.9786					30 UNCH
5250	----	----	----	----	----	----	2.6432 + 0.0015	.9839					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													278
MAY23							0.1627 + 0.0012	.3230					1 UNCH
2300	----	----	----	----	----	----	0.2516 + 0.0017	.4440					175 UNCH
2500	----	----	----	----	----	----	0.3318 + 0.0021	.5390					10 UNCH
2650	----	----	----	----	----	----	0.3609 + 0.0022	.5711					12 UNCH
2700	----	----	----	----	----	----	2.4341 + 0.0016	.9789					30 UNCH
5250	----	----	----	----	----	----	2.6540 + 0.0015	.9839					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													278
JUN23							0.1568 + 0.0012	.3103					1 UNCH
2300	----	----	----	----	----	----	0.2432 + 0.0017	.4285					175 UNCH
2500	----	----	----	----	----	----	0.3214 + 0.0021	.5217					10 UNCH
2650	----	----	----	----	----	----	0.3498 + 0.0022	.5533					12 UNCH
2700	----	----	----	----	----	----	2.4077 + 0.0017	.9766					30 UNCH
5250	----	----	----	----	----	----	2.6270 + 0.0015	.9822					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													278
JUL23							0.1511 + 0.0011	.2974					1 UNCH
2300	----	----	----	----	----	----	0.2349 + 0.0016	.4123					175 UNCH
2500	----	----	----	----	----	----	0.3110 + 0.0021	.5035					10 UNCH
2650	----	----	----	----	----	----	0.3386 + 0.0020	.5345					12 UNCH
2700	----	----	----	----	----	----	2.3793 + 0.0016	.9742					30 UNCH
5250	----	----	----	----	----	----	2.5978 + 0.0014	.9802					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													278
AUG23							0.1486 + 0.0011	.2904					1 UNCH
2300	----	----	----	----	----	----	0.2308 + 0.0015	.4030					175 UNCH
2500	----	----	----	----	----	----	0.3056 + 0.0018	.4927					10 UNCH
2650	----	----	----	----	----	----	0.3329 + 0.0020	.5233					12 UNCH
2700	----	----	----	----	----	----	2.3611 + 0.0016	.9724					30 UNCH
5250	----	----	----	----	----	----	2.5791 + 0.0014	.9786					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													278
SEP23							0.2319 + 0.0015	.4018					175 UNCH
2500	----	----	----	----	----	----	0.3065 + 0.0019	.4909					10 UNCH
2650	----	----	----	----	----	----	0.3336 + 0.0020	.5212					12 UNCH
2700	----	----	----	----	----	----	2.3545 + 0.0017	.9711					30 UNCH
5250	----	----	----	----	----	----	2.5718 + 0.0014	.9778					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													277
OCT23							0.2235 + 0.0015	.3863					175 UNCH
2500	----	----	----	----	----	----	0.2959 + 0.0018	.4734					10 UNCH
2650	----	----	----	----	----	----	0.3225 + 0.0019	.5031					12 UNCH
2700	----	----	----	----	----	----	2.3262 + 0.0016	.9686					30 UNCH
5250	----	----	----	----	----	----	2.5429 + 0.0014	.9755					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													277
NOV23							0.2053 + 0.0014	.3549					175 UNCH
2500	----	----	----	----	----	----	0.2736 + 0.0017	.4381					10 UNCH
2650	----	----	----	----	----	----	0.2986 + 0.0017	.4666					12 UNCH
2700	----	----	----	----	----	----	2.2710 + 0.0016	.9634					30 UNCH
5250	----	----	----	----	----	----	2.4868 + 0.0014	.9714					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													277
DEC23							0.1653 + 0.0010	.2880					175 UNCH
2500	----	----	----	----	----	----	0.2242 + 0.0014	.3623					10 UNCH
2650	----	----	----	----	----	----	0.2461 + 0.0015	.3881					12 UNCH
2700	----	----	----	----	----	----	2.1452 + 0.0017	.9506					30 UNCH
5250	----	----	----	----	----	----	2.3593 + 0.0015	.9609					50 UNCH
5500	----	----	----	----	----	----							
TOTAL													277
JAN24							0.0802 + 0.0003	.1524					45 UNCH
2250	----	----	----	----	----	----	0.1419 + 0.0006	.2446					50 UNCH
2500	----	----	----	----	----	----	0.1923 + 0.0009	.3109					20 UNCH
2650	----	----	----										



