

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

THE CME GROUP DAILY BULLETIN ONLY DISPLAYS THOSE PRODUCTS/CONTRACT MONTHS THAT HAVE VOLUME AND/OR OPEN INTEREST. VOLUME INCLUDES GLOBEX (ELECTRONIC) 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 CLEARED 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.

CORE FUTURES PRODUCTS

GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST				
CL	FUT	NYMEX CRUDE OIL (PHYSICAL)										
SEP16		39.70	41.20	/39.19	40.83	+	1.32	646254	8932	555132	+	19725
OCT16		40.49	41.94	/39.96	41.58	+	1.28	171738	4493	200769	+	3881
NOV16		41.33	42.71	/40.77	42.35	+	1.23	63561	150	131279	+	5200
DEC16		42.15	43.45	/41.58	43.11	+	1.19	68992	1176	251510	+	3176
JAN17		42.79	44.09	/42.34	43.77	+	1.15	14216	400	85906	+	1753
FEB17		43.37	44.61	/42.99	44.32	+	1.11	6193	----	41072	+	324
MAR17		43.88	45.07	/43.42	44.79	+	1.07	9081	380	78869	+	689
APR17		44.32	45.31B/44.24A		45.19	+	1.04	5103	----	23767	-	115
MAY17		44.58	45.77	/44.51	45.54	+	1.02	3405	----	21916	+	1215
JUN17		45.04	46.14	/44.53A	45.84	+	1.00	14164	1132	81218	+	286
JUL17		45.19	46.21B/44.97		46.11	+	0.98	2778	----	16792	-	64
AUG17		45.50	46.57	/45.34A	46.36	+	0.96	1817	----	15435	+	197
SEP17		----	46.45B		46.62	+	0.95	2504	----	33414	+	182
OCT17		----	46.70B		46.88	+	0.94	508	----	11470	+	32
NOV17		----	47.02B		47.14	+	0.92	356	----	12119	+	13
DEC17		46.62	47.70	/46.17	47.41	+	0.91	22101	658	145718	+	2040
JAN18		46.89	47.63B/46.59		47.61	+	0.90	214	200	12869	-	185
FEB18		46.69	47.42B/46.64		47.80	+	0.89	142	----	4686	+	26
MAR18		----	47.47B		47.98	+	0.88	194	----	12374	-	25
APR18		----	47.82B		48.18	+	0.87	13	----	1621	+	1
MAY18		----	47.85B		48.38	+	0.86	2	----	1944	UNCH	
JUN18		47.90	48.83	/47.51	48.58	+	0.85	2618	----	22157	+	960
JUL18		----	48.45B		48.73	+	0.84	----	----	1779	UNCH	
AUG18		----	48.57B		48.88	+	0.82	----	----	1191	UNCH	
SEP18		----	48.72B		49.04	+	0.80	----	----	5081	UNCH	
OCT18		----	----		49.22	+	0.79	----	----	504	UNCH	
NOV18		----	----		49.40	+	0.77	----	----	1140	UNCH	
DEC18		48.79	49.85	/48.52	49.60	+	0.76	3270	172	38312	-	203
JAN19		----	----		49.70	+	0.75	----	----	842	UNCH	
FEB19		----	----		49.80	+	0.74	----	----	90	UNCH	
MAR19		----	----		49.91	+	0.73	----	----	1256	UNCH	
APR19		----	----		50.02	+	0.71	----	----	4	UNCH	
MAY19		----	----		50.15	+	0.69	----	----	4	UNCH	
JUN19		50.28	50.28	/50.28	50.30	+	0.68	84	----	2029	+	20
JUL19		----	----		50.37	+	0.67	----	----	5	UNCH	
AUG19		----	----		50.47	+	0.66	----	----	4	UNCH	
SEP19		----	----		50.60	+	0.65	----	----	75	UNCH	
OCT19		----	----		50.74	+	0.64	----	----	5	UNCH	
NOV19		----	----		50.89	+	0.62	----	----	104	UNCH	
DEC19		50.45	51.06	/50.44A	51.06	+	0.61	748	819	12440	+	821
DEC20		----	52.07B		52.24	+	0.47	31	----	4571	+	6
DEC21		----	----		53.23	+	0.47	----	----	798	UNCH	
DEC22		----	----		54.13	+	0.47	----	----	268	UNCH	
DEC23		----	----		54.95	+	0.47	----	----	51	UNCH	
DEC24		----	----		55.28	+	0.47	----	----	5	UNCH	
TOTAL	CL FUT							1040087	18512	1832595	+	39955

HO	FUT	NYMEX HEATING OIL (PHYSICAL)										
AUG16		-----	-----	1.2760	UNCH	-----	-----	0	UNCH			
SEP16		1.2658	1.2979	/1.2561	1.2875	+	0.0285	69369	5491	104371	-	2216
OCT16		1.2853	1.3192	/1.2792	1.3102	+	0.0277	43415	1344	61714	+	257
NOV16		1.3079	1.3398	/1.2995	1.3317	+	0.0287	24944	887	43273	+	1218
DEC16		1.3263	1.3585	/1.3177	1.3507	+	0.0291	19030	2024	53691	-	1204
JAN17		1.3434	1.3781	/1.3390	1.3701	+	0.0286	5058	100	29012	+	138
FEB17		1.3521	1.3870	/1.3521	1.3829	+	0.0279	2176	-----	14074	+	157
MAR17		1.3625	1.3933	/1.3625	1.3888	+	0.0271	1464	100	15555	+	164
APR17		1.3700	1.3926	/1.3700	1.3886	+	0.0266	522	-----	8255	+	48
MAY17		1.3770	1.3984	/1.3770	1.3937	+	0.0257	418	-----	4023	-	11
JUN17		1.3879	1.4090B	/1.3739A	1.4017	+	0.0249	2367	584	20391	+	61
JUL17		1.3997	1.4050	/1.3997	1.4120	+	0.0242	146	-----	2880	+	3
AUG17		1.4127	1.4127	/1.4127	1.4235	+	0.0237	189	50	1763	-	64
SEP17		1.4250	1.4400	/1.4250	1.4361	+	0.0231	194	-----	1904	+	38
OCT17		-----	1.4369B		1.4485	+	0.0224	153	50	1683	-	45
NOV17		-----	1.4503B		1.4603	+	0.0218	107	50	1791	+	9
DEC17		1.4650	1.4760B	/1.4471A	1.4709	+	0.0212	1205	1180	21788	+	1124
JAN18		-----	1.4691B		1.4819	+	0.0206	32	-----	1939	+	21
FEB18		-----	1.4746B		1.4871	+	0.0206	10	-----	217	+	10
MAR18		-----	1.4736B		1.4866	+	0.0206	20	-----	151	+	3
APR18		-----	1.4684B		1.4824	+	0.0209	20	-----	151	+	20
MAY18		-----	1.4722B		1.4869	+	0.0214	4	-----	91	UNCH	
JUN18		1.4888	1.4928	/1.4888	1.4934	+	0.0217	35	-----	1336	-	8
JUL18		-----	1.4908B		1.5044	+	0.0217	-----	-----	54	UNCH	
AUG18		-----	1.4955B		1.5169	+	0.0217	-----	-----	46	UNCH	
SEP18		-----	-----		1.5309	+	0.0217	-----	-----	45	UNCH	
OCT18		-----	-----		1.5434	+	0.0212	-----	-----	42	UNCH	
NOV18		-----	-----		1.5549	+	0.0207	-----	-----	48	UNCH	
DEC18		1.5591	1.5647B	/1.5568A	1.5654	+	0.0207	124	35	2238	+	128
JAN19		-----	-----		1.5734	+	0.0207	-----	-----	218	UNCH	
FEB19		-----	-----		1.5784	+	0.0207	-----	-----	7	UNCH	
MAR19		-----	-----		1.5774	+	0.0207	-----	-----	5	UNCH	
APR19		-----	-----		1.5729	+	0.0207	-----	-----	5	UNCH	
MAY19		-----	-----		1.5779	+	0.0207	-----	-----	4	UNCH	
JUN19		-----	-----		1.5859	+	0.0207	-----	-----	6	UNCH	
JUL19		-----	-----		1.5949	+	0.0207	-----	-----	2	UNCH	
AUG19		-----	-----		1.6044	+	0.0207	-----	-----	2	UNCH	
SEP19		-----	-----		1.6144	+	0.0207	-----	-----	1	UNCH	
DEC19		-----	-----		1.6364	+	0.0207	-----	-----	284	UNCH	
TOTAL	HO FUT							171002	11895	393060	-	149

RB	FUT	NYMEX NY HARBOR GAS (RBOB) (PHY)										
AUG16		-----	-----	1.3210	UNCH	-----	-----	0	UNCH			
SEP16		1.3103	1.3534	/1.2967	1.3499	+	0.0383	68273	12003	130729	-	1990
OCT16		1.2111	1.2579	/1.2029	1.2536	+	0.0392	46079	1173	72101	+	4363
NOV16		1.2025	1.2415B	/1.1901	1.2377	+	0.0377	21680	314	46679	+	2671
DEC16		1.1964	1.2328	/1.1839	1.2283	+	0.0358	17169	997	49351	+	889

GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT.	PRICE CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
RB FUT	NYMEX NY HARBOR GAS (RBOB) (PHY)								
JAN17	1.1972	1.2384	/1.1905	1.2345	+ 0.0357	5018	114	20319	+
FEB17	1.2164	1.2518	/1.2065A	1.2496	+ 0.0351	1776	----	6506	+
MAR17	1.2417	1.2767	/1.2320	1.2748	+ 0.0347	2433	25	15184	+
APR17	1.4318	1.4710	/1.4261A	1.4673	+ 0.0340	1158	575	13291	+
MAY17	1.4456	1.4783	/1.4386	1.4765	+ 0.0326	608	----	5184	-
JUN17	1.4376	1.4787B/1.4371A		1.4741	+ 0.0313	1859	250	10681	+
JUL17	1.4539	1.4539	/1.4539	1.4655	+ 0.0302	195	----	2328	+
AUG17	----	----		1.4518	+ 0.0292	152	----	1732	+
SEP17	1.4312	1.4312	/1.4020A	1.4311	+ 0.0282	158	500	4789	+
OCT17	----	1.3024B		1.3112	+ 0.0274	111	----	826	+
NOV17	----	1.2781B		1.2884	+ 0.0264	130	----	1017	-
DEC17	1.2500	1.2783B/1.2445		1.2751	+ 0.0261	757	475	11958	-
JAN18	----	1.2693B		1.2802	+ 0.0258	----	----	1587	UNCH
FEB18	----	1.2936B		1.2985	+ 0.0261	----	----	218	UNCH
MAR18	----	1.3080B		1.3235	+ 0.0266	----	----	380	UNCH
APR18	----	1.5154B		1.5340	+ 0.0276	----	----	710	UNCH
MAY18	----	1.5268B		1.5460	+ 0.0280	----	----	223	UNCH
JUN18	----	1.5361B		1.5505	+ 0.0280	----	100	964	UNCH
JUL18	----	1.5172B		1.5415	+ 0.0275	----	----	88	UNCH
AUG18	----	----		1.5275	+ 0.0270	----	----	56	UNCH
SEP18	----	----		1.5065	+ 0.0265	----	----	49	UNCH
OCT18	----	----		1.3770	+ 0.0260	----	----	194	UNCH
NOV18	----	----		1.3525	+ 0.0255	----	----	78	UNCH
DEC18	----	1.3278B		1.3380	+ 0.0250	12	100	1419	-
JAN19	----	----		1.3456	+ 0.0250	----	----	12	UNCH
FEB19	----	----		1.3606	+ 0.0250	----	----	6	UNCH
MAR19	----	----		1.3866	+ 0.0250	----	----	6	UNCH
APR19	----	----		1.6106	+ 0.0250	----	----	6	UNCH
MAY19	----	----		1.6166	+ 0.0250	----	----	6	UNCH
JUN19	----	----		1.6111	+ 0.0250	----	100	7	-
JUL19	----	----		1.5976	+ 0.0250	----	----	1	UNCH
DEC19	----	----		1.3986	+ 0.0250	----	----	6	UNCH
TOTAL	RB FUT					167568	16726	398691	+
NG FUT	NATURAL GAS HENRY HUB (PHYSICAL)								
SEP16	2.734	2.866	/2.722	2.839	+ 0.106	155323	381	254762	-
OCT16	2.781	2.905	/2.774	2.881	+ 0.098	59505	2000	133968	+
NOV16	2.942	3.054	/2.935	3.034	+ 0.091	46404	300	101531	-
DEC16	3.194	3.288	/3.190	3.276	+ 0.077	21980	400	57726	+
JAN17	3.308	3.401	/3.308	3.392	+ 0.077	32699	66	117332	+
FEB17	3.311	3.385	/3.300	3.378	+ 0.074	6663	16	33153	+
MAR17	3.252	3.333	/3.252	3.328	+ 0.069	12122	216	68755	+
APR17	3.018	3.075	/3.015A	3.072	+ 0.052	12642	1216	58917	+
MAY17	3.007	3.044	/2.994A	3.043	+ 0.045	5063	16	22186	+
JUN17	3.043	3.074	/3.029A	3.074	+ 0.041	2496	16	21378	+
JUL17	3.076	3.104	/3.062A	3.103	+ 0.039	3566	16	14248	+
AUG17	3.081	3.111	/3.068A	3.111	+ 0.037	3093	16	15238	+
SEP17	3.050	3.091	/3.049	3.090	+ 0.035	6222	16	12581	+
OCT17	3.078	3.111	/3.072	3.109	+ 0.034	5685	16	24005	+
NOV17	3.135	3.164	/3.127A	3.162	+ 0.032	2567	16	11462	+
DEC17	3.268	3.295	/3.258	3.292	+ 0.030	1416	16	15042	+
JAN18	3.365	3.393	/3.362	3.391	+ 0.029	2093	----	12110	+
FEB18	3.333	3.333	/3.325	3.353	+ 0.027	965	----	3208	+
MAR18	3.240	3.260	/3.235	3.263	+ 0.025	1215	----	7677	+
APR18	2.860	2.862	/2.848	2.876	+ 0.014	215	----	8469	+
MAY18	2.809	2.820	/2.809	2.837	+ 0.013	51	----	1551	+
JUN18	----	2.855B/2.840A		2.863	+ 0.013	----	----	1612	UNCH
JUL18	----	2.865A		2.893	+ 0.013	26	----	1467	+
AUG18	----	----		2.901	+ 0.013	26	----	1454	UNCH
SEP18	2.858	2.860	/2.858	2.883	+ 0.012	50	----	846	+
OCT18	2.880	2.880	/2.880	2.908	+ 0.012	272	----	2274	-
NOV18	2.950	2.950	/2.947A	2.971	+ 0.012	242	----	1215	+
DEC18	3.104	3.104	/3.104	3.113	+ 0.009	70	----	2228	UNCH
JAN19	----	----		3.228	+ 0.009	----	----	772	UNCH
FEB19	----	----		3.196	+ 0.010	----	----	447	UNCH
MAR19	----	----		3.131	+ 0.012	----	----	355	UNCH
APR19	----	----		2.851	+ 0.002	----	----	416	UNCH
MAY19	2.840	2.840	/2.825	2.840	+ 0.002	5	----	295	+
JUN19	----	----		2.869	+ 0.002	----	----	277	UNCH
JUL19	----	----		2.904	+ 0.002	----	----	320	UNCH
AUG19	----	----		2.917	+ 0.002	----	----	390	UNCH
SEP19	----	----		2.903	+ 0.002	----	----	267	UNCH
OCT19	----	----		2.920	+ 0.002	----	----	266	UNCH
NOV19	----	----		2.991	+ 0.002	----	----	264	UNCH
DEC19	----	----		3.137	+ 0.002	----	----	366	UNCH
JAN20	3.240	3.240	/3.240	3.259	+ 0.002	1	----	374	+
FEB20	----	----		3.226	+ 0.002	----	----	181	UNCH
MAR20	----	----		3.160	+ 0.002	----	----	122	UNCH
APR20	----	----		2.890	+ 0.002	----	----	199	UNCH
MAY20	----	----		2.883	+ 0.002	----	----	84	UNCH
JUN20	----	----		2.915	+ 0.002	----	----	91	UNCH
JUL20	----	----		2.952	+ 0.002	----	----	157	UNCH
AUG20	----	----		2.980	+ 0.002	----	----	89	UNCH
SEP20	----	----		2.981	+ 0.002	----	----	94	UNCH
OCT20	----	----		3.011	+ 0.002	----	----	76	UNCH
NOV20	----	----		3.084	+ 0.002	----	----	76	UNCH
DEC20	----	----		3.232	+ 0.002	----	----	474	UNCH
JAN21	----	----		3.367	+ 0.002	----	----	54	UNCH
FEB21	----	----		3.337	+ 0.002	----	----	54	UNCH
MAR21	----	----		3.272	+ 0.002	----	----	54	UNCH
APR21	----	----		3.007	+ 0.002	----	----	54	UNCH
MAY21	----	----		3.002	+ 0.002	----	----	55	UNCH
JUN21	----	----		3.034	+ 0.002	----	----	54	UNCH
JUL21	----	----		3.071	+ 0.002	----	----	54	UNCH
AUG21	----	----		3.105	+ 0.002	----	----	54	UNCH
SEP21	----	----		3.108	+ 0.002	----	----	54	UNCH
OCT21	----	----		3.144	+ 0.002	----	----	54	UNCH
NOV21	----	----		3.224	+ 0.003	----	----	54	UNCH
DEC21	----	----		3.378	+ 0.007	----	----	54	UNCH
JAN22	----	----		3.527	+ 0.011	----	----	2	UNCH
FEB22	----	----		3.502	+ 0.011	----	----	2	UNCH
MAR22	----	----		3.439	+ 0.011	----	----	3	UNCH
APR22	----	----		3.174	+ 0.006	----	----	7	UNCH
MAY22	----	----		3.169	+ 0.006	----	----	3	UNCH
JUN22	----	----		3.201	+ 0.006	----	----	2	UNCH
JUL22	----	----		3.239	+ 0.006	----	----	3	UNCH
AUG22	----	----		3.275	+ 0.006	----	----	3	UNCH

GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
NG FUT	NATURAL GAS HENRY HUB (PHYSICAL)								
SEP22	----	----		3.280	+ 0.006	----	----	2	UNCH
OCT22	----	----		3.320	+ 0.006	----	----	2	UNCH
NOV22	----	----		3.400	+ 0.007	----	----	2	UNCH
DEC22	----	----		3.554	+ 0.011	----	----	2	UNCH
JAN23	----	----		3.701	+ 0.014	----	----	2	UNCH
MAY23	----	----		3.339	- 0.001	----	----	1	UNCH
OCT23	----	----		3.499	- 0.001	----	----	4	UNCH
MAY24	----	----		3.520	UNCH	----	----	2	UNCH
OCT24	----	----		3.694	UNCH	----	----	8	UNCH
TOTAL	NG FUT					382677	4723	1013546	+ 4568
BZ FUT	NYMEX BRENT OIL LAST DAY FUTURES								
OCT16	41.94	43.44 /41.50		43.10	+ 1.30	29648	352	24193	+ 403
NOV16	42.32	43.81B/41.90		43.48	+ 1.25	13665	----	18442	+ 539
DEC16	42.85	44.26B/42.45		44.03	+ 1.22	12189	----	35527	+ 177
JAN17	43.75	44.66B/43.21A		44.49	+ 1.17	6151	----	12768	+ 222
FEB17	44.50	44.50 /44.30		44.95	+ 1.14	6501	----	6688	- 142
MAR17	44.45	45.51B/44.39A		45.40	+ 1.11	4872	----	4966	- 50
APR17	44.91	44.95 /44.90		45.81	+ 1.07	3042	----	2490	+ 118
MAY17	45.90	45.90 /45.90		46.20	+ 1.05	1403	----	3769	+ 17
JUN17	45.65	46.42 /45.63		46.55	+ 1.03	1751	----	6172	+ 13
JUL17	----	----		46.91	+ 1.01	815	----	2000	- 24
AUG17	----	----		47.24	+ 0.98	843	----	1612	+ 77
SEP17	----	----		47.54	+ 0.95	267	94	1504	+ 80
OCT17	----	----		47.83	+ 0.93	37	----	590	UNCH
NOV17	----	----		48.10	+ 0.91	20	----	1173	+ 1
DEC17	47.22	48.48 /47.22		48.34	+ 0.88	555	----	11612	+ 53
JAN18	----	----		48.61	+ 0.86	----	----	363	UNCH
FEB18	----	----		48.89	+ 0.84	----	----	328	UNCH
MAR18	----	----		49.16	+ 0.82	14	----	444	+ 10
APR18	----	----		49.44	+ 0.80	----	----	211	UNCH
MAY18	----	----		49.74	+ 0.78	----	----	255	UNCH
JUN18	----	----		50.00	+ 0.76	9	----	1272	- 4
JUL18	----	----		50.27	+ 0.75	----	----	213	UNCH
AUG18	----	----		50.48	+ 0.74	----	----	361	UNCH
SEP18	----	----		50.67	+ 0.73	----	----	361	UNCH
OCT18	----	----		50.83	+ 0.71	----	----	360	UNCH
NOV18	----	----		50.98	+ 0.69	----	----	361	UNCH
DEC18	50.39	50.39 /50.39		51.11	+ 0.67	73	----	3570	- 4
JAN19	----	----		51.32	+ 0.66	----	----	350	UNCH
FEB19	----	----		51.52	+ 0.64	----	----	305	UNCH
MAR19	----	----		51.72	+ 0.62	----	----	200	UNCH
APR19	----	----		51.99	+ 0.60	----	----	200	UNCH
MAY19	----	----		52.23	+ 0.58	----	----	200	UNCH
JUN19	----	----		52.41	+ 0.57	----	----	208	UNCH
JUL19	----	----		52.57	+ 0.56	----	----	200	UNCH
AUG19	----	----		52.73	+ 0.55	----	----	200	UNCH
SEP19	----	----		52.89	+ 0.54	----	----	200	UNCH
OCT19	----	----		53.04	+ 0.53	----	----	200	UNCH
NOV19	----	----		53.19	+ 0.51	----	----	200	UNCH
DEC19	----	----		53.31	+ 0.50	----	----	526	UNCH
JUN20	----	----		54.36	+ 0.42	----	----	6	UNCH
DEC20	----	----		55.21	+ 0.34	----	----	31	UNCH
TOTAL	BZ FUT					81855	446	144631	+ 1486
7F FUT	EUROPEAN GASOIL ICE FUTURE								
AUG16	----	----		363.50	+ 6.25	12	----	511	- 8
SEP16	369.55	375.25B/363.30A		369.75	+ 5.75	39	----	537	UNCH
OCT16	377.70	381.35B/371.15A		377.25	+ 5.25	11	----	500	+ 2
NOV16	382.60	385.50B/375.75A		381.75	+ 5.00	15	----	359	+ 8
DEC16	----	----		386.00	+ 5.00	8	----	422	+ 6
JAN17	----	----		391.00	+ 5.00	4	----	254	UNCH
FEB17	----	----		395.75	+ 4.75	----	----	80	UNCH
MAR17	----	----		400.00	+ 5.00	----	----	692	UNCH
APR17	----	----		403.50	+ 5.00	----	----	183	UNCH
MAY17	----	----		406.75	+ 4.75	----	----	445	UNCH
JUN17	----	----		410.25	+ 4.75	----	----	627	UNCH
JUL17	----	----		414.75	+ 4.75	----	----	30	UNCH
AUG17	----	----		418.75	+ 5.00	----	----	20	UNCH
TOTAL	7F FUT					89		4660	+ 8
QM FUT	E-MINI CRUDE OIL FUTURES								
SEP16	39.725	41.175 /39.250		40.830	+ 1.320	13529	----	2905	+ 31
OCT16	40.575	41.950 /40.050		41.580	+ 1.280	441	----	1015	+ 56
NOV16	41.325	42.450 /40.850		42.350	+ 1.230	42	----	82	+ 1
DEC16	42.150	43.450 /41.700		43.110	+ 1.190	24	----	714	- 3
JAN17	42.675	44.000 /42.675		43.770	+ 1.150	11	----	22	UNCH
FEB17	----	44.200B		44.320	+ 1.110	1	----	13	UNCH
MAR17	43.925	44.375B/43.925		44.790	+ 1.070	1	----	13	UNCH
APR17	----	44.750B		45.190	+ 1.040	----	----	2	UNCH
MAY17	----	45.000B		45.540	+ 1.020	----	----	1	UNCH
JUN17	----	45.375B		45.840	+ 1.000	----	----	17	UNCH
DEC17	47.400	47.400 /47.400		47.410	+ 0.910	1	----	86	- 1
JUN18	----	----		48.580	+ 0.850	----	----	1	UNCH
DEC18	----	49.725B		49.600	+ 0.760	----	----	51	UNCH
FEB19	----	----		49.800	+ 0.740	----	----	1	UNCH
JUN19	----	----		50.300	+ 0.680	----	----	1	UNCH
DEC19	----	----		51.060	+ 0.610	----	----	13	UNCH
DEC20	----	----		52.240	+ 0.470	----	----	6	UNCH
DEC21	----	----		53.230	+ 0.470	----	----	1	UNCH
TOTAL	QM FUT					14050		4944	+ 84
QH FUT	E-MINI HEATING OIL FUTURES								
SEP16	----	----		1.2875	+ 0.0285	----	----	3	UNCH
TOTAL	QH FUT							3	
QU FUT	E-MINI GASOLINE FUTURES								
SEP16	----	----		1.3499	+ 0.0383	----	----	2	UNCH
TOTAL	QU FUT							2	
QG FUT	E-MINI NATURAL GAS								
SEP16	2.735	2.865 /2.725		2.839	+ 0.106	965	----	1500	+ 175
OCT16	2.780	2.900 /2.775		2.881	+ 0.098	52	----	474	+ 1
NOV16	2.990	3.050B/2.940A		3.034	+ 0.091	3	----	105	+ 1
DEC16	3.280	3.290 /3.195A		3.276	+ 0.077	3	----	67	+ 1
JAN17	3.395	3.395 /3.310A		3.392	+ 0.077	1	----	373	UNCH
FEB17	----	----		3.378	+ 0.074	----	----	25	UNCH



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GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
QG FUT	E-MINI NATURAL GAS							
MAR17	----	----	3.328	+ 0.069	----	----	61	UNCH
APR17	3.060	3.060 /3.060	3.072	+ 0.052	1	----	50	UNCH
MAY17	----	----	3.043	+ 0.045	----	----	47	UNCH
JUN17	----	----	3.074	+ 0.041	----	----	42	UNCH
JUL17	----	----	3.103	+ 0.039	----	----	62	UNCH
AUG17	----	----	3.111	+ 0.037	----	----	26	UNCH
SEP17	----	----	3.090	+ 0.035	----	----	7	UNCH
OCT17	----	----	3.109	+ 0.034	----	----	10	UNCH
JAN18	----	----	3.391	+ 0.029	----	----	13	UNCH
FEB18	----	----	3.353	+ 0.027	----	----	3	UNCH
APR18	----	----	2.876	+ 0.014	----	----	4	UNCH
MAY19	----	----	2.840	+ 0.002	----	----	1	UNCH
TOTAL	QG FUT				1025		2870 +	178

CRUDE OIL FUTURES PRODUCTS

GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
E5 FUT	ARGUS LLS VS. WTI (ARG) TRD M								
SEP16	----	----	1.62	-	0.07	----	----	4481	UNCH
OCT16	----	----	1.53		UNCH	----	----	2565	UNCH
NOV16	----	----	1.48		UNCH	----	----	1135	UNCH
DEC16	----	----	1.43	-	0.02	----	----	2059	UNCH
JAN17	----	----	1.43	-	0.02	----	----	645	UNCH
FEB17	----	----	1.43	-	0.02	----	----	435	UNCH
MAR17	----	----	1.43	-	0.02	----	----	435	UNCH
APR17	----	----	1.43	-	0.02	----	----	155	UNCH
MAY17	----	----	1.43	-	0.02	----	----	155	UNCH
JUN17	----	----	1.43	-	0.02	----	----	155	UNCH
JUL17	----	----	1.44	-	0.02	----	----	120	UNCH
AUG17	----	----	1.44	-	0.02	----	----	120	UNCH
SEP17	----	----	1.44	-	0.02	----	----	120	UNCH
OCT17	----	----	1.46	-	0.02	----	----	40	UNCH
NOV17	----	----	1.46	-	0.02	----	----	40	UNCH
DEC17	----	----	1.46	-	0.02	----	----	40	UNCH
TOTAL	E5 FUT							12700	
J9 FUT	BRENT BALMO								
15JUL16	----	----	45.416		UNCH	----	----	0 -	25
19JUL16	----	----	45.001		UNCH	----	----	0 -	15
02AUG16	----	----	43.058	+	1.238	----	----	75	UNCH
TOTAL	J9 FUT							75 -	40
CY FUT	BRENT CALENDAR								
AUG16	----	----	43.02	+	1.19	----	----	1223	UNCH
SEP16	----	----	43.51	+	1.25	----	----	1268	UNCH
OCT16	----	----	44.05	+	1.22	----	----	742	UNCH
NOV16	----	----	44.51	+	1.17	----	----	742	UNCH
DEC16	----	----	44.99	+	1.13	----	----	2342	UNCH
JAN17	----	----	45.42	+	1.11	----	----	462	UNCH
FEB17	----	----	45.83	+	1.07	----	----	462	UNCH
MAR17	----	----	46.22	+	1.05	----	----	462	UNCH
APR17	----	----	46.57	+	1.03	----	----	400	UNCH
MAY17	----	----	46.92	+	1.00	----	----	400	UNCH
JUN17	----	----	47.25	+	0.97	----	----	400	UNCH
JUL17	----	----	47.55	+	0.95	----	----	328	UNCH
AUG17	----	----	47.84	+	0.93	----	----	328	UNCH
SEP17	----	----	48.11	+	0.91	----	----	328	UNCH
OCT17	----	----	48.35	+	0.88	----	----	457	UNCH
NOV17	----	----	48.62	+	0.86	----	----	457	UNCH
DEC17	----	----	48.92	+	0.84	----	----	557	UNCH
JAN18	----	----	49.17	+	0.82	----	----	139	UNCH
FEB18	----	----	49.46	+	0.80	----	----	139	UNCH
MAR18	----	----	49.75	+	0.78	----	----	139	UNCH
APR18	----	----	50.01	+	0.76	----	----	193	UNCH
MAY18	----	----	50.28	+	0.75	----	----	193	UNCH
JUN18	----	----	50.49	+	0.74	----	----	193	UNCH
JUL18	----	----	50.68	+	0.73	----	----	199	UNCH
AUG18	----	----	50.84	+	0.71	----	----	199	UNCH
SEP18	----	----	50.99	+	0.69	----	----	199	UNCH
OCT18	----	----	51.12	+	0.67	----	----	337	UNCH
NOV18	----	----	51.33	+	0.66	----	----	337	UNCH
DEC18	----	----	51.54	+	0.64	----	----	437	UNCH
JAN19	----	----	51.73	+	0.62	----	----	105	UNCH
FEB19	----	----	52.00	+	0.60	----	----	105	UNCH
MAR19	----	----	52.24	+	0.58	----	----	105	UNCH
APR19	----	----	52.42	+	0.57	----	----	187	UNCH
MAY19	----	----	52.58	+	0.56	----	----	187	UNCH
JUN19	----	----	52.74	+	0.55	----	----	187	UNCH
JUL19	----	----	52.90	+	0.54	----	----	105	UNCH
AUG19	----	----	53.05	+	0.53	----	----	105	UNCH
SEP19	----	----	53.20	+	0.51	----	----	105	UNCH
OCT19	----	----	53.32	+	0.50	----	----	105	UNCH
NOV19	----	----	53.50	+	0.49	----	----	105	UNCH
DEC19	----	----	53.69	+	0.48	----	----	205	UNCH
JAN20	----	----	53.86	+	0.47	----	----	45	UNCH
FEB20	----	----	54.03	+	0.45	----	----	45	UNCH
MAR20	----	----	54.20	+	0.43	----	----	45	UNCH
APR20	----	----	54.37	+	0.42	----	----	95	UNCH
MAY20	----	----	54.51	+	0.40	----	----	95	UNCH
JUN20	----	----	54.65	+	0.39	----	----	95	UNCH
JUL20	----	----	54.78	+	0.38	----	----	45	UNCH
AUG20	----	----	54.92	+	0.35	----	----	45	UNCH
SEP20	----	----	55.07	+	0.35	----	----	45	UNCH
OCT20	----	----	55.22	+	0.34	----	----	45	UNCH
NOV20	----	----	55.36	+	0.34	----	----	45	UNCH
DEC20	----	----	55.50	+	0.34	----	----	45	UNCH
TOTAL	CY FUT							16358	
WCC FUT	CANADIAN HEAVY CRUDE(NET ENRGY) FUT								



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PRELIMINARY



PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016 PG61		
	GLOBAL	OPEN	GLOBAL	SETT.	PRICE	GLOBAL	PNT/PIT	OPEN	
			HIGH/LOW	& PT.	CHGE	VOLUME	VOLUME	INTEREST	
SEP16	----		----	-14.797	+	0.009	----	----	1412 UNCH
OCT16	----		----	-14.850	+	0.050	----	75	1373 UNCH
NOV16	----		----	-14.850	+	0.050	----	75	1402 UNCH
DEC16	----		----	-14.850	+	0.050	----	75	1403 UNCH
JAN17	----		----	-14.900		UNCH	----	----	610 UNCH
FEB17	----		----	-14.850		UNCH	----	----	610 UNCH
MAR17	----		----	-14.800		UNCH	----	----	610 UNCH
APR17	----		----	-14.550		UNCH	----	----	455 UNCH
MAY17	----		----	-14.450		UNCH	----	----	455 UNCH
JUN17	----		----	-14.350		UNCH	----	----	455 UNCH
JUL17	----		----	-14.150		UNCH	----	----	470 UNCH
AUG17	----		----	-14.550		UNCH	----	----	470 UNCH
SEP17	----		----	-14.650		UNCH	----	----	470 UNCH
OCT17	----		----	-14.800		UNCH	----	----	470 UNCH
NOV17	----		----	-14.850		UNCH	----	----	470 UNCH
DEC17	----		----	-14.900		UNCH	----	----	470 UNCH
JAN18	----		----	-15.450		UNCH	----	----	30 UNCH
FEB18	----		----	-15.350		UNCH	----	----	30 UNCH
MAR18	----		----	-15.250		UNCH	----	----	30 UNCH
APR18	----		----	-15.150		UNCH	----	----	30 UNCH
MAY18	----		----	-15.050		UNCH	----	----	30 UNCH
JUN18	----		----	-14.950		UNCH	----	----	30 UNCH
JUL18	----		----	-14.450		UNCH	----	----	30 UNCH
AUG18	----		----	-14.950		UNCH	----	----	30 UNCH
SEP18	----		----	-15.150		UNCH	----	----	30 UNCH
OCT18	----		----	-15.250		UNCH	----	----	30 UNCH
NOV18	----		----	-15.350		UNCH	----	----	30 UNCH
DEC18	----		----	-15.450		UNCH	----	----	30 UNCH
TOTAL WCC FUT							225		11965
CIL FUT	CANADIAN LIGHT SWEET OIL								
SEP16	----		----	-4.146	+	0.066	----	----	503 UNCH
OCT16	----		----	-3.850	+	0.300	----	----	488 UNCH
NOV16	----		----	-3.750	+	0.300	----	----	486 UNCH
DEC16	----		----	-3.650	+	0.300	----	----	488 UNCH
JAN17	----		----	-3.650		UNCH	----	----	705 UNCH
FEB17	----		----	-3.650		UNCH	----	----	705 UNCH
MAR17	----		----	-3.650		UNCH	----	----	705 UNCH
APR17	----		----	-3.350		UNCH	----	----	705 UNCH
MAY17	----		----	-3.350		UNCH	----	----	705 UNCH
JUN17	----		----	-3.350		UNCH	----	----	705 UNCH
JUL17	----		----	-3.350		UNCH	----	----	705 UNCH
AUG17	----		----	-3.350		UNCH	----	----	705 UNCH
SEP17	----		----	-3.350		UNCH	----	----	705 UNCH
OCT17	----		----	-4.150		UNCH	----	----	705 UNCH
NOV17	----		----	-4.150		UNCH	----	----	705 UNCH
DEC17	----		----	-4.150		UNCH	----	----	705 UNCH
TOTAL CIL FUT									10425
FY FUT	DATED TO FRONTLINE BRENT CLNDR								
JUL16	----		----	-1.49		UNCH	----	----	0 - 425
AUG16	----		----	-1.42	+	0.03	----	----	805 UNCH
SEP16	----		----	-1.12	+	0.06	----	----	205 UNCH
OCT16	----		----	-1.27	+	0.04	----	----	660 UNCH
NOV16	----		----	-1.27	+	0.02	----	----	660 UNCH
DEC16	----		----	-1.27	+	0.01	----	----	660 UNCH
JAN17	----		----	-1.21	+	0.02	----	----	285 UNCH
FEB17	----		----	-1.19		UNCH	----	----	285 UNCH
MAR17	----		----	-1.19		UNCH	----	----	285 UNCH
APR17	----		----	-0.97		UNCH	----	----	285 UNCH
MAY17	----		----	-0.97		UNCH	----	----	285 UNCH
JUN17	----		----	-0.97		UNCH	----	----	285 UNCH
JUL17	----		----	-0.77		UNCH	----	----	235 UNCH
AUG17	----		----	-0.77		UNCH	----	----	235 UNCH
SEP17	----		----	-0.77		UNCH	----	----	235 UNCH
OCT17	----		----	-0.78		UNCH	----	----	215 UNCH
NOV17	----		----	-0.78		UNCH	----	----	215 UNCH
DEC17	----		----	-0.78		UNCH	----	----	215 UNCH
JAN18	----		----	-0.60	-	0.02	----	----	740 UNCH
FEB18	----		----	-0.60	-	0.02	----	----	740 UNCH
MAR18	----		----	-0.60	-	0.02	----	----	740 UNCH
APR18	----		----	-0.60	-	0.02	----	----	340 UNCH
MAY18	----		----	-0.60	-	0.02	----	----	340 UNCH
JUN18	----		----	-0.60	-	0.02	----	----	340 UNCH
JAN19	----		----	-0.53	-	0.01	----	----	215 UNCH
FEB19	----		----	-0.53	-	0.01	----	----	215 UNCH
MAR19	----		----	-0.53	-	0.01	----	----	215 UNCH
APR19	----		----	-0.53	-	0.01	----	----	215 UNCH
MAY19	----		----	-0.53	-	0.01	----	----	215 UNCH
JUN19	----		----	-0.53	-	0.01	----	----	215 UNCH
JUL19	----		----	-0.53	-	0.01	----	----	15 UNCH
AUG19	----		----	-0.53	-	0.01	----	----	15 UNCH
SEP19	----		----	-0.53	-	0.01	----	----	15 UNCH
OCT19	----		----	-0.53	-	0.01	----	----	15 UNCH
NOV19	----		----	-0.53	-	0.01	----	----	15 UNCH
DEC19	----		----	-0.53	-	0.01	----	----	15 UNCH
TOTAL FY FUT									10670 - 425
BI FUT	DUBAI CRUDE OIL BALMO								
15JUL16	----		----	41.426		UNCH	----	----	0 - 275
TOTAL BI FUT									0 - 275
DC FUT	DUBAI CRUDE OIL CALENDAR								
JUL16	----		----	42.465		UNCH	----	----	0 - 1675
AUG16	----		----	39.764	+	1.080	----	----	2350 UNCH
SEP16	----		----	40.199	+	1.259	----	----	75 UNCH
OCT16	----		----	40.329	+	1.209	----	----	500 UNCH
DEC16	----		----	40.910	+	1.137	----	----	200 UNCH
TOTAL DC FUT									3125 - 1675
UB FUT	EUROPE DATED BRENT								
JUL16	----		----	45.10		UNCH	----	----	0 - 1395
AUG16	----		----	41.59	+	1.20	----	----	1445 UNCH
SEP16	----		----	42.39	+	1.31	----	----	45 UNCH
OCT16	----		----	42.78	+	1.26	----	----	45 UNCH
NOV16	----		----	43.24	+	1.19	----	----	445 UNCH
DEC16	----		----	43.72	+	1.14	----	----	45 UNCH
JAN17	----		----	44.21	+	1.13	----	----	300 UNCH

		GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TOTAL	UB FUT								2325	- 1395
GSW FUT		GUERNSEY LIGHT SWEET CRUDE OIL FUT								
SEP16		----	----	-1.950		UNCH	----	----	30	UNCH
TOTAL	GSW FUT								30	
MB FUT		GULF COAST SOUR CRUDE OIL FUTURES								
SEP16		----	----	37.53	+	1.37	----	----	1050	UNCH
OCT16		----	----	38.03	+	1.43	----	----	349	UNCH
NOV16		----	----	38.60	+	1.38	----	----	150	UNCH
DEC16		----	----	39.36	+	1.34	----	----	700	UNCH
JAN17		----	----	39.48	+	1.34	----	----	250	UNCH
FEB17		----	----	39.60	+	1.34	----	----	600	UNCH
TOTAL	MB FUT								3099	
DB FUT		ICE BRENT DUBAI								
JUL16		----	----	4.121		UNCH	----	----	0	- 135
AUG16		----	----	3.254	+	0.105	----	----	135	UNCH
SEP16		----	----	3.306	-	0.010	----	----	135	UNCH
OCT16		----	----	3.723	+	0.009	----	----	185	UNCH
NOV16		----	----	3.942	+	0.010	----	----	185	UNCH
DEC16		----	----	4.083		UNCH	----	----	185	UNCH
JAN19		----	----	3.384	+	0.100	----	----	10	UNCH
FEB19		----	----	3.432	+	0.100	----	----	10	UNCH
MAR19		----	----	3.449	+	0.110	----	----	10	UNCH
APR19		----	----	3.449	+	0.111	----	----	10	UNCH
MAY19		----	----	3.449	+	0.111	----	----	10	UNCH
JUN19		----	----	3.449	+	0.110	----	----	10	UNCH
JUL19		----	----	3.450	+	0.111	----	----	10	UNCH
AUG19		----	----	3.449	+	0.110	----	----	10	UNCH
SEP19		----	----	3.449	+	0.111	----	----	10	UNCH
OCT19		----	----	3.449	+	0.111	----	----	10	UNCH
NOV19		----	----	3.449	+	0.110	----	----	10	UNCH
DEC19		----	----	3.449	+	0.111	----	----	10	UNCH
TOTAL	DB FUT								945	- 135
WJ FUT		LLS (ARGUS) VS WTI								
JUL16		----	----	1.62		UNCH	----	----	0	- 3659
AUG16		----	----	1.49	-	0.08	----	----	3751	UNCH
SEP16		----	----	1.54		UNCH	----	----	3851	UNCH
OCT16		----	----	1.49	-	0.01	----	----	3624	UNCH
NOV16		----	----	1.45	-	0.05	----	----	3597	UNCH
DEC16		----	----	1.45	-	0.05	----	----	4324	UNCH
JAN17		----	----	1.45	-	0.05	----	10	1757	+
FEB17		----	----	1.44	-	0.05	----	10	1757	+
MAR17		----	----	1.40	-	0.05	----	10	1757	+
APR17		----	----	1.40	-	0.05	----	10	1082	+
MAY17		----	----	1.41	-	0.05	----	10	1082	+
JUN17		----	----	1.45	-	0.05	----	10	1082	+
JUL17		----	----	1.45	-	0.05	----	10	1012	+
AUG17		----	----	1.45	-	0.05	----	10	1012	+
SEP17		----	----	1.45	-	0.05	----	10	1012	+
OCT17		----	----	1.40	-	0.05	----	10	1012	+
NOV17		----	----	1.40	-	0.05	----	10	1012	+
DEC17		----	----	1.40	-	0.05	----	10	1012	+
JAN18		----	----	1.60		UNCH	----	----	30	UNCH
FEB18		----	----	1.60		UNCH	----	----	30	UNCH
MAR18		----	----	1.60		UNCH	----	----	30	UNCH
APR18		----	----	1.60		UNCH	----	----	30	UNCH
MAY18		----	----	1.60		UNCH	----	----	30	UNCH
JUN18		----	----	1.60		UNCH	----	----	30	UNCH
JUL18		----	----	1.60		UNCH	----	----	30	UNCH
AUG18		----	----	1.60		UNCH	----	----	30	UNCH
SEP18		----	----	1.60		UNCH	----	----	30	UNCH
OCT18		----	----	1.60		UNCH	----	----	30	UNCH
NOV18		----	----	1.60		UNCH	----	----	30	UNCH
DEC18		----	----	1.60		UNCH	----	----	30	UNCH
JAN19		----	----	1.60		UNCH	----	----	15	UNCH
FEB19		----	----	1.60		UNCH	----	----	15	UNCH
MAR19		----	----	1.60		UNCH	----	----	15	UNCH
APR19		----	----	1.60		UNCH	----	----	15	UNCH
MAY19		----	----	1.60		UNCH	----	----	15	UNCH
JUN19		----	----	1.60		UNCH	----	----	15	UNCH
JUL19		----	----	1.60		UNCH	----	----	15	UNCH
AUG19		----	----	1.60		UNCH	----	----	15	UNCH
SEP19		----	----	1.60		UNCH	----	----	15	UNCH
OCT19		----	----	1.60		UNCH	----	----	15	UNCH
NOV19		----	----	1.60		UNCH	----	----	15	UNCH
DEC19		----	----	1.60		UNCH	----	----	15	UNCH
TOTAL	WJ FUT							120	34276	- 3539
LPS FUT		LOOP CRUDE OIL STORAGE FUTURES								
SEP16		----	----	0.300	-	0.100	----	----	2759	UNCH
OCT16		----	----	0.420	+	0.100	----	----	3284	UNCH
NOV16		----	----	0.420		UNCH	----	----	3334	UNCH
DEC16		----	----	0.500		UNCH	----	----	3334	UNCH
JAN17		----	----	0.420	+	0.060	----	----	2180	UNCH
FEB17		----	----	0.420	+	0.060	----	----	2180	UNCH
MAR17		----	----	0.420	+	0.060	----	----	2180	UNCH
APR17		----	----	0.250		UNCH	----	----	1400	UNCH
MAY17		----	----	0.250		UNCH	----	----	1400	UNCH
JUN17		----	----	0.250		UNCH	----	----	1400	UNCH
JUL17		----	----	0.200		UNCH	----	----	200	UNCH
AUG17		----	----	0.200		UNCH	----	----	200	UNCH
SEP17		----	----	0.200		UNCH	----	----	200	UNCH
TOTAL	LPS FUT								24051	
YX FUT		MARS (ARGUS) VS WTI								
JUL16		----	----	-3.36		UNCH	----	----	0	- 1417
AUG16		----	----	-4.16	-	1.34	----	----	1545	UNCH
SEP16		----	----	-3.44		UNCH	----	----	1945	UNCH
OCT16		----	----	-3.61	+	0.02	----	----	1295	UNCH
NOV16		----	----	-3.65	+	0.15	----	----	1445	UNCH
DEC16		----	----	-3.65	+	0.15	----	----	1295	UNCH
JAN17		----	----	-3.65	+	0.15	----	----	405	UNCH
FEB17		----	----	-3.64	+	0.15	----	----	405	UNCH
MAR17		----	----	-3.60	+	0.15	----	----	405	UNCH
APR17		----	----	-3.60	+	0.15	----	----	325	UNCH