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

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														
MAR24														
2250		----	----	----	----	----	0.0959 + 0.0004	.1796	----	----	----	----	36	UNCH
2500		----	----	----	----	----	0.1665 + 0.0010	.2817	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.2233 + 0.0015	.3530	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.1586 + 0.0024	.9473	----	----	----	----	60	UNCH
TOTAL													166	
APR24														
2250		----	----	----	----	----	0.1453 + 0.0013	.2693	----	----	----	----	42	UNCH
2500		----	----	----	----	----	0.2421 + 0.0022	.4004	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.3147 + 0.0029	.4865	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.3635 + 0.0039	.9674	----	----	----	----	60	UNCH
TOTAL													172	
MAY24														
2250		----	----	----	----	----	0.1507 + 0.0013	.2775	----	----	----	----	42	UNCH
2500		----	----	----	----	----	0.2496 + 0.0023	.4101	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.3233 + 0.0030	.4971	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.3738 + 0.0039	.9677	----	----	----	----	60	UNCH
TOTAL													172	
JUN24														
2250		----	----	----	----	----	0.1464 + 0.0012	.2675	----	----	----	----	37	UNCH
2500		----	----	----	----	----	0.2426 + 0.0021	.3965	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.3145 + 0.0028	.4815	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.3479 + 0.0038	.9650	----	----	----	----	60	UNCH
TOTAL													167	
JUL24														
2250		----	----	----	----	----	0.1413 + 0.0012	.2564	----	----	----	----	37	UNCH
2500		----	----	----	----	----	0.2344 + 0.0020	.3814	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.3042 + 0.0026	.4642	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.3196 + 0.0038	.9622	----	----	----	----	60	UNCH
TOTAL													167	
AUG24														
2250		----	----	----	----	----	0.1390 + 0.0012	.2504	----	----	----	----	33	UNCH
2500		----	----	----	----	----	0.2305 + 0.0020	.3729	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.2991 + 0.0026	.4542	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.3010 + 0.0038	.9600	----	----	----	----	60	UNCH
TOTAL													163	
SEP24														
2250		----	----	----	----	----	0.1400 + 0.0012	.2503	----	----	----	----	36	UNCH
2500		----	----	----	----	----	0.2313 + 0.0020	.3719	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.2997 + 0.0025	.4528	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.2947 + 0.0038	.9589	----	----	----	----	60	UNCH
TOTAL													166	
OCT24														
2250		----	----	----	----	----	0.1354 + 0.0011	.2405	----	----	----	----	41	UNCH
2500		----	----	----	----	----	0.2240 + 0.0019	.3584	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.2906 + 0.0024	.4372	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.2674 + 0.0036	.9560	----	----	----	----	60	UNCH
TOTAL													171	
NOV24														
2250		----	----	----	----	----	0.1255 + 0.0011	.2200	----	----	----	----	38	UNCH
2500		----	----	----	----	----	0.2084 + 0.0016	.3303	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.2706 + 0.0020	.4048	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.2127 + 0.0037	.9490	----	----	----	----	60	UNCH
TOTAL													168	
DEC24														
2250		----	----	----	----	----	0.1021 + 0.0009	.1772	----	----	----	----	45	UNCH
2500		----	----	----	----	----	0.1732 + 0.0012	.2723	----	----	----	----	50	UNCH
2650		----	----	----	----	----	0.2272 + 0.0017	.3379	----	----	----	----	20	UNCH
5300		----	----	----	----	----	2.0915 + 0.0038	.9347	----	----	----	----	60	UNCH
TOTAL													175	
JAN25														
2250		----	----	----	----	----	0.0734 + 0.0009	.1385	----	----	----	----	45	UNCH
TOTAL													45	
FEB25														
2250		----	----	----	----	----	0.0782 + 0.0011	.1462	----	----	----	----	40	UNCH
TOTAL													40	
MAR25														
2250		----	----	----	----	----	0.0885 + 0.0013	.1639	----	----	----	----	36	UNCH
TOTAL													36	
APR25														
2250		----	----	----	----	----	0.1334 + 0.0019	.2435	----	----	----	----	42	UNCH
TOTAL													42	
MAY25														
2250		----	----	----	----	----	0.1389 + 0.0019	.2518	----	----	----	----	42	UNCH
TOTAL													42	
JUN25														
2250		----	----	----	----	----	0.1347 + 0.0019	.2428	----	----	----	----	37	UNCH
TOTAL													37	
JUL25														
2250		----	----	----	----	----	0.1302 + 0.0018	.2334	----	----	----	----	37	UNCH
TOTAL													37	
AUG25														
2250		----	----	----	----	----	0.1271 + 0.0017	.2266	----	----	----	----	33	UNCH
TOTAL													33	
SEP25														
2250		----	----	----	----	----	0.1278 + 0.0017	.2265	----	----	----	----	36	UNCH
TOTAL													36	
OCT25														
2250		----	----	----	----	----	0.1230 + 0.0016	.2168	----	----	----	----	41	UNCH
TOTAL													41	
NOV25														
2250		----	----	----	----	----	0.1127 + 0.0015	.1975	----	----	----	----	38	UNCH
TOTAL													38	
DEC25														
2250		----	----	----	----	----	0.0905 + 0.0012	.1580	----	----	----	----	45	UNCH
TOTAL													45	
JAN26														
2250		----	----	----	----	----	0.0763 + 0.0010	.1324	----	----	----	----	45	UNCH
TOTAL													45	
FEB26														
2250		----	----	----	----	----	0.0807 + 0.0013	.1390	----	----	----	----	40	UNCH
TOTAL													40	
MAR26														
2250		----	----	----	----	----	0.0903 + 0.0016	.1546	----	----	----	----	36	UNCH
TOTAL													36	
APR26														
2250		----	----	----	----	----	0.1319 + 0.0027	.2246	----	----				



FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN PUT, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months from MAY26 to JAN29.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: LN 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 sections for NYMEX NATURAL GAS (EURO) OPTS, NYMEX NATURAL GAS OPTIONS (PHY), and various contract months (AUG18, SEP18, OCT18, NOV18).

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include NOV18, DEC18, JAN19, FEB19, MAR19.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 SEP18 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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: ON 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 months like OCT18, NOV18, DEC18, JAN19, FEB19, MAR19.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include NYMEX NATURAL GAS OPTIONS (PHY), NYMEX ONE DAY CRUDE OIL OPTIONS, NYMEX ONE DAY NATURAL GAS OPTIONS, and NYMEX RBOB (PHY) OPTIONS.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include OB CALL SEP18, OCT18, DEC18, APR19, OB PUT AUG18, SEP18, OCT18.

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.



FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 RBOB (PHY) OPTIONS, PANHANDLE PIPE OPTION, and PJM WEST HUB REAL-TIME PK 5 MW OPT.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include PMA OOF, PJM WEST HUB REAL-TIME PK CAL 50 MW, NOV18, DEC18, JAN19, FEB19, JUL19, AUG19, JAN21, FEB21, MAR21, APR21, MAY21, JUN21, JUL21, AUG21, SEP21, OCT21, NOV21, DEC21, RPF CALL, POWDR RIVR COAL OPT ON QTY FUT STRP, RA CALL, RBOB APO (AVERAGE PRICE) OPTIONS.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