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016 PG61		
	GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
YX FUT	MARS (ARGUS) VS WTI								
MAY17	----	----	-3.59	+	0.15	----	----	325	UNCH
JUN17	----	----	-3.55	+	0.15	----	----	325	UNCH
JUL17	----	----	-3.55	+	0.15	----	----	325	UNCH
AUG17	----	----	-3.55	+	0.15	----	----	325	UNCH
SEP17	----	----	-3.55	+	0.15	----	----	325	UNCH
OCT17	----	----	-3.55	+	0.15	----	----	325	UNCH
NOV17	----	----	-3.55	+	0.15	----	----	325	UNCH
DEC17	----	----	-3.55	+	0.15	----	----	325	UNCH
TOTAL YX FUT								11665	- 1417
YV FUT	MARS (ARGUS) VS WTI TRD MTH								
SEP16	----	----	-3.11	-	0.04	----	1050	6131	+ 750
OCT16	----	----	-3.40		UNCH	----	180	1820	+ 180
NOV16	----	----	-3.60		UNCH	----	180	1500	+ 100
DEC16	----	----	-3.65	+	0.15	----	180	2170	+ 105
JAN17	----	----	-3.68	+	0.07	----	----	135	UNCH
FEB17	----	----	-3.68	+	0.07	----	----	85	UNCH
MAR17	----	----	-3.68	+	0.07	----	----	85	UNCH
TOTAL YV FUT							1590	11926	+ 1135
MBC FUT	MINI BRENT FINANCIAL FUTURES								
AUG16	----	----	43.02	+	1.19	----	----	30	UNCH
TOTAL MBC FUT								30	
MDB FUT	MINI DATED BRENT (PLATTS) FINANCIAL								
AUG16	----	----	41.59	+	1.20	----	----	35	UNCH
SEP16	----	----	42.39	+	1.31	----	----	35	UNCH
TOTAL MDB FUT								70	
BB FUT	NYMEX BRENT FINANCIAL FUTURES								
DEC16	----	----	44.03	+	1.22	----	----	5763	UNCH
JAN17	----	----	44.49	+	1.17	----	----	250	UNCH
JUN17	----	----	46.55	+	1.03	----	----	67	UNCH
DEC17	----	----	48.34	+	0.88	----	----	434	UNCH
MAR18	----	----	49.16	+	0.82	----	----	10	UNCH
DEC18	----	----	51.11	+	0.67	----	----	217	UNCH
JAN19	----	----	51.32	+	0.66	----	----	20	UNCH
DEC19	----	----	53.31	+	0.50	----	----	258	UNCH
TOTAL BB FUT								7019	
CS FUT	WEST TEXAS INTER CRUDE OIL CAL								
AUG16	----	----	40.97	+	1.20	----	14	8663	UNCH
SEP16	----	----	41.87	+	1.26	----	54	9661	+ 11
OCT16	----	----	42.60	+	1.21	----	5	7403	- 5
NOV16	----	----	43.30	+	1.18	----	5	7034	- 5
DEC16	----	----	43.95	+	1.13	----	5	8265	- 5
JAN17	----	----	44.48	+	1.09	----	45	4851	- 30
FEB17	----	----	44.90	+	1.07	----	45	4806	- 30
MAR17	----	----	45.31	+	1.03	----	45	4826	- 30
APR17	----	----	45.63	+	1.01	----	----	4220	UNCH
MAY17	----	----	45.91	+	0.99	----	----	4295	UNCH
JUN17	----	----	46.20	+	0.97	----	----	4290	UNCH
JUL17	----	----	46.45	+	0.96	----	60	4378	- 60
AUG17	----	----	46.70	+	0.95	----	60	4292	- 60
SEP17	----	----	46.97	+	0.93	----	60	4333	- 60
OCT17	----	----	47.23	+	0.92	----	60	4428	- 60
NOV17	----	----	47.48	+	0.91	----	60	4403	- 60
DEC17	----	----	47.68	+	0.90	----	60	4423	- 60
JAN18	----	----	47.86	+	0.89	----	----	1278	UNCH
FEB18	----	----	48.04	+	0.87	----	----	1278	UNCH
MAR18	----	----	48.25	+	0.87	----	----	1278	UNCH
APR18	----	----	48.44	+	0.86	----	----	1166	UNCH
MAY18	----	----	48.62	+	0.85	----	----	1166	UNCH
JUN18	----	----	48.78	+	0.83	----	----	1166	UNCH
JUL18	----	----	48.93	+	0.81	----	----	1158	UNCH
AUG18	----	----	49.10	+	0.79	----	----	1158	UNCH
SEP18	----	----	49.28	+	0.79	----	----	1158	UNCH
OCT18	----	----	49.46	+	0.77	----	----	1114	UNCH
NOV18	----	----	49.64	+	0.76	----	----	1114	UNCH
DEC18	----	----	49.74	+	0.75	----	----	1114	UNCH
JAN19	----	----	49.84	+	0.74	----	----	371	UNCH
FEB19	----	----	49.94	+	0.72	----	----	371	UNCH
MAR19	----	----	50.06	+	0.70	----	----	371	UNCH
APR19	----	----	50.19	+	0.68	----	----	371	UNCH
MAY19	----	----	50.32	+	0.67	----	----	371	UNCH
JUN19	----	----	50.40	+	0.67	----	----	371	UNCH
JUL19	----	----	50.51	+	0.66	----	----	281	UNCH
AUG19	----	----	50.65	+	0.65	----	----	281	UNCH
SEP19	----	----	50.79	+	0.64	----	----	281	UNCH
OCT19	----	----	50.94	+	0.62	----	----	281	UNCH
NOV19	----	----	51.08	+	0.60	----	----	281	UNCH
DEC19	----	----	51.17	+	0.60	----	----	282	UNCH
JAN20	----	----	51.25	+	0.58	----	----	50	UNCH
FEB20	----	----	51.34	+	0.57	----	----	50	UNCH
MAR20	----	----	51.45	+	0.56	----	----	50	UNCH
APR20	----	----	51.58	+	0.55	----	----	50	UNCH
MAY20	----	----	51.68	+	0.54	----	----	50	UNCH
JUN20	----	----	51.70	+	0.52	----	----	51	UNCH
JUL20	----	----	51.77	+	0.50	----	----	50	UNCH
AUG20	----	----	51.87	+	0.50	----	----	49	UNCH
SEP20	----	----	51.98	+	0.49	----	----	49	UNCH
OCT20	----	----	52.14	+	0.48	----	----	49	UNCH
NOV20	----	----	52.25	+	0.47	----	----	49	UNCH
DEC20	----	----	52.30	+	0.47	----	----	150	UNCH
JAN21	----	----	52.36	+	0.47	----	----	2	UNCH
FEB21	----	----	52.43	+	0.47	----	----	2	UNCH
MAR21	----	----	52.53	+	0.47	----	----	2	UNCH
APR21	----	----	52.66	+	0.47	----	----	2	UNCH
MAY21	----	----	52.74	+	0.47	----	----	2	UNCH
JUN21	----	----	52.74	+	0.47	----	----	2	UNCH
JUL21	----	----	52.79	+	0.47	----	----	2	UNCH
AUG21	----	----	52.87	+	0.47	----	----	2	UNCH
SEP21	----	----	52.98	+	0.47	----	----	2	UNCH
OCT21	----	----	53.12	+	0.47	----	----	2	UNCH
NOV21	----	----	53.23	+	0.47	----	----	2	UNCH
DEC21	----	----	53.23	+	0.47	----	----	2	UNCH
JAN22	----	----	53.23	+	0.47	----	----	11	UNCH



PRELIMINARY

G61 BULLETIN #148@			ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016 PG61		
		GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
CS FUT	WEST TEXAS INTER CRUDE OIL CAL									
FEB22	----	----	53.23	+	0.47	----	----	11	UNCH	
MAR22	----	----	53.23	+	0.47	----	----	11	UNCH	
APR22	----	----	53.35	+	0.47	----	----	11	UNCH	
MAY22	----	----	53.70	+	0.47	----	----	11	UNCH	
JUN22	----	----	53.70	+	0.47	----	----	11	UNCH	
JUL22	----	----	53.70	+	0.47	----	----	11	UNCH	
AUG22	----	----	53.70	+	0.47	----	----	11	UNCH	
SEP22	----	----	53.70	+	0.47	----	----	11	UNCH	
OCT22	----	----	53.82	+	0.47	----	----	11	UNCH	
NOV22	----	----	54.13	+	0.47	----	----	11	UNCH	
DEC22	----	----	54.13	+	0.47	----	----	11	UNCH	
TOTAL	CS FUT							578	113485 - 454	
WS FUT	WTI FINANCIAL FUTURES									
SEP16	----	----	40.83	+	1.32	----	----	113	UNCH	
OCT16	----	----	41.58	+	1.28	----	----	18	UNCH	
NOV16	----	----	42.35	+	1.23	----	----	18	UNCH	
DEC16	----	----	43.11	+	1.19	----	----	3881	UNCH	
JAN17	----	----	43.77	+	1.15	----	----	251	UNCH	
FEB17	----	----	44.32	+	1.11	----	----	1	UNCH	
MAR17	----	----	44.79	+	1.07	----	----	1	UNCH	
APR17	----	----	45.19	+	1.04	----	----	1	UNCH	
MAY17	----	----	45.54	+	1.02	----	----	1	UNCH	
JUN17	----	----	45.84	+	1.00	----	----	101	UNCH	
JUL17	----	----	46.11	+	0.98	----	----	1	UNCH	
AUG17	----	----	46.36	+	0.96	----	----	1	UNCH	
SEP17	----	----	46.62	+	0.95	----	----	1	UNCH	
OCT17	----	----	46.88	+	0.94	----	----	1	UNCH	
NOV17	----	----	47.14	+	0.92	----	----	1	UNCH	
DEC17	----	----	47.41	+	0.91	----	----	1	UNCH	
DEC18	----	----	49.60	+	0.76	----	----	286	UNCH	
DEC19	----	----	51.06	+	0.61	----	----	250	UNCH	
DEC20	----	----	52.24	+	0.47	----	----	36	UNCH	
TOTAL	WS FUT								4964	
HTT FUT	WTI HOUSTON ARGUS V.WTI TRADE MONTH									
SEP16	----	----	1.14	-	0.08	----	----	2060	UNCH	
OCT16	----	----	1.10	-	0.05	----	100	940 +	100	
NOV16	----	----	1.10		UNCH	----	100	740 -	100	
DEC16	----	----	1.05		UNCH	----	----	840	UNCH	
JAN17	----	----	1.10		UNCH	----	----	160	UNCH	
FEB17	----	----	1.10		UNCH	----	----	160	UNCH	
MAR17	----	----	1.10		UNCH	----	----	160	UNCH	
APR17	----	----	1.05		UNCH	----	----	160	UNCH	
MAY17	----	----	1.05		UNCH	----	----	160	UNCH	
JUN17	----	----	1.00		UNCH	----	----	160	UNCH	
JUL17	----	----	1.00		UNCH	----	----	160	UNCH	
AUG17	----	----	1.00		UNCH	----	----	160	UNCH	
SEP17	----	----	1.00		UNCH	----	----	160	UNCH	
OCT17	----	----	1.00		UNCH	----	----	160	UNCH	
NOV17	----	----	1.00		UNCH	----	----	160	UNCH	
DEC17	----	----	1.00		UNCH	----	----	160	UNCH	
TOTAL	HTT FUT						200		6500	
WTT FUT	WTI MIDLAND (ARG) VS. WTI TRADE MTH									
SEP16	----	----	-0.20		UNCH	----	----	2930	UNCH	
OCT16	----	----	-0.40	+	0.03	----	----	1515	UNCH	
NOV16	----	----	-0.48		UNCH	----	----	385	UNCH	
DEC16	----	----	-0.53		UNCH	----	----	435	UNCH	
JAN17	----	----	-0.55		UNCH	----	----	535	UNCH	
FEB17	----	----	-0.55	+	0.03	----	----	535	UNCH	
MAR17	----	----	-0.55	+	0.03	----	----	525	UNCH	
APR17	----	----	-0.53	+	0.02	----	----	570	UNCH	
MAY17	----	----	-0.53	+	0.02	----	----	570	UNCH	
JUN17	----	----	-0.53	+	0.02	----	----	570	UNCH	
JUL17	----	----	-0.55	+	0.03	----	----	335	UNCH	
AUG17	----	----	-0.55	+	0.03	----	----	335	UNCH	
SEP17	----	----	-0.55	+	0.03	----	----	335	UNCH	
OCT17	----	----	-0.58	+	0.02	----	----	335	UNCH	
NOV17	----	----	-0.58	+	0.02	----	----	335	UNCH	
DEC17	----	----	-0.58	+	0.02	----	----	335	UNCH	
JAN18	----	----	-0.60		UNCH	----	----	90	UNCH	
FEB18	----	----	-0.60		UNCH	----	----	90	UNCH	
MAR18	----	----	-0.60		UNCH	----	----	90	UNCH	
APR18	----	----	-0.60		UNCH	----	----	90	UNCH	
MAY18	----	----	-0.60		UNCH	----	----	90	UNCH	
JUN18	----	----	-0.60		UNCH	----	----	90	UNCH	
JUL18	----	----	-0.60		UNCH	----	----	30	UNCH	
AUG18	----	----	-0.60		UNCH	----	----	30	UNCH	
SEP18	----	----	-0.60		UNCH	----	----	30	UNCH	
OCT18	----	----	-0.60		UNCH	----	----	30	UNCH	
NOV18	----	----	-0.60		UNCH	----	----	30	UNCH	
DEC18	----	----	-0.60		UNCH	----	----	30	UNCH	
TOTAL	WTT FUT								11300	
FF FUT	WTI MIDLAND(ARGUS) VS WTI FINCL FUT									
JUL16	----	----	-0.35		UNCH	----	----	0 -	2645	
AUG16	----	----	-0.27	-	0.36	----	----	2645	UNCH	
SEP16	----	----	-0.41		UNCH	----	----	2643	UNCH	
OCT16	----	----	-0.46		UNCH	----	----	2585	UNCH	
NOV16	----	----	-0.51		UNCH	----	----	2583	UNCH	
DEC16	----	----	-0.55	+	0.01	----	----	2585	UNCH	
JAN17	----	----	-0.55	+	0.05	----	----	604	UNCH	
FEB17	----	----	-0.54	+	0.05	----	----	604	UNCH	
MAR17	----	----	-0.50	+	0.05	----	----	654	UNCH	
APR17	----	----	-0.50	+	0.05	----	----	604	UNCH	
MAY17	----	----	-0.50	+	0.05	----	----	604	UNCH	
JUN17	----	----	-0.50	+	0.05	----	----	604	UNCH	
JUL17	----	----	-0.50	+	0.05	----	----	604	UNCH	
AUG17	----	----	-0.50	+	0.05	----	----	604	UNCH	
SEP17	----	----	-0.50	+	0.05	----	----	604	UNCH	
OCT17	----	----	-0.66	-	0.01	----	----	604	UNCH	
NOV17	----	----	-0.66	-	0.01	----	----	604	UNCH	
DEC17	----	----	-0.66	-	0.01	----	----	604	UNCH	
JAN18	----	----	-0.69		UNCH	----	----	103	UNCH	
FEB18	----	----	-0.69		UNCH	----	----	103	UNCH	
MAR18	----	----	-0.69		UNCH	----	----	103	UNCH	

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

	LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
FF FUT	WTI MIDLAND(ARGUS) VS WTI FINCL FUT							
APR18	----	----	-0.69	UNCH	----	----	103	UNCH
MAY18	----	----	-0.69	UNCH	----	----	103	UNCH
JUN18	----	----	-0.69	UNCH	----	----	103	UNCH
JUL18	----	----	-0.69	UNCH	----	----	23	UNCH
AUG18	----	----	-0.69	UNCH	----	----	23	UNCH
SEP18	----	----	-0.69	UNCH	----	----	23	UNCH
OCT18	----	----	-0.69	UNCH	----	----	23	UNCH
NOV18	----	----	-0.71	UNCH	----	----	23	UNCH
DEC18	----	----	-0.74	UNCH	----	----	23	UNCH
TOTAL	FF FUT						21095	- 2645

BK FUT		WTI-BRENT CALENDAR									
AUG16	----	----	-2.05	+	0.01	----	----	9093	UNCH		
SEP16	----	-1.42B	-1.64	+	0.01	----	----	5484	UNCH		
OCT16	----	-1.17B	-1.45	-	0.01	----	25	2949	+		
NOV16	----	-1.13B	-1.21	+	0.01	----	25	2984	+		
DEC16	----	----	-1.04	----	UNCH	----	25	5544	+		
JAN17	----	----	-0.94	-	0.02	----	120	2470	-		
FEB17	----	----	-0.93	----	UNCH	----	120	2470	-		
MAR17	----	----	-0.91	-	0.02	----	120	2470	-		
APR17	----	----	-0.94	-	0.02	----	20	2797	UNCH		
MAY17	----	----	-1.01	-	0.01	----	20	2797	UNCH		
JUN17	----	----	-1.05	----	UNCH	----	20	2797	UNCH		
JUL17	----	----	-1.10	+	0.01	----	20	2352	UNCH		
AUG17	----	----	-1.14	+	0.02	----	20	2352	UNCH		
SEP17	----	----	-1.14	+	0.02	----	20	2352	UNCH		
OCT17	----	----	-1.12	+	0.04	----	20	2352	UNCH		
NOV17	----	----	-1.14	+	0.05	----	20	2352	UNCH		
DEC17	----	----	-1.24	+	0.06	----	20	2352	UNCH		
JAN18	----	----	-1.31	+	0.07	----	----	620	UNCH		
FEB18	----	----	-1.42	+	0.07	----	----	620	UNCH		
MAR18	----	----	-1.50	+	0.09	----	----	620	UNCH		
APR18	----	----	-1.57	+	0.10	----	----	595	UNCH		
MAY18	----	----	-1.66	+	0.10	----	----	595	UNCH		
JUN18	----	----	-1.71	+	0.09	----	----	595	UNCH		
JUL18	----	----	-1.75	+	0.08	----	----	595	UNCH		
AUG18	----	----	-1.74	+	0.08	----	----	595	UNCH		
SEP18	----	----	-1.71	+	0.10	----	----	595	UNCH		
OCT18	----	----	-1.66	+	0.10	----	----	595	UNCH		
NOV18	----	----	-1.69	+	0.10	----	----	595	UNCH		
DEC18	----	----	-1.80	+	0.11	----	----	595	UNCH		
JAN19	----	----	-1.89	+	0.12	----	----	305	UNCH		
FEB19	----	----	-2.06	+	0.12	----	----	305	UNCH		
MAR19	----	----	-2.18	+	0.12	----	----	305	UNCH		
APR19	----	----	-2.23	+	0.11	----	----	305	UNCH		
MAY19	----	----	-2.26	+	0.11	----	----	305	UNCH		
JUN19	----	----	-2.34	+	0.12	----	----	305	UNCH		
JUL19	----	----	-2.39	+	0.12	----	----	305	UNCH		
AUG19	----	----	-2.40	+	0.12	----	----	305	UNCH		
SEP19	----	----	-2.41	+	0.13	----	----	305	UNCH		
OCT19	----	----	-2.38	+	0.12	----	----	305	UNCH		
NOV19	----	----	-2.42	+	0.11	----	----	305	UNCH		
DEC19	----	----	-2.52	+	0.12	----	----	305	UNCH		
JAN20	----	----	-2.61	+	0.11	----	----	45	UNCH		
FEB20	----	----	-2.69	+	0.12	----	----	45	UNCH		
MAR20	----	----	-2.75	+	0.13	----	----	45	UNCH		
APR20	----	----	-2.79	+	0.13	----	----	45	UNCH		
MAY20	----	----	-2.83	+	0.14	----	----	45	UNCH		
JUN20	----	----	-2.95	+	0.13	----	----	45	UNCH		
JUL20	----	----	-3.01	+	0.12	----	----	45	UNCH		
AUG20	----	----	-3.05	+	0.15	----	----	45	UNCH		
SEP20	----	----	-3.09	+	0.14	----	----	45	UNCH		
OCT20	----	----	-3.08	+	0.14	----	----	45	UNCH		
NOV20	----	----	-3.11	+	0.13	----	----	45	UNCH		
DEC20	----	----	-3.20	+	0.13	----	----	45	UNCH		
TOTAL	BK FUT						615	67382	-		

FH FUT	WTS (ARGUS) VS WTI TRD MTH							
SEP16	----	----	-1.25	+	0.02	----	----	750 UNCH
OCT16	----	----	-1.38	UNCH	----	----	560 UNCH	
NOV16	----	----	-1.33	UNCH	----	----	435 UNCH	
DEC16	----	----	-1.30	UNCH	----	----	435 UNCH	
JAN17	----	----	-1.28	UNCH	----	----	55 UNCH	
FEB17	----	----	-1.23	UNCH	----	----	55 UNCH	
MAR17	----	----	-1.18	UNCH	----	----	55 UNCH	
APR17	----	----	-1.05	UNCH	----	----	55 UNCH	
MAY17	----	----	-1.05	UNCH	----	----	55 UNCH	
JUN17	----	----	-1.05	UNCH	----	----	55 UNCH	
JUL17	----	----	-0.98	UNCH	----	----	55 UNCH	
AUG17	----	----	-0.98	UNCH	----	----	55 UNCH	
SEP17	----	----	-0.98	UNCH	----	----	55 UNCH	
OCT17	----	----	-1.01	UNCH	----	----	55 UNCH	
NOV17	----	----	-1.01	UNCH	----	----	55 UNCH	
DEC17	----	----	-1.01	UNCH	----	----	55 UNCH	
TOTAL	FH FUT						2840	

NATURAL GAS FUTURES PRODUCTS

	GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
N7 FUT	ALCON	CITY	GATES	NAT	GAS	INDEX				
JUL16		----				----	-0.3673	UNCH	----	0 - 248
AUG16		----				----	0.1330	+ 0.0840	----	496 UNCH
NOV16		----				----	-0.0350	UNCH	----	240 UNCH
DEC16		----				----	-0.0350	UNCH	----	248 UNCH
JAN17		----				----	-0.0350	UNCH	----	248 UNCH
FEB17		----				----	-0.0350	UNCH	----	224 UNCH
MAR17		----				----	-0.0350	UNCH	----	248 UNCH
APR17		----				----	0.0000	UNCH	----	240 UNCH
MAY17		----				----	0.0000	UNCH	----	248 UNCH

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016		PG61	
	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME		OPEN INTEREST	
N7 FUT	ALGON CITY GATES NAT GAS INDEX									
JUN17	----	----	0.0000	UNCH		----	----	240	UNCH	
JUL17	----	----	0.0000	UNCH		----	----	248	UNCH	
AUG17	----	----	0.0000	UNCH		----	----	248	UNCH	
SEP17	----	----	0.0000	UNCH		----	----	240	UNCH	
OCT17	----	----	0.0000	UNCH		----	----	248	UNCH	
TOTAL	N7 FUT							3416	-	248
B4 FUT	ALGONQUIN CITYGATES BASIS									
AUG16	----	----	-0.0120	UNCH		----	----	0	-	558
SEP16	----	----	-0.2680	- 0.0010		----	----	420	UNCH	
OCT16	----	----	-0.2090	+ 0.0060		----	----	558	UNCH	
NOV16	----	----	0.3430	+ 0.0050		----	----	720	UNCH	
DEC16	----	----	2.1620	+ 0.0120		----	----	186	UNCH	
JAN17	----	----	4.4790	+ 0.0170		----	----	217	UNCH	
FEB17	----	----	4.4080	+ 0.0060		----	----	224	UNCH	
MAR17	----	----	1.8960	- 0.0110		----	----	124	UNCH	
APR17	----	----	0.0620	- 0.0140		----	----	30	UNCH	
MAY17	----	----	-0.5430	- 0.0090		----	----	31	UNCH	
JUN17	----	----	-0.5930	- 0.0030		----	----	30	UNCH	
JUL17	----	----	-0.3630	- 0.0090		----	----	31	UNCH	
AUG17	----	----	-0.5380	- 0.0080		----	----	31	UNCH	
SEP17	----	----	-0.6650	- 0.0090		----	----	30	UNCH	
OCT17	----	----	-0.3600	- 0.0080		----	----	31	UNCH	
NOV17	----	----	0.3830	- 0.0200		----	----	120	UNCH	
DEC17	----	----	2.3180	- 0.0030		----	----	62	UNCH	
TOTAL	B4 FUT							2845	-	558
ND FUT	ANR LOUISIANA BASIS									
AUG16	----	----	-0.0820	UNCH		----	----	0	-	124
SEP16	----	----	-0.0760	+ 0.0010		----	----	120	UNCH	
OCT16	----	----	-0.0690	- 0.0010		----	----	124	UNCH	
TOTAL	ND FUT							244	-	124
NE FUT	ANR OKLAHOMA									
AUG16	----	----	-0.2020	UNCH		----	----	0	-	651
SEP16	----	----	-0.1980	+ 0.0030		----	----	390	UNCH	
OCT16	----	----	-0.2360	- 0.0020		----	----	403	UNCH	
NOV16	----	----	-0.1680	- 0.0080		----	----	270	UNCH	
DEC16	----	----	-0.0920	- 0.0100		----	----	279	UNCH	
JAN17	----	----	-0.0750	- 0.0110		----	----	93	UNCH	
FEB17	----	----	-0.0750	- 0.0110		----	----	84	UNCH	
MAR17	----	----	-0.1650	- 0.0110		----	----	93	UNCH	
APR17	----	----	-0.1820	- 0.0030		----	----	210	UNCH	
MAY17	----	----	-0.2660	- 0.0020		----	----	217	UNCH	
JUN17	----	----	-0.2390	- 0.0030		----	----	210	UNCH	
JUL17	----	----	-0.2240	- 0.0030		----	----	217	UNCH	
AUG17	----	----	-0.2340	- 0.0030		----	----	217	UNCH	
SEP17	----	----	-0.2420	- 0.0030		----	----	210	UNCH	
OCT17	----	----	-0.2390	- 0.0030		----	----	217	UNCH	
NOV17	----	----	-0.1280	- 0.0050		----	----	30	UNCH	
DEC17	----	----	-0.1320	- 0.0040		----	----	31	UNCH	
JAN18	----	----	-0.0800	- 0.0040		----	----	93	UNCH	
FEB18	----	----	-0.0780	- 0.0050		----	----	84	UNCH	
MAR18	----	----	-0.0900	- 0.0040		----	----	93	UNCH	
APR18	----	----	-0.1890	- 0.0060		----	----	150	UNCH	
MAY18	----	----	-0.2740	- 0.0060		----	----	155	UNCH	
JUN18	----	----	-0.2490	- 0.0060		----	----	150	UNCH	
JUL18	----	----	-0.2340	- 0.0060		----	----	155	UNCH	
AUG18	----	----	-0.2390	- 0.0060		----	----	155	UNCH	
SEP18	----	----	-0.2460	- 0.0050		----	----	150	UNCH	
OCT18	----	----	-0.2510	- 0.0050		----	----	155	UNCH	
NOV18	----	----	-0.1520	+ 0.0060		----	----	90	UNCH	
DEC18	----	----	-0.1420	+ 0.0060		----	----	93	UNCH	
TOTAL	NE FUT							4694	-	651
PW FUT	CENTERPOINT BASIS									
AUG16	----	----	-0.0920	UNCH		----	----	0	-	824
SEP16	----	----	-0.1200	- 0.0010		----	----	796	UNCH	
OCT16	----	----	-0.1220	+ 0.0030		----	----	1068	UNCH	
NOV16	----	----	-0.1200	- 0.0020		----	----	1134	UNCH	
DEC16	----	----	-0.1020	- 0.0020		----	----	1140	UNCH	
JAN17	----	----	-0.1000	- 0.0070		----	----	1078	UNCH	
FEB17	----	----	-0.1300	- 0.0030		----	----	976	UNCH	
MAR17	----	----	-0.1500	- 0.0030		----	----	1078	UNCH	
APR17	----	----	-0.0060	+ 0.0020		----	----	654	UNCH	
MAY17	----	----	-0.2170	+ 0.0010		----	----	671	UNCH	
JUN17	----	----	-0.1440	+ 0.0010		----	----	650	UNCH	
JUL17	----	----	-0.0990	+ 0.0010		----	----	671	UNCH	
AUG17	----	----	-0.0960	+ 0.0020		----	----	671	UNCH	
SEP17	----	----	-0.1460	+ 0.0020		----	----	650	UNCH	
OCT17	----	----	-0.1640	+ 0.0010		----	----	671	UNCH	
NOV17	----	----	-0.1320	- 0.0040		----	----	586	UNCH	
DEC17	----	----	-0.0950	- 0.0020		----	----	605	UNCH	
JAN18	----	----	-0.0900	- 0.0030		----	----	574	UNCH	
FEB18	----	----	-0.0960	+ 0.0010		----	----	520	UNCH	
MAR18	----	----	-0.1050	+ 0.0020		----	----	574	UNCH	
APR18	----	----	-0.0180	- 0.0030		----	----	436	UNCH	
MAY18	----	----	-0.1910	+ 0.0010		----	----	450	UNCH	
JUN18	----	----	-0.1360	- 0.0020		----	----	436	UNCH	
JUL18	----	----	-0.1000	- 0.0020		----	----	450	UNCH	
AUG18	----	----	-0.0950	- 0.0020		----	----	450	UNCH	
SEP18	----	----	-0.1340	UNCH		----	----	576	UNCH	
OCT18	----	----	-0.1670	- 0.0030		----	----	590	UNCH	
NOV18	----	----	-0.1120	- 0.0010		----	----	546	UNCH	
DEC18	----	----	-0.0660	UNCH		----	----	543	UNCH	
JAN19	----	----	-0.0920	- 0.0030		----	----	450	UNCH	
FEB19	----	----	-0.1060	- 0.0010		----	----	420	UNCH	
MAR19	----	----	-0.1160	- 0.0010		----	----	450	UNCH	
APR19	----	----	-0.0150	- 0.0010		----	----	110	UNCH	
MAY19	----	----	-0.2030	- 0.0010		----	----	109	UNCH	
JUN19	----	----	-0.1290	- 0.0010		----	----	110	UNCH	
JUL19	----	----	-0.0840	- 0.0010		----	----	109	UNCH	
AUG19	----	----	-0.0790	- 0.0010		----	----	109	UNCH	
SEP19	----	----	-0.1250	- 0.0010		----	----	110	UNCH	
OCT19	----	----	-0.1660	- 0.0010		----	----	109	UNCH	
NOV19	----	----	-0.1330	UNCH		----	----	140	UNCH	

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TOTAL	PW FUT							21470	- 824
II FUT		CENTERPOINT EAST INDEX							
AUG16		----	----	0.1757	+	0.1036	----	496	UNCH
SEP16		----	----	0.0000		UNCH	----	120	UNCH
OCT16		----	----	0.0000		UNCH	----	124	UNCH
TOTAL	II FUT							740	
CI FUT		CIG BASIS							
AUG16		----	----	-0.2420		UNCH	----	0	- 3481
SEP16		----	----	-0.2700	-	0.0150	----	3608	UNCH
OCT16		----	----	-0.2840	-	0.0120	----	2853	UNCH
NOV16		----	----	-0.1570	-	0.0010	----	1958	UNCH
DEC16		----	----	-0.0050		UNCH	----	1792	UNCH
JAN17		----	----	-0.0830	-	0.0020	----	1802	UNCH
FEB17		----	----	-0.0930	-	0.0020	----	1962	UNCH
MAR17		----	----	-0.2830	-	0.0010	----	1740	UNCH
APR17		----	----	-0.3400	+	0.0040	60	1868	UNCH
MAY17		----	----	-0.3400	+	0.0010	62	1927	UNCH
JUN17		----	----	-0.3400	+	0.0010	60	1872	UNCH
JUL17		----	----	-0.3050	+	0.0010	62	1935	UNCH
AUG17		----	----	-0.2880	+	0.0010	62	1931	UNCH
SEP17		----	----	-0.2980	+	0.0010	60	1868	UNCH
OCT17		----	----	-0.2380		UNCH	62	1927	UNCH
NOV17		----	----	-0.1620		UNCH	----	1226	UNCH
DEC17		----	----	-0.1060	-	0.0090	----	1266	UNCH
JAN18		----	----	-0.1360	-	0.0020	----	1050	UNCH
FEB18		----	----	-0.1430	-	0.0030	----	954	UNCH
MAR18		----	----	-0.2030	+	0.0110	----	1050	UNCH
APR18		----	----	-0.3100	+	0.0060	----	1018	UNCH
MAY18		----	----	-0.3620		UNCH	----	1050	UNCH
JUN18		----	----	-0.3620		UNCH	----	1026	UNCH
JUL18		----	----	-0.3360	-	0.0010	----	1062	UNCH
AUG18		----	----	-0.3320	-	0.0030	----	1058	UNCH
SEP18		----	----	-0.3350	-	0.0020	----	1022	UNCH
OCT18		----	----	-0.3200	-	0.0070	----	1050	UNCH
NOV18		----	----	-0.1790		UNCH	----	1018	UNCH
DEC18		----	----	-0.0840	+	0.0010	----	1054	UNCH
JAN19		----	----	-0.1370		UNCH	----	558	UNCH
FEB19		----	----	-0.1310		UNCH	----	504	UNCH
MAR19		----	----	-0.2270		UNCH	----	558	UNCH
APR19		----	----	-0.3070	+	0.0010	----	540	UNCH
MAY19		----	----	-0.3460	-	0.0010	----	558	UNCH
JUN19		----	----	-0.3460	-	0.0010	----	540	UNCH
JUL19		----	----	-0.3170	-	0.0010	----	558	UNCH
AUG19		----	----	-0.3080		UNCH	----	558	UNCH
SEP19		----	----	-0.3140	-	0.0010	----	540	UNCH
OCT19		----	----	-0.2840	-	0.0010	----	558	UNCH
NOV19		----	----	-0.1770		UNCH	----	540	UNCH
DEC19		----	----	-0.0780		UNCH	----	558	UNCH
TOTAL	CI FUT						428	50517	- 3481
Z8 FUT		CIG ROCKIES NG INDEX							
AUG16		----	----	0.2121	+	0.0314	----	124	UNCH
TOTAL	Z8 FUT							124	
5Z FUT		COLUMB GULF MAINLINE NG BASIS							
AUG16		----	----	-0.0820		UNCH	----	0	- 2788
SEP16		----	----	-0.0850		UNCH	----	3119	UNCH
OCT16		----	----	-0.0800		UNCH	----	3160	UNCH
NOV16		----	----	-0.0820		UNCH	----	1619	UNCH
DEC16		----	----	-0.0720		UNCH	----	1671	UNCH
JAN17		----	----	-0.0850		UNCH	----	1454	UNCH
FEB17		----	----	-0.0850		UNCH	----	1316	UNCH
MAR17		----	----	-0.0820		UNCH	----	1454	UNCH
APR17		----	----	-0.0780		UNCH	----	1468	UNCH
MAY17		----	----	-0.0780		UNCH	----	1516	UNCH
JUN17		----	----	-0.0800		UNCH	----	1467	UNCH
JUL17		----	----	-0.0820		UNCH	----	1515	UNCH
AUG17		----	----	-0.0820		UNCH	----	1515	UNCH
SEP17		----	----	-0.0800		UNCH	----	1467	UNCH
OCT17		----	----	-0.0800		UNCH	----	1515	UNCH
NOV17		----	----	-0.0650		UNCH	----	657	UNCH
DEC17		----	----	-0.0700		UNCH	----	677	UNCH
JAN18		----	----	-0.0700		UNCH	----	57	UNCH
FEB18		----	----	-0.0700		UNCH	----	54	UNCH
MAR18		----	----	-0.0620		UNCH	----	57	UNCH
APR18		----	----	-0.0680		UNCH	----	86	UNCH
MAY18		----	----	-0.0680		UNCH	----	88	UNCH
JUN18		----	----	-0.0700		UNCH	----	86	UNCH
JUL18		----	----	-0.0720		UNCH	----	87	UNCH
AUG18		----	----	-0.0720		UNCH	----	87	UNCH
SEP18		----	----	-0.0700		UNCH	----	85	UNCH
OCT18		----	----	-0.0700		UNCH	----	87	UNCH
NOV18		----	----	-0.0550		UNCH	----	55	UNCH
DEC18		----	----	-0.0600		UNCH	----	56	UNCH
JAN19		----	----	-0.0600		UNCH	----	25	UNCH
FEB19		----	----	-0.0600		UNCH	----	25	UNCH
MAR19		----	----	-0.0520		UNCH	----	24	UNCH
APR19		----	----	-0.0620		UNCH	----	24	UNCH
MAY19		----	----	-0.0620		UNCH	----	24	UNCH
JUN19		----	----	-0.0650		UNCH	----	24	UNCH
JUL19		----	----	-0.0680		UNCH	----	24	UNCH
AUG19		----	----	-0.0680		UNCH	----	24	UNCH
SEP19		----	----	-0.0650		UNCH	----	24	UNCH
OCT19		----	----	-0.0650		UNCH	----	24	UNCH
NOV19		----	----	-0.0420		UNCH	----	23	UNCH
DEC19		----	----	-0.0480		UNCH	----	23	UNCH
JAN20		----	----	-0.0480		UNCH	----	23	UNCH
FEB20		----	----	-0.0480		UNCH	----	23	UNCH
MAR20		----	----	-0.0400		UNCH	----	23	UNCH
APR20		----	----	-0.0520		UNCH	----	23	UNCH
MAY20		----	----	-0.0520		UNCH	----	23	UNCH
JUN20		----	----	-0.0550		UNCH	----	23	UNCH
JUL20		----	----	-0.0580		UNCH	----	23	UNCH
AUG20		----	----	-0.0580		UNCH	----	22	UNCH
SEP20		----	----	-0.0550		UNCH	----	22	UNCH
OCT20		----	----	-0.0550		UNCH	----	22	UNCH
NOV20		----	----	-0.0400		UNCH	----	22	UNCH

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016 PG61	
		GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST
5Z FUT		COLUMB GULF MAINLINE NG BASIS						
DEC20		----	----	-0.0400	UNCH	----	----	22 UNCH
TOTAL	5Z FUT							27034 - 2788
CFS FUT		COLUMBIA GAS TCO (IFERC) FIXED						
AUG16		----	----	2.5900	UNCH	----	----	0 - 124
SEP16		----	----	2.6710	+ 0.0970	----	----	120 UNCH
OCT16		----	----	2.7100	+ 0.0920	----	----	124 UNCH
NOV16		----	----	2.8700	+ 0.0900	----	----	120 UNCH
DEC16		----	----	3.1180	+ 0.0750	----	----	124 UNCH
TOTAL	CFS FUT							488 - 124
L2 FUT		COLUMBIA GULF MAIN NAT G INDEX						
JUL16		----	----	-0.1397	UNCH	----	----	0 - 372
AUG16		----	----	0.1830	+ 0.0960	----	----	372 UNCH
SEP16		----	----	0.0000	UNCH	----	----	360 UNCH
OCT16		----	----	0.0000	UNCH	----	----	372 UNCH
TOTAL	L2 FUT							1104 - 372
GL FUT		COLUMBIA GULF ONSHORE BASIS						
AUG16		----	----	-0.0720	UNCH	----	----	0 - 930
SEP16		----	----	-0.0670	+ 0.0010	----	----	900 UNCH
OCT16		----	----	-0.0650	+ 0.0010	----	----	930 UNCH
NOV16		----	----	-0.0620	UNCH	----	----	960 UNCH
DEC16		----	----	-0.0620	UNCH	----	----	992 UNCH
JAN17		----	----	-0.0500	UNCH	----	----	1457 UNCH
FEB17		----	----	-0.0520	UNCH	----	----	1316 UNCH
MAR17		----	----	-0.0600	UNCH	----	----	1457 UNCH
APR17		----	----	-0.0580	UNCH	----	----	1410 UNCH
MAY17		----	----	-0.0620	UNCH	----	----	1457 UNCH
JUN17		----	----	-0.0680	UNCH	----	----	1410 UNCH
JUL17		----	----	-0.0680	UNCH	----	----	1457 UNCH
AUG17		----	----	-0.0680	UNCH	----	----	1457 UNCH
SEP17		----	----	-0.0680	UNCH	----	----	1410 UNCH
OCT17		----	----	-0.0650	UNCH	----	----	1457 UNCH
NOV17		----	----	-0.0480	UNCH	----	----	1410 UNCH
DEC17		----	----	-0.0480	UNCH	----	----	1457 UNCH
TOTAL	GL FUT							20937 - 930
DI FUT		DEMARC INDEX FUTURE						
JUL16		----	----	-0.0203	UNCH	----	----	0 - 620
TOTAL	DI FUT							0 - 620
DSF FUT		DOMINION (IFERC) FIXED PRICE						
AUG16		----	----	1.2800	UNCH	----	----	0 - 304
SEP16		----	----	1.3460	+ 0.0580	----	----	300 UNCH
OCT16		----	----	1.4080	+ 0.0550	----	----	304 UNCH
NOV16		----	----	1.7690	+ 0.0510	----	----	300 UNCH
DEC16		----	----	2.1480	+ 0.0530	----	----	304 UNCH
JAN17		----	----	2.3920	+ 0.0770	----	----	180 UNCH
FEB17		----	----	2.3880	+ 0.0540	----	----	180 UNCH
MAR17		----	----	2.3210	+ 0.0470	----	----	180 UNCH
APR17		----	----	2.1960	+ 0.0340	----	----	180 UNCH
MAY17		----	----	2.0990	+ 0.0230	----	----	180 UNCH
JUN17		----	----	2.1040	+ 0.0310	----	----	180 UNCH
JUL17		----	----	2.1230	+ 0.0290	----	----	180 UNCH
AUG17		----	----	2.0690	+ 0.0270	----	----	180 UNCH
SEP17		----	----	1.9550	+ 0.0250	----	----	180 UNCH
TOTAL	DSF FUT							2828 - 304
IH FUT		DOMINION TRAN INC - APP INDEX						
JUL16		----	----	-0.5811	UNCH	----	----	0 - 1519
AUG16		----	----	0.1220	+ 0.1300	----	----	1302 UNCH
SEP16		----	----	0.0000	UNCH	----	----	1260 UNCH
OCT16		----	----	0.0000	UNCH	----	----	1302 UNCH
JAN18		----	----	0.0000	UNCH	----	----	248 UNCH
FEB18		----	----	0.0000	UNCH	----	----	224 UNCH
MAR18		----	----	0.0000	UNCH	----	----	248 UNCH
APR18		----	----	0.0000	UNCH	----	----	240 UNCH
MAY18		----	----	0.0000	UNCH	----	----	248 UNCH
JUN18		----	----	0.0000	UNCH	----	----	240 UNCH
JUL18		----	----	0.0000	UNCH	----	----	248 UNCH
AUG18		----	----	0.0000	UNCH	----	----	248 UNCH
SEP18		----	----	0.0000	UNCH	----	----	240 UNCH
OCT18		----	----	0.0000	UNCH	----	----	248 UNCH
NOV18		----	----	0.0000	UNCH	----	----	240 UNCH
DEC18		----	----	0.0000	UNCH	----	----	248 UNCH
TOTAL	IH FUT							6784 - 1519
PG FUT		DOMINION TRANSMISSION INC -APPALAC						
AUG16		----	----	-1.3920	UNCH	----	----	0 - 2841
SEP16		----	-1.5135A	-1.4930	- 0.0480	----	----	2577 UNCH
OCT16		----	-1.4975A	-1.4730	- 0.0430	----	----	2833 UNCH
NOV16		----	-1.2775A	-1.2650	- 0.0400	----	----	1789 UNCH
DEC16		----	----	-1.1280	- 0.0240	----	----	3298 UNCH
JAN17		----	----	-1.0000	UNCH	----	----	2584 UNCH
FEB17		----	----	-0.9900	- 0.0200	----	----	1572 UNCH
MAR17		----	----	-1.0070	- 0.0220	----	----	1716 UNCH
APR17		----	----	-0.8760	- 0.0180	----	180	1638 + 150
MAY17		----	----	-0.9440	- 0.0220	----	186	1716 + 124
JUN17		----	----	-0.9700	- 0.0100	----	180	1668 + 120
JUL17		----	----	-0.9800	- 0.0100	----	186	1716 + 124
AUG17		----	----	-1.0420	- 0.0100	----	186	1716 + 124
SEP17		----	----	-1.1350	- 0.0100	----	180	1668 + 120
OCT17		----	----	-1.1080	- 0.0100	----	186	1611 + 124
NOV17		----	----	-0.7980	UNCH	----	----	1170 UNCH
DEC17		----	----	-0.7620	- 0.0120	----	----	961 UNCH
JAN18		----	----	-0.7000	- 0.0280	----	----	1085 UNCH
FEB18		----	----	-0.6950	- 0.0230	----	----	980 UNCH
MAR18		----	----	-0.7150	- 0.0230	----	----	1085 UNCH
APR18		----	----	-0.6400	- 0.0020	----	180	900 + 180
MAY18		----	----	-0.6910	- 0.0010	----	186	930 + 186
JUN18		----	----	-0.6940	- 0.0020	----	180	900 + 180
JUL18		----	----	-0.7290	- 0.0040	----	186	930 + 186
AUG18		----	----	-0.7260	- 0.0040	----	186	930 + 186
SEP18		----	----	-0.8490	- 0.0040	----	180	900 + 180
OCT18		----	----	-0.8540	- 0.0040	----	186	930 + 186
NOV18		----	----	-0.7360	+ 0.0050	----	----	390 UNCH