RA CALL	OPEN GLOBEX	OUTCRY	OPEN RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
RBOB APO (AVERAGE PRICE) OPTIONS															
JAN19															
22000	----							0.0356 + 0.0017	.1982	----				10	UNCH
22500	----							0.0290 + 0.0014	.1677	----				5	UNCH
TOTAL														15	
RBOB APO (AVERAGE PRICE) OPTIONS															
FEB19															
22000	----							0.0464 + 0.0018	.2305	----				10	UNCH
22500	----							0.0386 + 0.0015	.1990	----				5	UNCH
TOTAL														15	
RBOB APO (AVERAGE PRICE) OPTIONS															
SEP18															
15000	----							0.0016 - 0.0005	.0190	----				100	UNCH
TOTAL														100	
RBOB APO (AVERAGE PRICE) OPTIONS															
OCT18															
15000	----							0.0071 - 0.0015	.0581	----				50	UNCH
TOTAL														50	
RBOB APO (AVERAGE PRICE) OPTIONS															
NOV18															
15000	----							0.0149 - 0.0023	.0953	----				50	UNCH
TOTAL														50	
RBOB APO (AVERAGE PRICE) OPTIONS															
DEC18															
15000	----							0.0225 - 0.0025	.1210	----				50	UNCH
TOTAL														50	
RBOB EURO EXPIRATION OPTION															
OCT18															
13000	----							0.0001 UNCH	.0013	----				125	UNCH
TOTAL														125	
SAN JUAN PIPE OPTION															
NOV18															
2250	----							0.0423 - 0.0023	.2830	----				180	UNCH
TOTAL														180	
SAN JUAN PIPE OPTION															
DEC18															
2250	----							0.2583 - 0.0228	.7328	----				180	UNCH
3400	----							0.0053 - 0.0011	.0333	----				124	UNCH
3750	----							0.0021 - 0.0004	.0135	----				124	UNCH
TOTAL														428	
SAN JUAN PIPE OPTION															
JAN19															
2250	----							0.3660 - 0.0228	.7745	----				180	UNCH
3250	----							0.0369 - 0.0042	.1454	----				186	UNCH
3400	----							0.0258 - 0.0030	.1065	----				124	UNCH
3750	----							0.0116 - 0.0015	.0519	----				124	UNCH
TOTAL														614	
SAN JUAN PIPE OPTION															
FEB19															
2250	----							0.3230 - 0.0145	.6746	----				180	UNCH
3150	----							0.0688 - 0.0052	.2076	----				168	UNCH
3400	----							0.0458 - 0.0038	.1458	----				112	UNCH
3750	----							0.0269 - 0.0025	.0905	----				112	UNCH
TOTAL														572	
SAN JUAN PIPE OPTION															
MAR19															
2250	----							0.1506 - 0.0104	.4228	----				180	UNCH
TOTAL														180	
U16 SHORT TERM NG OPTIONS															
JUL18															
275	----							0.0090 UNCH	----	----				0	UNCH
TOTAL														0	
U17 SHORT TERM NG OPTIONS															
JUL18															
275	----							0.0100 - 0.0006	1.0000	13	----			0	13
TOTAL														0	13
WTI CRUDE OIL 1 M CSO FIN															
AUG18															
25	----							0.68 - 0.08	.9743	----				1000	UNCH
50	----							0.47 - 0.07	.8589	----				5125	UNCH
65	----							0.35 - 0.08	.7628	----				750	UNCH
75	----							0.29 - 0.08	.6663	----				450	UNCH
80	----							0.26 - 0.08	.6186	----				1000	UNCH
100	----							0.17 - 0.07	.4253	----				2200	UNCH
150	----							0.06 - 0.04	.1284	----				500	UNCH
200	----							0.02 - 0.04	.0314	----				3000	UNCH
250	----							0.01 - 0.01	.0109	----				1000	UNCH
300	----							0.01 UNCH	.0012	----				3000	UNCH
TOTAL														18025	
WTI CRUDE OIL 1 M CSO FIN															
SEP18															
25	----							1.13 - 0.09	.8756	----				1000	UNCH
50	----							0.97 - 0.06	.7722	----				3625	UNCH
60	----							0.91 - 0.06	.7351	----				3000	UNCH
65	----							0.88 - 0.06	.7175	----				750	UNCH
75	----							0.83 - 0.06	.6799	----				2650	UNCH
80	----							0.81 - 0.05	.6606	----				1000	UNCH
100	----							0.72 - 0.05	.5939	----				2200	UNCH
150	----							0.56 - 0.04	.4551	----				500	UNCH
250	----							0.31 - 0.04	.2644	----				1000	UNCH
TOTAL														15725	
WTI CRUDE OIL 1 M CSO FIN															
OCT18															
25	----							0.46 - 0.01	.6828	----				1000	UNCH
50	----							0.35 - 0.02	.5357	----				1625	UNCH
65	----							0.30 - 0.02	.4621	----				750	UNCH
75	----							0.27 - 0.01	.4187	----				1350	UNCH
80	----							0.26 - 0.01	.3995	----				1000	UNCH
100	----							0.21 - 0.01	.3278	----				1700	UNCH
125	----							0.16 - 0.01	.2546	----				200	UNCH
150	----							0.12 - 0.01	.1955	----				1500	UNCH
TOTAL														9125	
WTI CRUDE OIL 1 M CSO FIN															
NOV18															
25	----							0.36 - 0.01	.5712	----				1000	UNCH
50	----							0.28 - 0.01	.4431	----				1625	UNCH
75	----							0.23 - 0.01	.3507	----				1350	UNCH
80	----							0.22 - 0.01	.3348	----				1000	UNCH
100	----							0.19 - 0.01	.2819	----				1700	UNCH
125	----							0.16 UNCH	.2304	----				200	UNCH
150	----							0.13 UNCH	.1863	----				1500	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.



FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include 7A CALL, 7A PUT, and various contract months from DEC18 to DEC19.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 DEC18 to DEC19.

Table with columns: WA CALL, WTI CRUDE OIL 1MO CAL SPRD OPTIONS. Rows include months from AUG18 to OCT18.

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 WA CALL, NOV18, DEC18, JAN19, FEB19, MAR19, APR19, MAY19, JUN19, AUG18, SEP18, OCT18, NOV18.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: WA PUT NOV18, WTI CRUDE OIL, 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 NOV18 to DEC19 and a section for WTI-BRENT SPREAD OPTION.

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 #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 SEP18 to DEC19 with various contract specifications and volume data.

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



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include BV CALL DEC19, BV PUT SEP18, OCT18, NOV18, DEC18, JAN19, FEB19, MAR19, APR19, MAY19.



FINAL

PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

Table with columns: 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 MAY19 to DEC20 with various contract specifications and volume data.



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

OPTIONS EOO'S AND BLOCKS

PRODUCT	STRIKE PRICE	EOO VOLUME	BLOCK VOLUME
LO CALL NYMEX CRUDE OIL OPTIONS (PHY)			
AUG18 CALL			
LO	6750	0	270
LO	6800	0	100
TOTALS		0	370
SEP18 CALL			
LO	6700	0	200
LO	6750	0	330
LO	6900	0	180
LO	7000	0	575
LO	7050	0	180
LO	7100	0	250
LO	7250	0	180
LO	7500	0	1750
LO	7700	0	1000
LO	7800	0	1500
TOTALS		0	6145
OCT18 CALL			
LO	6500	0	300
LO	6550	0	200
LO	7000	0	450
TOTALS		0	950
NOV18 CALL			
LO	6500	0	1000
LO	6600	0	700
LO	7000	0	250
TOTALS		0	1950
DEC18 CALL			
LO	6450	0	200
LO	6500	0	4150
LO	7000	0	350
LO	7500	0	450
LO	7750	0	3400
LO	8000	0	100
TOTALS		0	8650
JAN19 CALL			
LO	6500	0	200
TOTALS		0	200
MAR19 CALL			
LO	6400	0	800
LO	7000	0	450
TOTALS		0	1250
JUN19 CALL			
LO	6300	0	100
LO	6350	0	100
LO	7300	0	100
LO	8000	0	300
LO	9000	0	600
TOTALS		0	1200
DEC19 CALL			
LO	6150	0	100
TOTALS		0	100
JUN20 CALL			
LO	6500	0	300
LO	7500	0	300
TOTALS		0	600
DEC20 CALL			
LO	8000	0	200
LO	11000	0	400
TOTALS		0	600
LO PUT NYMEX CRUDE OIL OPTIONS (PHY)			
AUG18 PUT			
LO	6700	0	100
LO	6800	0	100
TOTALS		0	200
SEP18 PUT			
LO	6000	0	300
LO	6150	0	180
LO	6350	0	180
LO	6400	0	325
LO	6500	0	180
LO	6600	0	50
LO	6650	0	180
LO	6750	0	150
TOTALS		0	1545
OCT18 PUT			
LO	6200	0	450
LO	6600	0	50
TOTALS		0	500
NOV18 PUT			
LO	6000	0	250
TOTALS		0	250
DEC18 PUT			
LO	6000	0	600
TOTALS		0	600
JAN19 PUT			
LO	5500	0	200
TOTALS		0	200
MAR19 PUT			
LO	4000	0	300
LO	5000	0	600
LO	6000	0	950
LO	6150	0	200
TOTALS		0	2050
JUN19 PUT			
LO	5300	0	100
LO	5500	0	475
LO	6000	0	100
LO	6200	0	300
LO	6300	0	400
TOTALS		0	1375
SEP19 PUT			
LO	3500	0	400



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

LO	4500	0	400
LO	6000	0	100
TOTALS		0	900

ON CALL NYMEX NATURAL GAS OPTIONS (PHY)			
NOV18	CALL		
ON		3800	0
TOTALS			36
DEC18	CALL		
ON		3800	0
TOTALS			59
JAN19	CALL		
ON		3800	0
TOTALS			61
FEB19	CALL		
ON		3800	0
TOTALS			47
MAR19	CALL		
ON		3800	0
TOTALS			35

ON PUT NYMEX NATURAL GAS OPTIONS (PHY)			
NOV18	PUT		
ON		2450	0
TOTALS			36
DEC18	PUT		
ON		2450	0
TOTALS			59
JAN19	PUT		
ON		2450	0
TOTALS			61
FEB19	PUT		
ON		2450	0
TOTALS			47
MAR19	PUT		
ON		2450	0
TOTALS			35