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016		PG61
	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
PG FUT	DOMINION TRANSMISSION INC -APPALAC								
DEC18	----	----	-0.6360	-	0.0050	----	----	403	UNCH
JAN19	----	----	-0.5830	-	0.0190	----	----	682	UNCH
FEB19	----	----	-0.5800	-	0.0140	----	----	616	UNCH
MAR19	----	----	-0.6030	-	0.0140	----	----	682	UNCH
APR19	----	----	-0.4530	-	0.0050	----	----	270	UNCH
MAY19	----	----	-0.4860	-	0.0050	----	----	279	UNCH
JUN19	----	----	-0.5980	-	0.0050	----	----	270	UNCH
JUL19	----	----	-0.6730	-	0.0070	----	----	279	UNCH
AUG19	----	----	-0.7010	-	0.0080	----	----	279	UNCH
SEP19	----	----	-0.8160	-	0.0080	----	----	270	UNCH
OCT19	----	----	-0.8410	-	0.0080	----	----	279	UNCH
NOV19	----	----	-0.6440	+	0.0060	----	----	270	UNCH
DEC19	----	----	-0.6060	-	0.0040	----	----	279	UNCH
JAN20	----	----	-0.5360	-	0.0190	----	----	186	UNCH
FEB20	----	----	-0.4860	-	0.0140	----	----	174	UNCH
MAR20	----	----	-0.5990	-	0.0150	----	----	186	UNCH
APR20	----	----	-0.2950	-	0.0050	----	----	180	UNCH
MAY20	----	----	-0.3650	-	0.0050	----	----	186	UNCH
JUN20	----	----	-0.5150	-	0.0050	----	----	180	UNCH
JUL20	----	----	-0.6870	-	0.0070	----	----	186	UNCH
AUG20	----	----	-0.6500	-	0.0070	----	----	186	UNCH
SEP20	----	----	-0.8720	-	0.0070	----	----	180	UNCH
OCT20	----	----	-0.9020	-	0.0070	----	----	186	UNCH
NOV20	----	----	-0.5940	+	0.0060	----	----	180	UNCH
DEC20	----	----	-0.5260	-	0.0040	----	----	186	UNCH
TOTAL PG FUT							2568	47247	- 671
IL FUT	EL PASO PERMIAN INDEX								
JUL16	----	----	0.0285		UNCH	----	----	0	- 620
AUG16	----	----	0.1470	+	0.1180	----	----	620	UNCH
TOTAL IL FUT								620	- 620
Q9 FUT	FL GAS ZONE 3 NAT GAS INDEX								
JUL16	----	----	-0.1261		UNCH	----	----	0	- 2790
AUG16	----	----	0.1780	+	0.1030	----	----	1860	UNCH
SEP16	----	----	0.0000		UNCH	----	----	1800	UNCH
OCT16	----	----	0.0000		UNCH	----	----	1860	UNCH
TOTAL Q9 FUT								5520	- 2790
FP FUT	FLORIDA GAS ZONE3 BASIS								
AUG16	----	----	0.0580		UNCH	----	----	0	- 279
SEP16	----	----	0.0390	+	0.0020	----	----	270	UNCH
OCT16	----	----	0.0240	+	0.0010	----	----	279	UNCH
NOV16	----	----	0.0210	-	0.0020	----	----	120	UNCH
DEC16	----	----	0.0160	-	0.0020	----	----	124	UNCH
JAN17	----	----	0.0140	-	0.0010	----	----	310	UNCH
FEB17	----	----	0.0180	-	0.0020	----	----	224	UNCH
MAR17	----	----	0.0160	-	0.0020	----	----	186	UNCH
TOTAL FP FUT								1513	- 279
NN FUT	HENRY HUB								
SEP16	2.792	2.863B/2.775A	2.839	+	0.106	2839	----	65573	- 455
OCT16	2.875	2.875 /2.875	2.881	+	0.098	2542	----	70203	+
NOV16	----	----	3.034	+	0.091	1620	----	50618	+
DEC16	----	----	3.276	+	0.077	279	----	50492	+
JAN17	----	----	3.392	+	0.077	----	248	68715	+
FEB17	----	----	3.378	+	0.074	----	224	38088	+
MAR17	----	----	3.328	+	0.069	155	248	55970	+
APR17	----	----	3.072	+	0.052	150	270	55990	+
MAY17	----	----	3.043	+	0.045	----	279	36449	+
JUN17	----	----	3.074	+	0.041	----	270	32247	+
JUL17	----	----	3.103	+	0.039	----	279	33032	+
AUG17	----	----	3.111	+	0.037	----	279	33455	+
SEP17	----	----	3.090	+	0.035	----	270	32342	+
OCT17	----	----	3.109	+	0.034	----	279	45768	+
NOV17	----	----	3.162	+	0.032	----	270	33220	+
DEC17	----	----	3.292	+	0.030	----	310	33618	+
JAN18	----	----	3.391	+	0.029	----	310	26156	+
FEB18	----	----	3.353	+	0.027	----	280	18756	+
MAR18	----	----	3.263	+	0.025	----	310	29024	+
APR18	----	----	2.876	+	0.014	----	300	31179	+
MAY18	----	----	2.837	+	0.013	----	310	17177	+
JUN18	----	----	2.863	+	0.013	----	300	16293	+
JUL18	----	----	2.893	+	0.013	----	310	15957	+
AUG18	----	----	2.901	+	0.013	----	310	16216	+
SEP18	----	----	2.883	+	0.012	----	300	15581	+
OCT18	----	----	2.908	+	0.012	----	310	16214	+
NOV18	----	----	2.971	+	0.012	----	270	16291	+
DEC18	----	----	3.113	+	0.009	----	279	18119	+
JAN19	----	----	3.228	+	0.009	----	----	15429	UNCH
FEB19	----	----	3.196	+	0.010	----	----	12684	UNCH
MAR19	----	----	3.131	+	0.012	----	----	14190	UNCH
APR19	----	----	2.851	+	0.002	----	----	12456	UNCH
MAY19	----	----	2.840	+	0.002	----	----	12884	UNCH
JUN19	----	----	2.869	+	0.002	----	----	12589	UNCH
JUL19	----	----	2.904	+	0.002	----	----	13004	UNCH
AUG19	----	----	2.917	+	0.002	----	----	12967	UNCH
SEP19	----	----	2.903	+	0.002	----	----	12543	UNCH
OCT19	----	----	2.920	+	0.002	----	----	12783	UNCH
NOV19	----	----	2.991	+	0.002	----	----	12974	UNCH
DEC19	----	----	3.137	+	0.002	----	----	13930	UNCH
JAN20	----	----	3.259	+	0.002	----	93	9450	UNCH
FEB20	----	----	3.226	+	0.002	----	87	8531	UNCH
MAR20	----	----	3.160	+	0.002	----	93	9133	UNCH
APR20	----	----	2.890	+	0.002	----	90	8334	UNCH
MAY20	----	----	2.883	+	0.002	----	93	8623	UNCH
JUN20	----	----	2.915	+	0.002	----	90	8334	UNCH
JUL20	----	----	2.952	+	0.002	----	93	8648	UNCH
AUG20	----	----	2.980	+	0.002	----	93	8648	UNCH
SEP20	----	----	2.981	+	0.002	----	90	8359	UNCH
OCT20	----	----	3.011	+	0.002	----	93	8648	UNCH
NOV20	----	----	3.084	+	0.002	----	90	8691	UNCH
DEC20	----	----	3.232	+	0.002	----	93	8823	UNCH
JAN21	----	----	3.367	+	0.002	----	----	4987	UNCH
FEB21	----	----	3.337	+	0.002	----	----	4599	UNCH
MAR21	----	----	3.272	+	0.002	----	----	4989	UNCH
APR21	----	----	3.007	+	0.002	----	----	4563	UNCH



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PRELIMINARY

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS						wed, Aug 03, 2016		PG61	
		GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST			
NN FUT	HENRY HUB										
MAY21	----	----	3.002	+	0.002	----	----	4695	UNCH		
JUN21	----	----	3.034	+	0.002	----	----	4561	UNCH		
JUL21	----	----	3.071	+	0.002	----	----	4597	UNCH		
AUG21	----	----	3.105	+	0.002	----	----	4598	UNCH		
SEP21	----	----	3.108	+	0.002	----	----	4470	UNCH		
OCT21	----	----	3.144	+	0.002	----	----	4571	UNCH		
NOV21	----	----	3.224	+	0.003	----	----	4474	UNCH		
DEC21	----	----	3.378	+	0.007	----	----	4603	UNCH		
JAN22	----	----	3.527	+	0.011	----	----	2842	UNCH		
FEB22	----	----	3.502	+	0.011	----	----	2556	UNCH		
MAR22	----	----	3.439	+	0.011	----	----	2850	UNCH		
APR22	----	----	3.174	+	0.006	----	----	2729	UNCH		
MAY22	----	----	3.169	+	0.006	----	----	2805	UNCH		
JUN22	----	----	3.201	+	0.006	----	----	2700	UNCH		
JUL22	----	----	3.239	+	0.006	----	----	2777	UNCH		
AUG22	----	----	3.275	+	0.006	----	----	2773	UNCH		
SEP22	----	----	3.280	+	0.006	----	----	2691	UNCH		
OCT22	----	----	3.320	+	0.006	----	----	2799	UNCH		
NOV22	----	----	3.400	+	0.007	----	----	2717	UNCH		
DEC22	----	----	3.554	+	0.011	----	----	2807	UNCH		
JAN23	----	----	3.701	+	0.014	----	----	1694	UNCH		
FEB23	----	----	3.676	+	0.014	----	----	1560	UNCH		
MAR23	----	----	3.614	+	0.014	----	----	1694	UNCH		
APR23	----	----	3.344	-	0.001	----	----	1642	UNCH		
MAY23	----	----	3.339	-	0.001	----	----	1694	UNCH		
JUN23	----	----	3.371	-	0.001	----	----	1642	UNCH		
JUL23	----	----	3.409	-	0.001	----	----	1670	UNCH		
AUG23	----	----	3.445	-	0.001	----	----	1670	UNCH		
SEP23	----	----	3.454	-	0.001	----	----	1618	UNCH		
OCT23	----	----	3.499	-	0.001	----	----	1670	UNCH		
NOV23	----	----	3.579	+	0.001	----	----	1618	UNCH		
DEC23	----	----	3.733	+	0.005	----	----	1670	UNCH		
JAN24	----	----	3.880	+	0.008	----	----	1223	UNCH		
FEB24	----	----	3.855	+	0.008	----	----	1149	UNCH		
MAR24	----	----	3.790	+	0.005	----	----	1223	UNCH		
APR24	----	----	3.530		UNCH	----	----	1186	UNCH		
MAY24	----	----	3.520		UNCH	----	----	1223	UNCH		
JUN24	----	----	3.552		UNCH	----	----	1186	UNCH		
JUL24	----	----	3.597		UNCH	----	----	1223	UNCH		
AUG24	----	----	3.633		UNCH	----	----	1223	UNCH		
SEP24	----	----	3.644		UNCH	----	----	1186	UNCH		
OCT24	----	----	3.694		UNCH	----	----	1223	UNCH		
NOV24	----	----	3.776		UNCH	----	----	1186	UNCH		
DEC24	----	----	3.928		UNCH	----	----	1223	UNCH		
JAN25	----	----	4.070		UNCH	----	----	1154	UNCH		
FEB25	----	----	4.045		UNCH	----	----	1040	UNCH		
MAR25	----	----	3.980	+	0.001	----	----	1154	UNCH		
APR25	----	----	3.705	+	0.001	----	----	1116	UNCH		
MAY25	----	----	3.691	+	0.001	----	----	1154	UNCH		
JUN25	----	----	3.724	+	0.001	----	----	1116	UNCH		
JUL25	----	----	3.766	+	0.001	----	----	1154	UNCH		
AUG25	----	----	3.804	+	0.001	----	----	1154	UNCH		
SEP25	----	----	3.817	+	0.001	----	----	1116	UNCH		
OCT25	----	----	3.872	+	0.001	----	----	1154	UNCH		
NOV25	----	----	3.959	+	0.001	----	----	1116	UNCH		
DEC25	----	----	4.119	+	0.001	----	----	1154	UNCH		
JAN26	----	----	4.261	+	0.001	----	----	403	UNCH		
FEB26	----	----	4.239	+	0.001	----	----	364	UNCH		
MAR26	----	----	4.171	+	0.001	----	----	403	UNCH		
APR26	----	----	3.866	+	0.001	----	----	390	UNCH		
MAY26	----	----	3.851	+	0.001	----	----	403	UNCH		
JUN26	----	----	3.886	+	0.001	----	----	390	UNCH		
JUL26	----	----	3.931	+	0.001	----	----	403	UNCH		
AUG26	----	----	3.971	+	0.001	----	----	403	UNCH		
SEP26	----	----	3.986	+	0.001	----	----	390	UNCH		
OCT26	----	----	4.041	+	0.001	----	----	403	UNCH		
NOV26	----	----	4.134	+	0.001	----	----	390	UNCH		
DEC26	----	----	4.307	+	0.001	----	----	403	UNCH		
TOTAL NN FUT						7585	7913	1376774	+	5392	
HB FUT	HENRY HUB BASIS										
AUG16	----	----	-0.0020		UNCH	----	----	0	-	9796	
SEP16	----	----	0.0020	+	0.0010	----	1200	6540	+	1200	
OCT16	----	----	0.0020		UNCH	----	----	4526	UNCH		
NOV16	----	----	0.0020		UNCH	----	----	2280	UNCH		
DEC16	----	----	0.0020		UNCH	----	----	2356	UNCH		
JAN17	----	----	0.0020		UNCH	----	----	2263	UNCH		
FEB17	----	----	0.0020		UNCH	----	----	2044	UNCH		
MAR17	----	----	0.0020		UNCH	----	----	2263	UNCH		
APR17	----	----	-0.0020		UNCH	----	----	2730	UNCH		
MAY17	----	----	-0.0020		UNCH	----	----	2821	UNCH		
JUN17	----	----	-0.0020		UNCH	----	----	2730	UNCH		
JUL17	----	----	-0.0020		UNCH	----	----	2821	UNCH		
AUG17	----	----	-0.0020		UNCH	----	----	2821	UNCH		
SEP17	----	----	-0.0020		UNCH	----	----	2730	UNCH		
OCT17	----	----	-0.0020		UNCH	----	----	2821	UNCH		
NOV17	----	----	-0.0020		UNCH	----	----	1710	UNCH		
DEC17	----	----	-0.0020		UNCH	----	----	1767	UNCH		
JAN18	----	----	-0.0020		UNCH	----	----	124	UNCH		
FEB18	----	----	-0.0020		UNCH	----	----	112	UNCH		
MAR18	----	----	-0.0020		UNCH	----	----	124	UNCH		
APR18	----	----	0.0020		UNCH	----	----	120	UNCH		
MAY18	----	----	0.0020		UNCH	----	----	124	UNCH		
JUN18	----	----	0.0020		UNCH	----	----	120	UNCH		
JUL18	----	----	0.0020		UNCH	----	----	124	UNCH		
AUG18	----	----	0.0020		UNCH	----	----	124	UNCH		
SEP18	----	----	0.0020		UNCH	----	----	120	UNCH		
OCT18	----	----	0.0020		UNCH	----	----	124	UNCH		
NOV18	----	----	-0.0020		UNCH	----	----	120	UNCH		
DEC18	----	----	-0.0020		UNCH	----	----	124	UNCH		
TOTAL HB FUT							1200	46683	-	8596	
IN FUT	HENRY HUB INDEX FUTURE										
JUL16	----	----	-0.1360		UNCH	----	----	0	-	5270	
AUG16	----	----	0.2050	+	0.0990	----	----	8122	UNCH		
SEP16	----	----	0.0020	+	0.0020	----	1200	4800	+	1200	
OCT16	----	----	0.0000		UNCH	----	----	2728	UNCH		



PRELIMINARY



PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS				wed, Aug 03, 2016 PG61					
		GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST			
IN FUT		HENRY HUB INDEX FUTURE									
NOV16		----	----	0.0000	UNCH	----	----	480	UNCH		
DEC16		----	----	0.0000	UNCH	----	----	496	UNCH		
JAN17		----	----	0.0000	UNCH	----	----	465	UNCH		
FEB17		----	----	0.0000	UNCH	----	----	420	UNCH		
MAR17		----	----	0.0000	UNCH	----	----	465	UNCH		
APR17		----	----	0.0000	UNCH	----	----	1110	UNCH		
MAY17		----	----	0.0000	UNCH	----	----	1147	UNCH		
JUN17		----	----	0.0000	UNCH	----	----	1110	UNCH		
JUL17		----	----	0.0000	UNCH	----	----	1147	UNCH		
AUG17		----	----	0.0000	UNCH	----	----	1147	UNCH		
SEP17		----	----	0.0000	UNCH	----	----	1110	UNCH		
OCT17		----	----	0.0000	UNCH	----	----	1147	UNCH		
NOV17		----	----	0.0000	UNCH	----	----	210	UNCH		
DEC17		----	----	0.0000	UNCH	----	----	217	UNCH		
TOTAL		IN FUT					1200	26321	-	4070	
HH FUT		HENRY HUB NG LAST DAY FINANCIAL									
SEP16		2.789	2.858 /2.774	2.839	+	0.106	1640	1140	19164	-	912
OCT16		2.834	2.894 /2.832	2.881	+	0.098	562	900	30217	+	593
NOV16		----	----	3.034	+	0.091	4	50	15437	-	46
DEC16		----	----	3.276	+	0.077	----	50	24323	+	50
JAN17		3.353	3.385 /3.353	3.392	+	0.077	4	100	31727	UNCH	----
FEB17		----	----	3.378	+	0.074	----	----	11408	UNCH	----
MAR17		----	----	3.328	+	0.069	6	----	15590	-	6
APR17		----	----	3.072	+	0.052	7	----	20455	+	7
MAY17		----	----	3.043	+	0.045	1	----	11055	+	1
JUN17		----	----	3.074	+	0.041	1	50	14123	+	1
JUL17		----	----	3.103	+	0.039	----	----	7249	UNCH	----
AUG17		----	----	3.111	+	0.037	----	----	6740	UNCH	----
SEP17		----	----	3.090	+	0.035	----	----	4462	UNCH	----
OCT17		----	----	3.109	+	0.034	----	----	8795	UNCH	----
NOV17		----	----	3.162	+	0.032	----	----	5060	UNCH	----
DEC17		----	----	3.292	+	0.030	----	----	4365	UNCH	----
JAN18		----	----	3.391	+	0.029	----	----	5884	UNCH	----
FEB18		----	----	3.353	+	0.027	----	----	1876	UNCH	----
MAR18		----	----	3.263	+	0.025	----	200	3395	UNCH	----
APR18		----	----	2.876	+	0.014	----	200	5596	-	47
MAY18		----	----	2.837	+	0.013	----	----	1564	UNCH	----
JUN18		----	----	2.863	+	0.013	----	50	2185	+	50
JUL18		----	----	2.893	+	0.013	----	----	1736	UNCH	----
AUG18		----	----	2.901	+	0.013	----	----	1375	UNCH	----
SEP18		----	----	2.883	+	0.012	----	----	1375	UNCH	----
OCT18		----	----	2.908	+	0.012	----	----	2291	UNCH	----
NOV18		----	----	2.971	+	0.012	----	----	1188	UNCH	----
DEC18		----	----	3.113	+	0.009	----	----	1248	UNCH	----
JAN19		----	----	3.228	+	0.009	----	----	1970	UNCH	----
FEB19		----	----	3.196	+	0.010	----	----	1062	UNCH	----
MAR19		----	----	3.131	+	0.012	----	----	1275	UNCH	----
APR19		----	----	2.851	+	0.002	----	----	1554	UNCH	----
MAY19		----	----	2.840	+	0.002	----	----	1181	UNCH	----
JUN19		----	----	2.869	+	0.002	----	----	1121	UNCH	----
JUL19		----	----	2.904	+	0.002	----	----	1016	UNCH	----
AUG19		----	----	2.917	+	0.002	----	----	998	UNCH	----
SEP19		----	----	2.903	+	0.002	----	----	824	UNCH	----
OCT19		----	----	2.920	+	0.002	----	----	1406	UNCH	----
NOV19		----	----	2.991	+	0.002	----	----	815	UNCH	----
DEC19		----	----	3.137	+	0.002	----	----	868	UNCH	----
JAN20		----	----	3.259	+	0.002	----	----	1185	UNCH	----
FEB20		----	----	3.226	+	0.002	----	----	271	UNCH	----
MAR20		----	----	3.160	+	0.002	----	----	222	UNCH	----
APR20		----	----	2.890	+	0.002	----	----	163	UNCH	----
MAY20		----	----	2.883	+	0.002	----	----	163	UNCH	----
JUN20		----	----	2.915	+	0.002	----	----	163	UNCH	----
JUL20		----	----	2.952	+	0.002	----	----	163	UNCH	----
AUG20		----	----	2.980	+	0.002	----	----	188	UNCH	----
SEP20		----	----	2.981	+	0.002	----	----	163	UNCH	----
OCT20		----	----	3.011	+	0.002	----	----	163	UNCH	----
NOV20		----	----	3.084	+	0.002	----	----	161	UNCH	----
DEC20		----	----	3.232	+	0.002	----	----	178	UNCH	----
JAN21		----	----	3.367	+	0.002	----	----	55	UNCH	----
FEB21		----	----	3.337	+	0.002	----	----	55	UNCH	----
MAR21		----	----	3.272	+	0.002	----	----	55	UNCH	----
APR21		----	----	3.007	+	0.002	----	----	55	UNCH	----
MAY21		----	----	3.002	+	0.002	----	----	55	UNCH	----
JUN21		----	----	3.034	+	0.002	----	----	55	UNCH	----
JUL21		----	----	3.071	+	0.002	----	----	55	UNCH	----
AUG21		----	----	3.105	+	0.002	----	----	55	UNCH	----
SEP21		----	----	3.108	+	0.002	----	----	55	UNCH	----
OCT21		----	----	3.144	+	0.002	----	----	55	UNCH	----
NOV21		----	----	3.224	+	0.003	----	----	55	UNCH	----
DEC21		----	----	3.378	+	0.007	----	----	55	UNCH	----
TOTAL		HH FUT					2225	2740	277816	-	309
NPG FUT		HENRY HUB PENULTIMATE FUT									
SEP16		----	----	2.839	+	0.106	----	1241	32009	+	577
OCT16		----	----	2.881	+	0.098	----	166	31158	+	34
NOV16		----	----	3.034	+	0.091	----	----	19862	UNCH	----
DEC16		----	----	3.276	+	0.077	----	----	20236	UNCH	----
JAN17		----	----	3.392	+	0.077	----	198	19495	+	198
FEB17		----	----	3.378	+	0.074	----	----	15758	UNCH	----
MAR17		----	----	3.328	+	0.069	----	----	16834	UNCH	----
APR17		----	----	3.072	+	0.052	----	116	9795	UNCH	----
MAY17		----	----	3.043	+	0.045	----	116	10135	UNCH	----
JUN17		----	----	3.074	+	0.041	----	138	13327	UNCH	----
JUL17		----	----	3.103	+	0.039	----	116	10599	UNCH	----
AUG17		----	----	3.111	+	0.037	----	116	10159	-	58
SEP17		----	----	3.090	+	0.035	----	116	9472	UNCH	----
OCT17		----	----	3.109	+	0.034	----	116	10145	UNCH	----
NOV17		----	----	3.162	+	0.032	----	----	9441	UNCH	----
DEC17		----	----	3.292	+	0.030	----	----	7414	UNCH	----
JAN18		----	----	3.391	+	0.029	----	----	3245	UNCH	----
FEB18		----	----	3.353	+	0.027	----	----	3410	UNCH	----
MAR18		----	----	3.263	+	0.025	----	----	3410	UNCH	----
APR18		----	----	2.876	+	0.014	----	----	3723	UNCH	----
MAY18		----	----	2.837	+	0.013	----	----	3277	UNCH	----
JUN18		----	----	2.863	+	0.013	----	----	3277	UNCH	----
JUL18		----	----	2.893	+	0.013	----	----	3261	UNCH	----

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016 PG61	
		GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST
NPG FUT		HENRY HUB PENULTIMATE FUT						
AUG18		----	----	2.901	+	0.013	----	3261 UNCH
SEP18		----	----	2.883	+	0.012	----	3261 UNCH
OCT18		----	----	2.908	+	0.012	----	3261 UNCH
NOV18		----	----	2.971	+	0.012	----	3226 UNCH
DEC18		----	----	3.113	+	0.009	----	3246 UNCH
JAN19		----	----	3.228	+	0.009	----	1554 UNCH
FEB19		----	----	3.196	+	0.010	----	1554 UNCH
MAR19		----	----	3.131	+	0.012	----	1554 UNCH
APR19		----	----	2.851	+	0.002	----	1520 UNCH
MAY19		----	----	2.840	+	0.002	----	1520 UNCH
JUN19		----	----	2.869	+	0.002	----	1520 UNCH
JUL19		----	----	2.904	+	0.002	----	1520 UNCH
AUG19		----	----	2.917	+	0.002	----	1520 UNCH
SEP19		----	----	2.903	+	0.002	----	1520 UNCH
OCT19		----	----	2.920	+	0.002	----	1520 UNCH
NOV19		----	----	2.991	+	0.002	----	1520 UNCH
DEC19		----	----	3.137	+	0.002	----	1520 UNCH
JAN20		----	----	3.259	+	0.002	----	880 UNCH
FEB20		----	----	3.226	+	0.002	----	880 UNCH
MAR20		----	----	3.160	+	0.002	----	880 UNCH
APR20		----	----	2.890	+	0.002	----	880 UNCH
MAY20		----	----	2.883	+	0.002	----	880 UNCH
JUN20		----	----	2.915	+	0.002	----	880 UNCH
JUL20		----	----	2.952	+	0.002	----	880 UNCH
AUG20		----	----	2.980	+	0.002	----	880 UNCH
SEP20		----	----	2.981	+	0.002	----	880 UNCH
OCT20		----	----	3.011	+	0.002	----	880 UNCH
NOV20		----	----	3.084	+	0.002	----	880 UNCH
DEC20		----	----	3.232	+	0.002	----	880 UNCH
JAN21		----	----	3.367	+	0.002	----	30 UNCH
FEB21		----	----	3.337	+	0.002	----	30 UNCH
MAR21		----	----	3.272	+	0.002	----	30 UNCH
APR21		----	----	3.007	+	0.002	----	30 UNCH
MAY21		----	----	3.002	+	0.002	----	30 UNCH
JUN21		----	----	3.034	+	0.002	----	30 UNCH
JUL21		----	----	3.071	+	0.002	----	30 UNCH
AUG21		----	----	3.105	+	0.002	----	30 UNCH
SEP21		----	----	3.108	+	0.002	----	30 UNCH
OCT21		----	----	3.144	+	0.002	----	30 UNCH
NOV21		----	----	3.224	+	0.003	----	30 UNCH
DEC21		----	----	3.378	+	0.007	----	30 UNCH
TOTAL	NPG FUT						2439	314959 + 751
NHN FUT		HOUSTON SHIP CHANNEL BASIS						
AUG16		----	----	0.0080		UNCH	----	0 - 1302
SEP16		----	-0.0375A	-0.0360	-	0.0040	----	960 UNCH
OCT16		----	-0.0525A	-0.0540	-	0.0020	----	1085 UNCH
NOV16		----	----	-0.0610		UNCH	----	1020 UNCH
DEC16		----	----	-0.0860		UNCH	----	1364 UNCH
JAN17		----	----	-0.1090	-	0.0010	----	1023 UNCH
FEB17		----	----	-0.1050	-	0.0010	----	924 UNCH
MAR17		----	----	-0.0920		UNCH	----	1147 UNCH
APR17		----	----	-0.0380		UNCH	----	600 UNCH
MAY17		----	----	-0.0380		UNCH	----	620 UNCH
JUN17		----	----	-0.0400		UNCH	----	600 UNCH
JUL17		----	----	-0.0250		UNCH	----	620 UNCH
AUG17		----	----	-0.0150		UNCH	----	620 UNCH
SEP17		----	----	-0.0250		UNCH	----	600 UNCH
OCT17		----	----	-0.0400		UNCH	----	620 UNCH
NOV17		----	----	-0.0510		UNCH	----	360 UNCH
DEC17		----	----	-0.0560		UNCH	----	248 UNCH
JAN18		----	----	-0.0590	-	0.0010	----	527 UNCH
FEB18		----	----	-0.0490	-	0.0010	----	476 UNCH
MAR18		----	----	-0.0490	-	0.0010	----	527 UNCH
APR18		----	----	-0.0110		UNCH	----	420 UNCH
MAY18		----	----	-0.0060		UNCH	----	434 UNCH
JUN18		----	----	-0.0030	+	0.0010	----	420 UNCH
JUL18		----	----	0.0090		UNCH	----	434 UNCH
AUG18		----	----	0.0070	+	0.0010	----	434 UNCH
SEP18		----	----	0.0070	+	0.0010	----	420 UNCH
OCT18		----	----	-0.0020		UNCH	----	434 UNCH
NOV18		----	----	-0.0290		UNCH	----	390 UNCH
DEC18		----	----	-0.0320		UNCH	----	403 UNCH
JAN19		----	----	-0.0120		UNCH	----	527 UNCH
FEB19		----	----	-0.0140		UNCH	----	476 UNCH
MAR19		----	----	-0.0140		UNCH	----	527 UNCH
APR19		----	----	0.0080		UNCH	----	510 UNCH
MAY19		----	----	0.0080		UNCH	----	527 UNCH
JUN19		----	----	0.0080		UNCH	----	510 UNCH
JUL19		----	----	0.0230		UNCH	----	527 UNCH
AUG19		----	----	0.0230		UNCH	----	527 UNCH
SEP19		----	----	0.0230		UNCH	----	510 UNCH
OCT19		----	----	0.0150		UNCH	----	527 UNCH
NOV19		----	----	0.0110		UNCH	----	510 UNCH
DEC19		----	----	0.0090		UNCH	----	527 UNCH
JAN20		----	----	0.0090		UNCH	----	279 UNCH
FEB20		----	----	0.0040		UNCH	----	261 UNCH
MAR20		----	----	0.0040		UNCH	----	279 UNCH
APR20		----	----	0.0310		UNCH	----	270 UNCH
MAY20		----	----	0.0310		UNCH	----	279 UNCH
JUN20		----	----	0.0310		UNCH	----	270 UNCH
JUL20		----	----	0.0460		UNCH	----	279 UNCH
AUG20		----	----	0.0460		UNCH	----	279 UNCH
SEP20		----	----	0.0460		UNCH	----	270 UNCH
OCT20		----	----	0.0390		UNCH	----	279 UNCH
NOV20		----	----	0.0160		UNCH	----	270 UNCH
DEC20		----	----	0.0160		UNCH	----	279 UNCH
JAN21		----	----	0.0220		UNCH	----	155 UNCH
FEB21		----	----	0.0120		UNCH	----	140 UNCH
MAR21		----	----	0.0120		UNCH	----	155 UNCH
APR21		----	----	0.0700		UNCH	----	150 UNCH
MAY21		----	----	0.0700		UNCH	----	155 UNCH
JUN21		----	----	0.0700		UNCH	----	150 UNCH
JUL21		----	----	0.0800		UNCH	----	155 UNCH
AUG21		----	----	0.0800		UNCH	----	155 UNCH
SEP21		----	----	0.0800		UNCH	----	150 UNCH
OCT21		----	----	0.0720		UNCH	----	155 UNCH

PG61 BULLETIN #148@			ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61		
		GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
NHN FUT		HOUSTON SHIP CHANNEL BASIS							
NOV21		----	----	0.0450 UNCH		----	----	150 UNCH	
DEC21		----	----	0.0480 UNCH		----	----	155 UNCH	
TOTAL NHN FUT								29054 - 1302	
IP FUT		HOUSTON SHIP CHANNEL INDEX							
AUG16		----	----	0.1578 + 0.0337		----	----	186 UNCH	
TOTAL IP FUT								186	
XJ FUT		HOUSTON SHIP CHANNEL PIPE							
JAN17		----	----	3.283 + 0.076		----	----	408 UNCH	
FEB17		----	----	3.273 + 0.073		----	----	400 UNCH	
MAR17		----	----	3.236 + 0.069		----	----	392 UNCH	
APR17		----	----	3.034 + 0.052		----	----	386 UNCH	
MAY17		----	----	3.005 + 0.045		----	----	380 UNCH	
JUN17		----	----	3.034 + 0.041		----	----	372 UNCH	
JUL17		----	----	3.078 + 0.039		----	----	368 UNCH	
AUG17		----	----	3.096 + 0.037		----	----	362 UNCH	
SEP17		----	----	3.065 + 0.035		----	----	357 UNCH	
TOTAL XJ FUT								3425	
MFS FUT		MICHCON IFERC FIXED PRICE							
AUG16		----	----	2.5900 UNCH		----	----	0 - 124	
SEP16		----	----	2.7630 + 0.1080		----	----	120 UNCH	
OCT16		----	----	2.8240 + 0.0990		----	----	124 UNCH	
NOV16		----	----	3.1560 + 0.0800		----	----	120 UNCH	
DEC16		----	----	3.3850 + 0.0650		----	----	124 UNCH	
TOTAL MFS FUT								488 - 124	
Y8 FUT		MICHCON NG INDEX							
AUG16		----	----	0.2103 + 0.0496		----	----	620 UNCH	
SEP16		----	----	0.0000 UNCH		----	----	600 UNCH	
OCT16		----	----	0.0000 UNCH		----	----	620 UNCH	
TOTAL Y8 FUT								1840	
NF FUT		MICHIGAN BASIS							
AUG16		----	----	-0.0820 UNCH		----	----	0 - 819	
SEP16		----	----	-0.0760 + 0.0020		----	----	674 UNCH	
OCT16		----	----	-0.0570 + 0.0010		----	----	478 UNCH	
NOV16		----	----	0.1220 - 0.0110		----	----	364 UNCH	
DEC16		----	----	0.1090 - 0.0120		----	----	345 UNCH	
JAN17		----	----	0.0840 - 0.0120		----	----	469 UNCH	
FEB17		----	----	0.1220 - 0.0100		----	----	424 UNCH	
MAR17		----	----	0.1420 - 0.0040		----	----	469 UNCH	
APR17		----	----	0.0790 - 0.0020		----	----	510 UNCH	
MAY17		----	----	-0.0210 - 0.0020		----	----	527 UNCH	
JUN17		----	----	-0.0640 - 0.0020		----	----	510 UNCH	
JUL17		----	----	-0.0690 - 0.0020		----	----	527 UNCH	
AUG17		----	----	-0.0860 - 0.0020		----	----	527 UNCH	
SEP17		----	----	-0.0610 - 0.0020		----	----	510 UNCH	
OCT17		----	----	-0.0510 - 0.0020		----	----	527 UNCH	
NOV17		----	----	0.0850 - 0.0180		----	----	360 UNCH	
DEC17		----	----	0.0670 - 0.0170		----	----	372 UNCH	
JAN18		----	----	0.0850 - 0.0070		----	----	348 UNCH	
FEB18		----	----	0.0720 - 0.0180		----	----	324 UNCH	
MAR18		----	----	0.0130 - 0.0230		----	----	348 UNCH	
APR18		----	----	0.0120 - 0.0170		----	----	100 UNCH	
MAY18		----	----	-0.0800 - 0.0200		----	----	100 UNCH	
JUN18		----	----	-0.0930 - 0.0170		----	----	100 UNCH	
JUL18		----	----	-0.1580 - 0.0230		----	----	100 UNCH	
AUG18		----	----	-0.1620 - 0.0220		----	----	100 UNCH	
SEP18		----	----	-0.1540 - 0.0240		----	----	100 UNCH	
OCT18		----	----	-0.1710 - 0.0270		----	----	100 UNCH	
NOV18		----	----	0.0680 - 0.0220		----	----	100 UNCH	
DEC18		----	----	0.0590 - 0.0220		----	----	100 UNCH	
JAN19		----	----	0.0410 - 0.0220		----	----	31 UNCH	
FEB19		----	----	0.0590 - 0.0210		----	----	28 UNCH	
MAR19		----	----	0.0530 - 0.0190		----	----	31 UNCH	
APR19		----	----	0.0260 - 0.0160		----	----	30 UNCH	
MAY19		----	----	-0.0560 - 0.0150		----	----	31 UNCH	
JUN19		----	----	-0.0770 - 0.0150		----	----	30 UNCH	
JUL19		----	----	-0.0760 - 0.0150		----	----	31 UNCH	
AUG19		----	----	-0.0860 - 0.0150		----	----	31 UNCH	
SEP19		----	----	-0.0740 - 0.0160		----	----	30 UNCH	
OCT19		----	----	-0.0990 - 0.0160		----	----	31 UNCH	
NOV19		----	----	0.0830 - 0.0250		----	----	30 UNCH	
DEC19		----	----	0.0740 - 0.0240		----	----	31 UNCH	
TOTAL NF FUT								9878 - 819	
NL FUT		NGPL MID-CONTINENT							
AUG16		----	----	-0.1520 UNCH		----	----	0 - 721	
SEP16		----	----	-0.1740 UNCH		----	----	1046 UNCH	
OCT16		----	----	-0.1920 - 0.0020		----	----	1483 UNCH	
NOV16		----	----	-0.1380 - 0.0020		----	----	701 UNCH	
DEC16		----	----	-0.0930 - 0.0020		----	----	723 UNCH	
JAN17		----	----	-0.0830 - 0.0040		----	----	1652 UNCH	
FEB17		----	----	-0.0830 - 0.0030		----	----	1493 UNCH	
MAR17		----	----	-0.1440 - 0.0030		----	----	1652 UNCH	
APR17		----	----	-0.1690 - 0.0010		----	----	1200 UNCH	
MAY17		----	----	-0.2670 - 0.0010		----	----	1240 UNCH	
JUN17		----	----	-0.2320 - 0.0020		----	----	1200 UNCH	
JUL17		----	----	-0.2120 - 0.0020		----	----	1240 UNCH	
AUG17		----	----	-0.2140 - 0.0010		----	----	1240 UNCH	
SEP17		----	----	-0.2300 - 0.0020		----	----	1200 UNCH	
OCT17		----	----	-0.2550 - 0.0020		----	----	1240 UNCH	
NOV17		----	----	-0.1110 + 0.0060		----	----	870 UNCH	
DEC17		----	----	-0.0850 + 0.0030		----	----	899 UNCH	
JAN18		----	----	-0.0940 + 0.0020		----	----	620 UNCH	
FEB18		----	----	-0.0990 + 0.0010		----	----	560 UNCH	
MAR18		----	----	-0.1300 + 0.0030		----	----	620 UNCH	
APR18		----	----	-0.1810 - 0.0030		----	----	930 UNCH	
MAY18		----	----	-0.2640 - 0.0020		----	----	961 UNCH	
JUN18		----	----	-0.2380 - 0.0030		----	----	930 UNCH	
JUL18		----	----	-0.2250 - 0.0030		----	----	961 UNCH	
AUG18		----	----	-0.2280 - 0.0040		----	----	961 UNCH	
SEP18		----	----	-0.2370 - 0.0030		----	----	930 UNCH	
OCT18		----	----	-0.2580 - 0.0020		----	----	961 UNCH	
NOV18		----	----	-0.0870 - 0.0020		----	----	810 UNCH	