OH CALL NYMEX HEATING OIL (PHY) OPTIONS			
AUG18	CALL		
OH		20800	0
OH		21500	0
TOTALS			450
SEP18	CALL		
OH		21500	0
OH		22000	0
OH		22500	0
TOTALS			500
OCT18	CALL		
OH		21600	0
TOTALS			100
DEC18	CALL		
OH		21500	0
OH		22500	0
OH		25000	0
TOTALS			282
JAN19	CALL		
OH		21500	0
TOTALS			7
FEB19	CALL		
OH		21500	0
OH		23000	0
TOTALS			157
MAR19	CALL		
OH		21500	0
TOTALS			7

OH PUT NYMEX HEATING OIL (PHY) OPTIONS			
AUG18	PUT		
OH		19000	0
OH		20500	0
TOTALS			350
SEP18	PUT		
OH		17000	0
OH		18500	0
OH		18900	0
OH		19000	0
OH		20000	0
TOTALS			850
DEC18	PUT		
OH		18000	0
TOTALS			175

OB CALL NYMEX RBOB (PHY) OPTIONS			
AUG18	CALL		
OB		20300	0
TOTALS			200

WA CALL WTI CRUDE OIL 1MO CAL SPRD OPTIONS			
AUG18	CALL		
WA		50	0
TOTALS			1000

WA PUT WTI CRUDE OIL 1MO CAL SPRD OPTIONS			
SEP18	PUT		
WA		0	0
WA		50	0
TOTALS			750
OCT18	PUT		
WA		50	0
TOTALS			1250
NOV18	PUT		
WA		50	0
TOTALS			2750
DEC18	PUT		
WA		50	0
TOTALS			2750



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

JAN19	PUT			
WA		0	0	1000
WA		25	0	500
WA		50	0	2100
TOTALS			0	3600

FEB19	PUT			
WA		50	0	2400
TOTALS			0	2400

MAR19	PUT			
WA		50	0	2400
TOTALS			0	2400

APR19	PUT			
WA		50	0	2200
TOTALS			0	2200

MAY19	PUT			
WA		50	0	2000
TOTALS			0	2000

JUN19	PUT			
WA		50	0	2000
TOTALS			0	2000

LC CALL		NYMEX CRUDE OIL (EURO) OPTS (PHY)		
OCT18	CALL			
LC		6600	0	50
TOTALS			0	50

DEC18	CALL			
LC		3000	0	80
LC		13000	0	80
TOTALS			0	160

LC PUT		NYMEX CRUDE OIL (EURO) OPTS (PHY)		
AUG18	PUT			
LC		6700	0	20
TOTALS			0	20

DEC18	PUT			
LC		3000	0	80
LC		13000	0	80
TOTALS			0	160

LN CALL		NYMEX NATURAL GAS (EURO) OPTS		
AUG18	CALL			
LN		2750	0	100
LN		2800	0	400
TOTALS			0	500

SEP18	CALL			
LN		2800	0	100
LN		2850	0	125
TOTALS			0	225

OCT18	CALL			
LN		2750	0	100
TOTALS			0	100

DEC18	CALL			
LN		3500	0	400
TOTALS			0	400

JAN19	CALL			
LN		3050	0	100
LN		3400	0	250
LN		3750	0	100
LN		4250	0	100
TOTALS			0	550

FEB19	CALL			
LN		3150	0	50
LN		3250	0	50
LN		3500	0	700
LN		3750	0	127
LN		4250	0	100
TOTALS			0	1027

MAR19	CALL			
LN		3500	0	700
LN		3750	0	100
LN		3850	0	12
LN		4250	0	200
TOTALS			0	1012

JUN19	CALL			
LN		3000	0	150
TOTALS			0	150

LN PUT		NYMEX NATURAL GAS (EURO) OPTS		
AUG18	PUT			
LN		2700	0	50
LN		2750	0	100
TOTALS			0	150

SEP18	PUT			
LN		2500	0	500
LN		2600	0	125
LN		2650	0	100
TOTALS			0	725

OCT18	PUT			
LN		2500	0	650
LN		2700	0	100
LN		2750	0	100
TOTALS			0	850

NOV18	PUT			
LN		2650	0	100
TOTALS			0	100

APR19	PUT			
LN		2000	0	2500
LN		2400	0	1250
TOTALS			0	3750

SEP19	PUT			
LN		2500	0	200
TOTALS			0	200

OCT19	PUT			
LN		2500	0	200
TOTALS			0	200

KD CALL		NYMEX ONE DAY NATURAL GAS OPTIONS		
JUL18	CALL			

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 #136@ ENERGY OPTIONS Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

KD	2750	0	50
TOTALS		0	50

NYMEX ONE DAY NATURAL GAS OPTIONS			
KD PUT JUL18	PUT		
KD	2750	0	200
TOTALS		0	200

NYMEX ONE DAY CRUDE OIL OPTIONS			
CD CALL JUL18	CALL		
CD	6800	0	50
TOTALS		0	50

BRENT EURO STYLE OPTION			
BE CALL DEC18	CALL		
BE	8500	0	3000
TOTALS		0	3000

BRENT EURO STYLE OPTION			
BE PUT DEC18	PUT		
BE	5600	0	6000
BE	6200	0	6000
TOTALS		0	12000

WTI-BRENT SPREAD OPTION			
BV CALL SEP18	CALL		
BV	-800	0	50
TOTALS		0	50

WTI-BRENT SPREAD OPTION			
BV PUT DEC18	PUT		
BV	-600	0	100
TOTALS		0	100

CRUDE OIL APO OPTIONS			
AO CALL JUL18	CALL		
AO	5430	0	3
AO	5500	0	3
AO	5750	0	3
AO	6275	0	3
TOTALS		0	12

AUG18			
AO CALL	CALL		
AO	5430	0	3
AO	5500	0	3
AO	5750	0	3
AO	6275	0	3
TOTALS		0	12

SEP18			
AO CALL	CALL		
AO	5430	0	3
AO	5500	0	3
AO	5750	0	3
AO	6275	0	3
TOTALS		0	12

OCT18			
AO CALL	CALL		
AO	5430	0	3
AO	5500	0	3
AO	5750	0	3
AO	6275	0	3
TOTALS		0	12

NOV18			
AO CALL	CALL		
AO	5430	0	3
AO	5500	0	3
AO	5750	0	3
AO	6275	0	3
TOTALS		0	12

DEC18			
AO CALL	CALL		
AO	5430	0	3
AO	5500	0	3
AO	5750	0	3
AO	6275	0	3
TOTALS		0	12

JAN19			
AO CALL	CALL		
AO	5430	0	3
AO	5500	0	3
AO	5750	0	3
AO	6275	0	3
TOTALS		0	12

FEB19			
AO CALL	CALL		
AO	5430	0	3
AO	5500	0	3
AO	5750	0	3
AO	6275	0	3
TOTALS		0	12

MAR19			
AO CALL	CALL		
AO	5430	0	3
AO	5500	0	3
AO	5750	0	3
AO	6275	0	3
TOTALS		0	12

APR19			
AO CALL	CALL		
AO	5750	0	3
AO	6275	0	3
TOTALS		0	6

CRUDE OIL APO OPTIONS			
AO PUT JUL18	PUT		
AO	4500	0	12
TOTALS		0	12

AUG18			
AO PUT	PUT		
AO	4500	0	12
AO	6500	0	100
TOTALS		0	112

SEP18			
AO PUT	PUT		
AO	4500	0	12
TOTALS		0	12

OCT18			
AO PUT	PUT		
AO	4500	0	12
TOTALS		0	12

NOV18			
AO PUT	PUT		
AO	4500	0	12
TOTALS		0	12



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

DEC18	PUT			
AO		4500	0	12
TOTALS			0	12
JAN19	PUT			
AO		4500	0	12
TOTALS			0	12
FEB19	PUT			
AO		4500	0	12
TOTALS			0	12
MAR19	PUT			
AO		4500	0	12
TOTALS			0	12
APR19	PUT			
AO		4500	0	6
TOTALS			0	6
JUN20	PUT			
AO		4100	0	8
TOTALS			0	8
JUL20	PUT			
AO		4100	0	8
TOTALS			0	8
AUG20	PUT			
AO		4100	0	8
TOTALS			0	8

7A	PUT	WTI CRUDE OIL	1 M CSO FIN	
SEP18	PUT			
7A		0	0	700
7A		50	0	350
TOTALS			0	1050
NOV18	PUT			
7A		50	0	500
TOTALS			0	500
DEC18	PUT			
7A		50	0	500
TOTALS			0	500
JAN19	PUT			
7A		0	0	1000
7A		25	0	500
TOTALS			0	1500