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PRELIMINARY

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016 PG61	
	GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
NL FUT	NGPL MID-CONTINENT							
DEC18	----	----	-0.0430	- 0.0030	----	----	837	UNCH
JAN19	----	----	-0.0280	- 0.0030	----	----	837	UNCH
FEB19	----	----	-0.0280	- 0.0040	----	----	756	UNCH
MAR19	----	----	-0.0640	- 0.0030	----	----	837	UNCH
APR19	----	----	-0.1210	UNCH	----	----	840	UNCH
MAY19	----	----	-0.2160	UNCH	----	----	868	UNCH
JUN19	----	----	-0.1840	- 0.0010	----	----	840	UNCH
JUL19	----	----	-0.1680	UNCH	----	----	868	UNCH
AUG19	----	----	-0.1710	UNCH	----	----	868	UNCH
SEP19	----	----	-0.1820	UNCH	----	----	840	UNCH
OCT19	----	----	-0.2050	- 0.0010	----	----	868	UNCH
NOV19	----	----	0.0080	- 0.0020	----	----	600	UNCH
DEC19	----	----	-0.0080	- 0.0040	----	----	620	UNCH
JAN20	----	----	0.0000	- 0.0030	----	----	620	UNCH
FEB20	----	----	0.0030	- 0.0040	----	----	580	UNCH
MAR20	----	----	-0.0340	- 0.0040	----	----	620	UNCH
TOTAL NL FUT							40622	- 721
IW FUT	NGPL MIDCONTINENT INDEX							
JUL16	----	----	-0.0318	UNCH	----	----	0	- 1581
AUG16	----	----	0.2090	+ 0.1390	----	----	496	UNCH
SEP16	----	----	0.0000	UNCH	----	----	600	UNCH
OCT16	----	----	0.0000	UNCH	----	----	620	UNCH
TOTAL IW FUT							1716	- 1581
PX FUT	NGPL MIDCONTINENT SWING							
30JUL16	----	----	2.6150	UNCH	----	----	0	- 20
31JUL16	----	----	2.6150	UNCH	----	----	0	- 20
TOTAL PX FUT							0	- 40
PD FUT	NGPL TEX /OK							
AUG16	----	----	-0.0520	UNCH	----	----	0	- 2327
SEP16	----	----	-0.0830	UNCH	----	----	1970	UNCH
OCT16	----	----	-0.0800	+ 0.0010	----	----	2417	UNCH
NOV16	----	----	-0.0760	+ 0.0050	----	----	2706	UNCH
DEC16	----	----	-0.0730	+ 0.0050	----	----	2777	UNCH
JAN17	----	----	-0.0880	+ 0.0020	----	----	2666	UNCH
FEB17	----	----	-0.0860	+ 0.0050	----	----	2408	UNCH
MAR17	----	----	-0.0790	+ 0.0050	----	----	2666	UNCH
APR17	----	----	-0.0470	+ 0.0010	----	----	1260	UNCH
MAY17	----	----	-0.0920	+ 0.0010	----	----	1302	UNCH
JUN17	----	----	-0.0970	+ 0.0010	----	----	1260	UNCH
JUL17	----	----	-0.0750	UNCH	----	----	1302	UNCH
AUG17	----	----	-0.0600	UNCH	----	----	1302	UNCH
SEP17	----	----	-0.0870	+ 0.0010	----	----	1260	UNCH
OCT17	----	----	-0.0920	+ 0.0010	----	----	1302	UNCH
NOV17	----	----	-0.0790	+ 0.0010	----	----	1260	UNCH
DEC17	----	----	-0.0810	+ 0.0010	----	----	1302	UNCH
JAN18	----	----	-0.0790	+ 0.0010	----	----	899	UNCH
FEB18	----	----	-0.0780	+ 0.0030	----	----	812	UNCH
MAR18	----	----	-0.0760	+ 0.0020	----	----	899	UNCH
APR18	----	----	-0.0240	UNCH	----	----	930	UNCH
MAY18	----	----	-0.0580	+ 0.0010	----	----	961	UNCH
JUN18	----	----	-0.0600	UNCH	----	----	930	UNCH
JUL18	----	----	-0.0390	UNCH	----	----	961	UNCH
AUG18	----	----	-0.0260	UNCH	----	----	961	UNCH
SEP18	----	----	-0.0570	UNCH	----	----	930	UNCH
OCT18	----	----	-0.0640	UNCH	----	----	961	UNCH
NOV18	----	----	-0.0410	+ 0.0010	----	----	810	UNCH
DEC18	----	----	-0.0390	+ 0.0010	----	----	837	UNCH
JAN19	----	----	-0.0450	- 0.0020	----	----	651	UNCH
FEB19	----	----	-0.0440	UNCH	----	----	588	UNCH
MAR19	----	----	-0.0400	+ 0.0010	----	----	651	UNCH
APR19	----	----	-0.0150	+ 0.0010	----	----	630	UNCH
MAY19	----	----	-0.0590	+ 0.0010	----	----	651	UNCH
JUN19	----	----	-0.0630	+ 0.0010	----	----	630	UNCH
JUL19	----	----	-0.0400	UNCH	----	----	651	UNCH
AUG19	----	----	-0.0250	UNCH	----	----	651	UNCH
SEP19	----	----	-0.0540	UNCH	----	----	630	UNCH
OCT19	----	----	-0.0600	UNCH	----	----	651	UNCH
NOV19	----	----	-0.0410	UNCH	----	----	630	UNCH
DEC19	----	----	-0.0390	+ 0.0010	----	----	651	UNCH
JAN20	----	----	-0.0450	- 0.0020	----	----	620	UNCH
FEB20	----	----	-0.0420	+ 0.0010	----	----	580	UNCH
MAR20	----	----	-0.0400	+ 0.0010	----	----	620	UNCH
TOTAL PD FUT							49536	- 2327
PE FUT	NORTHEN NATURAL GAS DEMARCATION							
AUG16	----	----	-0.0320	UNCH	----	----	0	- 164
SEP16	----	----	-0.1090	+ 0.0040	----	----	86	UNCH
OCT16	----	----	-0.1210	- 0.0110	----	----	88	UNCH
NOV16	----	----	0.0240	UNCH	----	----	116	UNCH
DEC16	----	----	0.0760	- 0.0020	----	----	493	UNCH
JAN17	----	----	0.2120	- 0.0040	----	----	74	UNCH
FEB17	----	----	0.2120	- 0.0040	----	----	68	UNCH
MAR17	----	----	0.0650	- 0.0010	----	----	74	UNCH
APR17	----	----	-0.0830	- 0.0050	----	----	64	UNCH
MAY17	----	----	-0.2360	- 0.0600	----	----	66	UNCH
JUN17	----	----	-0.2330	- 0.0050	----	----	64	UNCH
JUL17	----	----	-0.2010	+ 0.0370	----	----	62	UNCH
AUG17	----	----	-0.2030	+ 0.0550	----	----	62	UNCH
SEP17	----	----	-0.2030	+ 0.0180	----	----	60	UNCH
OCT17	----	----	-0.1730	- 0.0670	----	----	62	UNCH
NOV17	----	----	-0.0220	UNCH	----	----	8	UNCH
DEC17	----	----	0.0180	UNCH	----	----	8	UNCH
JAN18	----	----	0.1220	UNCH	----	----	8	UNCH
FEB18	----	----	0.1200	UNCH	----	----	8	UNCH
MAR18	----	----	0.1000	UNCH	----	----	8	UNCH
APR18	----	----	-0.0670	- 0.0070	----	----	8	UNCH
MAY18	----	----	-0.2150	- 0.0080	----	----	8	UNCH
JUN18	----	----	-0.2400	- 0.0080	----	----	8	UNCH
JUL18	----	----	-0.2270	- 0.0070	----	----	8	UNCH
AUG18	----	----	-0.2270	- 0.0070	----	----	8	UNCH
SEP18	----	----	-0.2370	- 0.0070	----	----	8	UNCH
OCT18	----	----	-0.2570	- 0.0070	----	----	8	UNCH
NOV18	----	----	0.0450	- 0.0100	----	----	8	UNCH
DEC18	----	----	0.0550	- 0.0100	----	----	8	UNCH



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PRELIMINARY

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016 PG61		
	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
PE FUT	NORTHEN NATURAL GAS DEMARCATION								
APR19	----	----	-0.1220	-	0.0020	----	----	60	UNCH
MAY19	----	----	-0.2080	-	0.0030	----	----	62	UNCH
JUN19	----	----	-0.1800	-	0.0020	----	----	60	UNCH
JUL19	----	----	-0.1620	-	0.0020	----	----	62	UNCH
AUG19	----	----	-0.1600	-	0.0020	----	----	62	UNCH
SEP19	----	----	-0.1780	-	0.0030	----	----	60	UNCH
OCT19	----	----	-0.2000	-	0.0020	----	----	62	UNCH
TOTAL	PE FUT							1979	- 164
PF FUT	NORTHEN NATURAL GAS VENTURA IOWA								
AUG16	----	----	-0.0720		UNCH	----	----	0	- 310
SEP16	----	----	-0.1360	+	0.0080	----	----	180	UNCH
OCT16	----	----	-0.1250	-	0.0050	----	----	217	UNCH
NOV16	----	----	0.0240	-	0.0020	----	----	360	UNCH
DEC16	----	----	0.1110	-	0.0010	----	----	372	UNCH
JAN17	----	----	0.3290	-	0.0050	----	----	403	UNCH
FEB17	----	----	0.3230	-	0.0020	----	----	364	UNCH
MAR17	----	----	0.0470		UNCH	----	----	403	UNCH
APR17	----	----	-0.0730	+	0.0030	----	----	360	UNCH
MAY17	----	----	-0.1920	+	0.0070	----	----	372	UNCH
JUN17	----	----	-0.2510	+	0.0020	----	----	360	UNCH
JUL17	----	----	-0.2560	+	0.0020	----	----	372	UNCH
AUG17	----	----	-0.2760	+	0.0030	----	----	372	UNCH
SEP17	----	----	-0.2410	+	0.0030	----	----	360	UNCH
OCT17	----	----	-0.1670	+	0.0010	----	----	372	UNCH
NOV17	----	----	-0.0210	-	0.0060	----	----	180	UNCH
DEC17	----	----	0.0400	-	0.0040	----	----	186	UNCH
JAN18	----	----	0.2190	-	0.0050	----	----	31	UNCH
FEB18	----	----	0.2120	-	0.0040	----	----	28	UNCH
MAR18	----	----	0.0600	-	0.0030	----	----	31	UNCH
TOTAL	PF FUT							5323	- 310
XR FUT	NORTHERN ROCKIES PIPE								
NOV16	----	----	2.920	+	0.089	----	----	60	UNCH
DEC16	----	----	3.335	+	0.074	----	----	62	UNCH
JAN17	----	----	3.384	+	0.075	----	----	31	UNCH
FEB17	----	----	3.353	+	0.073	----	----	28	UNCH
MAR17	----	----	3.082	+	0.065	----	----	31	UNCH
APR17	----	----	2.765	+	0.053	----	----	30	UNCH
MAY17	----	----	2.748	+	0.043	----	----	31	UNCH
JUN17	----	----	2.782	+	0.038	----	----	30	UNCH
JUL17	----	----	2.847	+	0.038	----	----	31	UNCH
AUG17	----	----	2.859	+	0.036	----	----	31	UNCH
SEP17	----	----	2.833	+	0.034	----	----	30	UNCH
OCT17	----	----	2.890	+	0.038	----	----	31	UNCH
NOV17	----	----	3.045	+	0.031	----	----	30	UNCH
DEC17	----	----	3.261	+	0.025	----	----	31	UNCH
JAN18	----	----	3.315	+	0.024	----	----	31	UNCH
FEB18	----	----	3.268	+	0.022	----	----	28	UNCH
MAR18	----	----	3.114	+	0.038	----	----	31	UNCH
APR18	----	----	2.620	+	0.021	----	----	30	UNCH
MAY18	----	----	2.531	+	0.012	----	----	31	UNCH
JUN18	----	----	2.557	+	0.013	----	----	30	UNCH
TOTAL	XR FUT							668	
NR FUT	NORTHWEST ROCKIES BASIS FUTURE								
AUG16	----	----	-0.1620		UNCH	----	----	0	- 3026
SEP16	----	-0.2375A	-0.2350	-	0.0110	----	----	2980	UNCH
OCT16	----	-0.2550A	-0.2570	-	0.0140	----	----	3491	UNCH
NOV16	----		-0.1140	-	0.0020	----	----	3810	UNCH
DEC16	----		0.0590	-	0.0030	----	----	4557	UNCH
JAN17	----		-0.0080	-	0.0020	----	----	2883	UNCH
FEB17	----		-0.0250	-	0.0010	----	----	2548	UNCH
MAR17	----		-0.2460	-	0.0040	----	----	2883	UNCH
APR17	----		-0.3070	+	0.0010	----	150	2940	- 60
MAY17	----		-0.2950	-	0.0020	----	155	2914	- 62
JUN17	----		-0.2920	-	0.0030	----	150	2820	- 60
JUL17	----		-0.2560	-	0.0010	----	155	2697	- 62
AUG17	----		-0.2520	-	0.0010	----	155	2697	- 62
SEP17	----		-0.2570	-	0.0010	----	150	2610	- 60
OCT17	----		-0.2190	+	0.0040	----	155	2697	- 62
NOV17	----		-0.1170	-	0.0010	----	----	2430	UNCH
DEC17	----		-0.0310	-	0.0050	----	----	2511	UNCH
JAN18	----		-0.0760	-	0.0050	----	----	1612	UNCH
FEB18	----		-0.0850	-	0.0050	----	----	1456	UNCH
MAR18	----		-0.1490	+	0.0130	----	----	1612	UNCH
APR18	----		-0.2560	+	0.0070	----	----	1530	UNCH
MAY18	----		-0.3060	-	0.0010	----	----	1581	UNCH
JUN18	----		-0.3060		UNCH	----	----	1530	UNCH
JUL18	----		-0.2800	-	0.0030	----	----	1674	UNCH
AUG18	----		-0.2780	-	0.0020	----	----	1674	UNCH
SEP18	----		-0.2810	-	0.0020	----	----	1620	UNCH
OCT18	----		-0.2640	-	0.0070	----	----	1674	UNCH
NOV18	----		-0.1090		UNCH	----	----	1650	UNCH
DEC18	----		-0.0020		UNCH	----	----	1705	UNCH
JAN19	----		-0.0460	+	0.0010	----	----	1519	UNCH
FEB19	----		-0.0510		UNCH	----	----	1372	UNCH
MAR19	----		-0.1670		UNCH	----	----	1519	UNCH
APR19	----		-0.2480	+	0.0010	----	----	1500	UNCH
MAY19	----		-0.2770	-	0.0010	----	----	1550	UNCH
JUN19	----		-0.2780	-	0.0010	----	----	1500	UNCH
JUL19	----		-0.2450	-	0.0010	----	----	1550	UNCH
AUG19	----		-0.2430	-	0.0010	----	----	1550	UNCH
SEP19	----		-0.2480	-	0.0010	----	----	1500	UNCH
OCT19	----		-0.2170		UNCH	----	----	1550	UNCH
NOV19	----		-0.1020	+	0.0010	----	----	1320	UNCH
DEC19	----		0.0090		UNCH	----	----	1364	UNCH
JAN20	----		-0.0230		UNCH	----	----	124	UNCH
FEB20	----		-0.0280	+	0.0010	----	----	116	UNCH
MAR20	----		-0.1450		UNCH	----	----	124	UNCH
APR20	----		-0.2100	+	0.0010	----	----	60	UNCH
MAY20	----		-0.2390	-	0.0010	----	----	62	UNCH
JUN20	----		-0.2400	-	0.0010	----	----	60	UNCH
JUL20	----		-0.2050		UNCH	----	----	62	UNCH
AUG20	----		-0.2030	-	0.0010	----	----	62	UNCH
SEP20	----		-0.2080		UNCH	----	----	60	UNCH
OCT20	----		-0.1770	-	0.0010	----	----	62	UNCH



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PRELIMINARY

PG61 BULLETIN #148@				ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61			
		GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
NR FUT	NORTHWEST ROCKIES BASIS FUTURE										
NOV20		----	----	-0.0870	+	0.0010	----	----	60	UNCH	
DEC20		----	----	0.0280		UNCH	----	----	62	UNCH	
TOTAL	NR FUT							1070	85494	- 3454	
HP FUT	NYMEX NATURAL GAS FUTURES										
SEP16		----	----	2.839	+	0.106	538	591	16946	+ 474	
OCT16		----	----	2.881	+	0.098	----	185	18182	- 30	
NOV16		----	----	3.034	+	0.091	----	667	7766	+ 228	
DEC16		----	----	3.276	+	0.077	----	389	8698	+ 163	
JAN17		----	----	3.392	+	0.077	----	140	7230	+ 90	
FEB17		----	----	3.378	+	0.074	----	4	5322	UNCH	
MAR17		----	----	3.328	+	0.069	----	144	10441	+ 54	
APR17		----	----	3.072	+	0.052	----	295	3203	- 198	
MAY17		----	----	3.043	+	0.045	----	295	3698	- 199	
JUN17		----	----	3.074	+	0.041	----	317	3318	- 205	
JUL17		----	----	3.103	+	0.039	----	295	2903	- 202	
AUG17		----	----	3.111	+	0.037	----	295	2410	- 202	
SEP17		----	----	3.090	+	0.035	----	295	2453	- 202	
OCT17		----	----	3.109	+	0.034	----	295	2808	- 202	
NOV17		----	----	3.162	+	0.032	----	----	1928	UNCH	
DEC17		----	----	3.292	+	0.030	----	----	5134	UNCH	
JAN18		----	----	3.391	+	0.029	----	----	886	UNCH	
FEB18		----	----	3.353	+	0.027	----	75	1040	+ 30	
MAR18		----	----	3.263	+	0.025	----	----	1260	UNCH	
APR18		----	----	2.876	+	0.014	----	----	1000	UNCH	
MAY18		----	----	2.837	+	0.013	----	----	1027	UNCH	
JUN18		----	----	2.863	+	0.013	----	----	1027	UNCH	
JUL18		----	----	2.893	+	0.013	----	----	1027	UNCH	
AUG18		----	----	2.901	+	0.013	----	----	1027	UNCH	
SEP18		----	----	2.883	+	0.012	----	----	1027	UNCH	
OCT18		----	----	2.908	+	0.012	----	----	1042	UNCH	
NOV18		----	----	2.971	+	0.012	----	----	1081	UNCH	
DEC18		----	----	3.113	+	0.009	----	----	1177	UNCH	
JAN19		----	----	3.228	+	0.009	----	----	710	UNCH	
FEB19		----	----	3.196	+	0.010	----	----	710	UNCH	
MAR19		----	----	3.131	+	0.012	----	----	710	UNCH	
APR19		----	----	2.851	+	0.002	----	----	330	UNCH	
MAY19		----	----	2.840	+	0.002	----	----	330	UNCH	
JUN19		----	----	2.869	+	0.002	----	----	330	UNCH	
JUL19		----	----	2.904	+	0.002	----	----	330	UNCH	
AUG19		----	----	2.917	+	0.002	----	----	330	UNCH	
SEP19		----	----	2.903	+	0.002	----	----	330	UNCH	
OCT19		----	----	2.920	+	0.002	----	----	330	UNCH	
NOV19		----	----	2.991	+	0.002	----	----	323	UNCH	
DEC19		----	----	3.137	+	0.002	----	----	271	UNCH	
JAN20		----	----	3.259	+	0.002	----	----	189	UNCH	
FEB20		----	----	3.226	+	0.002	----	----	189	UNCH	
MAR20		----	----	3.160	+	0.002	----	----	189	UNCH	
APR20		----	----	2.890	+	0.002	----	----	189	UNCH	
MAY20		----	----	2.883	+	0.002	----	----	189	UNCH	
JUN20		----	----	2.915	+	0.002	----	----	189	UNCH	
JUL20		----	----	2.952	+	0.002	----	----	189	UNCH	
AUG20		----	----	2.980	+	0.002	----	----	189	UNCH	
SEP20		----	----	2.981	+	0.002	----	----	189	UNCH	
OCT20		----	----	3.011	+	0.002	----	----	189	UNCH	
NOV20		----	----	3.084	+	0.002	----	----	189	UNCH	
DEC20		----	----	3.232	+	0.002	----	----	189	UNCH	
JAN21		----	----	3.367	+	0.002	----	----	42	UNCH	
FEB21		----	----	3.337	+	0.002	----	----	42	UNCH	
MAR21		----	----	3.272	+	0.002	----	----	42	UNCH	
APR21		----	----	3.007	+	0.002	----	----	42	UNCH	
MAY21		----	----	3.002	+	0.002	----	----	42	UNCH	
JUN21		----	----	3.034	+	0.002	----	----	42	UNCH	
JUL21		----	----	3.071	+	0.002	----	----	42	UNCH	
AUG21		----	----	3.105	+	0.002	----	----	42	UNCH	
SEP21		----	----	3.108	+	0.002	----	----	42	UNCH	
OCT21		----	----	3.144	+	0.002	----	----	42	UNCH	
NOV21		----	----	3.224	+	0.003	----	----	42	UNCH	
DEC21		----	----	3.378	+	0.007	----	----	42	UNCH	
TOTAL	HP FUT						538	4282	122867	- 401	
8X FUT	ONEOK OKLAHOMA NG BASIS										
AUG16		----	----	-0.1620		UNCH	----	----	0	- 275	
SEP16		----	----	-0.2240	-	0.0020	----	----	270	UNCH	
OCT16		----	----	-0.2520	+	0.0010	----	----	109	UNCH	
NOV16		----	----	-0.1920		UNCH	----	----	224	UNCH	
DEC16		----	----	-0.1160		UNCH	----	----	230	UNCH	
JAN17		----	----	-0.1090	-	0.0010	----	----	199	UNCH	
FEB17		----	----	-0.1050	-	0.0010	----	----	184	UNCH	
MAR17		----	----	-0.1970	+	0.0010	----	----	199	UNCH	
APR17		----	----	-0.2280	+	0.0020	----	----	30	UNCH	
MAY17		----	----	-0.3130	+	0.0020	----	----	95	UNCH	
JUN17		----	----	-0.2830	+	0.0020	----	----	94	UNCH	
JUL17		----	----	-0.2660	+	0.0020	----	----	95	UNCH	
AUG17		----	----	-0.2660	+	0.0010	----	----	95	UNCH	
SEP17		----	----	-0.2860	+	0.0020	----	----	94	UNCH	
OCT17		----	----	-0.3060	+	0.0010	----	----	31	UNCH	
NOV17		----	----	-0.1590	-	0.0010	----	----	30	UNCH	
DEC17		----	----	-0.1090	-	0.0020	----	----	31	UNCH	
JAN18		----	----	-0.1310	-	0.0050	----	----	62	UNCH	
FEB18		----	----	-0.1300	-	0.0060	----	----	56	UNCH	
MAR18		----	----	-0.1600	+	0.0010	----	----	62	UNCH	
APR18		----	----	-0.2400	-	0.0020	----	----	60	UNCH	
MAY18		----	----	-0.3240	-	0.0010	----	----	62	UNCH	
JUN18		----	----	-0.2960	-	0.0010	----	----	60	UNCH	
JUL18		----	----	-0.2780	-	0.0010	----	----	62	UNCH	
AUG18		----	----	-0.2780	-	0.0010	----	----	62	UNCH	
SEP18		----	----	-0.2960	-	0.0010	----	----	60	UNCH	
OCT18		----	----	-0.3180	-	0.0010	----	----	62	UNCH	
NOV18		----	----	-0.1430	-	0.0120	----	----	60	UNCH	
DEC18		----	----	-0.0860	-	0.0140	----	----	62	UNCH	
TOTAL	8X FUT								2740	- 275	
PH FUT	PANHANDLE BASIS FUTURE										
AUG16		----	----	-0.2420		UNCH	----	----	0	- 2412	
SEP16		----	-0.2275A	-0.2240	-	0.0020	----	60	2747	UNCH	
OCT16		----	----	-0.2520	+	0.0010	----	----	2963	UNCH	

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ENERGY FUTURES PRODUCTS

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		LOBEX OPEN	LOBEX HIGH/LOW	SETT. & PT.	PRICE CHGE	LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
PH	FUT	PANHANDLE BASIS FUTURE							
	NOV16	-0.1850	-0.1850 /-0.18	-0.1920	UNCH	30	----	2957	UNCH
	DEC16	----	----	-0.1160	UNCH	----	----	3023	UNCH
	JAN17	----	----	-0.1090	- 0.0010	----	----	1537	UNCH
	FEB17	----	----	-0.1050	- 0.0010	----	----	1392	UNCH
	MAR17	----	----	-0.1970	+ 0.0010	----	----	1536	UNCH
	APR17	----	----	-0.2280	+ 0.0020	----	----	1847	UNCH
	MAY17	----	----	-0.3130	+ 0.0020	----	----	1907	UNCH
	JUN17	----	----	-0.2830	+ 0.0020	----	----	1847	UNCH
	JUL17	----	----	-0.2660	+ 0.0020	----	----	1909	UNCH
	AUG17	----	----	-0.2660	+ 0.0010	----	----	1909	UNCH
	SEP17	----	----	-0.2860	+ 0.0020	----	----	1849	UNCH
	OCT17	----	----	-0.3060	+ 0.0010	----	----	1921	UNCH
	NOV17	----	----	-0.1590	- 0.0010	----	540	1320	+ 180
	DEC17	----	----	-0.1090	- 0.0020	----	540	1357	+ 180
	JAN18	----	----	-0.1310	- 0.0050	----	360	923	+ 360
	FEB18	----	----	-0.1300	- 0.0060	----	360	872	+ 360
	MAR18	----	----	-0.1600	+ 0.0010	----	360	922	+ 360
	APR18	----	----	-0.2400	- 0.0020	----	----	780	UNCH
	MAY18	----	----	-0.3240	- 0.0010	----	----	806	UNCH
	JUN18	----	----	-0.2960	- 0.0010	----	----	780	UNCH
	JUL18	----	----	-0.2780	- 0.0010	----	----	806	UNCH
	AUG18	----	----	-0.2780	- 0.0010	----	----	806	UNCH
	SEP18	----	----	-0.2960	- 0.0010	----	----	780	UNCH
	OCT18	----	----	-0.3180	- 0.0010	----	----	806	UNCH
	NOV18	----	----	-0.1430	- 0.0120	----	60	494	+ 60
	DEC18	----	----	-0.0860	- 0.0140	----	62	508	+ 62
	JAN19	----	----	-0.0940	- 0.0140	----	62	251	+ 62
	FEB19	----	----	-0.0920	- 0.0150	----	56	229	+ 56
	MAR19	----	----	-0.1400	- 0.0140	----	62	250	+ 62
	APR19	----	----	-0.2060	- 0.0010	----	----	270	UNCH
	MAY19	----	----	-0.2940	- 0.0010	----	----	279	UNCH
	JUN19	----	----	-0.2630	- 0.0010	----	----	270	UNCH
	JUL19	----	----	-0.2450	UNCH	----	----	279	UNCH
	AUG19	----	----	-0.2450	UNCH	----	----	279	UNCH
	SEP19	----	----	-0.2640	- 0.0010	----	----	270	UNCH
	OCT19	----	----	-0.2860	- 0.0010	----	----	279	UNCH
	NOV19	----	----	-0.1430	- 0.0130	----	----	32	UNCH
	DEC19	----	----	-0.0870	- 0.0140	----	----	32	UNCH
	JAN20	----	----	-0.0970	- 0.0150	----	----	31	UNCH
	FEB20	----	----	-0.0920	- 0.0150	----	----	31	UNCH
	MAR20	----	----	-0.1430	- 0.0150	----	----	31	UNCH
	APR20	----	----	-0.1620	UNCH	----	----	61	UNCH
	MAY20	----	----	-0.2510	UNCH	----	----	62	UNCH
	JUN20	----	----	-0.2200	UNCH	----	----	61	UNCH
	JUL20	----	----	-0.2020	- 0.0010	----	----	61	UNCH
	AUG20	----	----	-0.2020	- 0.0010	----	----	61	UNCH
	SEP20	----	----	-0.2210	UNCH	----	----	60	UNCH
	OCT20	----	----	-0.2430	- 0.0010	----	----	61	UNCH
	NOV20	----	----	-0.1630	- 0.0120	----	----	30	UNCH
	DEC20	----	----	-0.1060	- 0.0140	----	----	30	UNCH
TOTAL	PH FUT					30	2522	44604	- 670
IV	FUT	PANHANDLE INDEX FUTURE							
	JUL16	----	----	-0.1103	UNCH	----	----	0	- 1922
TOTAL	IV FUT							0	- 1922
PM	FUT	PERMIAN BASIS							
	AUG16	----	----	-0.1120	UNCH	----	----	0	- 1040
	SEP16	----	----	-0.1900	- 0.0100	----	----	1218	UNCH
	OCT16	----	----	-0.2130	- 0.0100	----	----	992	UNCH
	NOV16	----	----	-0.1060	- 0.0050	----	----	720	UNCH
	DEC16	----	----	-0.0460	- 0.0020	----	----	744	UNCH
	JAN17	----	----	-0.0320	- 0.0020	----	----	465	UNCH
	FEB17	----	----	-0.0280	+ 0.0010	----	----	420	UNCH
	MAR17	----	----	-0.2610	- 0.0040	----	----	527	UNCH
	APR17	----	----	-0.2460	+ 0.0010	----	----	960	UNCH
	MAY17	----	----	-0.2740	+ 0.0010	----	----	992	UNCH
	JUN17	----	----	-0.2610	+ 0.0010	----	----	960	UNCH
	JUL17	----	----	-0.1610	+ 0.0040	----	----	992	UNCH
	AUG17	----	----	-0.1550	+ 0.0030	----	----	992	UNCH
	SEP17	----	----	-0.2110	+ 0.0020	----	----	960	UNCH
	OCT17	----	----	-0.2520	+ 0.0030	----	----	992	UNCH
	NOV17	----	----	-0.0910	- 0.0010	----	----	480	UNCH
	DEC17	----	----	-0.0580	- 0.0030	----	----	496	UNCH
	JAN18	----	----	-0.0570	- 0.0050	----	----	248	UNCH
	FEB18	----	----	-0.0550	- 0.0060	----	----	224	UNCH
	MAR18	----	----	-0.1190	+ 0.0140	----	----	248	UNCH
	APR18	----	----	-0.1780	- 0.0030	----	----	180	UNCH
	MAY18	----	----	-0.1920	- 0.0010	----	----	186	UNCH
	JUN18	----	----	-0.1850	- 0.0020	----	----	180	UNCH
	JUL18	----	----	-0.1540	- 0.0100	----	----	186	UNCH
	AUG18	----	----	-0.1320	- 0.0080	----	----	186	UNCH
	SEP18	----	----	-0.1560	- 0.0040	----	----	180	UNCH
	OCT18	----	----	-0.1850	- 0.0030	----	----	186	UNCH
	NOV18	----	----	-0.0600	UNCH	----	----	120	UNCH
	DEC18	----	----	-0.0180	UNCH	----	----	124	UNCH
	JAN19	----	----	-0.0150	UNCH	----	----	62	UNCH
	FEB19	----	----	-0.0090	UNCH	----	----	56	UNCH
	MAR19	----	----	-0.1350	- 0.0010	----	----	62	UNCH
	APR19	----	----	-0.1380	+ 0.0010	----	----	60	UNCH
	MAY19	----	----	-0.1580	+ 0.0010	----	----	62	UNCH
	JUN19	----	----	-0.1480	+ 0.0020	----	----	60	UNCH
	JUL19	----	----	-0.0900	+ 0.0020	----	----	62	UNCH
	AUG19	----	----	-0.0720	+ 0.0020	----	----	62	UNCH
	SEP19	----	----	-0.1120	+ 0.0020	----	----	60	UNCH
	OCT19	----	----	-0.1430	+ 0.0010	----	----	62	UNCH
	NOV19	----	----	-0.0660	UNCH	----	----	60	UNCH
	DEC19	----	----	-0.0220	UNCH	----	----	62	UNCH
TOTAL	PM FUT							15888	- 1040
IR	FUT	ROCKIES KERN OPAL - NW INDEX							
	JUL16	----	----	0.0569	UNCH	----	----	0	- 248
	AUG16	----	----	0.1840	+ 0.1540	----	----	310	UNCH
	SEP16	----	----	0.0000	UNCH	----	----	240	UNCH
TOTAL	IR FUT							550	- 248
NJ	FUT	SAN JUAN BASIS							

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016 PG61	
	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
NJ FUT	SAN JUAN BASIS							
AUG16	----	----	-0.1320	UNCH	----	----	0	- 2175
SEP16	----	----	-0.1890	- 0.0080	----	----	1866	UNCH
OCT16	----	----	-0.2180	- 0.0120	----	----	1369	UNCH
NOV16	----	----	-0.0830	- 0.0050	----	----	900	UNCH
DEC16	----	----	0.0620	- 0.0010	----	----	945	UNCH
JAN17	----	----	-0.0090	- 0.0010	----	----	1147	UNCH
FEB17	----	----	-0.0050	- 0.0020	----	----	1120	UNCH
MAR17	----	----	-0.2250	- 0.0030	----	----	1147	UNCH
APR17	----	----	-0.2400	UNCH	----	----	990	UNCH
MAY17	----	----	-0.2970	+ 0.0010	----	----	1023	UNCH
JUN17	----	----	-0.2840	+ 0.0010	----	----	990	UNCH
JUL17	----	----	-0.1390	+ 0.0010	----	----	1209	UNCH
AUG17	----	----	-0.1240	+ 0.0010	----	----	1209	UNCH
SEP17	----	----	-0.1790	+ 0.0010	----	----	1170	UNCH
OCT17	----	----	-0.3020	UNCH	----	----	899	UNCH
NOV17	----	----	-0.0930	- 0.0040	----	----	600	UNCH
DEC17	----	----	-0.0250	- 0.0110	----	----	620	UNCH
JAN18	----	----	-0.0400	- 0.0040	----	----	961	UNCH
FEB18	----	----	-0.0410	- 0.0050	----	----	868	UNCH
MAR18	----	----	-0.0980	+ 0.0120	----	----	961	UNCH
APR18	----	----	-0.2230	- 0.0040	----	----	1020	UNCH
MAY18	----	----	-0.2460	UNCH	----	----	1054	UNCH
JUN18	----	----	-0.2380	UNCH	----	----	1020	UNCH
JUL18	----	----	-0.1660	- 0.0090	----	----	1054	UNCH
AUG18	----	----	-0.1440	- 0.0090	----	----	1054	UNCH
SEP18	----	----	-0.1710	- 0.0050	----	----	1020	UNCH
OCT18	----	----	-0.2370	+ 0.0010	----	----	1302	UNCH
NOV18	----	----	-0.0740	- 0.0030	----	----	960	UNCH
DEC18	----	----	0.0040	UNCH	----	----	992	UNCH
JAN19	----	----	-0.0210	+ 0.0010	----	----	186	UNCH
FEB19	----	----	-0.0170	- 0.0010	----	----	168	UNCH
MAR19	----	----	-0.1300	- 0.0020	----	----	186	UNCH
APR19	----	----	-0.1320	+ 0.0010	----	----	1170	UNCH
MAY19	----	----	-0.1670	+ 0.0010	----	----	1209	UNCH
JUN19	----	----	-0.1570	+ 0.0010	----	----	1170	UNCH
JUL19	----	----	-0.0790	+ 0.0010	----	----	713	UNCH
AUG19	----	----	-0.0590	+ 0.0020	----	----	713	UNCH
SEP19	----	----	-0.0960	+ 0.0020	----	----	690	UNCH
OCT19	----	----	-0.1670	+ 0.0020	----	----	713	UNCH
NOV19	----	----	-0.0320	- 0.0030	----	----	180	UNCH
DEC19	----	----	0.0560	- 0.0010	----	----	186	UNCH
TOTAL NJ FUT							36754	- 2175
XN FUT	SOCAL PIPE							
NOV16	----	----	3.103	+ 0.092	----	----	672	UNCH
DEC16	----	----	3.568	+ 0.079	----	----	672	UNCH
JAN17	----	----	3.628	+ 0.079	----	----	672	UNCH
FEB17	----	----	3.564	+ 0.076	----	----	672	UNCH
MAR17	----	----	3.230	+ 0.067	----	----	672	UNCH
TOTAL XN FUT							3360	
SZ FUT	SONAT BASIS FUTURE							
AUG16	----	----	-0.0520	UNCH	----	----	0	- 589
SEP16	----	----	-0.0390	+ 0.0010	----	----	570	UNCH
OCT16	----	----	-0.0390	+ 0.0010	----	----	589	UNCH
NOV16	----	----	-0.0400	- 0.0030	----	----	60	UNCH
DEC16	----	----	-0.0400	- 0.0030	----	----	62	UNCH
JAN17	----	----	-0.0460	- 0.0040	----	----	62	UNCH
FEB17	----	----	-0.0510	- 0.0040	----	----	56	UNCH
MAR17	----	----	-0.0330	- 0.0030	----	----	62	UNCH
APR17	----	----	-0.0400	UNCH	----	----	60	UNCH
MAY17	----	----	-0.0440	+ 0.0010	----	----	62	UNCH
JUN17	----	----	-0.0440	+ 0.0010	----	----	60	UNCH
JUL17	----	----	-0.0440	+ 0.0010	----	----	62	UNCH
AUG17	----	----	-0.0440	+ 0.0010	----	----	62	UNCH
SEP17	----	----	-0.0440	+ 0.0010	----	----	60	UNCH
OCT17	----	----	-0.0400	UNCH	----	----	62	UNCH
NOV17	----	----	-0.0230	- 0.0010	----	----	60	UNCH
DEC17	----	----	-0.0220	- 0.0010	----	----	62	UNCH
TOTAL SZ FUT							2011	- 589
8Z FUT	SOUTH STAR TEX OKLHM KNS NG B							
AUG16	----	----	-0.1820	UNCH	----	----	0	- 496
SEP16	----	----	-0.1990	+ 0.0270	----	----	480	UNCH
OCT16	----	----	-0.2310	+ 0.0220	----	----	496	UNCH
APR17	----	----	-0.1950	+ 0.0030	----	----	16	UNCH
MAY17	----	----	-0.2700	+ 0.0030	----	----	16	UNCH
JUN17	----	----	-0.2470	+ 0.0030	----	----	16	UNCH
JUL17	----	----	-0.2300	+ 0.0030	----	----	16	UNCH
AUG17	----	----	-0.2300	+ 0.0030	----	----	16	UNCH
SEP17	----	----	-0.2500	+ 0.0030	----	----	16	UNCH
OCT17	----	----	-0.2650	+ 0.0030	----	----	16	UNCH
NOV17	----	----	-0.1730	- 0.0020	----	----	16	UNCH
DEC17	----	----	-0.1400	- 0.0010	----	----	16	UNCH
JAN18	----	----	-0.1650	- 0.0010	----	----	10	UNCH
FEB18	----	----	-0.1650	- 0.0010	----	----	10	UNCH
MAR18	----	----	-0.1780	- 0.0020	----	----	10	UNCH
APR18	----	----	-0.2190	+ 0.0010	----	----	10	UNCH
MAY18	----	----	-0.3040	+ 0.0010	----	----	10	UNCH
JUN18	----	----	-0.2770	+ 0.0010	----	----	10	UNCH
JUL18	----	----	-0.2590	+ 0.0010	----	----	10	UNCH
AUG18	----	----	-0.2590	+ 0.0010	----	----	10	UNCH
SEP18	----	----	-0.2770	+ 0.0010	----	----	10	UNCH
OCT18	----	----	-0.2990	+ 0.0010	----	----	10	UNCH
NOV18	----	----	-0.1180	+ 0.0010	----	----	10	UNCH
DEC18	----	----	-0.0830	+ 0.0010	----	----	10	UNCH
TOTAL 8Z FUT							1240	- 496
NK FUT	SUMAS BASIS							
AUG16	----	----	-0.3320	UNCH	----	----	0	- 1492
SEP16	----	----	-0.5010	- 0.0170	----	----	1172	UNCH
OCT16	----	----	-0.3600	- 0.0210	----	----	524	UNCH
NOV16	----	----	0.1020	+ 0.0280	----	----	750	UNCH
DEC16	----	----	0.2920	- 0.0020	----	----	651	UNCH
JAN17	----	----	0.0360	UNCH	----	----	806	UNCH
FEB17	----	----	-0.0510	- 0.0070	----	----	476	UNCH
MAR17	----	----	-0.2860	- 0.0020	----	----	527	UNCH

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. & PT.	PRICE CHGE	LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
NK FUT	SUMAS BASIS								
APR17	----	----	----	-0.7200	- 0.0150	----	----	610	UNCH
MAY17	----	----	----	-0.7490	- 0.0140	----	----	493	UNCH
JUN17	----	----	----	-0.7740	- 0.0140	----	----	195	UNCH
JUL17	----	----	----	-0.6250	- 0.0160	----	----	248	UNCH
AUG17	----	----	----	-0.5570	- 0.0160	----	----	248	UNCH
SEP17	----	----	----	-0.5050	- 0.0170	----	----	240	UNCH
OCT17	----	----	----	-0.4050	- 0.0180	----	----	196	UNCH
NOV17	----	----	----	0.0870	- 0.0050	----	----	195	UNCH
DEC17	----	----	----	0.2710	- 0.0180	----	----	279	UNCH
JAN18	----	----	----	0.0550	- 0.0120	----	----	279	UNCH
FEB18	----	----	----	-0.0290	- 0.0140	----	----	165	UNCH
MAR18	----	----	----	-0.0830	+ 0.0090	----	----	165	UNCH
APR18	----	----	----	-0.6780	- 0.0040	----	----	165	UNCH
MAY18	----	----	----	-0.7200	- 0.0060	----	----	165	UNCH
JUN18	----	----	----	-0.7540	- 0.0070	----	----	120	UNCH
JUL18	----	----	----	-0.5590	- 0.0030	----	----	124	UNCH
AUG18	----	----	----	-0.5530	- 0.0100	----	----	124	UNCH
SEP18	----	----	----	-0.4980	- 0.0090	----	----	120	UNCH
OCT18	----	----	----	-0.4830	- 0.0200	----	----	124	UNCH
NOV18	----	----	----	0.0850	+ 0.0080	----	----	60	UNCH
DEC18	----	----	----	0.2990	- 0.0090	----	----	62	UNCH
JAN19	----	----	----	0.0070	- 0.0070	----	----	62	UNCH
FEB19	----	----	----	-0.1270	- 0.0100	----	----	56	UNCH
MAR19	----	----	----	-0.2350	- 0.0070	----	----	62	UNCH
APR19	----	----	----	-0.5830	- 0.0150	----	----	30	UNCH
MAY19	----	----	----	-0.6230	- 0.0140	----	----	31	UNCH
JUN19	----	----	----	-0.6560	- 0.0150	----	----	30	UNCH
JUL19	----	----	----	-0.5070	- 0.0150	----	----	31	UNCH
AUG19	----	----	----	-0.4740	- 0.0160	----	----	31	UNCH
SEP19	----	----	----	-0.4200	- 0.0160	----	----	30	UNCH
OCT19	----	----	----	-0.3760	- 0.0160	----	----	31	UNCH
NOV19	----	----	----	0.0750	+ 0.0080	----	----	30	UNCH
DEC19	----	----	----	0.2900	- 0.0090	----	----	31	UNCH
TOTAL	NK FUT							9738	- 1492
DVS FUT	SUMAS NAT GAS PLATTS FIXED PRICE								
AUG16	----	----		2.3400	UNCH	----	----	0	- 93
SEP16	----	----		2.3380	+ 0.0890	----	----	90	UNCH
OCT16	----	----		2.5210	+ 0.0770	----	----	155	UNCH
NOV16	----	----		3.1360	+ 0.1190	----	----	90	UNCH
DEC16	----	----		3.5680	+ 0.0750	----	----	62	UNCH
JAN17	----	----		3.4280	+ 0.0770	----	----	93	UNCH
FEB17	----	----		3.3270	+ 0.0670	----	----	56	UNCH
MAR17	----	----		3.0420	+ 0.0670	----	----	62	UNCH
APR17	----	----		2.3520	+ 0.0370	----	----	60	UNCH
MAY17	----	----		2.2940	+ 0.0310	----	----	62	UNCH
JUN17	----	----		2.3000	+ 0.0270	----	----	60	UNCH
JUL17	----	----		2.4780	+ 0.0230	----	----	62	UNCH
AUG17	----	----		2.5540	+ 0.0210	----	----	62	UNCH
SEP17	----	----		2.5850	+ 0.0180	----	----	60	UNCH
OCT17	----	----		2.7040	+ 0.0160	----	----	62	UNCH
NOV17	----	----		3.2490	+ 0.0270	----	----	60	UNCH
DEC17	----	----		3.5630	+ 0.0120	----	----	62	UNCH
TOTAL	DVS FUT							1158	- 93
TC FUT	TCO BASIS								
AUG16	----	----		-0.0820	UNCH	----	----	0	- 3895
SEP16	----	----		-0.1680	- 0.0090	----	----	3650	UNCH
OCT16	----	----		-0.1710	- 0.0060	----	----	3523	UNCH
NOV16	----	----		-0.1640	- 0.0010	----	----	2124	UNCH
DEC16	----	----		-0.1580	- 0.0020	----	----	2256	UNCH
JAN17	----	----		-0.1630	- 0.0050	----	----	1357	UNCH
FEB17	----	----		-0.1490	+ 0.0020	----	----	1228	UNCH
MAR17	----	----		-0.1630	- 0.0030	----	----	1357	UNCH
APR17	----	----		-0.1110	- 0.0010	----	----	1074	UNCH
MAY17	----	----		-0.1670	- 0.0020	----	----	1171	UNCH
JUN17	----	----		-0.1700	- 0.0020	----	----	1074	UNCH
JUL17	----	----		-0.1700	- 0.0020	----	----	1109	UNCH
AUG17	----	----		-0.1800	- 0.0020	----	----	1109	UNCH
SEP17	----	----		-0.2570	- 0.0020	----	----	1074	UNCH
OCT17	----	----		-0.2550	- 0.0020	----	----	1109	UNCH
NOV17	----	----		-0.1800	UNCH	----	----	1074	UNCH
DEC17	----	----		-0.1830	- 0.0020	----	----	1109	UNCH
JAN18	----	----		-0.1840	- 0.0010	----	----	186	UNCH
FEB18	----	----		-0.1820	- 0.0020	----	----	168	UNCH
MAR18	----	----		-0.1880	- 0.0020	----	----	186	UNCH
APR18	----	----		-0.1890	+ 0.0070	----	----	180	UNCH
MAY18	----	----		-0.2150	+ 0.0100	----	----	186	UNCH
JUN18	----	----		-0.2240	+ 0.0090	----	----	180	UNCH
JUL18	----	----		-0.2690	+ 0.0050	----	----	186	UNCH
AUG18	----	----		-0.3090	+ 0.0010	----	----	186	UNCH
SEP18	----	----		-0.3760	+ 0.0020	----	----	180	UNCH
OCT18	----	----		-0.3780	+ 0.0010	----	----	186	UNCH
NOV18	----	----		-0.2240	UNCH	----	----	30	UNCH
DEC18	----	----		-0.2200	UNCH	----	----	31	UNCH
APR19	----	----		-0.2260	+ 0.0030	----	----	60	UNCH
MAY19	----	----		-0.2460	+ 0.0030	----	----	62	UNCH
JUN19	----	----		-0.2530	+ 0.0030	----	----	60	UNCH
JUL19	----	----		-0.2810	+ 0.0030	----	----	62	UNCH
AUG19	----	----		-0.3120	+ 0.0020	----	----	62	UNCH
SEP19	----	----		-0.3810	+ 0.0030	----	----	60	UNCH
OCT19	----	----		-0.3810	+ 0.0030	----	----	62	UNCH
TOTAL	TC FUT							27711	- 3895
Q1 FUT	TCO NG INDEX								
JUL16	----	----		-0.0913	UNCH	----	----	0	- 248
AUG16	----	----		0.1810	+ 0.0970	----	----	248	UNCH
SEP16	----	----		0.0000	UNCH	----	----	240	UNCH
OCT16	----	----		0.0000	UNCH	----	----	248	UNCH
NOV16	----	----		0.0000	UNCH	----	----	240	UNCH
DEC16	----	----		0.0000	UNCH	----	----	248	UNCH
TOTAL	Q1 FUT							1224	- 248
L4 FUT	TENN 800 LEG NAT GAS INDEX								
JUL16	----	----		-0.1489	UNCH	----	----	0	- 248
TOTAL	L4 FUT							0	- 248
NM FUT	TENNESSEE 500 LEG BASIS								



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PRELIMINARY



PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016 PG61	
	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
AUG16	----	----	-0.0620	UNCH	----	----	0	248
SEP16	----	----	-0.0680	UNCH	----	----	330	UNCH
OCT16	----	----	-0.0580	+ 0.0020	----	----	248	UNCH
NOV16	----	----	-0.0820	- 0.0070	----	----	570	UNCH
DEC16	----	----	-0.0770	- 0.0050	----	----	93	UNCH
JAN17	----	----	-0.0580	- 0.0060	----	----	93	UNCH
FEB17	----	----	-0.0530	- 0.0040	----	----	84	UNCH
MAR17	----	----	-0.0600	- 0.0050	----	----	93	UNCH
APR17	----	----	-0.0400	UNCH	----	----	120	UNCH
TOTAL NM FUT							1631	248
6Z FUT TENNESSEE 800 LEG NG BASIS								
AUG16	----	----	-0.0820	UNCH	----	----	0	186
SEP16	----	----	-0.0690	+ 0.0030	----	----	180	UNCH
OCT16	----	----	-0.0630	+ 0.0030	----	----	186	UNCH
NOV16	----	----	-0.0610	+ 0.0110	----	----	120	UNCH
DEC16	----	----	-0.0560	+ 0.0120	----	----	124	UNCH
TOTAL 6Z FUT							610	186
NQ FUT TENNESSEE ZONE 0 BASIS								
AUG16	----	----	-0.1220	UNCH	----	----	0	124
SEP16	----	----	-0.1170	+ 0.0010	----	----	120	UNCH
OCT16	----	----	-0.1060	+ 0.0040	----	----	124	UNCH
NOV16	----	----	-0.0860	+ 0.0090	----	----	240	UNCH
DEC16	----	----	-0.0930	+ 0.0100	----	----	248	UNCH
JAN17	----	----	-0.1180	+ 0.0100	----	----	248	UNCH
FEB17	----	----	-0.1130	+ 0.0090	----	----	224	UNCH
MAR17	----	----	-0.1040	+ 0.0090	----	----	248	UNCH
NOV17	----	----	-0.0740	+ 0.0020	----	----	120	UNCH
DEC17	----	----	-0.0790	+ 0.0030	----	----	124	UNCH
JAN18	----	----	-0.0970	+ 0.0020	----	----	124	UNCH
FEB18	----	----	-0.0890	+ 0.0020	----	----	112	UNCH
MAR18	----	----	-0.0840	+ 0.0030	----	----	124	UNCH
TOTAL NQ FUT							2056	124
IX FUT TETCO M-3 INDEX								
JUL16	----	----	-0.6360	UNCH	----	----	0	868
AUG16	----	----	0.1030	+ 0.0990	----	----	1116	UNCH
SEP16	----	----	0.0000	UNCH	----	----	672	UNCH
OCT16	----	----	0.0000	UNCH	----	----	682	UNCH
NOV16	----	----	0.0000	UNCH	----	----	372	UNCH
DEC16	----	----	0.0000	UNCH	----	----	372	UNCH
APR17	----	----	0.0000	UNCH	----	----	840	UNCH
MAY17	----	----	0.0000	UNCH	----	----	868	UNCH
JUN17	----	----	0.0000	UNCH	----	----	840	UNCH
JUL17	----	----	0.0000	UNCH	----	----	868	UNCH
AUG17	----	----	0.0000	UNCH	----	----	868	UNCH
SEP17	----	----	0.0000	UNCH	----	----	840	UNCH
OCT17	----	----	0.0000	UNCH	----	----	868	UNCH
TOTAL IX FUT							9206	868
TX FUT TETCO STX BASIS								
AUG16	----	----	-0.0720	UNCH	----	----	0	310
SEP16	----	----	-0.0520	- 0.0010	----	----	300	UNCH
OCT16	----	----	-0.0770	+ 0.0010	----	----	310	UNCH
NOV16	----	----	-0.0630	+ 0.0070	----	----	90	UNCH
DEC16	----	----	-0.0850	+ 0.0080	----	----	93	UNCH
JAN17	----	----	-0.1090	+ 0.0090	----	----	124	UNCH
FEB17	----	----	-0.1050	+ 0.0070	----	----	112	UNCH
MAR17	----	----	-0.0980	+ 0.0070	----	----	124	UNCH
APR17	----	----	-0.0520	+ 0.0030	----	----	90	UNCH
MAY17	----	----	-0.0520	+ 0.0030	----	----	93	UNCH
JUN17	----	----	-0.0540	+ 0.0040	----	----	90	UNCH
JUL17	----	----	-0.0340	+ 0.0030	----	----	93	UNCH
AUG17	----	----	-0.0240	+ 0.0040	----	----	93	UNCH
SEP17	----	----	-0.0340	+ 0.0040	----	----	90	UNCH
OCT17	----	----	-0.0520	+ 0.0030	----	----	93	UNCH
NOV17	----	----	-0.0500	+ 0.0010	----	----	90	UNCH
DEC17	----	----	-0.0620	+ 0.0010	----	----	93	UNCH
JAN18	----	----	-0.0500	+ 0.0010	----	----	62	UNCH
FEB18	----	----	-0.0430	+ 0.0020	----	----	56	UNCH
MAR18	----	----	-0.0370	+ 0.0010	----	----	62	UNCH
APR18	----	----	-0.0100	UNCH	----	----	60	UNCH
MAY18	----	----	-0.0260	UNCH	----	----	62	UNCH
JUN18	----	----	-0.0270	UNCH	----	----	60	UNCH
JUL18	----	----	0.0160	UNCH	----	----	62	UNCH
AUG18	----	----	0.0180	UNCH	----	----	62	UNCH
SEP18	----	----	0.0110	UNCH	----	----	60	UNCH
OCT18	----	----	0.0000	UNCH	----	----	62	UNCH
NOV18	----	----	-0.0150	UNCH	----	----	60	UNCH
DEC18	----	----	-0.0210	UNCH	----	----	62	UNCH
TOTAL TX FUT							2708	310
NX FUT TEXAS EASTERN ZONE M-3 BASIS								
AUG16	----	----	-1.2920	UNCH	----	----	0	3937
SEP16	----	----	-1.4250	- 0.0600	----	----	2550	UNCH
OCT16	----	----	-1.3940	- 0.0700	----	----	2604	UNCH
NOV16	----	----	-0.8380	- 0.0080	----	----	1170	UNCH
DEC16	----	----	0.3950	+ 0.0080	----	----	1209	UNCH
JAN17	----	----	2.5880	- 0.0080	----	----	1240	UNCH
FEB17	----	----	2.5300	- 0.0260	----	----	1064	UNCH
MAR17	----	----	0.0900	+ 0.0190	----	----	1178	UNCH
APR17	----	----	-0.7640	- 0.0120	----	----	840	UNCH
MAY17	----	----	-0.8780	- 0.0120	----	----	868	UNCH
JUN17	----	----	-0.8710	- 0.0120	----	----	780	UNCH
JUL17	----	----	-0.7940	- 0.0120	----	----	806	UNCH
AUG17	----	----	-0.8640	- 0.0120	----	----	806	UNCH
SEP17	----	----	-1.0280	- 0.0120	----	----	780	UNCH
OCT17	----	----	-0.9580	- 0.0120	----	----	806	UNCH
NOV17	----	----	-0.7100	- 0.0090	----	----	450	UNCH
DEC17	----	----	0.3610	- 0.0010	----	----	465	UNCH
JAN18	----	----	2.4140	- 0.0100	----	----	341	UNCH
FEB18	----	----	2.3540	- 0.0460	----	----	308	UNCH
MAR18	----	----	-0.0200	+ 0.0050	----	----	341	UNCH
APR18	----	----	-0.4680	- 0.0180	----	----	270	UNCH
MAY18	----	----	-0.6180	- 0.0180	----	----	279	UNCH
JUN18	----	----	-0.6120	- 0.0180	----	----	270	UNCH
JUL18	----	----	-0.4480	- 0.0180	----	----	279	UNCH



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		GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
NX FUT		TEXAS EASTERN ZONE M-3 BASIS								
AUG18		----	----	-0.5240	- 0.0170	----	----	279	UNCH	
SEP18		----	----	-0.8350	- 0.0170	----	----	270	UNCH	
OCT18		----	----	-0.7500	- 0.0170	----	----	279	UNCH	
NOV18		----	----	-0.6980	- 0.0140	----	----	180	UNCH	
DEC18		----	----	0.3000	- 0.0110	----	----	186	UNCH	
JAN19		----	----	2.3390	- 0.0210	----	----	186	UNCH	
FEB19		----	----	2.2500	- 0.0560	----	----	168	UNCH	
MAR19		----	----	-0.0780	- 0.0020	----	----	186	UNCH	
NOV19		----	----	-0.6545	- 0.0135	----	----	60	UNCH	
DEC19		----	----	0.2820	- 0.0110	----	----	62	UNCH	
JAN20		----	----	2.3190	- 0.0210	----	----	62	UNCH	
FEB20		----	----	2.2140	- 0.0560	----	----	58	UNCH	
MAR20		----	----	-0.0900	UNCH	----	----	62	UNCH	
TOTAL NX FUT								21742	- 3937	
9F FUT		TEXAS GAS ZONE1 NG BASIS								
AUG16		----	----	-0.0920	UNCH	----	----	0	- 155	
SEP16		----	----	-0.0830	+ 0.0020	----	----	150	UNCH	
OCT16		----	----	-0.0780	+ 0.0100	----	----	155	UNCH	
NOV16		----	----	-0.0490	+ 0.0110	----	----	150	UNCH	
DEC16		----	----	-0.0450	+ 0.0130	----	----	155	UNCH	
JAN17		----	----	-0.0750	+ 0.0130	----	----	688	UNCH	
FEB17		----	----	-0.0780	+ 0.0120	----	----	668	UNCH	
MAR17		----	----	-0.0760	+ 0.0120	----	----	688	UNCH	
APR17		----	----	-0.0750	+ 0.0130	----	----	676	UNCH	
MAY17		----	----	-0.0730	+ 0.0120	----	----	688	UNCH	
JUN17		----	----	-0.0700	+ 0.0130	----	----	676	UNCH	
JUL17		----	----	-0.0650	+ 0.0130	----	----	688	UNCH	
AUG17		----	----	-0.0570	+ 0.0130	----	----	688	UNCH	
SEP17		----	----	-0.0700	+ 0.0130	----	----	676	UNCH	
OCT17		----	----	-0.0830	+ 0.0120	----	----	688	UNCH	
NOV17		----	----	-0.0460	+ 0.0020	----	----	676	UNCH	
DEC17		----	----	-0.0420	+ 0.0030	----	----	688	UNCH	
JAN18		----	----	-0.0710	+ 0.0040	----	----	484	UNCH	
FEB18		----	----	-0.0740	+ 0.0030	----	----	468	UNCH	
MAR18		----	----	-0.0720	+ 0.0030	----	----	484	UNCH	
APR18		----	----	-0.0650	+ 0.0020	----	----	476	UNCH	
MAY18		----	----	-0.0620	+ 0.0030	----	----	484	UNCH	
JUN18		----	----	-0.0590	+ 0.0030	----	----	476	UNCH	
JUL18		----	----	-0.0540	+ 0.0030	----	----	484	UNCH	
AUG18		----	----	-0.0460	+ 0.0030	----	----	484	UNCH	
SEP18		----	----	-0.0590	+ 0.0030	----	----	476	UNCH	
OCT18		----	----	-0.0720	+ 0.0020	----	----	484	UNCH	
NOV18		----	----	-0.1350	+ 0.0040	----	----	476	UNCH	
DEC18		----	----	-0.1390	+ 0.0050	----	----	484	UNCH	
TOTAL 9F FUT								14558	- 155	
CZ FUT		TRANSCO ZONE 3 BASIS								
AUG16		----	----	-0.0320	UNCH	----	----	0	- 186	
SEP16		----	----	-0.0440	+ 0.0010	----	----	180	UNCH	
OCT16		----	----	-0.0320	+ 0.0020	----	----	186	UNCH	
JAN17		----	----	-0.0080	UNCH	----	----	341	UNCH	
FEB17		----	----	-0.0130	+ 0.0010	----	----	308	UNCH	
MAR17		----	----	-0.0260	+ 0.0040	----	----	341	UNCH	
APR17		----	----	0.0020	UNCH	----	----	330	UNCH	
MAY17		----	----	0.0030	UNCH	----	----	341	UNCH	
JUN17		----	----	0.0030	UNCH	----	----	330	UNCH	
JUL17		----	----	0.0080	UNCH	----	----	341	UNCH	
AUG17		----	----	0.0080	UNCH	----	----	341	UNCH	
SEP17		----	----	0.0040	UNCH	----	----	330	UNCH	
OCT17		----	----	0.0040	UNCH	----	----	341	UNCH	
NOV17		----	----	-0.0130	UNCH	----	----	330	UNCH	
DEC17		----	----	-0.0010	UNCH	----	----	341	UNCH	
JAN18		----	----	0.0020	+ 0.0010	----	----	279	UNCH	
FEB18		----	----	-0.0020	UNCH	----	----	252	UNCH	
MAR18		----	----	-0.0150	UNCH	----	----	279	UNCH	
APR18		----	----	0.0080	UNCH	----	----	270	UNCH	
MAY18		----	----	0.0100	UNCH	----	----	279	UNCH	
JUN18		----	----	0.0100	UNCH	----	----	270	UNCH	
JUL18		----	----	0.0130	UNCH	----	----	279	UNCH	
AUG18		----	----	0.0130	UNCH	----	----	279	UNCH	
SEP18		----	----	0.0100	UNCH	----	----	270	UNCH	
OCT18		----	----	0.0070	- 0.0010	----	----	279	UNCH	
NOV18		----	----	-0.0050	UNCH	----	----	270	UNCH	
DEC18		----	----	0.0080	UNCH	----	----	279	UNCH	
TOTAL CZ FUT								7666	- 186	
B2 FUT		TRANSCO ZONE 4 NAT GAS INDEX								
JUL16		----	----	-0.1368	UNCH	----	----	0	- 217	
AUG16		----	----	0.2212	+ 0.0516	----	----	744	UNCH	
TOTAL B2 FUT								744	- 217	
NZ FUT		TRANSCO ZONE 6 BASIS								
AUG16		----	----	-0.7520	UNCH	----	----	0	- 738	
SEP16		----	----	-1.2270	- 0.0330	----	----	560	UNCH	
OCT16		----	----	-1.1960	- 0.0420	----	----	512	UNCH	
NOV16		----	----	-0.1370	- 0.0100	----	----	338	UNCH	
DEC16		----	----	2.2150	- 0.0240	----	----	376	UNCH	
JAN17		----	----	6.0460	- 0.0830	----	----	386	UNCH	
FEB17		----	----	5.9310	- 0.1470	----	----	356	UNCH	
MAR17		----	----	0.7790	+ 0.0030	----	----	417	UNCH	
APR17		----	----	-0.3390	- 0.0070	----	----	196	UNCH	
MAY17		----	----	-0.5190	- 0.0070	----	----	93	UNCH	
JUN17		----	----	-0.5540	- 0.0070	----	----	90	UNCH	
JUL17		----	----	-0.4590	- 0.0070	----	----	93	UNCH	
AUG17		----	----	-0.5190	- 0.0070	----	----	93	UNCH	
SEP17		----	----	-0.7640	- 0.0060	----	----	90	UNCH	
OCT17		----	----	-0.7310	- 0.0060	----	----	93	UNCH	
NOV17		----	----	0.3580	- 0.0220	----	----	60	UNCH	
DEC17		----	----	2.4380	- 0.0050	----	----	62	UNCH	
JAN18		----	----	5.6460	- 0.0320	----	----	62	UNCH	
FEB18		----	----	5.5980	- 0.0320	----	----	56	UNCH	
MAR18		----	----	1.2880	- 0.0320	----	----	62	UNCH	
APR18		----	----	-0.1160	- 0.0070	----	----	60	UNCH	
MAY18		----	----	-0.3030	- 0.0060	----	----	62	UNCH	
JUN18		----	----	-0.3830	- 0.0110	----	----	60	UNCH	
JUL18		----	----	-0.3010	- 0.0130	----	----	62	UNCH	



PRELIMINARY

PG61 BULLETIN #148@			ENERGY FUTURES PRODUCTS				wed, Aug 03, 2016 PG61			
	LOBEX OPEN	LOBEX HIGH/LOW	SETT. & PT.	PRICE CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
NZ FUT	TRANSCO ZONE 6 BASIS									
AUG18	----	----	-0.3620	-	0.0130	----	----	62	UNCH	
SEP18	----	----	-0.6560	-	0.0160	----	----	60	UNCH	
OCT18	----	----	-0.6300	-	0.0180	----	----	62	UNCH	
TOTAL NZ FUT								4423	- 738	
TZI FUT	TRANSCO ZONE 6 GAS INDEX									
JUL16	----	----	-0.1345		UNCH	----	----	0	- 124	
AUG16	----	----	0.0280	+	0.1160	----	----	186	UNCH	
SEP16	----	----	0.0000		UNCH	----	----	150	UNCH	
NOV16	----	----	0.0000		UNCH	----	----	360	UNCH	
DEC16	----	----	0.0000		UNCH	----	----	372	UNCH	
JAN17	----	----	0.0000		UNCH	----	----	372	UNCH	
FEB17	----	----	0.0000		UNCH	----	----	336	UNCH	
MAR17	----	----	0.0000		UNCH	----	----	372	UNCH	
APR17	----	----	0.0200		UNCH	----	----	120	UNCH	
MAY17	----	----	0.0200		UNCH	----	----	124	UNCH	
JUN17	----	----	0.0200		UNCH	----	----	120	UNCH	
JUL17	----	----	0.0200		UNCH	----	----	124	UNCH	
AUG17	----	----	0.0000		UNCH	----	----	124	UNCH	
SEP17	----	----	0.0200		UNCH	----	----	120	UNCH	
OCT17	----	----	0.0200		UNCH	----	----	124	UNCH	
TOTAL TZI FUT								3004	- 124	
IT FUT	TRANSCO ZONE 6 INDEX									
JUL16	----	----	-0.2484		UNCH	----	----	0	- 310	
AUG16	----	----	-0.0740	+	0.0950	----	----	310	UNCH	
SEP16	----	----	0.0000		UNCH	----	----	300	UNCH	
OCT16	----	----	0.0000		UNCH	----	----	310	UNCH	
NOV16	----	----	-0.0250		UNCH	----	----	240	UNCH	
DEC16	----	----	-0.0250		UNCH	----	----	248	UNCH	
JAN17	----	----	-0.0250		UNCH	----	----	248	UNCH	
FEB17	----	----	-0.0250		UNCH	----	----	224	UNCH	
MAR17	----	----	-0.0250		UNCH	----	----	248	UNCH	
APR17	----	----	0.0000		UNCH	----	----	120	UNCH	
MAY17	----	----	0.0000		UNCH	----	----	124	UNCH	
JUN17	----	----	0.0000		UNCH	----	----	120	UNCH	
JUL17	----	----	0.0000		UNCH	----	----	124	UNCH	
AUG17	----	----	0.0000		UNCH	----	----	124	UNCH	
SEP17	----	----	0.0000		UNCH	----	----	120	UNCH	
OCT17	----	----	0.0000		UNCH	----	----	124	UNCH	
TOTAL IT FUT								2984	- 310	
TZ6 FUT	TRANSCO ZONE 6 NON NY BASIS									
AUG16	----	----	-0.7420		UNCH	----	----	0	- 682	
SEP16	----	----	-1.1410	-	0.0430	----	----	540	UNCH	
OCT16	----	----	-1.1120	-	0.0530	----	----	682	UNCH	
NOV16	----	----	-0.3420	+	0.0030	----	----	480	UNCH	
DEC16	----	----	0.8440	+	0.0130	----	----	682	UNCH	
JAN17	----	----	3.6260	+	0.0410	----	----	558	UNCH	
FEB17	----	----	3.5960	+	0.0300	----	----	504	UNCH	
MAR17	----	----	0.5880	+	0.0210	----	----	527	UNCH	
APR17	----	----	-0.3180	-	0.0160	----	----	540	UNCH	
MAY17	----	----	-0.4720	-	0.0150	----	----	558	UNCH	
JUN17	----	----	-0.5220	-	0.0150	----	----	540	UNCH	
JUL17	----	----	-0.4150	-	0.0160	----	----	558	UNCH	
AUG17	----	----	-0.5070	-	0.0150	----	----	558	UNCH	
SEP17	----	----	-0.7150	-	0.0130	----	----	540	UNCH	
OCT17	----	----	-0.6020	-	0.0150	----	----	558	UNCH	
NOV17	----	----	-0.3980	+	0.0160	----	----	150	UNCH	
DEC17	----	----	0.7260	+	0.0040	----	----	155	UNCH	
JAN18	----	----	3.4540	-	0.0200	----	----	279	UNCH	
FEB18	----	----	3.4270	-	0.0300	----	----	252	UNCH	
MAR18	----	----	0.4620	+	0.0170	----	----	279	UNCH	
APR18	----	----	-0.1700	-	0.0180	----	----	210	UNCH	
MAY18	----	----	-0.3380	-	0.0170	----	----	217	UNCH	
JUN18	----	----	-0.3720	-	0.0170	----	----	210	UNCH	
JUL18	----	----	-0.2700	-	0.0170	----	----	217	UNCH	
AUG18	----	----	-0.3490	-	0.0170	----	----	217	UNCH	
SEP18	----	----	-0.5490	-	0.0170	----	----	210	UNCH	
OCT18	----	----	-0.4440	-	0.0170	----	----	217	UNCH	
NOV18	----	----	-0.5000	+	0.0080	----	----	210	UNCH	
DEC18	----	----	0.5870	-	0.0090	----	----	217	UNCH	
JAN19	----	----	3.3260	-	0.0420	----	----	217	UNCH	
FEB19	----	----	3.2980	-	0.0520	----	----	196	UNCH	
MAR19	----	----	0.3700	+	0.0050	----	----	217	UNCH	
APR19	----	----	-0.1390	-	0.0220	----	----	210	UNCH	
MAY19	----	----	-0.3070	-	0.0200	----	----	217	UNCH	
JUN19	----	----	-0.3410	-	0.0190	----	----	210	UNCH	
JUL19	----	----	-0.2390	-	0.0200	----	----	217	UNCH	
AUG19	----	----	-0.3180	-	0.0200	----	----	217	UNCH	
SEP19	----	----	-0.5180	-	0.0180	----	----	210	UNCH	
OCT19	----	----	-0.4140	-	0.0200	----	----	217	UNCH	
NOV19	----	----	-0.5190	+	0.0070	----	----	210	UNCH	
DEC19	----	----	0.5440	-	0.0080	----	----	217	UNCH	
TOTAL TZ6 FUT								13420	- 682	
TR FUT	TRANSCO ZONE4 BASIS									
AUG16	----	----	-0.0320		UNCH	----	----	0	- 3183	
SEP16	----	----	-0.0280		UNCH	----	----	2956	UNCH	
OCT16	----	----	-0.0340	-	0.0020	----	----	2999	UNCH	
NOV16	----	----	-0.0300		UNCH	----	----	1242	UNCH	
DEC16	----	----	-0.0170		UNCH	----	----	1370	UNCH	
JAN17	----	----	-0.0170		UNCH	----	----	1059	UNCH	
FEB17	----	----	-0.0200		UNCH	----	----	971	UNCH	
MAR17	----	----	-0.0170		UNCH	----	----	1057	UNCH	
APR17	----	----	-0.0010		UNCH	----	----	907	UNCH	
MAY17	----	----	-0.0140		UNCH	----	----	931	UNCH	
JUN17	----	----	-0.0290		UNCH	----	----	906	UNCH	
JUL17	----	----	-0.0290		UNCH	----	----	930	UNCH	
AUG17	----	----	-0.0260		UNCH	----	----	929	UNCH	
SEP17	----	----	-0.0260		UNCH	----	----	903	UNCH	
OCT17	----	----	-0.0140		UNCH	----	----	927	UNCH	
NOV17	----	----	0.0120		UNCH	----	----	391	UNCH	
DEC17	----	----	0.0220		UNCH	----	----	398	UNCH	
JAN18	----	----	0.0200		UNCH	----	----	589	UNCH	
FEB18	----	----	0.0200		UNCH	----	----	532	UNCH	
MAR18	----	----	0.0200		UNCH	----	----	589	UNCH	

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016 PG61		
		GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TR FUT	TRANSCO ZONE4 BASIS								
APR18	----	----	0.0360	UNCH		----	----	390	UNCH
MAY18	----	----	0.0240	UNCH		----	----	403	UNCH
JUN18	----	----	0.0090	UNCH		----	----	390	UNCH
JUL18	----	----	0.0110	UNCH		----	----	403	UNCH
AUG18	----	----	0.0140	UNCH		----	----	403	UNCH
SEP18	----	----	0.0140	UNCH		----	----	390	UNCH
OCT18	----	----	0.0160	UNCH		----	----	403	UNCH
NOV18	----	----	0.0120	UNCH		----	----	330	UNCH
DEC18	----	----	0.0220	UNCH		----	----	341	UNCH
JAN19	----	----	0.0200	UNCH		----	----	140	UNCH
FEB19	----	----	0.0200	UNCH		----	----	139	UNCH
MAR19	----	----	0.0200	UNCH		----	----	139	UNCH
APR19	----	----	0.0280	UNCH		----	----	138	UNCH
MAY19	----	----	0.0150	UNCH		----	----	137	UNCH
JUN19	----	----	0.0000	UNCH		----	----	136	UNCH
JUL19	----	----	0.0000	UNCH		----	----	136	UNCH
AUG19	----	----	0.0020	UNCH		----	----	135	UNCH
SEP19	----	----	0.0020	UNCH		----	----	134	UNCH
OCT19	----	----	0.0050	UNCH		----	----	134	UNCH
NOV19	----	----	0.0200	UNCH		----	----	133	UNCH
DEC19	----	----	0.0300	UNCH		----	----	132	UNCH
JAN20	----	----	0.0180	UNCH		----	----	132	UNCH
FEB20	----	----	0.0180	UNCH		----	----	131	UNCH
MAR20	----	----	0.0180	UNCH		----	----	130	UNCH
APR20	----	----	0.0280	UNCH		----	----	130	UNCH
MAY20	----	----	0.0150	UNCH		----	----	129	UNCH
JUN20	----	----	0.0000	UNCH		----	----	129	UNCH
JUL20	----	----	0.0000	UNCH		----	----	128	UNCH
AUG20	----	----	0.0020	UNCH		----	----	127	UNCH
SEP20	----	----	0.0020	UNCH		----	----	127	UNCH
OCT20	----	----	0.0050	UNCH		----	----	126	UNCH
NOV20	----	----	0.0150	UNCH		----	----	125	UNCH
DEC20	----	----	0.0250	UNCH		----	----	125	UNCH
TOTAL TR FUT								27211	- 3183
NW FUT	WAHA BASIS								
AUG16	----	----	-0.0820	UNCH		----	----	0	- 3889
SEP16	----	----	-0.1330	- 0.0110		----	----	2026	UNCH
OCT16	----	----	-0.1790	- 0.0100		----	----	1438	UNCH
NOV16	----	----	-0.1200	- 0.0010		----	----	794	UNCH
DEC16	----	----	-0.0900	- 0.0010		----	----	837	UNCH
JAN17	----	----	-0.1040	- 0.0030		----	----	713	UNCH
FEB17	----	----	-0.0920	- 0.0020		----	----	644	UNCH
MAR17	----	----	-0.1340	- 0.0020		----	----	713	UNCH
APR17	----	----	-0.1600	- 0.0030		----	----	515	UNCH
MAY17	----	----	-0.1650	- 0.0030		----	----	531	UNCH
JUN17	----	----	-0.1680	- 0.0030		----	----	515	UNCH
JUL17	----	----	-0.1250	- 0.0030		----	----	531	UNCH
AUG17	----	----	-0.1000	- 0.0030		----	----	531	UNCH
SEP17	----	----	-0.1150	- 0.0030		----	----	514	UNCH
OCT17	----	----	-0.1550	- 0.0030		----	----	533	UNCH
NOV17	----	----	-0.0780	- 0.0020		----	----	303	UNCH
DEC17	----	----	-0.0540	- 0.0030		----	----	313	UNCH
JAN18	----	----	-0.0610	- 0.0020		----	----	97	UNCH
FEB18	----	----	-0.0610	- 0.0050		----	----	89	UNCH
MAR18	----	----	-0.0680	+ 0.0010		----	----	98	UNCH
APR18	----	----	-0.0720	+ 0.0010		----	----	120	UNCH
MAY18	----	----	-0.0790	+ 0.0010		----	----	124	UNCH
JUN18	----	----	-0.0760	+ 0.0010		----	----	120	UNCH
JUL18	----	----	-0.0640	- 0.0020		----	----	124	UNCH
AUG18	----	----	-0.0360	- 0.0030		----	----	124	UNCH
SEP18	----	----	-0.0510	- 0.0020		----	----	120	UNCH
OCT18	----	----	-0.0800	- 0.0010		----	----	124	UNCH
NOV18	----	----	-0.0540	- 0.0020		----	----	150	UNCH
DEC18	----	----	-0.0180	- 0.0020		----	----	155	UNCH
JAN19	----	----	-0.0320	- 0.0030		----	----	155	UNCH
FEB19	----	----	-0.0230	- 0.0030		----	----	140	UNCH
MAR19	----	----	-0.0470	- 0.0030		----	----	155	UNCH
APR19	----	----	-0.0560	- 0.0010		----	----	95	UNCH
MAY19	----	----	-0.0640	- 0.0010		----	----	97	UNCH
JUN19	----	----	-0.0620	- 0.0010		----	----	95	UNCH
JUL19	----	----	-0.0400	- 0.0010		----	----	98	UNCH
AUG19	----	----	-0.0100	- 0.0010		----	----	36	UNCH
SEP19	----	----	-0.0280	- 0.0010		----	----	34	UNCH
OCT19	----	----	-0.0600	- 0.0010		----	----	37	UNCH
NOV19	----	----	-0.0150	- 0.0020		----	----	33	UNCH
DEC19	----	----	0.0220	- 0.0030		----	----	35	UNCH
JAN20	----	----	0.0090	- 0.0020		----	----	36	UNCH
FEB20	----	----	0.0180	- 0.0020		----	----	33	UNCH
MAR20	----	----	-0.0070	- 0.0030		----	----	36	UNCH
APR20	----	----	-0.0750	- 0.0020		----	----	36	UNCH
MAY20	----	----	-0.0810	- 0.0010		----	----	36	UNCH
JUN20	----	----	-0.0790	- 0.0010		----	----	35	UNCH
JUL20	----	----	-0.0570	- 0.0010		----	----	36	UNCH
AUG20	----	----	-0.0280	- 0.0010		----	----	36	UNCH
SEP20	----	----	-0.0460	- 0.0010		----	----	35	UNCH
TOTAL NW FUT								14225	- 3889
WFS FUT	WAHA IFERC FIXED PRICE								
AUG16	----	----	2.5900	UNCH		----	----	0	- 28
SEP16	----	----	2.7060	+ 0.0950		----	----	27	UNCH
OCT16	----	----	2.7020	+ 0.0880		----	----	28	UNCH
NOV16	----	----	2.9140	+ 0.0900		----	----	27	UNCH
DEC16	----	----	3.1860	+ 0.0760		----	----	28	UNCH
TOTAL WFS FUT								110	- 28
IY FUT	WAHA INDEX FUTURE								
JUL16	----	----	0.0821	UNCH		----	----	0	- 1240
AUG16	----	----	0.1470	+ 0.0970		----	----	868	UNCH
SEP16	----	----	0.0000	UNCH		----	----	240	UNCH
OCT16	----	----	0.0000	UNCH		----	----	248	UNCH
NOV16	----	----	0.0100	UNCH		----	----	240	UNCH
DEC16	----	----	0.0100	UNCH		----	----	248	UNCH
JAN17	----	----	0.0100	UNCH		----	----	248	UNCH
FEB17	----	----	0.0100	UNCH		----	----	224	UNCH
MAR17	----	----	0.0100	UNCH		----	----	248	UNCH
TOTAL IY FUT								2564	- 1240



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PETROLEUM FUTURES PRODUCTS				

GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
1W FUT	1% FUEL OIL (PLT) CARG CIF MED								
AUG16	----	----	219.836	+	5.343	----	----	181	UNCH
SEP16	----	----	219.225	+	6.275	----	----	186	UNCH
OCT16	----	----	221.650	+	5.800	----	----	213	UNCH
NOV16	----	----	226.100	+	5.950	----	----	188	UNCH
DEC16	----	----	228.914	+	5.861	----	----	188	UNCH
JAN17	----	----	231.728	+	5.772	----	----	3	UNCH
FEB17	----	----	234.542	+	5.684	----	----	3	UNCH
MAR17	----	----	236.719	+	5.631	----	----	3	UNCH
APR17	----	----	238.896	+	5.579	----	----	10	UNCH
MAY17	----	----	241.073	+	5.527	----	----	10	UNCH
JUN17	----	----	243.250	+	5.475	----	----	10	UNCH
JUL17	----	----	245.427	+	5.423	----	----	3	UNCH
AUG17	----	----	247.604	+	5.371	----	----	3	UNCH
SEP17	----	----	249.781	+	5.318	----	----	3	UNCH
OCT17	----	----	251.958	+	5.266	----	----	3	UNCH
NOV17	----	----	254.135	+	5.214	----	----	3	UNCH
DEC17	----	----	256.312	+	5.162	----	----	3	UNCH
TOTAL 1W FUT								1013	
1X FUT	1% FUEL OIL (PLT) CARG CIF NWE								
JUL16	----	----	243.881		UNCH	----	----	12	UNCH
AUG16	----	----	219.131	+	5.183	----	----	12	UNCH
SEP16	----	----	219.225	+	6.275	----	----	12	UNCH
OCT16	----	----	221.650	+	6.050	----	----	12	UNCH
NOV16	----	----	225.100	+	5.950	----	----	12	UNCH
DEC16	----	----	228.414	+	5.945	----	----	12	UNCH
TOTAL 1X FUT								72	
33 FUT	1% FUEL OIL RDM VS 1% OIL NWE PLTS								
JUL16	----	----	-10.905		UNCH	----	----	0 - 13	
AUG16	----	----	-4.314	+	0.053	----	----	28	UNCH
SEP16	----	----	-2.917		UNCH	----	----	13	UNCH
OCT16	----	----	-3.000		UNCH	----	----	13	UNCH
NOV16	----	----	-3.000		UNCH	----	----	13	UNCH
DEC16	----	----	-3.063		UNCH	----	----	13	UNCH
JAN17	----	----	-2.833		UNCH	----	----	11	UNCH
FEB17	----	----	-2.750		UNCH	----	----	11	UNCH
MAR17	----	----	-2.750		UNCH	----	----	11	UNCH
APR17	----	----	-2.750		UNCH	----	----	1	UNCH
MAY17	----	----	-2.750		UNCH	----	----	1	UNCH
JUN17	----	----	-2.750		UNCH	----	----	1	UNCH
JUL17	----	----	-2.750		UNCH	----	----	1	UNCH
AUG17	----	----	-2.750		UNCH	----	----	1	UNCH
SEP17	----	----	-2.750		UNCH	----	----	1	UNCH
OCT17	----	----	-3.000		UNCH	----	----	1	UNCH
NOV17	----	----	-3.000		UNCH	----	----	1	UNCH
DEC17	----	----	-3.000		UNCH	----	----	1	UNCH
TOTAL 33 FUT								122 - 13	
BOB FUT	3.5% FUEL OIL (PLATTS) FOB RDA								
JUL16	----	----	-11.410		UNCH	----	----	0 - 746	
AUG16	----	----	-11.176	-	0.446	----	----	757	UNCH
SEP16	----	----	-12.186	-	0.347	----	20	553	UNCH
OCT16	----	----	-12.753	-	0.297	----	10	529	UNCH
NOV16	----	----	-13.054	-	0.247	----	10	551	UNCH
DEC16	----	----	-13.379	-	0.255	----	10	548	UNCH
JAN17	----	----	-13.294	-	0.207	----	5	129	UNCH
FEB17	----	----	-13.369	-	0.147	----	5	129	UNCH
MAR17	----	----	-13.439	-	0.127	----	5	129	UNCH
APR17	----	----	-13.478	-	0.107	----	5	70	UNCH
MAY17	----	----	-13.518	-	0.086	----	5	70	UNCH
JUN17	----	----	-13.553	-	0.077	----	5	70	UNCH
JUL17	----	----	-13.538	-	0.047	----	5	62	UNCH
AUG17	----	----	-13.551	-	0.028	----	5	62	UNCH
SEP17	----	----	-13.544	-	0.006	----	5	82	UNCH
OCT17	----	----	-13.549	+	0.003	----	5	71	UNCH
NOV17	----	----	-13.603	+	0.023	----	5	71	UNCH
DEC17	----	----	-13.681	+	0.044	----	5	93	UNCH
JAN18	----	----	-13.484	+	0.063	----	----	13	UNCH
FEB18	----	----	-13.471	+	0.043	----	----	13	UNCH
MAR18	----	----	-13.472	+	0.044	----	----	13	UNCH
APR18	----	----	-13.438	+	0.043	----	----	13	UNCH
MAY18	----	----	-13.448	+	0.035	----	----	13	UNCH
JUN18	----	----	-13.422	+	0.025	----	----	13	UNCH
JUL18	----	----	-13.374	+	0.015	----	----	9	UNCH

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BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		BOB FUT	3.5% FUEL OIL (PLATTS)	FOB RDA		SETTL. PRICE & PT. CHGE		GLOBAL [®] VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
		BOB FUT	3.5% FUEL OIL (PLATTS)	FOB RDA		SETTL. PRICE & PT. CHGE		GLOBAL [®] VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
		AUG18	----	----		-13.298 + 0.034		----	----	9	UNCH
		SEP18	----	----		-13.251 + 0.035		----	----	9	UNCH
		OCT18	----	----		-13.186 + 0.055		----	----	9	UNCH
		NOV18	----	----		-13.219 + 0.065		----	----	9	UNCH
		DEC18	----	----		-13.253 + 0.086		----	----	9	UNCH
		JAN19	----	----		-13.051 + 0.105		----	----	8	UNCH
		FEB19	----	----		-13.065 + 0.125		----	----	8	UNCH
		MAR19	----	----		-13.066 + 0.124		----	----	8	UNCH
		APR19	----	----		-13.028 + 0.135		----	----	8	UNCH
		MAY19	----	----		-12.990 + 0.125		----	----	8	UNCH
		JUN19	----	----		-12.955 + 0.136		----	----	8	UNCH
		JUL19	----	----		-12.956 + 0.145		----	----	8	UNCH
		AUG19	----	----		-12.949 + 0.156		----	----	8	UNCH
		SEP19	----	----		-12.940 + 0.175		----	----	8	UNCH
		OCT19	----	----		-12.905 + 0.185		----	----	8	UNCH
		NOV19	----	----		-12.928 + 0.195		----	----	8	UNCH
		DEC19	----	----		-12.959 + 0.206		----	----	8	UNCH
		JAN20	----	----		-12.961 + 0.161		----	----	3	UNCH
		FEB20	----	----		-12.964 + 0.125		----	----	3	UNCH
		MAR20	----	----		-12.965 + 0.088		----	----	3	UNCH
		APR20	----	----		-12.966 + 0.043		----	----	3	UNCH
		MAY20	----	----		-12.938 + 0.006		----	----	3	UNCH
		JUN20	----	----		-12.909 - 0.039		----	----	3	UNCH
		JUL20	----	----		-12.928 - 0.028		----	----	3	UNCH
		AUG20	----	----		-12.965 - 0.007		----	----	3	UNCH
		SEP20	----	----		-12.997 + 0.003		----	----	3	UNCH
		OCT20	----	----		-13.035 + 0.014		----	----	3	UNCH
		NOV20	----	----		-13.065 + 0.015		----	----	3	UNCH
		DEC20	----	----		-13.100 + 0.015		----	----	3	UNCH
		TOTAL BOB FUT							110	4240 -	746
		7D FUT	3.5% FUEL OIL CID MED								
		JUL16	----	----		232.821 UNCH		----	----	0 -	115
		AUG16	----	----		206.005 + 4.611		----	----	123	UNCH
		SEP16	----	----		203.313 + 5.681		----	----	163	UNCH
		OCT16	----	----		203.063 + 5.743		----	----	125	UNCH
		NOV16	----	----		204.083 + 5.743		----	----	145	UNCH
		DEC16	----	----		205.083 + 5.493		----	10	100 +	10
		JAN17	----	----		208.625 + 5.618		----	----	20	UNCH
		FEB17	----	----		210.625 + 5.743		----	----	20	UNCH
		MAR17	----	----		212.625 + 5.743		----	----	20	UNCH
		JAN18	----	----		231.625 + 5.493		----	----	7	UNCH
		FEB18	----	----		233.500 + 5.243		----	----	7	UNCH
		MAR18	----	----		235.375 + 5.118		----	----	7	UNCH
		TOTAL 7D FUT							10	737 -	105
		63 FUT	3.5% FUEL OIL RDAM VS	FOB MED BALM							
		05JUL16	----	----		1.368 UNCH		----	----	0 -	60
		11JUL16	----	----		1.350 UNCH		----	----	0 -	35
		18JUL16	----	----		1.375 UNCH		----	----	0 -	5
		20JUL16	----	----		0.875 UNCH		----	----	0 -	30
		03AUG16	----	----		-2.621 + 0.046		----	----	30	UNCH
		TOTAL 63 FUT								30 -	130
		FCB FUT	3.5% FUELOIL FOB RDAM	CRK SPD BALMO							
		05JUL16	----	----		-11.242 UNCH		----	----	0 -	19
		03AUG16	----	----		-11.264 NEW		----	64	64 +	64
		TOTAL FCB FUT							64	64 +	45
		EOB FUT	ARGUS GASOLINE NWE	CRACK SPR							
		JUL16	----	----		6.368 UNCH		----	----	0 -	14
		AUG16	----	----		8.596 + 0.027		----	----	14	UNCH
		SEP16	----	----		8.278 + 0.380		----	----	22	UNCH
		OCT16	----	----		5.204 + 0.336		----	----	4	UNCH
		NOV16	----	----		4.594 + 0.274		----	----	4	UNCH
		DEC16	----	----		4.089 + 0.247		----	----	4	UNCH
		JUL17	----	----		9.214 + 0.240		----	----	7	UNCH
		AUG17	----	----		8.637 + 0.159		----	----	7	UNCH
		SEP17	----	----		8.129 + 0.280		----	----	7	UNCH
		TOTAL EOB FUT								69 -	14
		4C FUT	CHICAGO ULSD (PLATTS)								
		JUL16	----	----		1.3585 UNCH		----	----	0 -	3
		AUG16	----	----		1.3103 + 0.0313		----	----	3	UNCH
		SEP16	----	----		1.3212 + 0.0297		----	----	3	UNCH
		OCT16	----	----		1.3627 + 0.0307		----	----	3	UNCH
		NOV16	----	----		1.3507 + 0.0316		----	----	3	UNCH
		DEC16	----	----		1.3447 + 0.0321		----	----	3	UNCH