9C	CALL	BRENT CRUDE OIL	1 M CSO FIN	
SEP18	CALL			
9C		20	0	1000
TOTALS			0	1000

G4	CALL	NATURAL GAS	1 M CSO FIN	
MAR19	CALL			
G4		1000	0	400
TOTALS			0	400

G3	CALL	NATURAL GAS	3 M CSO FIN	
OCT18	CALL			
G3		-250	0	300
G3		-200	0	450
TOTALS			0	750

E7	CALL	HENRY HUB FINANCIAL	LAST DAY O	
AUG18	CALL			
E7		300	0	6
TOTALS			0	6
SEP18	CALL			
E7		300	0	5
TOTALS			0	5
OCT18	CALL			
E7		300	0	1
TOTALS			0	1
NOV18	CALL			
E7		325	0	5
TOTALS			0	5
DEC18	CALL			
E7		325	0	4
TOTALS			0	4
JAN19	CALL			
E7		325	0	5
TOTALS			0	5
FEB19	CALL			
E7		325	0	5
TOTALS			0	5
MAR19	CALL			
E7		325	0	7
TOTALS			0	7
APR19	CALL			
E7		275	0	1
TOTALS			0	1
MAY19	CALL			
E7		275	0	4
TOTALS			0	4
JUN19	CALL			
E7		275	0	5
TOTALS			0	5
JUL19	CALL			
E7		275	0	6
TOTALS			0	6
AUG19	CALL			
E7		275	0	5
TOTALS			0	5
SEP19	CALL			
E7		275	0	3
TOTALS			0	3
OCT19	CALL			
E7		275	0	2
TOTALS			0	2
NOV19	CALL			
E7		300	0	4



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

TOTALS			0	4
DEC19 CALL				
E7	300		0	3
TOTALS			0	3
JAN20 CALL				
E7	300		0	4
TOTALS			0	4
FEB20 CALL				
E7	300		0	4
TOTALS			0	4
MAR20 CALL				
E7	300		0	4
TOTALS			0	4
APR20 CALL				
E7	275		0	3
TOTALS			0	3
MAY20 CALL				
E7	275		0	4
TOTALS			0	4
JUN20 CALL				
E7	275		0	4
TOTALS			0	4
JUL20 CALL				
E7	275		0	4
TOTALS			0	4

E7 PUT HENRY HUB FINANCIAL LAST DAY 0

FEB19 PUT				
E7	200		0	2
TOTALS			0	2
MAR19 PUT				
E7	200		0	2
TOTALS			0	2
MAY19 PUT				
E7	200		0	1
TOTALS			0	1
JUN19 PUT				
E7	200		0	2
TOTALS			0	2
JUL19 PUT				
E7	200		0	2
TOTALS			0	2

4H CALL MT BELVIEU PROPANE 5-DCML (OPIS)

AUG18 CALL				
4H	8800		0	2
TOTALS			0	2
SEP18 CALL				
4H	8800		0	3
TOTALS			0	3
OCT18 CALL				
4H	8800		0	2
TOTALS			0	2
NOV18 CALL				
4H	8800		0	2
TOTALS			0	2
DEC18 CALL				
4H	8800		0	1
TOTALS			0	1
MAR19 CALL				
4H	8800		0	1
TOTALS			0	1
APR19 CALL				
4H	8800		0	2
TOTALS			0	2
MAY19 CALL				
4H	8800		0	2
TOTALS			0	2
JUN19 CALL				
4H	8800		0	2
TOTALS			0	2

4H PUT MT BELVIEU PROPANE 5-DCML (OPIS)

AUG18 PUT				
4H	8300		0	2
TOTALS			0	2
SEP18 PUT				
4H	8300		0	3
TOTALS			0	3
OCT18 PUT				
4H	8300		0	2
TOTALS			0	2
NOV18 PUT				
4H	8300		0	2
TOTALS			0	2
DEC18 PUT				
4H	8300		0	1
TOTALS			0	1
MAR19 PUT				
4H	8300		0	1
TOTALS			0	1
APR19 PUT				
4H	8300		0	2
TOTALS			0	2
MAY19 PUT				
4H	8300		0	2
TOTALS			0	2
JUN19 PUT				
4H	8300		0	2
TOTALS			0	2

BZO CALL BRENT CRUDE OIL FUT MARGIN OPT

SEP18 CALL				
BZO	7200		0	50



PG63 BULLETIN #136@

ENERGY OPTIONS

Tue, Jul 17, 2018 PG63

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

PRICE INDICATOR KEY

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

BZO	7700	0	200
TOTALS		0	250

DEC18	CALL		
BZO	7200	0	50
BZO	8000	0	200
BZO	8500	0	250
TOTALS		0	500

BZO PUT	BRENT CRUDE OIL FUT MARGIN OPT		
SEP18	PUT		
BZO	7200	0	50
TOTALS		0	50
DEC18	PUT		
BZO	6000	0	250
BZO	7200	0	50
TOTALS		0	300