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TOTAL	4C FUT							15	- 3
5C FUT		CHICAGO ULSD	PL VS HO	SPR					
JUL16		----	----	-0.0265	UNCH	----	----	0	- 210
AUG16		----	----	0.0253	+ 0.0053	----	----	205	UNCH
SEP16		----	----	0.0110	+ 0.0020	----	----	222	UNCH
OCT16		----	----	0.0310	+ 0.0020	----	----	207	UNCH
NOV16		----	----	0.0000	+ 0.0025	----	----	136	UNCH
DEC16		----	----	-0.0254	+ 0.0035	----	----	72	UNCH
JAN17		----	----	-0.0048	+ 0.0025	----	----	36	UNCH
FEB17		----	----	0.0395	UNCH	----	----	39	UNCH
MAR17		----	----	0.0252	UNCH	----	----	37	UNCH
APR17		----	----	0.0277	+ 0.0025	----	----	37	UNCH
MAY17		----	----	0.0535	+ 0.0025	----	----	39	UNCH
JUN17		----	----	0.0525	+ 0.0020	----	----	39	UNCH
JUL17		----	----	0.0273	+ 0.0025	----	----	38	UNCH
AUG17		----	----	0.0273	+ 0.0025	----	----	38	UNCH
SEP17		----	----	0.0273	+ 0.0025	----	----	38	UNCH
OCT17		----	----	0.0183	UNCH	----	----	38	UNCH
NOV17		----	----	0.0008	UNCH	----	----	36	UNCH
DEC17		----	----	-0.0156	UNCH	----	----	34	UNCH
TOTAL	5C FUT							1291	- 210
3C FUT		CHICAGO UNL	GAS PL VS	RBOB SPR					
JUL16		----	----	-0.0439	UNCH	----	----	0	- 3
AUG16		----	----	0.0948	- 0.0084	----	75	128	+ 75
SEP16		----	----	0.1050	UNCH	----	----	53	UNCH
OCT16		----	----	-0.0813	UNCH	----	----	3	UNCH
NOV16		----	----	-0.0813	UNCH	----	----	3	UNCH
DEC16		----	----	-0.0813	UNCH	----	----	3	UNCH
JAN17		----	----	-0.1723	UNCH	----	----	3	UNCH
FEB17		----	----	-0.0821	UNCH	----	----	3	UNCH
MAR17		----	----	-0.0938	UNCH	----	----	3	UNCH
APR17		----	----	-0.0950	UNCH	----	----	3	UNCH
MAY17		----	----	-0.0950	UNCH	----	----	3	UNCH
JUN17		----	----	-0.0950	UNCH	----	----	3	UNCH
JUL17		----	----	-0.0788	UNCH	----	----	3	UNCH
AUG17		----	----	-0.0788	UNCH	----	----	3	UNCH
SEP17		----	----	-0.0788	UNCH	----	----	3	UNCH
OCT17		----	----	-0.0763	UNCH	----	----	3	UNCH
NOV17		----	----	-0.0763	UNCH	----	----	3	UNCH
DEC17		----	----	-0.0763	UNCH	----	----	3	UNCH
TOTAL	3C FUT						75	226	+ 72
D46 FUT		D4 BIODIESEL	RINS (ARGUS)	2016 FUT					
JUL16		----	----	1.0100	UNCH	----	----	0	- 10
AUG16		----	----	0.9900	- 0.0200	----	----	10	UNCH
SEP16		----	----	0.9900	- 0.0200	----	----	10	UNCH
TOTAL	D46 FUT							20	- 10
NCP FUT		DALY EUROP	NAPHTHA	PLTS CIF NWE	FUT				
01AUG16		----	----	333.000	UNCH	----	----	4	UNCH
02AUG16		----	----	330.750	UNCH	----	----	4	UNCH
03AUG16		----	----	337.750	+ 1.510	----	----	4	UNCH
04AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
05AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
08AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
09AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
10AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
11AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
12AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
15AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
16AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
17AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
18AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
19AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
22AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
23AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
24AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
25AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
26AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
30AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
31AUG16		----	----	350.138	+ 13.898	----	----	4	UNCH
TOTAL	NCP FUT							88	
GBR FUT		DALY GAS	EUROBOB	OXY ARGS	NWE BRGS				
01AUG16		----	----	418.500	UNCH	----	----	8	UNCH
02AUG16		----	----	418.250	UNCH	----	----	8	UNCH
03AUG16		----	----	416.250	- 3.745	----	----	8	UNCH

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ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

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		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE			GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST			
GBR FUT		DALY GAS		EUROBOB	OXY	ARGS	NWE	BRGS								
04AUG16		----				----			431.882	+	11.887	----	----	8	UNCH	
05AUG16		----				----			431.882	+	11.887	----	----	8	UNCH	
TOTAL GBR FUT														40		
7X FUT		DIESEL		10P BRG	FOB RDM	VS	ICEBL									
03AUG16		----				----			-5.106		NEW	----	10	10	+	10
TOTAL 7X FUT												10	10	+	10	
EWN FUT		E/W NAPHTHA		JAPAN	CF-CARGOS	CIF	NWE									
JUL16		----				----			10.601		UNCH	----	----	123	UNCH	
AUG16		----				----			11.655	-	0.697	----	----	152	UNCH	
SEP16		----				----			12.333	-	0.167	----	40	98	+	25
OCT16		----				----			13.417	+	0.167	----	----	93	UNCH	
NOV16		----				----			14.334	+	0.084	----	----	43	UNCH	
DEC16		----				----			14.417	-	0.083	----	----	33	UNCH	
JAN17		----				----			14.500		UNCH	----	----	5	UNCH	
FEB17		----				----			14.334	+	0.084	----	----	5	UNCH	
MAR17		----				----			14.416	+	0.291	----	----	20	UNCH	
APR17		----				----			14.500	+	0.500	----	----	2	UNCH	
MAY17		----				----			14.417	+	0.542	----	----	2	UNCH	
JUN17		----				----			14.417	+	0.667	----	----	2	UNCH	
JUL17		----				----			14.334	+	0.709	----	----	2	UNCH	
AUG17		----				----			14.500	+	1.250	----	----	2	UNCH	
SEP17		----				----			14.000	+	0.750	----	----	2	UNCH	
OCT17		----				----			13.917	+	0.917	----	----	2	UNCH	
NOV17		----				----			13.833	+	0.958	----	----	2	UNCH	
DEC17		----				----			13.750	+	1.000	----	----	2	UNCH	
TOTAL EWN FUT												40	590	+	25	
EW FUT		EAST/WEST		FUEL OIL	SPREAD											
JUL16		----				----			18.69		UNCH	----	----	0	-	58
AUG16		----				----			14.76	-	0.11	----	----	107	UNCH	
SEP16		----				----			19.50	-	0.13	----	----	75	UNCH	
OCT16		----				----			20.50	-	0.75	----	----	35	UNCH	
NOV16		----				----			21.25	-	0.50	----	----	35	UNCH	
DEC16		----				----			21.50	-	0.25	----	----	35	UNCH	
TOTAL EW FUT														287	-	58
EWG FUT		EAST-WST		GASOLINE	SPREAD	PLATTS/ARG										
JUL16		----				----			-3.482		UNCH	----	----	0	-	150
AUG16		----				----			-4.238	+	0.309	----	----	679	UNCH	
SEP16		----				----			-3.533	+	0.267	----	----	150	UNCH	
OCT16		----				----			-0.482	+	0.287	----	150	480	+	150
NOV16		----				----			0.198	+	0.357	----	----	230	UNCH	
DEC16		----				----			0.726	+	0.315	----	----	280	UNCH	
TOTAL EWG FUT												150	1819			
A5 FUT		EIA FLAT TAX		ONHWAY	DIESEL											
JUL16		----				----			2.4045		UNCH	----	----	0	-	591
AUG16		----				----			2.2804	+	0.0264	----	----	700	UNCH	
SEP16		----				----			2.2362	+	0.0297	----	----	476	UNCH	
OCT16		----				----			2.2696	+	0.0307	----	----	474	UNCH	
NOV16		----				----			2.3157	+	0.0316	----	----	417	UNCH	
DEC16		----				----			2.3186	+	0.0321	----	----	423	UNCH	
JAN17		----				----			2.3679	+	0.0304	----	----	208	UNCH	
FEB17		----				----			2.3913	+	0.0271	----	----	210	UNCH	
MAR17		----				----			2.4036	+	0.0266	----	----	217	UNCH	
APR17		----				----			2.4087	+	0.0282	----	----	151	UNCH	
MAY17		----				----			2.4157	+	0.0274	----	----	148	UNCH	
JUN17		----				----			2.4250	+	0.0262	----	----	148	UNCH	
JUL17		----				----			2.4375	+	0.0262	----	----	153	UNCH	
AUG17		----				----			2.4501	+	0.0256	----	----	153	UNCH	
SEP17		----				----			2.4625	+	0.0249	----	----	153	UNCH	
OCT17		----				----			2.4653	+	0.0218	----	----	153	UNCH	
NOV17		----				----			2.4584	+	0.0212	----	----	150	UNCH	
DEC17		----				----			2.4544	+	0.0206	----	----	150	UNCH	
JAN18		----				----			2.4696	+	0.0231	----	----	31	UNCH	
FEB18		----				----			2.4866	+	0.0206	----	----	31	UNCH	
MAR18		----				----			2.4949	+	0.0209	----	----	31	UNCH	
APR18		----				----			2.5019	+	0.0239	----	----	5	UNCH	
MAY18		----				----			2.5074	+	0.0242	----	----	5	UNCH	
JUN18		----				----			2.5174	+	0.0237	----	----	5	UNCH	
JUL18		----				----			2.5309	+	0.0242	----	----	5	UNCH	
AUG18		----				----			2.5449	+	0.0242	----	----	5	UNCH	
SEP18		----				----			2.5574	+	0.0237	----	----	5	UNCH	
OCT18		----				----			2.5574	+	0.0207	----	----	2	UNCH	
TOTAL A5 FUT														4609	-	591
JE FUT		EIA FLAT TAX		US RETAIL	GASOLINE											

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ENERGY FUTURES PRODUCTS

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		GLOBAL EX	OPEN	GLOBAL EX	HIGH/LOW	SETT. PRICE	& PT. CHGE	GLOBAL EX	PNT/PIT	OPEN
								VOLUME	VOLUME	INTEREST
JE FUT	EIA FLAT TAX US RETAIL GASOLINE									
JUL16		----		----		2.2390	UNCH	----	----	0 - 38
AUG16		----		----		2.1357	+ 0.0306	----	----	38 UNCH
SEP16		----		----		2.0336	+ 0.0392	----	----	38 UNCH
OCT16		----		----		2.0177	+ 0.0377	----	----	38 UNCH
NOV16		----		----		2.0083	+ 0.0358	----	----	44 UNCH
DEC16		----		----		2.0145	+ 0.0357	----	----	44 UNCH
TOTAL JE FUT										202 - 38
EFM FUT	EUR 1%FUEL OIL CARGO FOB MED PLATTS									
JUL16		----		----		243.333	UNCH	----	----	0 - 10
AUG16		----		----		213.166	+ 5.377	----	----	175 UNCH
SEP16		----		----		211.975	+ 6.275	----	----	180 UNCH
OCT16		----		----		213.650	+ 6.050	----	----	75 UNCH
NOV16		----		----		216.350	+ 5.950	----	----	50 UNCH
DEC16		----		----		218.914	+ 5.945	----	----	50 UNCH
APR17		----		----		228.521	+ 5.829	----	----	10 UNCH
MAY17		----		----		230.760	+ 5.777	----	----	10 UNCH
JUN17		----		----		233.000	+ 5.725	----	----	10 UNCH
TOTAL EFM FUT										560 - 10
ENS FUT	EUR1%FUEL OIL FOB MED-EUR1% FOB NWE									
AUG16		----		----		4.035	+ 0.239	----	----	199 UNCH
SEP16		----		----		4.500	+ 0.250	----	----	79 UNCH
OCT16		----		----		5.250	UNCH	----	----	69 UNCH
NOV16		----		----		6.250	UNCH	----	----	69 UNCH
DEC16		----		----		7.364	+ 0.295	----	----	69 UNCH
JAN17		----		----		6.166	+ 0.152	----	----	10 UNCH
FEB17		----		----		6.250	UNCH	----	----	10 UNCH
MAR17		----		----		6.156	- 0.094	----	----	10 UNCH
APR17		----		----		6.146	- 0.021	----	----	10 UNCH
MAY17		----		----		6.135	- 0.073	----	----	10 UNCH
JUN17		----		----		6.250	UNCH	----	----	10 UNCH
JUL17		----		----		6.490	- 0.052	----	----	10 UNCH
AUG17		----		----		6.729	- 0.104	----	----	10 UNCH
SEP17		----		----		6.969	- 0.156	----	----	10 UNCH
OCT17		----		----		7.708	- 0.084	----	----	10 UNCH
NOV17		----		----		8.323	- 0.135	----	----	10 UNCH
DEC17		----		----		8.937	- 0.188	----	----	10 UNCH
TOTAL ENS FUT										605
EFF FUT	EUR3.5%FUEL OIL CARGO FOB MED BALMO									
03AUG16		----		----		199.655	NEW	----	10	10 + 10
TOTAL EFF FUT									10	10 + 10
KR FUT	EURO 3.5% FUEL OIL RDM BALMO									
04JUL16		----		----		222.663	UNCH	----	----	0 - 90
05JUL16		----		----		222.000	UNCH	----	----	0 - 37
06JUL16		----		----		221.861	UNCH	----	----	0 - 5
08JUL16		----		----		221.031	UNCH	----	----	0 - 20
25JUL16		----		----		212.650	UNCH	----	----	0 - 20
26JUL16		----		----		212.375	UNCH	----	----	0 - 10
02AUG16		----		----		202.108	+ 4.913	----	----	30 UNCH
03AUG16		----		----		202.276	NEW	----	40	40 + 40
TOTAL KR FUT									40	70 - 142
FK FUT	EURO 3.5% FUEL OIL SPREAD									
AUG16		----		----		-2.64	+ 0.04	----	----	286 UNCH
SEP16		----		----		-2.06	+ 0.06	----	10	116 + 10
OCT16		----		----		-2.19	UNCH	----	----	27 UNCH
NOV16		----		----		-2.17	UNCH	----	----	27 UNCH
DEC16		----		----		-2.17	UNCH	----	----	27 UNCH
JAN17		----		----		-1.88	UNCH	----	----	5 UNCH
FEB17		----		----		-2.00	UNCH	----	----	5 UNCH
MAR17		----		----		-2.00	UNCH	----	----	5 UNCH
JUL17		----		----		-1.50	UNCH	----	----	5 UNCH
AUG17		----		----		-1.50	UNCH	----	----	5 UNCH
SEP17		----		----		-1.50	UNCH	----	----	5 UNCH
TOTAL FK FUT									10	513 + 10
ET FUT	EURO DIESEL 10PPM VS ICE									
AUG16		----		----		-5.08	+ 0.33	----	----	93 UNCH
SEP16		----		----		-4.25	+ 0.21	----	----	81 UNCH
OCT16		----		----		-3.00	UNCH	----	----	97 UNCH
NOV16		----		----		-2.75	+ 0.25	----	----	98 UNCH
DEC16		----		----		-3.00	+ 0.25	----	----	98 UNCH
TOTAL ET FUT										467
EPN FUT	EURO PPNE CIFARG VS NAPHTHA NWE SW									
JUL16		----		----		-92.155	UNCH	----	----	0 - 87
AUG16		----		----		-81.439	- 3.832	----	----	96 UNCH

PG61 BULLETIN #148@				ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61					
		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST	
EPN FUT	EURO	PPNE	CIFARG VS	NAPHTHA	NWE	SW							
SEP16		----		----			-75.733	-	1.733	----	5	64	+
OCT16		----		----			-72.983	-	1.983	----		73	
NOV16		----		----			-69.400	-	1.650	----		73	
DEC16		----		----			-65.983	-	1.733	----		73	
JAN17		----		----			-63.150	-	1.900	----		11	
FEB17		----		----			-68.675	-	3.758	----		11	
MAR17		----		----			-75.300	-	4.633	----		11	
APR17		----		----			-84.050	-	4.467	----		2	
MAY17		----		----			-86.050	-	3.717	----		2	
JUN17		----		----			-83.050	-	2.300	----		2	
JUL17		----		----			-80.050	-	2.383	----		2	
AUG17		----		----			-77.425	-	2.675	----		2	
SEP17		----		----			-73.800	-	2.300	----		2	
OCT17		----		----			-70.175	-	1.758	----		2	
NOV17		----		----			-66.550	-	1.383	----		2	
DEC17		----		----			-63.425	-	1.675	----		2	
TOTAL EPN FUT										5		430	-
43 FUT	EUROP	NAPHTHA	PLATTS	CRCK	SPR	BALMO							
05JUL16		----		----			-3.934		UNCH	----		0	-
13JUL16		----		----			-4.040		UNCH	----		0	-
TOTAL 43 FUT												0	-
UF FUT	EUROPE	1% FUEL	OIL	NWE	CAL								
JUL16		----		----			235.52		UNCH	----		0	-
AUG16		----		----			209.13	+	5.14	----		90	
SEP16		----		----			207.48	+	6.03	----		105	
OCT16		----		----			208.40	+	6.05	----		150	
NOV16		----		----			210.10	+	5.95	----		150	
DEC16		----		----			211.55	+	5.65	----		150	
JAN17		----		----			215.31	+	5.79	----		3	
FEB17		----		----			217.79	+	5.93	----		3	
MAR17		----		----			220.13	+	5.98	----		3	
APR17		----		----			222.38	+	5.85	----		3	
MAY17		----		----			224.63	+	5.85	----		3	
JUN17		----		----			226.75	+	5.73	----		3	
JUL17		----		----			228.75	+	5.73	----		3	
AUG17		----		----			230.75	+	5.73	----		3	
SEP17		----		----			232.75	+	5.73	----		3	
OCT17		----		----			234.25	+	5.60	----		3	
NOV17		----		----			235.88	+	5.60	----		3	
DEC17		----		----			237.50	+	5.60	----		3	
TOTAL UF FUT												681	-
UH FUT	EUROPE	1% FUEL	OIL	RDAM	CAL								
JUL16		----		----			224.62		UNCH	----		0	-
AUG16		----		----			204.82	+	5.19	----		5	
SEP16		----		----			204.56	+	6.03	----		5	
OCT16		----		----			205.40	+	6.05	----		17	
NOV16		----		----			207.10	+	5.95	----		17	
DEC16		----		----			208.49	+	5.65	----		17	
DEC17		----		----			234.50	+	5.60	----		5	
TOTAL UH FUT												66	-
UI FUT	EUROPE	3.5% FUEL	OIL	MED	CAL								
JUL16		----		----			224.71		UNCH	----		0	-
AUG16		----		----			199.55	+	4.73	----		135	
SEP16		----		----			196.81	+	5.79	----		201	
OCT16		----		----			196.56	+	5.85	----		128	
NOV16		----		----			197.58	+	5.85	----		148	
DEC16		----		----			198.58	+	5.60	10		103	+
JAN17		----		----			202.13	+	5.73	----		20	
FEB17		----		----			204.13	+	5.85	----		20	
MAR17		----		----			206.13	+	5.85	----		20	
JAN18		----		----			225.13	+	5.60	----		7	
FEB18		----		----			227.00	+	5.35	----		7	
MAR18		----		----			228.88	+	5.23	----		7	
TOTAL UI FUT										10		796	-
JV FUT	EUROPE	3.5% FUEL	OIL	RDAM	CAL								
JUL16		----		----			223.37		UNCH	----		0	-
AUG16		----		----			202.19	+	4.69	----		1191	
SEP16		----		----			198.88	+	5.73	43		1255	+
OCT16		----		----			198.75	+	5.85	----		1110	
NOV16		----		----			199.75	+	5.85	----		560	
DEC16		----		----			200.75	+	5.60	----		994	
JAN17		----		----			204.00	+	5.73	----		344	
FEB17		----		----			206.13	+	5.85	----		159	

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GLOBEX OPEN				GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
UV FUT	EUROPE 3.5% FUEL OIL	RDAM	CAL									
MAR17	----			----		208.13	+	5.85	----	15		300 + 5
APR17	----			----		210.13	+	5.85	----	----		174 UNCH
MAY17	----			----		212.13	+	5.85	----	10		172 + 3
JUN17	----			----		214.00	+	5.73	----	5		185 UNCH
JUL17	----			----		216.00	+	5.73	----	----		150 UNCH
AUG17	----			----		217.75	+	5.73	----	----		156 UNCH
SEP17	----			----		219.50	+	5.73	----	----		151 UNCH
OCT17	----			----		221.00	+	5.60	----	----		108 UNCH
NOV17	----			----		222.38	+	5.60	----	----		103 UNCH
DEC17	----			----		223.75	+	5.60	----	----		158 UNCH
JAN18	----			----		226.63	+	5.60	----	----		18 UNCH
FEB18	----			----		228.50	+	5.35	----	----		18 UNCH
MAR18	----			----		230.38	+	5.23	----	----		18 UNCH
APR18	----			----		232.25	+	5.10	----	----		29 UNCH
MAY18	----			----		233.88	+	4.98	----	----		29 UNCH
JUN18	----			----		235.38	+	4.85	----	----		29 UNCH
JUL18	----			----		236.88	+	4.73	----	----		21 UNCH
AUG18	----			----		238.38	+	4.73	----	----		21 UNCH
SEP18	----			----		239.63	+	4.60	----	----		21 UNCH
OCT18	----			----		240.88	+	4.60	----	----		24 UNCH
NOV18	----			----		242.00	+	4.60	----	----		24 UNCH
DEC18	----			----		243.13	+	4.60	----	----		24 UNCH
JAN19	----			----		245.63	+	4.60	----	----		2 UNCH
FEB19	----			----		247.25	+	4.60	----	----		2 UNCH
MAR19	----			----		248.75	+	4.48	----	----		2 UNCH
APR19	----			----		250.13	+	4.48	----	----		2 UNCH
MAY19	----			----		251.38	+	4.35	----	----		2 UNCH
JUN19	----			----		252.63	+	4.35	----	----		2 UNCH
JUL19	----			----		253.63	+	4.35	----	----		2 UNCH
AUG19	----			----		254.63	+	4.35	----	----		2 UNCH
SEP19	----			----		255.63	+	4.35	----	----		2 UNCH
OCT19	----			----		256.63	+	4.35	----	----		2 UNCH
NOV19	----			----		257.63	+	4.35	----	----		2 UNCH
DEC19	----			----		258.63	+	4.35	----	----		2 UNCH
TOTAL UV FUT										73		7570 - 1043
UJ FUT	EUROPE JET KERO NWE	CAL										
JUL16	----			----		433.75		UNCH	----	----		0 - 3
AUG16	----			----		394.68	+	4.88	----	----		3 UNCH
SEP16	----			----		401.16	+	4.87	----	----		3 UNCH
OCT16	----			----		406.66	+	4.43	----	----		3 UNCH
NOV16	----			----		411.90	+	4.25	----	----		3 UNCH
DEC16	----			----		416.54	+	4.25	----	----		3 UNCH
TOTAL UJ FUT												15 - 3
UN FUT	EUROPE NAPHTHA	CAL										
JUL16	----			----		380.16		UNCH	----	----		0 - 464
AUG16	----			----		347.92	+	12.07	----	----		542 UNCH
SEP16	----			----		355.10	+	13.85	----	27		391 - 4
OCT16	----			----		359.29	+	12.84	----	13		152 - 4
NOV16	----			----		362.46	+	12.39	----	8		101 + 8
DEC16	----			----		365.86	+	12.34	----	10		141 + 5
JAN17	----			----		368.73	+	11.91	----	----		25 UNCH
FEB17	----			----		370.18	+	11.36	----	----		25 UNCH
MAR17	----			----		371.19	+	10.96	----	----		27 UNCH
APR17	----			----		372.17	+	10.66	----	----		6 UNCH
MAY17	----			----		373.24	+	10.55	----	----		6 UNCH
JUN17	----			----		374.17	+	10.32	----	----		6 UNCH
JUL17	----			----		375.65	+	10.13	----	----		1 UNCH
AUG17	----			----		377.45	+	9.91	----	----		1 UNCH
SEP17	----			----		379.85	+	10.35	----	----		1 UNCH
OCT17	----			----		381.86	+	10.24	----	----		7 UNCH
NOV17	----			----		383.93	+	10.34	----	----		7 UNCH
DEC17	----			----		386.15	+	10.64	----	----		7 UNCH
TOTAL UN FUT										58		1446 - 459
KZ FUT	EUROPEAN NAPHTHA	BALMO										
04JUL16	----			----		378.250		UNCH	----	----		0 - 5
05JUL16	----			----		376.197		UNCH	----	----		0 - 25
06JUL16	----			----		374.972		UNCH	----	----		0 - 4
08JUL16	----			----		372.906		UNCH	----	----		0 - 21
11JUL16	----			----		372.183		UNCH	----	----		0 - 5
13JUL16	----			----		370.173		UNCH	----	----		0 - 37
19JUL16	----			----		365.000		UNCH	----	----		0 - 5
22JUL16	----			----		357.458		UNCH	----	----		0 - 26
03AUG16	----			----		349.519		NEW	----	17		17 + 17

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		GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
TOTAL	KZ FUT						17	17	- 111	
EN FUT	EUROPEAN NAPTHA CRACK SPREAD									
JUL16		----	----	-3.87	UNCH	----	----	0	- 2116	
AUG16		----	----	-3.93	+	0.17	----	2083	UNCH	
SEP16		----	----	-3.61	+	0.31	----	1357	UNCH	
OCT16		----	----	-3.68	+	0.23	25	1104	- 18	
NOV16		----	----	-3.79	+	0.22	25	1127	- 25	
DEC16		----	----	-3.89	+	0.25	25	1028	- 25	
JAN17		----	----	-3.99	+	0.23	----	124	UNCH	
FEB17		----	----	-4.24	+	0.21	----	124	UNCH	
MAR17		----	----	-4.51	+	0.18	----	124	UNCH	
APR17		----	----	-4.75	+	0.17	----	130	UNCH	
MAY17		----	----	-4.99	+	0.18	----	80	UNCH	
JUN17		----	----	-5.21	+	0.18	----	80	UNCH	
JUL17		----	----	-5.35	+	0.19	----	80	UNCH	
AUG17		----	----	-5.43	+	0.18	----	80	UNCH	
SEP17		----	----	-5.43	+	0.25	----	80	UNCH	
OCT17		----	----	-5.45	+	0.27	----	89	UNCH	
NOV17		----	----	-5.49	+	0.30	----	89	UNCH	
DEC17		----	----	-5.53	+	0.36	----	89	UNCH	
TOTAL	EN FUT						75	7868	- 2184	
FBT FUT	FAME BIO ARGUS RDM RED VS ICE GAS									
JUL16		----	----	424.524	UNCH	----	----	0	- 20	
AUG16		----	----	469.288	+	3.648	----	20	UNCH	
SEP16		----	----	442.500	+	2.500	----	50	UNCH	
TOTAL	FBT FUT							70	- 20	
FS FUT	FUEL OIL CARGOES VS.BARGES									
JUL16		----	----	12.16	UNCH	----	----	0	- 102	
AUG16		----	----	6.94	+	0.45	----	228	UNCH	
SEP16		----	----	8.60	+	0.30	----	102	UNCH	
OCT16		----	----	9.65	+	0.20	----	84	UNCH	
NOV16		----	----	10.35	+	0.10	----	77	UNCH	
DEC16		----	----	10.80	+	0.05	----	98	UNCH	
JAN17		----	----	11.31	+	0.06	----	93	UNCH	
FEB17		----	----	11.67	+	0.08	----	93	UNCH	
MAR17		----	----	12.00	+	0.13	----	29	UNCH	
APR17		----	----	12.25	UNCH	----	----	10	UNCH	
MAY17		----	----	12.50	UNCH	----	----	10	UNCH	
JUN17		----	----	12.75	UNCH	----	----	10	UNCH	
JUL17		----	----	12.75	UNCH	----	----	10	UNCH	
AUG17		----	----	13.00	UNCH	----	----	10	UNCH	
SEP17		----	----	13.25	UNCH	----	----	10	UNCH	
OCT17		----	----	13.25	UNCH	----	----	10	UNCH	
NOV17		----	----	13.50	UNCH	----	----	10	UNCH	
DEC17		----	----	13.75	UNCH	----	----	10	UNCH	
JAN18		----	----	15.25	UNCH	----	----	79	UNCH	
FEB18		----	----	15.25	UNCH	----	----	79	UNCH	
MAR18		----	----	15.25	UNCH	----	----	1	UNCH	
APR18		----	----	15.50	UNCH	----	----	1	UNCH	
MAY18		----	----	15.50	UNCH	----	----	1	UNCH	
JUN18		----	----	15.50	UNCH	----	----	1	UNCH	
JUL18		----	----	15.75	+	0.06	----	1	UNCH	
AUG18		----	----	16.00	UNCH	----	----	1	UNCH	
SEP18		----	----	15.96	+	0.08	----	1	UNCH	
OCT18		----	----	15.92	+	0.04	----	1	UNCH	
NOV18		----	----	16.00	UNCH	----	----	1	UNCH	
DEC18		----	----	17.04	UNCH	----	----	1	UNCH	
TOTAL	FS FUT							1062	- 102	
FO FUT	FUEL OIL CRACK VS ICE									
JUL16		----	----	-11.41	UNCH	----	----	0	- 1487	
AUG16		----	----	-11.18	-	0.45	----	1658	UNCH	
SEP16		----	----	-12.19	-	0.35	96	1548	+	33
OCT16		----	----	-12.75	-	0.30	----	1371	UNCH	
NOV16		----	----	-13.05	-	0.25	----	1371	UNCH	
DEC16		----	----	-13.38	-	0.26	----	1469	UNCH	
JAN17		----	----	-13.29	-	0.21	5	621	+	5
FEB17		----	----	-13.37	-	0.15	5	621	+	5
MAR17		----	----	-13.44	-	0.13	5	621	+	5
APR17		----	----	-13.48	-	0.11	5	602	+	5
MAY17		----	----	-13.52	-	0.09	5	602	+	5
JUN17		----	----	-13.55	-	0.08	5	602	+	5
JUL17		----	----	-13.54	-	0.05	5	417	+	5
AUG17		----	----	-13.55	-	0.03	5	417	+	5
SEP17		----	----	-13.54	-	0.01	5	417	+	5

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ENERGY FUTURES PRODUCTS

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		GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
FO	FUT	FUEL	OIL	CRACK	VS ICE						
OCT17			----	----	----	-13.55	+	0.00	----	5	416 + 5
NOV17			----	----	----	-13.60	+	0.02	----	5	416 + 5
DEC17			----	----	----	-13.68	+	0.04	----	5	416 + 5
JAN18			----	----	----	-13.48	+	0.06	----		311 UNCH
FEB18			----	----	----	-13.47	+	0.04	----		311 UNCH
MAR18			----	----	----	-13.47	+	0.04	----		311 UNCH
APR18			----	----	----	-13.44	+	0.04	----		311 UNCH
MAY18			----	----	----	-13.45	+	0.04	----		311 UNCH
JUN18			----	----	----	-13.42	+	0.03	----		311 UNCH
JUL18			----	----	----	-13.37	+	0.02	----		311 UNCH
AUG18			----	----	----	-13.30	+	0.03	----		311 UNCH
SEP18			----	----	----	-13.25	+	0.04	----		311 UNCH
OCT18			----	----	----	-13.19	+	0.06	----		311 UNCH
NOV18			----	----	----	-13.22	+	0.07	----		311 UNCH
DEC18			----	----	----	-13.25	+	0.09	----		311 UNCH
JAN19			----	----	----	-13.05	+	0.11	----		97 UNCH
FEB19			----	----	----	-13.07	+	0.13	----		97 UNCH
MAR19			----	----	----	-13.07	+	0.12	----		97 UNCH
APR19			----	----	----	-13.03	+	0.14	----		97 UNCH
MAY19			----	----	----	-12.99	+	0.13	----		97 UNCH
JUN19			----	----	----	-12.96	+	0.14	----		97 UNCH
JUL19			----	----	----	-12.96	+	0.15	----		97 UNCH
AUG19			----	----	----	-12.95	+	0.16	----		97 UNCH
SEP19			----	----	----	-12.94	+	0.18	----		97 UNCH
OCT19			----	----	----	-12.91	+	0.19	----		97 UNCH
NOV19			----	----	----	-12.93	+	0.20	----		97 UNCH
DEC19			----	----	----	-12.96	+	0.21	----		97 UNCH
JAN20			----	----	----	-12.96	+	0.16	----		25 UNCH
FEB20			----	----	----	-12.96	+	0.13	----		25 UNCH
MAR20			----	----	----	-12.97	+	0.09	----		25 UNCH
APR20			----	----	----	-12.97	+	0.04	----		25 UNCH
MAY20			----	----	----	-12.94	+	0.01	----		25 UNCH
JUN20			----	----	----	-12.91	-	0.04	----		25 UNCH
JUL20			----	----	----	-12.93	-	0.03	----		25 UNCH
AUG20			----	----	----	-12.97	-	0.01	----		25 UNCH
SEP20			----	----	----	-13.00	+	0.00	----		25 UNCH
OCT20			----	----	----	-13.04	+	0.01	----		25 UNCH
NOV20			----	----	----	-13.07	+	0.02	----		25 UNCH
DEC20			----	----	----	-13.10	+	0.02	----		25 UNCH
TOTAL	FO FUT								156	18781 -	1394
FI	FUT	FUEL	OIL	NWE	CRACK	VS ICE					
JUL16			----	----		-9.50		UNCH	----	0 -	19
AUG16			----	----		-10.08	-	0.38	----	19	UNCH
SEP16			----	----		-10.83	-	0.30	----	19	UNCH
OCT16			----	----		-11.23	-	0.27	----	19	UNCH
NOV16			----	----		-11.42	-	0.23	----	19	UNCH
DEC16			----	----		-11.68	-	0.25	----	19	UNCH
TOTAL	FI FUT									95 -	19
GCI	FUT	G. COAST #6 FUEL OIL 3.0% VS BRENT									
JUL16			----	----		-12.758		UNCH	----	0 -	407
AUG16			----	----		-12.617	-	0.444	----	1143	UNCH
SEP16			----	----		-12.880	-	0.299	----	603	UNCH
OCT16			----	----		-13.377	-	0.268	----	113	UNCH
NOV16			----	----		-13.636	-	0.219	----	113	UNCH
DEC16			----	----		-13.818	-	0.187	----	215	UNCH
JAN17			----	----		-13.445	-	0.159	----	25	UNCH
FEB17			----	----		-13.555	-	0.169	----	25	UNCH
MAR17			----	----		-13.640	-	0.149	----	25	UNCH
APR17			----	----		-13.694	-	0.129	----	5	UNCH
MAY17			----	----		-13.749	-	0.108	----	5	UNCH
JUN17			----	----		-13.779	-	0.079	----	5	UNCH
JUL17			----	----		-13.779	-	0.049	----	5	UNCH
AUG17			----	----		-13.767	-	0.029	----	5	UNCH
SEP17			----	----		-13.736	-	0.008	----	5	UNCH
OCT17			----	----		-13.677	+	0.021	----	230	UNCH
NOV17			----	----		-13.673	+	0.041	----	230	UNCH
DEC17			----	----		-13.692	+	0.062	----	230	UNCH
JAN18			----	----		-13.598	+	0.081	----	35	UNCH
FEB18			----	----		-13.555	+	0.076	----	35	UNCH
MAR18			----	----		-13.527	+	0.071	----	35	UNCH
APR18			----	----		-13.488	+	0.065	----	35	UNCH
MAY18			----	----		-13.454	+	0.051	----	35	UNCH
JUN18			----	----		-13.364	+	0.061	----	35	UNCH
JUL18			----	----		-13.252	+	0.071	----	35	UNCH

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ENERGY FUTURES PRODUCTS

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GLOBEX OPEN				GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST				
GCI FUT		G. COAST #6 FUEL OIL 3.0% VS BRENT													
AUG18		----		----		-13.137	+	0.090	----	----		35	UNCH		
SEP18		----		----		-13.012	+	0.111	----	----		35	UNCH		
OCT18		----		----		-12.894	+	0.131	----	----		35	UNCH		
NOV18		----		----		-12.854	+	0.141	----	----		35	UNCH		
DEC18		----		----		-12.815	+	0.162	----	----		35	UNCH		
TOTAL GCI FUT												3402	- 407		
GFC FUT		G.C. NO.6 FUEL PLATTS CRK BALMO													
14JUL16		----		----		-10.506		UNCH	----	----		0	- 104		
03AUG16		----		----		-10.605		NEW	----	25		25	+ 25		
TOTAL GFC FUT										25		25	- 79		
7R FUT		GAS EUROBOB (ARGUS) BALMO													
04JUL16		----		----		439.200		UNCH	----	----		0	- 10		
05JUL16		----		----		436.987		UNCH	----	----		0	- 4		
06JUL16		----		----		435.444		UNCH	----	----		0	- 258		
07JUL16		----		----		434.721		UNCH	----	----		0	- 41		
08JUL16		----		----		434.031		UNCH	----	----		0	- 15		
12JUL16		----		----		434.554		UNCH	----	----		0	- 12		
13JUL16		----		----		434.365		UNCH	----	----		0	- 20		
14JUL16		----		----		433.792		UNCH	----	----		0	- 23		
15JUL16		----		----		433.091		UNCH	----	----		0	- 13		
25JUL16		----		----		422.650		UNCH	----	----		0	- 5		
02AUG16		----		----		430.489	+	10.577	----	----		60	UNCH		
03AUG16		----		----		431.101		NEW	----	15		15	+ 15		
04AUG16		----		----		431.882		NEW	----	20		20	+ 20		
TOTAL 7R FUT										35		95	- 366		
7I FUT		GAS EUROBOB (ARGUS) CRK BALMO													
02AUG16		----		----		8.621	+	0.031	----	----		17	UNCH		
TOTAL 7I FUT												17			
7K FUT		GAS EURO-BOB OXY (ARG) CRACK													
JUL16		----		----		6.368		UNCH	----	----		0	- 5485		
AUG16		----		----		8.596	+	0.027	----	----		4444	UNCH		
SEP16		----		----		8.278	+	0.380	----	635		4037	+ 195		
OCT16		----		----		5.204	+	0.336	----	150		1924	+ 22		
NOV16		----		----		4.594	+	0.274	----	150		1893	+ 8		
DEC16		----		----		4.089	+	0.247	----	200		1963	+ 61		
JAN17		----		----		4.409	+	0.271	----	----		765	UNCH		
FEB17		----		----		4.761	+	0.288	----	----		765	UNCH		
MAR17		----		----		5.179	+	0.324	----	----		765	UNCH		
APR17		----		----		9.663	+	0.262	----	----		404	UNCH		
MAY17		----		----		9.761	+	0.206	----	----		354	UNCH		
JUN17		----		----		9.562	+	0.245	----	----		354	UNCH		
JUL17		----		----		9.214	+	0.240	----	----		497	UNCH		
AUG17		----		----		8.637	+	0.159	----	----		497	UNCH		
SEP17		----		----		8.129	+	0.280	----	----		497	UNCH		
OCT17		----		----		4.989	+	0.279	----	----		521	UNCH		
NOV17		----		----		4.216	+	0.322	----	----		521	UNCH		
DEC17		----		----		3.660	+	0.338	----	----		521	UNCH		
JAN18		----		----		3.903	+	0.119	----	----		35	UNCH		
FEB18		----		----		4.411	+	0.161	----	----		35	UNCH		
MAR18		----		----		4.850	+	0.096	----	----		35	UNCH		
APR18		----		----		9.858	-	0.151	----	----		35	UNCH		
MAY18		----		----		9.844	-	0.329	----	----		35	UNCH		
JUN18		----		----		9.193	-	0.907	----	----		35	UNCH		
JUL18		----		----		12.343	+	0.369	----	----		35	UNCH		
AUG18		----		----		11.301	+	0.367	----	----		35	UNCH		
SEP18		----		----		5.712	+	0.367	----	----		35	UNCH		
OCT18		----		----		4.551	+	0.366	----	----		35	UNCH		
NOV18		----		----		3.732	+	0.355	----	----		35	UNCH		
DEC18		----		----		3.840	+	0.375	----	----		35	UNCH		
TOTAL 7K FUT										1135		21142	- 5199		
7H FUT		GAS EURO-BOB OXY (ARG) NEW BRG													
JUL16		----		----		441.107		UNCH	----	----		0	- 1386		
AUG16		----		----		429.944	+	10.096	----	----		1233	UNCH		
SEP16		----		----		431.354	+	13.569	----	53		1400	- 38		
OCT16		----		----		410.303	+	12.946	----	18		416	- 8		
NOV16		----		----		409.044	+	12.022	----	----		184	UNCH		
DEC16		----		----		408.849	+	11.527	----	10		654	UNCH		
JAN17		----		----		415.072	+	11.491	----	----		75	UNCH		
FEB17		----		----		421.419	+	11.300	----	----		29	UNCH		
MAR17		----		----		428.108	+	11.435	----	----		68	UNCH		
APR17		----		----		468.412	+	10.755	----	----		371	UNCH		
MAY17		----		----		472.182	+	10.106	----	----		124	UNCH		
JUN17		----		----		473.278	+	10.197	----	----		119	UNCH		

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		GLOBAL EX OPEN	GLOBAL EX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL EX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
7H FUT	GAS EURO-BOB OXY (ARG) NEW BRG								
JUL17	----	----	472.876	+	9.905	----	----	50	UNCH
AUG17	----	----	470.471	+	9.060	----	----	52	UNCH
SEP17	----	----	468.483	+	9.901	----	----	91	UNCH
OCT17	----	----	444.331	+	9.644	----	----	35	UNCH
NOV17	----	----	440.148	+	9.833	----	----	25	UNCH
DEC17	----	----	437.967	+	9.794	----	----	87	UNCH
APR18	----	----	498.725	+	5.073	----	----	30	UNCH
TOTAL 7H FUT							81	5043	- 1432
GOC FUT	GASOIL (ICE) CRACK SPREAD								
JUL16	----	----	7.872		UNCH	----	----	0	- 10
AUG16	----	----	6.248	-	0.463	----	----	10	UNCH
SEP16	----	----	6.812	-	0.523	----	----	10	UNCH
OCT16	----	----	6.988	-	0.536	----	----	8	UNCH
NOV16	----	----	7.120	-	0.497	----	----	8	UNCH
DEC16	----	----	7.266	-	0.466	----	----	8	UNCH
JAN17	----	----	7.488	-	0.460	----	----	8	UNCH
FEB17	----	----	7.662	-	0.409	----	----	8	UNCH
MAR17	----	----	7.803	-	0.378	----	----	8	UNCH
APR17	----	----	7.868	-	0.379	----	----	4	UNCH
MAY17	----	----	7.980	-	0.370	----	----	4	UNCH
JUN17	----	----	8.225	-	0.341	----	----	4	UNCH
JUL17	----	----	8.475	-	0.289	----	----	4	UNCH
AUG17	----	----	8.693	-	0.258	----	----	4	UNCH
SEP17	----	----	8.880	-	0.215	----	----	4	UNCH
OCT17	----	----	8.924	-	0.195	----	----	4	UNCH
NOV17	----	----	8.840	-	0.211	----	----	4	UNCH
DEC17	----	----	8.883	-	0.201	----	----	4	UNCH
TOTAL GOC FUT								104	- 10
Z4 FUT	GASOIL 0.1 CIF MED								
SEP16	----	----	370.239	+	6.076	----	----	15	UNCH
TOTAL Z4 FUT								15	
WQ FUT	GASOIL 0.1 RDAM BRGS VS ICE								
AUG16	----	----	-6.321	+	0.743	----	----	11	UNCH
SEP16	----	----	-7.625	+	0.584	----	----	6	UNCH
OCT16	----	----	-8.208	+	0.417	----	----	2	UNCH
NOV16	----	----	-8.250	+	0.750	----	----	2	UNCH
DEC16	----	----	-8.250	+	0.333	----	----	2	UNCH
JAN17	----	----	-9.459	+	0.041	----	----	5	UNCH
FEB17	----	----	-9.459	+	0.041	----	----	5	UNCH
MAR17	----	----	-9.459	+	0.041	----	----	5	UNCH
APR17	----	----	-9.417	+	0.250	----	----	5	UNCH
MAY17	----	----	-9.417	+	0.250	----	----	5	UNCH
JUN17	----	----	-9.416	+	0.250	----	----	5	UNCH
TOTAL WQ FUT								53	
Z5 FUT	GASOIL 0.1CIF MED VS ICE GAS								
AUG16	----	----	-4.276	+	0.194	----	----	15	UNCH
SEP16	----	----	-4.625	+	0.667	----	----	10	UNCH
OCT16	----	----	-5.167	+	0.625	----	----	10	UNCH
DEC16	----	----	-5.416	+	0.052	----	----	15	UNCH
TOTAL Z5 FUT								50	
TP FUT	GASOIL 10PPM VS ICE								
AUG16	----	----	3.613	+	0.632	----	----	66	UNCH
SEP16	----	----	3.083	+	0.146	----	----	66	UNCH
OCT16	----	----	3.750	-	0.083	----	----	22	UNCH
NOV16	----	----	3.500		UNCH	----	----	16	UNCH
DEC16	----	----	3.625	+	0.083	----	----	15	UNCH
JAN17	----	----	3.750		UNCH	----	5	35	+
FEB17	----	----	3.750		UNCH	----	5	35	+
MAR17	----	----	3.750		UNCH	----	5	35	+
APR17	----	----	4.000		UNCH	----	5	25	+
MAY17	----	----	4.000		UNCH	----	5	25	+
JUN17	----	----	4.000		UNCH	----	5	25	+
JUL17	----	----	4.000	+	0.187	----	5	25	+
AUG17	----	----	4.000	+	0.188	----	5	25	+
SEP17	----	----	4.000	+	0.188	----	5	25	+
OCT17	----	----	4.437	+	0.125	----	5	25	+
NOV17	----	----	4.438	+	0.126	----	5	25	+
DEC17	----	----	4.437	+	0.125	----	5	25	+
JAN18	----	----	5.969	+	0.011	----	----	1	UNCH
FEB18	----	----	5.969	+	0.011	----	----	1	UNCH
MAR18	----	----	5.968	+	0.010	----	----	1	UNCH
APR18	----	----	5.968	+	0.010	----	----	1	UNCH
MAY18	----	----	5.969	+	0.010	----	----	1	UNCH

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BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
TP FUT	GASOIL 10PPM VS ICE										
JUN18		----	----	5.969	+	0.011	----	----	1	UNCH	
JUL18		----	----	5.969	+	0.011	----	----	1	UNCH	
AUG18		----	----	5.969	+	0.010	----	----	1	UNCH	
SEP18		----	----	5.968	+	0.010	----	----	1	UNCH	
OCT18		----	----	5.969	+	0.010	----	----	1	UNCH	
NOV18		----	----	5.969	+	0.010	----	----	1	UNCH	
DEC18		----	----	5.968	+	0.010	----	----	1	UNCH	
TOTAL	TP FUT							60	527	+	60
GX FUT	GASOIL CALENDAR										
AUG16		----	----	367.03	+	5.38	----	----	38	UNCH	
SEP16		----	----	374.86	+	5.41	----	----	27	UNCH	
OCT16		----	----	380.25	+	5.08	----	----	27	UNCH	
NOV16		----	----	384.65	+	5.00	----	----	17	UNCH	
DEC16		----	----	389.33	+	5.00	----	----	32	UNCH	
APR17		----	----	405.55	+	4.84	----	----	5	UNCH	
MAY17		----	----	409.03	+	4.75	----	----	5	UNCH	
JUN17		----	----	413.32	+	4.75	----	----	5	UNCH	
OCT17		----	----	426.71	+	5.09	----	----	5	UNCH	
NOV17		----	----	428.10	+	4.83	----	----	5	UNCH	
DEC17		----	----	430.61	+	4.75	----	----	5	UNCH	
TOTAL	GX FUT									171	
GZ FUT	GASOIL CRACK SPREAD CALENDAR										
JUL16		----	----	7.87		UNCH	----	----	0	-	1704
AUG16		----	----	6.25	-	0.46	----	----	1543		UNCH
SEP16		----	7.72B/7.31A	6.81	-	0.52	----	----	1432		UNCH
OCT16		----	7.82B/7.51A	6.99	-	0.54	----	----	941		UNCH
NOV16		----	7.90B	7.12	-	0.50	----	----	941		UNCH
DEC16		----	----	7.27	-	0.47	----	----	941		UNCH
JAN17		----	----	7.49	-	0.46	----	50	645	-	5
FEB17		----	----	7.66	-	0.41	----	50	645	-	5
MAR17		----	----	7.80	-	0.38	----	50	645	-	5
APR17		----	----	7.87	-	0.38	----	----	773		UNCH
MAY17		----	----	7.98	-	0.37	----	----	773		UNCH
JUN17		----	----	8.23	-	0.34	----	----	773		UNCH
JUL17		----	----	8.48	-	0.29	----	----	430		UNCH
AUG17		----	----	8.69	-	0.26	----	----	430		UNCH
SEP17		----	----	8.88	-	0.22	----	----	430		UNCH
OCT17		----	----	8.92	-	0.20	----	----	648		UNCH
NOV17		----	----	8.84	-	0.21	----	----	648		UNCH
DEC17		----	----	8.88	-	0.20	----	----	648		UNCH
JAN18		----	----	9.06	-	0.20	----	50	79	+	30
FEB18		----	----	9.16	-	0.20	----	50	79	+	30
MAR18		----	----	9.23	-	0.18	----	50	79	+	30
APR18		----	----	9.29	-	0.14	----	----	24		UNCH
MAY18		----	----	9.31	-	0.11	----	----	24		UNCH
JUN18		----	----	9.44	-	0.10	----	----	24		UNCH
JUL18		----	----	9.63	-	0.09	----	----	24		UNCH
AUG18		----	----	9.81	-	0.07	----	----	24		UNCH
SEP18		----	----	9.95	-	0.05	----	----	24		UNCH
OCT18		----	----	10.07	-	0.03	----	----	24		UNCH
NOV18		----	----	10.11	-	0.02	----	----	24		UNCH
DEC18		----	----	10.17	-	0.00	----	----	24		UNCH
TOTAL	GZ FUT							300	13739	-	1629
QA FUT	GASOIL MINI CALENDAR										
AUG16		----	----	367.033	+	5.381	----	----	134		UNCH
SEP16		----	----	374.864	+	5.409	----	----	65		UNCH
OCT16		----	----	380.250	+	5.083	----	----	85		UNCH
NOV16		----	----	384.648	+	5.000	----	----	85		UNCH
DEC16		----	----	389.333	+	5.000	----	----	85		UNCH
JAN17		----	----	394.167	+	4.834	----	----	30		UNCH
FEB17		----	----	398.513	+	4.913	----	----	30		UNCH
MAR17		----	----	402.435	+	5.000	----	----	30		UNCH
TOTAL	QA FUT									544	
A6 FUT	GRP THREE ULSD(PLT)VS HEAT OIL										
JUL16		----	----	0.0034		UNCH	----	----	0	-	910
AUG16		----	----	0.0187	+	0.0115	----	100	840		UNCH
SEP16		----	----	0.0115	+	0.0115	----	----	1050		UNCH
OCT16		----	----	0.0075	+	0.0125	----	125	1452	-	75
NOV16		----	----	-0.0200	+	0.0125	----	----	730		UNCH
DEC16		----	----	-0.0750	+	0.0050	----	----	334		UNCH
JAN17		----	----	-0.0650	+	0.0025	----	----	195		UNCH
FEB17		----	----	-0.0400	+	0.0025	----	----	195		UNCH
MAR17		----	----	-0.0325		UNCH	----	----	195		UNCH

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ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

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		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
A6 FUT	GRP THREE ULSD(PLT)VS HEAT OIL								
APR17		----	----	-0.0175	UNCH	----	----	120	UNCH
MAY17		----	----	-0.0175	UNCH	----	----	118	UNCH
JUN17		----	----	-0.0175	UNCH	----	----	118	UNCH
JUL17		----	----	-0.0150	UNCH	----	----	118	UNCH
AUG17		----	----	-0.0150	UNCH	----	----	118	UNCH
SEP17		----	----	-0.0150	UNCH	----	----	118	UNCH
OCT17		----	----	-0.0100	UNCH	----	----	118	UNCH
NOV17		----	----	-0.0350	UNCH	----	----	118	UNCH
DEC17		----	----	-0.0850	UNCH	----	----	118	UNCH
TOTAL	A6 FUT						225	6055	- 985
A8 FUT	GRP THREE UNL GS (PLT) VS RBOB								
JUL16		----	----	-0.0426	UNCH	----	----	0	- 547
AUG16		----	----	0.0355	+ 0.0009	----	----	581	UNCH
SEP16		----	----	0.0650	UNCH	----	----	430	UNCH
OCT16		----	----	0.0300	UNCH	----	----	115	UNCH
NOV16		----	----	-0.0850	UNCH	----	----	102	UNCH
DEC16		----	----	-0.1100	UNCH	----	----	512	UNCH
JAN17		----	----	-0.1250	+ 0.0050	----	----	115	UNCH
FEB17		----	----	-0.1000	+ 0.0050	----	----	105	UNCH
MAR17		----	----	-0.2150	UNCH	----	----	105	UNCH
APR17		----	----	-0.1500	UNCH	----	----	100	UNCH
MAY17		----	----	-0.1400	UNCH	----	----	100	UNCH
JUN17		----	----	-0.1250	UNCH	----	----	100	UNCH
JUL17		----	----	-0.1100	UNCH	----	----	100	UNCH
AUG17		----	----	-0.0650	UNCH	----	----	100	UNCH
SEP17		----	----	0.0050	UNCH	----	----	100	UNCH
OCT17		----	----	-0.0100	UNCH	----	----	100	UNCH
NOV17		----	----	-0.0800	UNCH	----	----	100	UNCH
DEC17		----	----	-0.1450	UNCH	----	----	100	UNCH
TOTAL	A8 FUT							2965	- 547
CRB FUT	GULF CBOB A2 PL VS RBOB SPR F								
JUL16		----	----	-0.0766	UNCH	----	----	0	- 19
AUG16		----	----	-0.0543	- 0.0033	----	----	279	UNCH
SEP16		----	----	-0.0125	- 0.0025	----	----	4	UNCH
OCT16		----	----	-0.0375	- 0.0025	----	----	83	UNCH
NOV16		----	----	-0.0950	+ 0.0025	----	----	48	UNCH
DEC16		----	----	-0.1050	UNCH	----	----	48	UNCH
JAN17		----	----	-0.0950	+ 0.0050	----	----	48	UNCH
FEB17		----	----	-0.0850	+ 0.0025	----	----	33	UNCH
MAR17		----	----	-0.1975	+ 0.0025	----	----	3	UNCH
APR17		----	----	-0.1800	UNCH	----	----	3	UNCH
MAY17		----	----	-0.1750	UNCH	----	----	3	UNCH
JUN17		----	----	-0.1650	UNCH	----	----	3	UNCH
JUL17		----	----	-0.1250	UNCH	----	----	3	UNCH
AUG17		----	----	-0.1400	UNCH	----	----	3	UNCH
SEP17		----	----	-0.0525	UNCH	----	----	3	UNCH
OCT17		----	----	-0.0700	UNCH	----	----	3	UNCH
NOV17		----	----	-0.1125	UNCH	----	----	3	UNCH
DEC17		----	----	-0.1300	UNCH	----	----	3	UNCH
TOTAL	CRB FUT							573	- 19
GCU FUT	GULF CO NO6 FUELOIL 3% V. EURO 3.5%								
JUL16		----	----	-1.348	UNCH	----	----	0	- 2735
AUG16		----	----	-1.436	- 0.042	----	----	3715	UNCH
SEP16		----	----	-0.694	+ 0.048	----	650	2945	+ 455
OCT16		----	----	-0.624	+ 0.029	----	25	1859	+ 6
NOV16		----	----	-0.582	+ 0.028	----	----	1738	UNCH
DEC16		----	----	-0.439	+ 0.068	----	----	1795	UNCH
JAN17		----	----	-0.151	+ 0.048	----	----	1183	UNCH
FEB17		----	----	-0.186	- 0.022	----	----	1183	UNCH
MAR17		----	----	-0.201	- 0.022	----	----	1183	UNCH
APR17		----	----	-0.216	- 0.022	----	----	825	UNCH
MAY17		----	----	-0.231	- 0.022	----	----	825	UNCH
JUN17		----	----	-0.226	- 0.002	----	----	825	UNCH
JUL17		----	----	-0.241	- 0.002	----	----	693	UNCH
AUG17		----	----	-0.216	- 0.001	----	----	693	UNCH
SEP17		----	----	-0.192	- 0.002	----	----	693	UNCH
OCT17		----	----	-0.128	+ 0.018	----	----	625	UNCH
NOV17		----	----	-0.070	+ 0.018	----	----	625	UNCH
DEC17		----	----	-0.011	+ 0.018	----	----	625	UNCH
JAN18		----	----	-0.114	+ 0.018	----	----	185	UNCH
FEB18		----	----	-0.084	+ 0.033	----	----	185	UNCH
MAR18		----	----	-0.055	+ 0.027	----	----	185	UNCH
APR18		----	----	-0.050	+ 0.022	----	----	165	UNCH
MAY18		----	----	-0.006	+ 0.016	----	----	165	UNCH

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		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST		
GCU FUT		GULF CO NO6 FUELOIL 3% V. EURO 3.5%												
JUN18		----	----			0.058	+	0.036	----	----			165	UNCH
JUL18		----	----			0.122	+	0.056	----	----			165	UNCH
AUG18		----	----			0.161	+	0.056	----	----			165	UNCH
SEP18		----	----			0.239	+	0.076	----	----			165	UNCH
OCT18		----	----			0.292	+	0.076	----	----			165	UNCH
NOV18		----	----			0.365	+	0.076	----	----			165	UNCH
DEC18		----	----			0.438	+	0.076	----	----			165	UNCH
TOTAL GCU FUT										675		24070 - 2274		
VZ FUT		GULF COAST 3% FUEL OIL BALMO												
05JUL16		----	----			33.701		UNCH	----	----			0 -	143
07JUL16		----	----			33.569		UNCH	----	----			0 -	25
11JUL16		----	----			33.532		UNCH	----	----			0 -	74
02AUG16		----	----			30.424	+	0.774	----	----			60	UNCH
03AUG16		----	----			30.475		NEW	----	50			50 +	50
TOTAL VZ FUT										50		110 - 192		
GE FUT		GULF COAST JET FUEL CLNDR												
JUL16		----	----			1.2573		UNCH	----	----			0 -	145
AUG16		----	----			1.1585	+	0.0395	----	----			115	UNCH
SEP16		----	----			1.1827	+	0.0452	----	----			70	UNCH
OCT16		----	----			1.1942	+	0.0437	----	----			39	UNCH
NOV16		----	----			1.2082	+	0.0441	----	----			39	UNCH
DEC16		----	----			1.2226	+	0.0436	----	----			39	UNCH
JAN17		----	----			1.2379	+	0.0354	----	----			74	UNCH
FEB17		----	----			1.2488	+	0.0346	----	----			74	UNCH
MAR17		----	----			1.2536	+	0.0341	----	----			74	UNCH
APR17		----	----			1.2712	+	0.0282	----	----			46	UNCH
MAY17		----	----			1.2792	+	0.0274	----	----			46	UNCH
JUN17		----	----			1.2895	+	0.0267	----	----			46	UNCH
JUL17		----	----			1.3060	+	0.0262	----	----			8	UNCH
AUG17		----	----			1.3186	+	0.0256	----	----			8	UNCH
SEP17		----	----			1.3310	+	0.0249	----	----			8	UNCH
OCT17		----	----			1.3378	+	0.0243	----	----			8	UNCH
NOV17		----	----			1.3384	+	0.0212	----	----			8	UNCH
DEC17		----	----			1.3394	+	0.0206	----	----			8	UNCH
JAN18		----	----			1.3471	+	0.0281	----	----			55	UNCH
FEB18		----	----			1.3516	+	0.0281	----	----			55	UNCH
MAR18		----	----			1.3524	+	0.0284	----	----			55	UNCH
APR18		----	----			1.3694	+	0.0239	----	----			55	UNCH
MAY18		----	----			1.3759	+	0.0242	----	----			55	UNCH
JUN18		----	----			1.3869	+	0.0242	----	----			55	UNCH
TOTAL GE FUT												1040 - 145		
ME FUT		GULF COAST JET VS NYM 2 HO SPRD												
JUL16		----	----			-0.1277		UNCH	----	----			0 -	5926
AUG16		----	----			-0.1265	+	0.0135	----	----			5701	UNCH
SEP16		----	----			-0.1275	+	0.0175	----	465			5081 -	140
OCT16		----	----			-0.1375	+	0.0150	----	465			3296 -	290
NOV16		----	----			-0.1425	+	0.0150	----	465			3302 -	150
DEC16		----	----			-0.1475	+	0.0150	----	465			3733 -	150
JAN17		----	----			-0.1450	+	0.0075	----	80			1237 +	25
FEB17		----	----			-0.1400	+	0.0075	----	80			1237 +	25
MAR17		----	----			-0.1350	+	0.0075	----	80			1237 +	25
APR17		----	----			-0.1225	+	0.0025	----	----			955	UNCH
MAY17		----	----			-0.1225	+	0.0025	----	----			955	UNCH
JUN17		----	----			-0.1225	+	0.0025	----	----			955	UNCH
JUL17		----	----			-0.1175	+	0.0025	----	----			1002	UNCH
AUG17		----	----			-0.1175	+	0.0025	----	----			1002	UNCH
SEP17		----	----			-0.1175	+	0.0025	----	----			1002	UNCH
OCT17		----	----			-0.1225	+	0.0025	----	15			947 +	15
NOV17		----	----			-0.1325		UNCH	----	15			947 +	15
DEC17		----	----			-0.1425		UNCH	----	15			947 +	15
JAN18		----	----			-0.1400	+	0.0075	----	----			169	UNCH
FEB18		----	----			-0.1350	+	0.0075	----	----			169	UNCH
MAR18		----	----			-0.1300	+	0.0075	----	----			169	UNCH
APR18		----	----			-0.1175	+	0.0025	----	----			169	UNCH
MAY18		----	----			-0.1175	+	0.0025	----	----			169	UNCH
JUN18		----	----			-0.1175	+	0.0025	----	----			169	UNCH
JUL18		----	----			-0.1125	+	0.0025	----	----			159	UNCH
AUG18		----	----			-0.1125	+	0.0025	----	----			159	UNCH
SEP18		----	----			-0.1125	+	0.0025	----	----			159	UNCH
OCT18		----	----			-0.1175	+	0.0025	----	----			159	UNCH
NOV18		----	----			-0.1275		UNCH	----	----			159	UNCH
DEC18		----	----			-0.1375		UNCH	----	----			159	UNCH
TOTAL ME FUT										2145		35504 - 6536		

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ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

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		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
MF FUT		GULF	COAST	NO.6	FUEL OIL	3.0%S					
JUL16			----			----	33.83	UNCH	----	0	- 4919
AUG16			----			----	30.40	+	0.74	9224	UNCH
SEP16			----			----	30.63	+	0.95	7640	- 37
OCT16			----			----	30.68	+	0.95	6290	+ 150
NOV16			----			----	30.88	+	0.95	3574	UNCH
DEC16			----			----	31.18	+	0.95	6064	+ 100
JAN17			----			----	31.98	+	0.95	5802	- 190
FEB17			----			----	32.28	+	0.90	1235	+ 100
MAR17			----			----	32.58	+	0.90	1490	+ 100
APR17			----			----	32.88	+	0.90	1025	UNCH
MAY17			----			----	33.18	+	0.90	1100	UNCH
JUN17			----			----	33.48	+	0.90	1706	UNCH
JUL17			----			----	33.78	+	0.90	741	+ 200
AUG17			----			----	34.08	+	0.90	741	+ 200
SEP17			----			----	34.38	+	0.90	741	+ 200
OCT17			----			----	34.68	+	0.90	250	UNCH
NOV17			----			----	34.95	+	0.90	250	UNCH
DEC17			----			----	35.23	+	0.90	1229	UNCH
JAN18			----			----	35.58	+	0.90	168	UNCH
FEB18			----			----	35.90	+	0.87	168	UNCH
MAR18			----			----	36.23	+	0.85	168	UNCH
APR18			----			----	36.53	+	0.83	168	UNCH
MAY18			----			----	36.83	+	0.80	168	UNCH
JUN18			----			----	37.13	+	0.80	168	UNCH
JUL18			----			----	37.43	+	0.80	168	UNCH
AUG18			----			----	37.70	+	0.80	168	UNCH
SEP18			----			----	37.98	+	0.80	168	UNCH
OCT18			----			----	38.23	+	0.80	348	UNCH
NOV18			----			----	38.48	+	0.80	348	UNCH
DEC18			----			----	38.73	+	0.80	348	UNCH
JAN19			----			----	39.03	+	0.78	15	UNCH
FEB19			----			----	39.25	+	0.75	15	UNCH
MAR19			----			----	39.48	+	0.75	15	UNCH
APR19			----			----	39.70	+	0.75	15	UNCH
MAY19			----			----	39.93	+	0.75	15	UNCH
JUN19			----			----	40.15	+	0.75	15	UNCH
JUL19			----			----	40.35	+	0.75	15	UNCH
AUG19			----			----	40.53	+	0.75	15	UNCH
SEP19			----			----	40.70	+	0.75	15	UNCH
OCT19			----			----	40.88	+	0.75	15	UNCH
NOV19			----			----	41.03	+	0.75	15	UNCH
DEC19			----			----	41.18	+	0.75	15	UNCH
JAN20			----			----	40.53	+	0.75	5	UNCH
FEB20			----			----	40.53	+	0.75	5	UNCH
MAR20			----			----	40.53	+	0.75	5	UNCH
APR20			----			----	40.53	+	0.75	5	UNCH
MAY20			----			----	40.53	+	0.75	5	UNCH
JUN20			----			----	40.53	+	0.75	5	UNCH
TOTAL	MF FUT								2398	51868	- 4096
MG FUT		GULF	COAST	NO.6	FUEL OIL	CRACK					
JUL16			----			----	-10.97	UNCH	----	0	- 905
AUG16			----			----	-10.57	-	0.46	827	UNCH
SEP16			----			----	-11.24	-	0.31	776	UNCH
OCT16			----			----	-11.92	-	0.26	609	UNCH
NOV16			----			----	-12.42	-	0.23	609	UNCH
DEC16			----			----	-12.77	-	0.18	609	UNCH
JAN17			----			----	-12.50	-	0.14	235	UNCH
FEB17			----			----	-12.62	-	0.17	235	UNCH
MAR17			----			----	-12.73	-	0.13	235	UNCH
APR17			----			----	-12.75	-	0.11	235	UNCH
MAY17			----			----	-12.73	-	0.09	235	UNCH
JUN17			----			----	-12.72	-	0.07	235	UNCH
JUL17			----			----	-12.67	-	0.06	235	UNCH
AUG17			----			----	-12.62	-	0.05	235	UNCH
SEP17			----			----	-12.59	-	0.03	235	UNCH
OCT17			----			----	-12.55	-	0.02	235	UNCH
NOV17			----			----	-12.53	-	0.01	235	UNCH
DEC17			----			----	-12.45	UNCH	----	235	UNCH
TOTAL	MG FUT									6250	- 905
LY FUT		GULF	COAST	ULSD CALENDAR							
JUL16			----			----	1.3347	UNCH	----	0	- 542
AUG16			----			----	1.2350	+	0.0299	641	UNCH
SEP16			----			----	1.2562	+	0.0297	423	UNCH
OCT16			----			----	1.2702	+	0.0307	420	UNCH

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		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
LY FUT		GULF	COAST	ULSD	CALENDAR						
NOV16			----		----	1.2757	+ 0.0316	----	----	360	UNCH
DEC16			----		----	1.2786	+ 0.0321	----	----	359	UNCH
JAN17			----		----	1.3054	+ 0.0304	----	----	211	UNCH
FEB17			----		----	1.3288	+ 0.0271	----	----	176	UNCH
MAR17			----		----	1.3411	+ 0.0266	----	----	176	UNCH
APR17			----		----	1.3487	+ 0.0282	----	----	120	UNCH
MAY17			----		----	1.3557	+ 0.0274	----	----	120	UNCH
JUN17			----		----	1.3650	+ 0.0262	----	----	120	UNCH
JUL17			----		----	1.3775	+ 0.0262	----	----	127	UNCH
AUG17			----		----	1.3901	+ 0.0256	----	----	127	UNCH
SEP17			----		----	1.4025	+ 0.0249	----	----	127	UNCH
OCT17			----		----	1.4053	+ 0.0218	----	----	127	UNCH
NOV17			----		----	1.3984	+ 0.0212	----	----	124	UNCH
DEC17			----		----	1.3944	+ 0.0206	----	----	124	UNCH
JAN18			----		----	1.4096	+ 0.0231	----	----	2	UNCH
FEB18			----		----	1.4266	+ 0.0206	----	----	2	UNCH
MAR18			----		----	1.4349	+ 0.0209	----	----	2	UNCH
APR18			----		----	1.4419	+ 0.0239	----	----	2	UNCH
MAY18			----		----	1.4474	+ 0.0242	----	----	2	UNCH
JUN18			----		----	1.4574	+ 0.0237	----	----	2	UNCH
JUL18			----		----	1.4709	+ 0.0242	----	----	2	UNCH
AUG18			----		----	1.4849	+ 0.0242	----	----	2	UNCH
SEP18			----		----	1.4974	+ 0.0237	----	----	2	UNCH
OCT18			----		----	1.4974	+ 0.0207	----	----	2	UNCH
TOTAL	LY FUT									3902	- 542
GY FUT		GULF	COAST	ULSD	CRACK	SPREAD					
JUL16			----		----	11.26	UNCH	----	----	0	- 572
AUG16			----		----	10.90	+ 0.06	----	----	1055	UNCH
SEP16			----		----	10.89	- 0.01	----	----	572	UNCH
OCT16			----		----	10.75	+ 0.08	----	----	522	UNCH
NOV16			----		----	10.28	+ 0.15	----	----	522	UNCH
DEC16			----		----	9.75	+ 0.22	----	----	522	UNCH
JAN17			----		----	10.35	+ 0.19	----	----	225	UNCH
FEB17			----		----	10.91	+ 0.07	----	----	225	UNCH
MAR17			----		----	11.02	+ 0.09	----	----	225	UNCH
APR17			----		----	11.02	+ 0.18	----	----	150	UNCH
MAY17			----		----	11.03	+ 0.16	----	----	150	UNCH
JUN17			----		----	11.13	+ 0.13	----	----	358	UNCH
JUL17			----		----	11.41	+ 0.15	----	----	150	UNCH
AUG17			----		----	11.68	+ 0.12	----	----	150	UNCH
SEP17			----		----	11.94	+ 0.12	----	----	150	UNCH
OCT17			----		----	11.79	- 0.01	----	----	150	UNCH
NOV17			----		----	11.25	- 0.02	----	----	150	UNCH
DEC17			----		----	10.88	- 0.04	----	----	150	UNCH
TOTAL	GY FUT									5426	- 572
GCB FUT		GULF	CST	N06	FO 3% V	EURO 3.5	BALMO				
02AUG16			----		----	-1.399	- 0.046	----	----	25	UNCH
TOTAL	GCB FUT									25	
GBB FUT		GULF	CST	UNL 87	GAS M2	V. RBOB	BLMO				
08JUL16			----		----	-0.0236	UNCH	----	----	0	- 30
01AUG16			----		----	-0.0206	NEW	----	25	25	+
02AUG16			----		----	-0.0216	- 0.0041	----	----	125	UNCH
03AUG16			----		----	-0.0225	NEW	----	150	150	+
TOTAL	GBB FUT								175	300	+
GCM FUT		GULF	UNL87	GAS M2	PLATTS	F					
JUL16			----		----	1.3517	UNCH	----	----	0	- 17
OCT16			----		----	1.2352	+ 0.0352	----	----	21	UNCH
TOTAL	GCM FUT									21	- 17
GCC FUT		GULF	UNL87	M2 PL	CRACK	SPRD	F				
AUG16			----		----	14.708	+ 0.113	----	----	75	UNCH
DEC16			----		----	4.956	+ 0.363	----	----	150	UNCH
TOTAL	GCC FUT									225	
RVG FUT		GULF	UNL87	M2 PL	VS RBOB	SPR	F				
JUL16			----		----	-0.0287	UNCH	----	----	0	- 1780
AUG16			----		----	-0.0206	- 0.0038	----	----	3015	UNCH
SEP16			----		----	0.0250	- 0.0025	----	----	5942	UNCH
OCT16			----		----	-0.0025	- 0.0025	----	----	2090	UNCH
NOV16			----		----	-0.0575	+ 0.0025	----	----	1190	UNCH
DEC16			----		----	-0.0700	UNCH	----	120	2550	+
TOTAL	RVG FUT								120	14787	- 1750
1G FUT		HEATING OIL	BALMO	CLNDR							
02AUG16			----		----	1.2862	+ 0.0272	----	----	15	UNCH
TOTAL	1G FUT									15	

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		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
HOB FUT	HEATING OIL VS. BRENT CRACK SPREAD									
AUG16		----	----	10.952	-	0.093	----	----	811	UNCH
SEP16		----	12.200B/11.530A	11.523	-	0.086	----	----	911	UNCH
OCT16		----	12.480B/11.890A	11.879	-	0.013	----	----	558	UNCH
NOV16		----	12.570B	12.218	+	0.053	----	----	558	UNCH
DEC16		----	----	12.551	+	0.064	----	----	817	UNCH
JAN17		----	----	12.662	+	0.063	----	----	770	UNCH
FEB17		----	----	12.500	+	0.070	----	----	770	UNCH
MAR17		----	----	12.106	+	0.068	----	----	770	UNCH
APR17		----	----	11.966	+	0.050	----	----	800	UNCH
MAY17		----	----	11.947	+	0.037	----	----	800	UNCH
JUN17		----	----	12.050	+	0.037	----	----	800	UNCH
JUL17		----	----	12.233	+	0.046	----	----	773	UNCH
AUG17		----	----	12.474	+	0.041	----	----	773	UNCH
SEP17		----	----	12.726	+	0.033	----	----	773	UNCH
OCT17		----	----	12.981	+	0.037	----	----	763	UNCH
NOV17		----	----	13.155	+	0.032	----	----	763	UNCH
DEC17		----	----	13.323	+	0.027	----	----	763	UNCH
JAN18		----	----	13.285	+	0.046	----	----	95	UNCH
FEB18		----	----	12.982	+	0.066	----	----	95	UNCH
MAR18		----	----	12.509	+	0.099	----	----	95	UNCH
APR18		----	----	12.437	+	0.139	----	----	95	UNCH
MAY18		----	----	12.444	+	0.163	----	----	95	UNCH
JUN18		----	----	12.696	+	0.173	----	----	95	UNCH
JUL18		----	----	13.033	+	0.183	----	----	95	UNCH
AUG18		----	----	13.461	+	0.202	----	----	95	UNCH
SEP18		----	----	13.836	+	0.202	----	----	95	UNCH
OCT18		----	----	14.187	+	0.201	----	----	95	UNCH
NOV18		----	----	14.418	+	0.211	----	----	95	UNCH
DEC18		----	----	14.543	+	0.232	----	----	95	UNCH
TOTAL	HOB FUT								14113	
JA FUT	JAPAN C&F NAPHTHA									
JUL16		----	----	390.76		UNCH	----	----	0	- 507
AUG16		----	----	359.57	+	11.38	----	----	383	UNCH
SEP16		----	----	367.43	+	13.68	----	5	420	- 5
OCT16		----	----	372.71	+	13.01	----	----	171	UNCH
NOV16		----	----	376.80	+	12.48	----	----	154	UNCH
DEC16		----	----	380.28	+	12.26	----	----	154	UNCH
JAN17		----	----	383.23	+	11.91	----	----	32	UNCH
FEB17		----	----	384.52	+	11.45	----	----	32	UNCH
MAR17		----	----	385.61	+	11.25	----	----	32	UNCH
APR17		----	----	386.67	+	11.16	----	----	5	UNCH
MAY17		----	----	387.65	+	11.09	----	----	5	UNCH
JUN17		----	----	388.58	+	10.98	----	----	5	UNCH
JUL17		----	----	389.98	+	10.84	----	----	5	UNCH
AUG17		----	----	391.95	+	11.16	----	----	5	UNCH
SEP17		----	----	393.85	+	11.10	----	----	5	UNCH
OCT17		----	----	395.78	+	11.15	----	----	5	UNCH
NOV17		----	----	397.76	+	11.30	----	----	5	UNCH
DEC17		----	----	399.90	+	11.64	----	----	5	UNCH
TOTAL	JA FUT							5	1423	- 512
JB FUT	JAPAN C&F NAPHTHA CRACK SPREAD									
JUL16		----	----	-2.68		UNCH	----	----	0	- 94
AUG16		----	----	-2.62	+	0.09	----	----	236	UNCH
SEP16		----	----	-2.22	+	0.29	----	----	337	UNCH
OCT16		----	----	-2.18	+	0.24	----	----	52	UNCH
NOV16		----	----	-2.17	+	0.23	----	----	52	UNCH
DEC16		----	----	-2.27	+	0.24	----	----	97	UNCH
JAN17		----	----	-2.36	+	0.23	----	----	5	UNCH
FEB17		----	----	-2.63	+	0.22	----	----	5	UNCH
MAR17		----	----	-2.89	+	0.22	----	----	5	UNCH
TOTAL	JB FUT								789	- 94
E6 FUT	JAPAN NAPHTHA BALMO									
13JUL16		----	----	381.240		UNCH	----	----	5	UNCH
02AUG16		----	----	359.663	+	11.917	----	----	40	UNCH
TOTAL	E6 FUT								45	
1V FUT	JET AVIA FUEL(PLTT) FOB V. ICE									
JUL16		----	----	13.548		UNCH	----	----	19	UNCH
AUG16		----	----	13.644	-	0.504	----	----	9	UNCH
SEP16		----	----	12.291	-	0.542	----	----	4	UNCH
OCT16		----	----	12.406	-	0.656	----	----	4	UNCH
NOV16		----	----	13.250	-	0.750	----	----	4	UNCH
DEC16		----	----	13.209	-	0.750	----	----	4	UNCH
JAN17		----	----	16.062	-	0.751	----	----	1	UNCH

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		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
1V FUT		JET AVIA FUEL(PLTT) FOB V. ICE							
FEB17		----	----	16.062	- 0.751	----	----	1	UNCH
MAR17		----	----	16.062	- 0.750	----	----	1	UNCH
APR17		----	----	18.875	- 0.375	----	----	1	UNCH
MAY17		----	----	18.875	- 0.375	----	----	1	UNCH
JUN17		----	----	18.875	- 0.375	----	----	1	UNCH
JUL17		----	----	20.041	- 0.272	----	----	3	UNCH
AUG17		----	----	20.041	- 0.271	----	----	3	UNCH
SEP17		----	----	20.042	- 0.270	----	----	3	UNCH
OCT17		----	----	21.375	- 0.375	----	----	3	UNCH
NOV17		----	----	21.375	- 0.375	----	----	3	UNCH
DEC17		----	----	21.375	- 0.375	----	----	3	UNCH
TOTAL 1V FUT								68	
JC FUT		JET CIF NWE VS ICE							
JUL16		----	----	28.04	UNCH	----	----	0 - 38	
AUG16		----	----	27.65	- 0.50	----	----	43	UNCH
SEP16		----	----	26.30	- 0.54	----	----	23	UNCH
OCT16		----	----	26.41	- 0.65	----	----	69	UNCH
NOV16		----	----	27.25	- 0.75	----	----	74	UNCH
DEC16		----	----	27.21	- 0.75	----	----	24	UNCH
JAN17		----	----	30.06	- 0.76	----	----	23	UNCH
FEB17		----	----	30.07	- 0.74	----	----	23	UNCH
MAR17		----	----	30.07	- 0.75	----	----	23	UNCH
APR17		----	----	32.88	- 0.37	----	----	21	UNCH
MAY17		----	----	32.88	- 0.37	----	----	21	UNCH
JUN17		----	----	32.87	- 0.38	----	----	21	UNCH
JUL17		----	----	34.04	- 0.27	----	----	13	UNCH
AUG17		----	----	34.05	- 0.27	----	----	13	UNCH
SEP17		----	----	34.05	- 0.26	----	----	13	UNCH
OCT17		----	----	35.38	- 0.37	----	----	8	UNCH
NOV17		----	----	35.38	- 0.37	----	----	8	UNCH
DEC17		----	----	35.38	- 0.37	----	----	8	UNCH
JAN18		----	----	39.16	- 0.29	----	----	13	UNCH
FEB18		----	----	39.16	- 0.30	----	----	13	UNCH
MAR18		----	----	39.15	- 0.31	----	----	13	UNCH
APR18		----	----	39.15	- 0.31	----	----	3	UNCH
MAY18		----	----	39.15	- 0.31	----	----	3	UNCH
JUN18		----	----	39.16	- 0.30	----	----	3	UNCH
JUL18		----	----	39.16	- 0.30	----	----	3	UNCH
AUG18		----	----	39.16	- 0.30	----	----	3	UNCH
SEP18		----	----	39.16	- 0.30	----	----	3	UNCH
OCT18		----	----	39.16	- 0.30	----	----	3	UNCH
NOV18		----	----	39.16	- 0.30	----	----	3	UNCH
DEC18		----	----	39.16	- 0.30	----	----	3	UNCH
TOTAL JC FUT								494 - 38	
1M FUT		JET FUEL UP-DOWN BALMO CLNDR S							
05JUL16		----	----	-0.1285	UNCH	----	----	0 - 125	
06JUL16		----	----	-0.1293	UNCH	----	----	0 - 125	
07JUL16		----	----	-0.1308	UNCH	----	----	0 - 25	
08JUL16		----	----	-0.1322	UNCH	----	----	0 - 150	
11JUL16		----	----	-0.1337	UNCH	----	----	0 - 25	
12JUL16		----	----	-0.1351	UNCH	----	----	0 - 475	
14JUL16		----	----	-0.1346	UNCH	----	----	0 - 250	
15JUL16		----	----	-0.1347	UNCH	----	----	0 - 75	
25JUL16		----	----	-0.1302	UNCH	----	----	0 - 90	
02AUG16		----	----	-0.1259	+ 0.0140	----	----	150	UNCH
03AUG16		----	----	-0.1249	+ 0.0150	----	50	400 + 50	
04AUG16		----	----	-0.1249	NEW	----	60	60 + 60	
TOTAL 1M FUT							110	610 - 1230	
KL FUT		LA CARB DIESEL (OPIS)							
JUL16		----	----	-0.0018	UNCH	----	----	0 - 385	
AUG16		----	----	-0.0306	- 0.0005	----	----	285	UNCH
SEP16		----	----	0.0175	UNCH	----	----	260	UNCH
OCT16		----	----	0.0150	UNCH	----	50	70 + 40	
NOV16		----	----	0.0150	UNCH	----	50	70 + 40	
DEC16		----	----	0.0000	UNCH	----	50	50 + 40	
TOTAL KL FUT							150	735 - 265	
JL FUT		LA CARBOB GASOLINE(OPIS)							
JUL16		----	----	0.0073	UNCH	----	----	0 - 300	
AUG16		----	----	-0.1162	+ 0.0146	----	----	300	UNCH
TOTAL JL FUT								300 - 300	
JS FUT		LA JET (OPIS)							
JUL16		----	----	-0.0297	UNCH	----	----	0 - 775	
AUG16		----	----	-0.0792	+ 0.0009	----	----	565	UNCH

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	GLOBAL	OPEN	GLOBAL		PRICE		GLOBAL		PNT/PIT		OPEN
			HIGH/LOW		& PT. CHGE		VOLUME		VOLUME		INTEREST
JS FUT	LA JET (OPIS)										
SEP16		----	----		-0.0725	UNCH	----		75		685 + 60
OCT16		----	----		-0.0700	UNCH	----		----		370 UNCH
NOV16		----	----		-0.0700	UNCH	----		----		245 UNCH
DEC16		----	----		-0.0700	UNCH	----		----		245 UNCH
TOTAL JS FUT									75		2110 - 715
MQ FUT	LA JET FUEL VS NYM NO 2 HO SPRD										
JUL16		----	----		-0.0297	UNCH	----		----		0 - 85
AUG16		----	----		-0.0791	+ 0.0010	----		----		50 UNCH
SEP16		----	----		-0.0725	UNCH	----		----		35 UNCH
OCT16		----	----		-0.0700	UNCH	----		----		155 UNCH
NOV16		----	----		-0.0700	UNCH	----		----		75 UNCH
DEC16		----	----		-0.0700	UNCH	----		----		45 UNCH
TOTAL MQ FUT											360 - 85
LX FUT	LOS ANGELES CARB DIESEL (OPIS)										
JUL16		----	----		1.3832	UNCH	----		----		0 - 13
AUG16		----	----		1.2544	+ 0.0255	----		----		13 UNCH
SEP16		----	----		1.3277	+ 0.0277	----		----		13 UNCH
OCT16		----	----		1.3467	+ 0.0287	----		----		13 UNCH
NOV16		----	----		1.3657	+ 0.0291	----		----		13 UNCH
DEC16		----	----		1.3701	+ 0.0286	----		----		13 UNCH
JAN17		----	----		1.5640	+ 0.0279	----		----		13 UNCH
FEB17		----	----		1.5679	+ 0.0271	----		----		13 UNCH
TOTAL LX FUT											91 - 13
MAS FUT	MIN ARGUS PROPANE SAUDI ARAMCO										
AUG16		----	----		285.000	UNCH	----		----		0 - 55
JAN17		----	----		308.998	+ 11.065	----		----		10 UNCH
TOTAL MAS FUT											10 - 55
MNC FUT	MIN EURO NPHTHA CIF NWE										
JUL16		----	----		380.155	UNCH	----		----		0 - 1330
AUG16		----	----		347.915	+ 12.072	----		20		2167 - 18
SEP16		----	----		355.098	+ 13.850	----		103		903 + 52
OCT16		----	----		359.290	+ 12.838	----		6		218 + 6
NOV16		----	----		362.461	+ 12.394	----		----		165 UNCH
DEC16		----	----		365.859	+ 12.342	----		----		197 UNCH
JAN17		----	----		368.731	+ 11.913	----		20		27 + 20
FEB17		----	----		370.181	+ 11.363	----		----		7 UNCH
MAR17		----	----		371.194	+ 10.959	----		----		1 UNCH
APR17		----	----		372.171	+ 10.660	----		----		1 UNCH
MAY17		----	----		373.236	+ 10.550	----		----		1 UNCH
JUN17		----	----		374.167	+ 10.317	----		----		1 UNCH
JUL17		----	----		375.649	+ 10.132	----		----		1 UNCH
AUG17		----	----		377.452	+ 9.909	----		----		1 UNCH
SEP17		----	----		379.845	+ 10.345	----		----		1 UNCH
OCT17		----	----		381.864	+ 10.236	----		----		1 UNCH
NOV17		----	----		383.927	+ 10.339	----		----		1 UNCH
DEC17		----	----		386.150	+ 10.639	----		----		1 UNCH
JAN18		----	----		386.125	+ 8.618	----		----		2 UNCH
FEB18		----	----		387.976	+ 8.617	----		----		2 UNCH
MAR18		----	----		389.658	+ 8.439	----		----		2 UNCH
APR18		----	----		390.948	+ 8.310	----		----		2 UNCH
MAY18		----	----		393.996	+ 9.812	----		----		2 UNCH
JUN18		----	----		396.085	+ 9.812	----		----		2 UNCH
JUL18		----	----		398.319	+ 9.808	----		----		2 UNCH
AUG18		----	----		400.812	+ 9.808	----		----		2 UNCH
SEP18		----	----		403.223	+ 9.807	----		----		2 UNCH
OCT18		----	----		405.746	+ 9.901	----		----		2 UNCH
NOV18		----	----		408.246	+ 9.897	----		----		2 UNCH
DEC18		----	----		410.415	+ 9.798	----		----		2 UNCH
TOTAL MNC FUT									149		3718 - 1270
MGF FUT	MIN GSL .1 PLTS CRGS CIFNWE VS GSL										
JUL16		----	----		-6.321	UNCH	----		----		0 - 22
AUG16		----	----		-3.697	+ 1.068	----		----		22 UNCH
SEP16		----	----		-4.709	+ 1.000	----		----		10 UNCH
TOTAL MGF FUT											32 - 22
MJN FUT	MIN JAPAN C&F NAPHTHA PLATTS										
JUL16		----	----		390.756	UNCH	----		----		0 - 535
AUG16		----	----		359.570	+ 11.375	----		----		1040 UNCH
SEP16		----	----		367.431	+ 13.683	----		40		320 + 30
OCT16		----	----		372.707	+ 13.005	----		----		20 UNCH
NOV16		----	----		376.795	+ 12.478	----		----		20 UNCH
DEC16		----	----		380.276	+ 12.259	----		----		20 UNCH
JAN17		----	----		383.231	NEW	----		10		10 + 10
FEB17		----	----		384.515	NEW	----		10		10 + 10

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
MJN FUT	MIN JAPAN C&F NAPHTHA PLATTS								
MAR17		----	----	385.610	NEW	----	10	10 +	10
TOTAL MJN FUT							70	1450 -	475
MJC FUT	MIN JETKERO CRGOS CIF NWE VS GASOIL								
JUL16		----	----	28.036	UNCH	----	----	0 -	53
AUG16		----	----	27.644	- 0.504	----	----	63	UNCH
SEP16		----	----	26.300	- 0.540	----	----	75	UNCH
OCT16		----	----	26.410	- 0.650	----	----	43	UNCH
NOV16		----	----	27.250	- 0.750	----	----	43	UNCH
DEC16		----	----	27.210	- 0.750	----	----	43	UNCH
JAN17		----	----	30.060	- 0.760	----	----	43	UNCH
FEB17		----	----	30.070	- 0.740	----	----	23	UNCH
MAR17		----	----	30.070	- 0.750	----	----	23	UNCH
JUL17		----	----	34.040	- 0.270	----	----	10	UNCH
AUG17		----	----	34.050	- 0.270	----	----	10	UNCH
SEP17		----	----	34.050	- 0.260	----	----	10	UNCH
JAN18		----	----	39.160	- 0.290	----	----	10	UNCH
FEB18		----	----	39.160	- 0.300	----	----	10	UNCH
MAR18		----	----	39.150	- 0.310	----	----	10	UNCH
TOTAL MJC FUT								416 -	53
MTB FUT	MIN SPORE FUELOIL380CST(PLTS) BALMO								
05JUL16		----	----	233.843	UNCH	----	----	0 -	20
08JUL16		----	----	232.232	UNCH	----	----	0 -	13
12JUL16		----	----	231.046	UNCH	----	----	0 -	15
13JUL16		----	----	230.277	UNCH	----	----	0 -	13
15JUL16		----	----	228.248	UNCH	----	----	0 -	45
20JUL16		----	----	224.024	UNCH	----	----	0 -	40
22JUL16		----	----	220.953	UNCH	----	----	0 -	20
02AUG16		----	----	210.772	+ 4.786	----	----	25	UNCH
03AUG16		----	----	210.976	+ 5.025	----	40	45 +	40
TOTAL MTB FUT							40	70 -	126
UCM FUT	MIN ULSD 10PPM CRGOS CIF MED VS GSL								
JUL16		----	----	4.834	UNCH	----	----	0 -	16
AUG16		----	----	5.063	+ 0.389	----	----	40	UNCH
SEP16		----	----	5.250	+ 0.542	----	----	10	UNCH
OCT16		----	----	5.750	+ 0.167	----	----	15	UNCH
NOV16		----	----	5.500	+ 0.250	----	----	15	UNCH
DEC16		----	----	5.532	- 0.010	----	----	15	UNCH
TOTAL UCM FUT								95 -	16
MGN FUT	MIN ULSD 10PPM CRGS CIF NWE VS GSL								
JUL16		----	----	1.726	UNCH	----	----	0 -	92
AUG16		----	----	3.613	+ 0.632	----	----	121	UNCH
SEP16		----	----	3.083	+ 0.146	----	----	91	UNCH
OCT16		----	----	3.750	- 0.083	----	----	90	UNCH
NOV16		----	----	3.500	UNCH	----	----	80	UNCH
DEC16		----	----	3.625	+ 0.083	----	----	30	UNCH
JAN17		----	----	3.750	UNCH	----	----	20	UNCH
FEB17		----	----	3.750	UNCH	----	----	10	UNCH
APR17		----	----	4.000	UNCH	----	----	10	UNCH
MAY17		----	----	4.000	UNCH	----	----	10	UNCH
JUL17		----	----	4.000	+ 0.187	----	----	10	UNCH
AUG17		----	----	4.000	+ 0.188	----	----	20	UNCH
NOV17		----	----	4.438	+ 0.126	----	----	10	UNCH
TOTAL MGN FUT								502 -	92
MFD FUT	MINI 1% FUEL OIL CAR MED								
JUL16		----	----	243.333	UNCH	----	----	0 -	74
AUG16		----	----	213.166	+ 5.377	----	----	220	UNCH
SEP16		----	----	211.975	+ 6.275	----	----	136	UNCH
TOTAL MFD FUT								356 -	74
MMF FUT	MINI 3.5% FUEL OIL CAR MED								
JUL16		----	----	224.714	UNCH	----	----	0 -	145
AUG16		----	----	199.550	+ 4.731	----	5	25 +	5
SEP16		----	----	196.813	+ 5.788	----	----	15	UNCH
OCT16		----	----	196.563	+ 5.850	----	----	7	UNCH
NOV16		----	----	197.583	+ 5.850	----	----	3	UNCH
DEC16		----	----	198.583	+ 5.600	----	----	3	UNCH
JAN17		----	----	202.125	+ 5.725	----	----	2	UNCH
FEB17		----	----	204.125	+ 5.850	----	----	2	UNCH
MAR17		----	----	206.125	+ 5.850	----	----	2	UNCH
APR17		----	----	208.125	+ 5.850	----	----	3	UNCH
MAY17		----	----	210.875	+ 5.850	----	----	3	UNCH
JUN17		----	----	212.500	+ 5.725	----	----	3	UNCH
JUL17		----	----	214.500	+ 5.725	----	----	3	UNCH
AUG17		----	----	216.250	+ 5.725	----	----	3	UNCH

PG61 BULLETIN #148@			ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016 PG61		
		GLOBAL EX	OPEN	HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL EX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
MMF FUT	MINI 3.5% FUEL OIL CAR MED									
SEP17		----		----	218.000 + 5.725		----	----	3	UNCH
OCT17		----		----	219.500 + 5.600		----	----	2	UNCH
NOV17		----		----	220.875 + 5.600		----	----	2	UNCH
DEC17		----		----	222.250 + 5.600		----	----	2	UNCH
TOTAL MMF FUT								5	83 -	140
MFR FUT	MINI 3.5% FUEL OIL FOB CRK SPD FUT									
JUL16		----		----	-11.410 UNCH		----	----	0 -	30
TOTAL MFR FUT									0 -	30
MAE FUT	MINI ARGUS PROPANE FAR EAST IDX									
JUL16		----		----	305.350 UNCH		----	----	0 -	50
AUG16		----		----	283.317 + 9.058		----	----	50	UNCH
SEP16		----		----	297.470 + 11.637		----	----	20	UNCH
OCT16		----		----	306.410 + 11.543		----	----	10	UNCH
NOV16		----		----	313.285 + 11.048		----	----	10	UNCH
DEC16		----		----	320.005 + 10.318		----	----	10	UNCH
TOTAL MAE FUT									100 -	50
T0 FUT	MINI EU 1%FO BARGE FOB RDAM FUT									
JUL16		----		----	224.619 UNCH		----	----	0 -	49
AUG16		----		----	204.817 + 5.191		----	----	14	UNCH
SEP16		----		----	204.558 + 6.025		----	----	13	UNCH
OCT16		----		----	205.400 + 6.050		----	----	11	UNCH
NOV16		----		----	207.100 + 5.950		----	----	6	UNCH
DEC16		----		----	208.487 + 5.650		----	----	12	UNCH
JAN17		----		----	212.479 + 5.787		----	----	10	UNCH
FEB17		----		----	215.042 + 5.934		----	----	10	UNCH
MAR17		----		----	217.375 + 5.975		----	----	10	UNCH
APR17		----		----	219.625 + 5.850		----	----	7	UNCH
MAY17		----		----	221.875 + 5.850		----	----	7	UNCH
JUN17		----		----	224.000 + 5.725		----	----	7	UNCH
JUL17		----		----	226.000 + 5.725		----	----	12	UNCH
AUG17		----		----	228.000 + 5.725		----	----	12	UNCH
SEP17		----		----	230.000 + 5.725		----	----	12	UNCH
OCT17		----		----	231.250 + 5.600		----	----	12	UNCH
NOV17		----		----	232.875 + 5.600		----	----	12	UNCH
DEC17		----		----	234.500 + 5.600		----	----	12	UNCH
JAN18		----		----	238.875 + 5.600		----	----	23	UNCH
FEB18		----		----	240.750 + 5.350		----	----	23	UNCH
MAR18		----		----	242.375 + 5.225		----	----	23	UNCH
APR18		----		----	244.500 + 5.100		----	----	7	UNCH
MAY18		----		----	246.125 + 4.975		----	----	7	UNCH
JUN18		----		----	247.625 + 4.850		----	----	7	UNCH
TOTAL T0 FUT									269 -	49
0B FUT	MINI EU 1%FO CARGO FOB NWE FUT									
AUG16		----		----	209.131 + 5.138		----	----	157	UNCH
SEP16		----		----	207.475 + 6.025		----	----	125	UNCH
OCT16		----		----	208.400 + 6.050		----	----	15	UNCH
TOTAL 0B FUT									297	
0E FUT	MINI EU 3.5%FO BARGE FOB RDAM BALMO									
04JUL16		----		----	222.663 UNCH		----	----	0 -	25
05JUL16		----		----	222.000 UNCH		----	----	0 -	45
06JUL16		----		----	221.861 UNCH		----	----	0 -	84
07JUL16		----		----	221.618 UNCH		----	----	0 -	134
08JUL16		----		----	221.031 UNCH		----	----	0 -	55
11JUL16		----		----	220.800 UNCH		----	----	0 -	40
13JUL16		----		----	219.923 UNCH		----	----	0 -	30
14JUL16		----		----	219.563 UNCH		----	----	0 -	40
21JUL16		----		----	214.750 UNCH		----	----	0 -	20
22JUL16		----		----	213.500 UNCH		----	----	0 -	30
02AUG16		----		----	202.108 + 4.913		----	----	251	UNCH
03AUG16		----		----	202.276 + 5.158		----	139	196 +	114
04AUG16		----		----	202.409 NEW		----	30	30 +	30
TOTAL 0E FUT								169	477 -	359
0D FUT	MINI EU 3.5%FO BARGE FOB RDAM FUT									
JUL16		----		----	223.369 UNCH		----	----	0 -	1316
AUG16		----		----	202.194 + 4.689		----	----	1545	UNCH
SEP16		----		----	198.875 + 5.725		----	65	564 +	53
OCT16		----		----	198.750 + 5.850		----	----	287	UNCH
NOV16		----		----	199.750 + 5.850		----	----	259	UNCH
DEC16		----		----	200.750 + 5.600		----	----	314	UNCH
JAN17		----		----	204.000 + 5.725		----	----	313	UNCH
FEB17		----		----	206.125 + 5.850		----	----	326	UNCH
MAR17		----		----	208.125 + 5.850		----	----	311	UNCH
APR17		----		----	210.125 + 5.850		----	----	315	UNCH

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE			GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST		
0D FUT	MINI EU 3.5%FO BARGE FOB RDAM FUT														
MAY17		----		----		212.125	+	5.850	----		----		330	UNCH	
JUN17		----		----		214.000	+	5.725	----		----		311	UNCH	
JUL17		----		----		216.000	+	5.725	----		----		188	UNCH	
AUG17		----		----		217.750	+	5.725	----		----		165	UNCH	
SEP17		----		----		219.500	+	5.725	----		----		194	UNCH	
OCT17		----		----		221.000	+	5.600	----		----		167	UNCH	
NOV17		----		----		222.375	+	5.600	----		----		188	UNCH	
DEC17		----		----		223.750	+	5.600	----		----		167	UNCH	
JAN18		----		----		226.625	+	5.600	----		----		22	UNCH	
FEB18		----		----		228.500	+	5.350	----		----		23	UNCH	
MAR18		----		----		230.375	+	5.225	----		----		22	UNCH	
APR18		----		----		232.250	+	5.100	----		----		31	UNCH	
MAY18		----		----		233.875	+	4.975	----		----		22	UNCH	
JUN18		----		----		235.375	+	4.850	----		----		23	UNCH	
JUL18		----		----		236.875	+	4.725	----		----		18	UNCH	
AUG18		----		----		238.375	+	4.725	----		----		19	UNCH	
SEP18		----		----		239.625	+	4.600	----		----		18	UNCH	
OCT18		----		----		240.875	+	4.600	----		----		27	UNCH	
NOV18		----		----		242.000	+	4.600	----		----		18	UNCH	
DEC18		----		----		243.125	+	4.600	----		----		19	UNCH	
JAN19		----		----		245.625	+	4.600	----		----		15	UNCH	
FEB19		----		----		247.250	+	4.600	----		----		15	UNCH	
MAR19		----		----		248.750	+	4.475	----		----		11	UNCH	
APR19		----		----		250.125	+	4.475	----		----		11	UNCH	
MAY19		----		----		251.375	+	4.350	----		----		11	UNCH	
JUN19		----		----		252.625	+	4.350	----		----		11	UNCH	
JUL19		----		----		253.625	+	4.350	----		----		11	UNCH	
AUG19		----		----		254.625	+	4.350	----		----		11	UNCH	
SEP19		----		----		255.625	+	4.350	----		----		11	UNCH	
OCT19		----		----		256.625	+	4.350	----		----		11	UNCH	
NOV19		----		----		257.625	+	4.350	----		----		11	UNCH	
DEC19		----		----		258.625	+	4.350	----		----		11	UNCH	
TOTAL 0D FUT											65		6346	- 1263	
MUD FUT	MINI EUR DIESEL10PPM VS ICE GS														
JUL16		----		----		-5.154		UNCH	----		----		0	- 81	
AUG16		----		----		-5.083	+	0.334	----		----		84	UNCH	
SEP16		----		----		-4.250	+	0.209	----		----		25	UNCH	
OCT16		----		----		-3.000		UNCH	----		----		15	UNCH	
NOV16		----		----		-2.750	+	0.250	----		----		5	UNCH	
DEC16		----		----		-3.000	+	0.250	----		----		15	UNCH	
TOTAL MUD FUT													144	- 81	
MEN FUT	MINI EURO NAPHTHA BALMO														
04JUL16		----		----		378.250		UNCH	----		----		0	- 6	
05JUL16		----		----		376.197		UNCH	----		----		0	- 153	
06JUL16		----		----		374.972		UNCH	----		----		0	- 110	
07JUL16		----		----		373.985		UNCH	----		----		0	- 132	
08JUL16		----		----		372.906		UNCH	----		----		0	- 50	
11JUL16		----		----		372.183		UNCH	----		----		0	- 5	
12JUL16		----		----		371.554		UNCH	----		----		0	- 30	
13JUL16		----		----		370.173		UNCH	----		----		0	- 65	
14JUL16		----		----		369.792		UNCH	----		----		0	- 30	
15JUL16		----		----		368.568		UNCH	----		----		0	- 20	
18JUL16		----		----		366.625		UNCH	----		----		0	- 65	
19JUL16		----		----		365.000		UNCH	----		----		0	- 20	
21JUL16		----		----		360.179		UNCH	----		----		0	- 20	
22JUL16		----		----		357.458		UNCH	----		----		0	- 20	
02AUG16		----		----		348.625	+	12.647	----		----		64	UNCH	
03AUG16		----		----		349.519		NEW	----		45		45	+	45
16AUG16		----		----		350.138	+	13.898	----		----		65	UNCH	
TOTAL MEN FUT											45		174	- 681	
MEO FUT	MINI GAS EUROBOB OXY BARGES														
JUL16		----		----		441.107		UNCH	----		----		0	- 4171	
AUG16		----		----		429.944	+	10.096	----		----		4850	UNCH	
SEP16		----		----		431.354	+	13.569	----		470		1677	+	124
OCT16		----		----		410.303	+	12.946	----		170		691	+	150
NOV16		----		----		409.044	+	12.022	----		----		327	UNCH	
DEC16		----		----		408.849	+	11.527	----		----		429	UNCH	
JAN17		----		----		415.072	+	11.491	----		----		12	UNCH	
FEB17		----		----		421.419	+	11.300	----		----		12	UNCH	
MAR17		----		----		428.108	+	11.435	----		----		12	UNCH	
APR17		----		----		468.412	+	10.755	----		----		12	UNCH	
MAY17		----		----		472.182	+	10.106	----		----		12	UNCH	
JUN17		----		----		473.278	+	10.197	----		----		12	UNCH	
JUL17		----		----		472.876	+	9.905	----		----		12	UNCH	

PG61 BULLETIN #148@			ENERGY FUTURES PRODUCTS										Wed, Aug 03, 2016 PG61									
		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE			GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST									
MEO FUT		MINI GAS EUROBOB OXY BARGES																				
AUG17		----		----		470.471 + 9.060			----		----		12 UNCH									
SEP17		----		----		468.483 + 9.901			----		----		12 UNCH									
OCT17		----		----		444.331 + 9.644			----		----		12 UNCH									
NOV17		----		----		440.148 + 9.833			----		----		12 UNCH									
DEC17		----		----		437.967 + 9.794			----		----		12 UNCH									
TOTAL MEO FUT										640		8118 -		3897								
MEB FUT		MINI GAS EUROBOB OXY NWE ARGS BALMO																				
05JUL16		----		----		436.987 UNCH			----		----		0 - 16									
06JUL16		----		----		435.444 UNCH			----		----		0 - 95									
07JUL16		----		----		434.721 UNCH			----		----		0 - 50									
08JUL16		----		----		434.031 UNCH			----		----		0 - 72									
11JUL16		----		----		434.300 UNCH			----		----		0 - 10									
12JUL16		----		----		434.554 UNCH			----		----		0 - 10									
13JUL16		----		----		434.365 UNCH			----		----		0 - 30									
15JUL16		----		----		433.091 UNCH			----		----		0 - 38									
25JUL16		----		----		422.650 UNCH			----		----		0 - 20									
02AUG16		----		----		430.489 + 10.577			----		----		82 UNCH									
03AUG16		----		----		431.101 NEW			----		169		169 + 169									
04AUG16		----		----		431.882 NEW			----		50		50 + 50									
TOTAL MEB FUT										219		301 -		122								
MGB FUT		MINI GSOIL .1 PLTTS VS ICE GSOIL SW																				
JUL16		----		----		-9.559 UNCH			----		----		0 - 11									
AUG16		----		----		-6.321 + 0.743			----		----		11 UNCH									
SEP16		----		----		-7.625 + 0.584			----		----		11 UNCH									
OCT16		----		----		-8.208 + 0.417			----		----		11 UNCH									
NOV16		----		----		-8.250 + 0.750			----		----		11 UNCH									
DEC16		----		----		-8.250 + 0.333			----		----		11 UNCH									
TOTAL MGB FUT												55 -		11								
MXB FUT		MINI RBOB V. EBOB(ARGUS) NWE BRGS																				
JUL16		----		----		0.1196 UNCH			----		----		0 - 395									
AUG16		----		----		0.1173 + 0.0060			----		----		564 UNCH									
SEP16		----		----		0.0207 + 0.0004			----		----		200 UNCH									
OCT16		----		----		0.0649 + 0.0007			----		----		30 UNCH									
NOV16		----		----		0.0591 + 0.0014			----		----		30 UNCH									
DEC16		----		----		0.0659 + 0.0028			----		40		60 + 30									
JAN17		----		----		0.0632 + 0.0022			----		----		18 UNCH									
FEB17		----		----		0.0703 + 0.0024			----		----		18 UNCH									
MAR17		----		----		0.2436 + 0.0013			----		----		18 UNCH									
APR17		----		----		0.1376 + 0.0018			----		----		18 UNCH									
MAY17		----		----		0.1245 + 0.0024			----		----		18 UNCH									
JUN17		----		----		0.1127 + 0.0010			----		----		18 UNCH									
JUL17		----		----		0.1002 + 0.0009			----		----		18 UNCH									
AUG17		----		----		0.0864 + 0.0023			----		----		18 UNCH									
SEP17		----		----		-0.0279 - 0.0009			----		----		18 UNCH									
OCT17		----		----		0.0184 - 0.0011			----		----		18 UNCH									
NOV17		----		----		0.0170 - 0.0020			----		----		18 UNCH									
DEC17		----		----		0.0284 - 0.0022			----		----		18 UNCH									
TOTAL MXB FUT										40		1100 -		365								
MXR FUT		MINI RBOB V. EBOBARG NWE BRGS BALMO																				
06JUL16		----		----		0.1257 UNCH			----		----		0 - 200									
02AUG16		----		----		0.1177 + 0.0063			----		70		100 + 70									
TOTAL MXR FUT										70		100 -		130								
MTS FUT		MINI SINGAPORE 380CST FUEL OIL																				
JUL16		----		----		235.201 UNCH			----		----		0 - 1631									
AUG16		----		----		210.970 + 4.568			----		----		1579 UNCH									
SEP16		----		----		212.875 + 5.433			----		141		624 - 5									
OCT16		----		----		213.500 + 5.250			----		30		451 + 16									
NOV16		----		----		214.813 + 5.350			----		20		335 + 20									
DEC16		----		----		216.000 + 5.350			----		10		257 + 10									
JAN17		----		----		218.000 + 5.225			----		----		186 UNCH									
FEB17		----		----		220.125 + 5.350			----		----		133 UNCH									
MAR17		----		----		222.125 + 5.350			----		----		193 UNCH									
APR17		----		----		224.171 + 5.538			----		----		181 UNCH									
MAY17		----		----		226.216 + 5.725			----		----		85 UNCH									
JUN17		----		----		228.248 + 5.725			----		----		80 UNCH									
JUL17		----		----		230.280 + 5.725			----		----		78 UNCH									
AUG17		----		----		232.313 + 5.725			----		----		56 UNCH									
SEP17		----		----		234.083 + 5.683			----		----		56 UNCH									
OCT17		----		----		235.854 + 5.642			----		----		51 UNCH									
NOV17		----		----		237.625 + 5.600			----		----		46 UNCH									
DEC17		----		----		239.656 + 5.473			----		----		46 UNCH									
JAN18		----		----		241.687 + 5.347			----		----		31 UNCH									
FEB18		----		----		243.718 + 5.220			----		----		31 UNCH									

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BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
MTS FUT	MINI SINGAPORE 380CST FUEL OIL									
MAR18		----	----	245.749	+	5.093	----	----	31	UNCH
APR18		----	----	247.780	+	4.966	----	----	31	UNCH
MAY18		----	----	249.811	+	4.840	----	----	31	UNCH
JUN18		----	----	251.842	+	4.713	----	----	31	UNCH
JUL18		----	----	253.251	+	4.667	----	----	4	UNCH
AUG18		----	----	254.660	+	4.621	----	----	4	UNCH
SEP18		----	----	256.069	+	4.575	----	----	4	UNCH
OCT18		----	----	257.478	+	4.529	----	----	4	UNCH
NOV18		----	----	258.887	+	4.484	----	----	4	UNCH
DEC18		----	----	260.296	+	4.438	----	----	4	UNCH
JAN19		----	----	261.705	+	4.392	----	----	1	UNCH
FEB19		----	----	263.114	+	4.346	----	----	1	UNCH
MAR19		----	----	264.523	+	4.300	----	----	1	UNCH
APR19		----	----	265.932	+	4.254	----	----	1	UNCH
MAY19		----	----	267.341	+	4.208	----	----	1	UNCH
JUN19		----	----	268.750	+	4.163	----	----	1	UNCH
JUL19		----	----	269.784	+	3.986	----	----	1	UNCH
AUG19		----	----	270.818	+	3.809	----	----	1	UNCH
SEP19		----	----	271.852	+	3.632	----	----	1	UNCH
OCT19		----	----	272.886	+	3.456	----	----	1	UNCH
NOV19		----	----	273.920	+	3.279	----	----	1	UNCH
DEC19		----	----	274.954	+	3.102	----	----	1	UNCH
TOTAL MTS FUT								201	4659 -	1590
5L FUT	MINI SINGAPORE FO 180 CST BALMO FUT									
04JUL16		----	----	241.473		UNCH	----	----	0 -	72
05JUL16		----	----	240.646		UNCH	----	----	0 -	30
07JUL16		----	----	240.237		UNCH	----	----	0 -	85
08JUL16		----	----	239.343		UNCH	----	----	0 -	85
11JUL16		----	----	238.819		UNCH	----	----	0 -	95
12JUL16		----	----	238.361		UNCH	----	----	0 -	115
13JUL16		----	----	237.672		UNCH	----	----	0 -	115
01AUG16		----	----	216.957	+	4.577	----	----	20	UNCH
02AUG16		----	----	216.705	+	4.795	----	----	45	UNCH
TOTAL 5L FUT									65 -	597
OF FUT	MINI SINGAPORE FO 180 CST FUT									
AUG16		----	----	216.957	+	4.577	----	----	537	UNCH
SEP16		----	----	218.375	+	5.600	----	10	155 +	10
OCT16		----	----	219.250	+	5.100	----	----	20	UNCH
NOV16		----	----	221.000	+	5.350	----	----	20	UNCH
DEC16		----	----	222.250	+	5.350	----	----	20	UNCH
JAN17		----	----	224.250	+	5.225	----	----	5	UNCH
FEB17		----	----	226.375	+	5.350	----	----	5	UNCH
MAR17		----	----	228.375	+	5.350	----	----	5	UNCH
APR17		----	----	230.688	+	5.538	----	----	5	UNCH
MAY17		----	----	233.000	+	5.725	----	----	5	UNCH
JUN17		----	----	235.167	+	5.725	----	----	5	UNCH
JUL17		----	----	237.333	+	5.725	----	----	5	UNCH
AUG17		----	----	239.500	+	5.725	----	----	5	UNCH
SEP17		----	----	241.458	+	5.683	----	----	5	UNCH
OCT17		----	----	243.417	+	5.642	----	----	5	UNCH
NOV17		----	----	245.375	+	5.600	----	----	5	UNCH
DEC17		----	----	247.536	+	5.493	----	----	5	UNCH
TOTAL OF FUT								10	812 +	10
1N FUT	MOGAS92 UNLEADED (PLATTS)									
JUL16		----	----	49.472		UNCH	----	----	0 -	2052
AUG16		----	----	47.376	+	1.521	----	----	2328	UNCH
SEP16		----	----	48.250	+	1.896	----	205	2182 +	30
OCT16		----	----	48.774	+	1.841	----	75	2076 +	75
NOV16		----	----	49.303	+	1.800	----	----	1089	UNCH
DEC16		----	----	49.808	+	1.699	----	----	982	UNCH
JAN17		----	----	50.494	+	1.754	----	----	27	UNCH
FEB17		----	----	51.146	+	1.747	----	----	27	UNCH
MAR17		----	----	51.824	+	1.748	----	----	27	UNCH
APR17		----	----	52.300	+	1.626	----	----	470	UNCH
MAY17		----	----	52.543	+	1.479	----	----	100	UNCH
JUN17		----	----	52.764	+	1.469	----	----	100	UNCH
JUL17		----	----	52.906	+	1.424	----	----	10	UNCH
AUG17		----	----	52.987	+	1.397	----	----	10	UNCH
SEP17		----	----	53.239	+	1.549	----	----	10	UNCH
OCT17		----	----	53.471	+	1.658	----	----	10	UNCH
NOV17		----	----	53.589	+	1.631	----	----	10	UNCH
DEC17		----	----	53.657	+	1.556	----	----	10	UNCH
TOTAL 1N FUT								280	9468 -	1947

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61	
		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE	LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST
MBL FUT	MT BELVIEU LDH ISO-BUTANE(OPIS)						
JUL16		----	----	0.65938 UNCH	----	----	0 - 14
AUG16		----	----	0.65345 + 0.01864	----	----	14 UNCH
SEP16		----	----	0.62625 + 0.01875	----	----	14 UNCH
OCT16		----	----	0.63875 + 0.01875	----	----	19 UNCH
NOV16		----	----	0.64875 + 0.01875	----	----	17 UNCH
DEC16		----	----	0.65750 + 0.01875	----	----	17 UNCH
JAN17		----	----	0.66250 + 0.01875	----	----	14 UNCH
FEB17		----	----	0.64625 + 0.01500	----	----	14 UNCH
MAR17		----	----	0.62125 + 0.01250	----	----	14 UNCH
TOTAL MBL FUT							123 - 14
NOB FUT	NAPHTHA (PLATTS) NWE CRACK						
JUL16		----	----	-3.872 UNCH	----	----	0 - 174
AUG16		----	----	-3.926 + 0.172	----	----	180 UNCH
SEP16		----	----	-3.606 + 0.308	----	25	117 UNCH
OCT16		----	----	-3.682 + 0.225	----	3	91 - 2
NOV16		----	----	-3.785 + 0.224	----	3	91 - 2
DEC16		----	----	-3.885 + 0.250	----	3	98 - 2
JAN17		----	----	-3.990 + 0.229	----	3	64 + 2
FEB17		----	----	-4.237 + 0.207	----	3	64 + 2
MAR17		----	----	-4.508 + 0.182	----	3	64 + 2
APR17		----	----	-4.752 + 0.169	----	----	24 UNCH
MAY17		----	----	-4.987 + 0.178	----	----	24 UNCH
JUN17		----	----	-5.213 + 0.180	----	----	24 UNCH
JUL17		----	----	-5.346 + 0.190	----	----	20 UNCH
AUG17		----	----	-5.432 + 0.184	----	----	20 UNCH
SEP17		----	----	-5.432 + 0.254	----	----	20 UNCH
OCT17		----	----	-5.446 + 0.271	----	----	15 UNCH
NOV17		----	----	-5.485 + 0.303	----	----	15 UNCH
DEC17		----	----	-5.529 + 0.358	----	----	15 UNCH
TOTAL NOB FUT						43	946 - 174
NBB FUT	NAPHTHA (PLATTS) NWE CRACK BALMO SW						
04JUL16		----	----	-3.898 UNCH	----	----	0 - 10
05JUL16		----	----	-3.934 UNCH	----	----	0 - 10
11JUL16		----	----	-4.044 UNCH	----	----	0 - 3
02AUG16		----	----	-3.887 + 0.183	----	----	20 UNCH
03AUG16		----	----	-3.846 NEW	----	35	35 + 35
TOTAL NBB FUT						35	55 + 12
NYH FUT	NEW YORK .3% FUEL OIL HIPR V. NY 1%						
JAN17		----	----	9.800 UNCH	----	----	100 UNCH
FEB17		----	----	9.775 UNCH	----	----	100 UNCH
MAR17		----	----	9.900 UNCH	----	----	100 UNCH
TOTAL NYH FUT							300
NYF FUT	NEW YORK FUEL OIL 1% V. EURO 1% FO						
JUL16		----	----	-0.396 UNCH	----	----	0 - 75
AUG16		----	----	0.149 - 0.066	----	----	50 UNCH
SEP16		----	----	0.323 + 0.095	----	----	50 UNCH
OCT16		----	----	0.094 - 0.016	----	----	25 UNCH
NOV16		----	----	-0.031 - 0.016	----	----	25 UNCH
DEC16		----	----	-0.018 + 0.023	----	----	25 UNCH
TOTAL NYF FUT							175 - 75
UT FUT	NO 2 UP-DOWN SPREAD CALENDAR						
JUL16		----	----	-0.1943 UNCH	----	----	0 - 5
AUG16		----	----	-0.1969 - 0.0037	----	----	5 UNCH
SEP16		----	----	-0.1840 + 0.0020	----	----	6 UNCH
OCT16		----	----	-0.1625 + 0.0020	----	----	9 UNCH
NOV16		----	----	-0.1760 + 0.0025	----	----	21 UNCH
DEC16		----	----	-0.1930 + 0.0035	----	----	36 UNCH
JAN17		----	----	-0.1725 + 0.0025	----	----	36 UNCH
FEB17		----	----	-0.1675 UNCH	----	----	39 UNCH
MAR17		----	----	-0.1600 UNCH	----	----	23 UNCH
APR17		----	----	-0.1360 + 0.0025	----	----	7 UNCH
MAY17		----	----	-0.1370 + 0.0025	----	----	4 UNCH
JUN17		----	----	-0.1380 + 0.0020	----	----	3 UNCH
JUL17		----	----	-0.1370 + 0.0025	----	----	2 UNCH
AUG17		----	----	-0.1370 + 0.0025	----	----	2 UNCH
SEP17		----	----	-0.1370 + 0.0025	----	----	5 UNCH
TOTAL UT FUT							198 - 5
NFG FUT	NY 1% FUEL OIL VS G.C. 3% FUEL OIL						
03AUG16		----	----	2.775 NEW	----	268	268 + 268
TOTAL NFG FUT						268	268 + 268
Y3 FUT	NY 2.2% FUEL OIL (PLATTS)						
JAN17		----	----	32.950 + 0.950	----	----	220 UNCH
TOTAL Y3 FUT							220

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BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		GLOBEX OPEN			GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
FOC FUT	NY 3%	FUEL	OIL V	GULF	COAST NO6	3%						
JUL16		----			----		2.404	UNCH	----	----	0	- 775
AUG16		----			----		1.806	- 0.010	----	----	1200	UNCH
SEP16		----			----		1.675	UNCH	----	----	675	UNCH
OCT16		----			----		1.575	UNCH	----	----	350	UNCH
NOV16		----			----		1.575	UNCH	----	----	350	UNCH
DEC16		----			----		1.575	UNCH	----	----	350	UNCH
JAN17		----			----		1.575	UNCH	----	----	25	UNCH
FEB17		----			----		0.925	UNCH	----	----	25	UNCH
MAR17		----			----		0.925	UNCH	----	----	25	UNCH
APR17		----			----		0.925	UNCH	----	----	25	UNCH
MAY17		----			----		0.925	UNCH	----	----	25	UNCH
JUN17		----			----		0.925	UNCH	----	----	25	UNCH
JUL17		----			----		0.925	UNCH	----	----	25	UNCH
AUG17		----			----		0.925	UNCH	----	----	25	UNCH
SEP17		----			----		0.925	UNCH	----	----	25	UNCH
OCT17		----			----		0.925	UNCH	----	----	25	UNCH
NOV17		----			----		0.950	UNCH	----	----	25	UNCH
DEC17		----			----		0.975	UNCH	----	----	25	UNCH
TOTAL FOC FUT											3225	- 775
H1 FUT	NY 3.0%	FUEL	OIL (PLATTS)									
JUL16		----			----		36.232	UNCH	----	----	0	- 300
AUG16		----			----		32.207	+ 0.731	----	----	100	UNCH
SEP16		----			----		32.300	+ 0.950	----	25	100	+ 25
OCT16		----			----		32.250	+ 0.950	----	----	25	UNCH
NOV16		----			----		32.450	+ 0.950	----	----	25	UNCH
DEC16		----			----		32.750	+ 0.950	----	----	25	UNCH
TOTAL H1 FUT										25	275	- 275
JET FUT	NY BUCKEYE	JET FUEL	VS NY HARB	ULSD								
JUL16		----			----		-0.0734	UNCH	----	----	0	- 955
AUG16		----			----		-0.0910	+ 0.0044	----	150	1955	- 75
SEP16		----			----		-0.0850	+ 0.0125	----	275	1430	+ 150
OCT16		----			----		-0.0825	UNCH	----	----	150	UNCH
NOV16		----			----		-0.0825	UNCH	----	----	150	UNCH
DEC16		----			----		-0.0825	UNCH	----	----	150	UNCH
TOTAL JET FUT										425	3835	- 880
NLS FUT	NY HARBOR	LOW SULPUR	GAS 1000MBBL									
JUL16		----			----		0.0884	UNCH	----	----	0	- 225
AUG16		----			----		0.1120	+ 0.0088	----	----	225	UNCH
SEP16		----			0.1061B/0.1007A		0.1122	+ 0.0104	----	----	225	UNCH
OCT16		----			0.1101B		0.1165	+ 0.0125	----	----	325	UNCH
NOV16		----			0.1108B		0.1214	+ 0.0131	----	----	325	UNCH
DEC16		----			----		0.1258	+ 0.0126	----	----	400	UNCH
JAN17		----			----		0.1232	+ 0.0125	----	----	612	UNCH
FEB17		----			----		0.1152	+ 0.0114	----	----	112	UNCH
MAR17		----			----		0.1025	+ 0.0107	----	----	112	UNCH
APR17		----			----		0.0976	+ 0.0102	----	----	10	UNCH
MAY17		----			----		0.0945	+ 0.0098	----	----	10	UNCH
JUN17		----			----		0.0911	+ 0.0090	----	----	10	UNCH
JUL17		----			----		0.0895	+ 0.0080	----	----	10	UNCH
AUG17		----			----		0.0900	+ 0.0071	----	----	10	UNCH
SEP17		----			----		0.0916	+ 0.0059	----	----	10	UNCH
OCT17		----			----		0.0966	+ 0.0055	----	----	10	UNCH
NOV17		----			----		0.1027	+ 0.0057	----	----	10	UNCH
DEC17		----			----		0.1057	+ 0.0054	----	----	10	UNCH
TOTAL NLS FUT											2426	- 225
MM FUT	NY HARBOR	RESIDUAL FUEL 1.0% S										
JUL16		----			----		36.69	UNCH	----	----	0	- 465
AUG16		----			----		33.22	+ 0.79	----	----	595	UNCH
SEP16		----			----		32.98	+ 0.98	----	50	483	- 50
OCT16		----			----		32.83	+ 0.88	----	73	478	+ 50
NOV16		----			----		33.00	+ 0.87	----	----	1035	UNCH
DEC16		----			----		33.23	+ 0.88	----	----	1128	UNCH
JAN17		----			----		33.68	+ 0.88	----	----	524	UNCH
FEB17		----			----		34.03	+ 0.88	----	----	176	UNCH
MAR17		----			----		34.33	+ 0.85	----	----	340	UNCH
APR17		----			----		34.63	+ 0.85	----	----	50	UNCH
MAY17		----			----		34.95	+ 0.85	----	----	50	UNCH
JUN17		----			----		35.28	+ 0.85	----	----	50	UNCH
TOTAL MM FUT										123	4909	- 465
ULB FUT	NY ULSD	VS HEAT OIL	BALMO									
15JUL16		----			----		-0.0258	UNCH	----	----	0	- 400
TOTAL ULB FUT											0	- 400
7Y FUT	NY ULSD(ARGUS)	VS HO	SPREAD									



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PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016 PG61	
		GLOBAL EX OPEN	GLOBAL EX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL EX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST
7Y FUT	NY ULSD(ARGUS) VS HO SPREAD							
JUL16		----	----	-0.0281	UNCH	----	----	0 - 192
AUG16		----	----	-0.0256	+ 0.0118	----	----	269 UNCH
SEP16		----	----	-0.0225	+ 0.0020	----	----	166 UNCH
OCT16		----	----	-0.0195	+ 0.0020	----	----	82 UNCH
NOV16		----	----	-0.0165	+ 0.0025	----	----	75 UNCH
DEC16		----	----	-0.0135	+ 0.0035	----	----	73 UNCH
JAN17		----	----	-0.0080	+ 0.0025	----	----	51 UNCH
FEB17		----	----	-0.0040	UNCH	----	----	98 UNCH
MAR17		----	----	0.0171	UNCH	----	----	39 UNCH
APR17		----	----	0.0197	+ 0.0025	----	----	24 UNCH
MAY17		----	----	0.0061	+ 0.0025	----	----	23 UNCH
JUN17		----	----	0.0051	+ 0.0020	----	----	27 UNCH
JUL17		----	----	0.0365	+ 0.0025	----	----	17 UNCH
AUG17		----	----	0.0365	+ 0.0025	----	----	18 UNCH
SEP17		----	----	0.0365	+ 0.0025	----	----	16 UNCH
OCT17		----	----	0.0275	UNCH	----	----	15 UNCH
NOV17		----	----	0.0128	UNCH	----	----	11 UNCH
DEC17		----	----	-0.0022	UNCH	----	----	17 UNCH
TOTAL 7Y FUT								1021 - 192
VR FUT	NY1% VS GC SPREAD							
JUL16		----	----	2.866	UNCH	----	----	0 - 1182
AUG16		----	----	2.814	+ 0.044	----	----	1460 UNCH
SEP16		----	----	2.350	+ 0.025	----	50	411 UNCH
OCT16		----	----	2.150	- 0.075	----	----	427 UNCH
NOV16		----	----	2.125	- 0.075	----	----	427 UNCH
DEC16		----	----	2.050	- 0.075	----	----	602 UNCH
JAN17		----	----	1.700	- 0.075	----	----	341 UNCH
FEB17		----	----	1.750	- 0.025	----	----	341 UNCH
MAR17		----	----	1.750	- 0.050	----	----	341 UNCH
APR17		----	----	1.750	- 0.050	----	----	91 UNCH
MAY17		----	----	1.775	- 0.050	----	----	91 UNCH
JUN17		----	----	1.800	- 0.050	----	----	300 UNCH
JUL17		----	----	1.800	- 0.050	----	----	91 UNCH
AUG17		----	----	1.800	- 0.050	----	----	91 UNCH
SEP17		----	----	1.800	- 0.050	----	----	91 UNCH
OCT17		----	----	1.800	- 0.050	----	----	91 UNCH
NOV17		----	----	1.800	- 0.050	----	----	91 UNCH
DEC17		----	----	1.800	- 0.050	----	----	91 UNCH
TOTAL VR FUT							50	5378 - 1182
HK FUT	NYH NO 2 CRACK SPREAD CAL							
AUG16		----	----	13.00	- 0.11	----	----	1061 UNCH
SEP16		----	13.61B/13.14A	13.16	- 0.10	----	----	1022 UNCH
OCT16		----	13.70B/13.28A	13.33	- 0.01	----	----	997 UNCH
NOV16		----	13.74B/13.36A	13.43	+ 0.04	----	----	997 UNCH
DEC16		----	----	13.59	+ 0.07	----	----	1525 UNCH
JAN17		----	----	13.60	+ 0.08	----	----	339 UNCH
FEB17		----	----	13.43	+ 0.07	----	----	339 UNCH
MAR17		----	----	13.01	+ 0.09	----	----	339 UNCH
APR17		----	----	12.91	+ 0.07	----	----	946 UNCH
MAY17		----	----	12.96	+ 0.05	----	----	946 UNCH
JUN17		----	----	13.10	+ 0.04	----	----	946 UNCH
JUL17		----	----	13.34	+ 0.04	----	----	295 UNCH
AUG17		----	----	13.62	+ 0.02	----	----	295 UNCH
SEP17		----	----	13.87	+ 0.01	----	----	295 UNCH
OCT17		----	----	14.10	- 0.01	----	----	899 UNCH
NOV17		----	----	14.30	- 0.02	----	----	899 UNCH
DEC17		----	----	14.56	- 0.03	----	----	899 UNCH
JAN18		----	----	14.60	- 0.02	----	----	33 UNCH
FEB18		----	----	14.40	UNCH	----	----	33 UNCH
MAR18		----	----	14.01	+ 0.01	----	----	33 UNCH
APR18		----	----	14.01	+ 0.04	----	----	33 UNCH
MAY18		----	----	14.10	+ 0.06	----	----	33 UNCH
JUN18		----	----	14.40	+ 0.08	----	----	33 UNCH
JUL18		----	----	14.78	+ 0.10	----	----	33 UNCH
AUG18		----	----	15.20	+ 0.12	----	----	33 UNCH
SEP18		----	----	15.54	+ 0.10	----	----	33 UNCH
OCT18		----	----	15.85	+ 0.10	----	----	33 UNCH
NOV18		----	----	16.11	+ 0.11	----	----	33 UNCH
DEC18		----	----	16.34	+ 0.12	----	----	33 UNCH
TOTAL HK FUT								13435
BH FUT	NYMEX HEATING OIL FUTURES							
SEP16		----	----	1.2875	+ 0.0285	----	----	218 UNCH
OCT16		----	----	1.3102	+ 0.0277	----	----	518 UNCH
NOV16		----	----	1.3317	+ 0.0287	----	----	618 UNCH

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
BH FUT	NYMEX HEATING OIL FUTURES									
DEC16		----	----	1.3507	+	0.0291	----	----	528	UNCH
JAN17		----	----	1.3701	+	0.0286	----	----	517	UNCH
FEB17		----	----	1.3829	+	0.0279	----	----	417	UNCH
MAR17		----	----	1.3888	+	0.0271	----	----	317	UNCH
APR17		----	----	1.3886	+	0.0266	----	----	17	UNCH
MAY17		----	----	1.3937	+	0.0257	----	----	17	UNCH
JUN17		----	----	1.4017	+	0.0249	----	----	17	UNCH
JUL17		----	----	1.4120	+	0.0242	----	----	17	UNCH
AUG17		----	----	1.4235	+	0.0237	----	----	17	UNCH
SEP17		----	----	1.4361	+	0.0231	----	----	17	UNCH
OCT17		----	----	1.4485	+	0.0224	----	----	17	UNCH
NOV17		----	----	1.4603	+	0.0218	----	----	17	UNCH
DEC17		----	----	1.4709	+	0.0212	----	----	17	UNCH
JAN18		----	----	1.4819	+	0.0206	----	----	4	UNCH
FEB18		----	----	1.4871	+	0.0206	----	----	4	UNCH
MAR18		----	----	1.4866	+	0.0206	----	----	4	UNCH
APR18		----	----	1.4824	+	0.0209	----	----	4	UNCH
MAY18		----	----	1.4869	+	0.0214	----	----	4	UNCH
JUN18		----	----	1.4934	+	0.0217	----	----	4	UNCH
JUL18		----	----	1.5044	+	0.0217	----	----	4	UNCH
AUG18		----	----	1.5169	+	0.0217	----	----	4	UNCH
SEP18		----	----	1.5309	+	0.0217	----	----	4	UNCH
OCT18		----	----	1.5434	+	0.0212	----	----	4	UNCH
NOV18		----	----	1.5549	+	0.0207	----	----	4	UNCH
DEC18		----	----	1.5654	+	0.0207	----	----	4	UNCH
TOTAL	BH FUT								3334	
MP FUT	NYMEX NY HARBOR HEAT OIL CLNDR									
AUG16		----	----	1.2850	+	0.0260	----	----	1328	UNCH
SEP16		----	----	1.3102	+	0.0277	----	----	1803	UNCH
OCT16		----	----	1.3317	+	0.0287	----	----	858	UNCH
NOV16		----	----	1.3507	+	0.0291	----	----	831	UNCH
DEC16		----	----	1.3701	+	0.0286	----	----	834	UNCH
JAN17		----	----	1.3829	+	0.0279	----	----	1777	UNCH
FEB17		----	----	1.3888	+	0.0271	----	----	718	UNCH
MAR17		----	----	1.3886	+	0.0266	----	----	722	UNCH
APR17		----	----	1.3937	+	0.0257	----	----	339	UNCH
MAY17		----	----	1.4017	+	0.0249	----	----	336	UNCH
JUN17		----	----	1.4120	+	0.0242	----	----	336	UNCH
JUL17		----	----	1.4235	+	0.0237	----	----	243	UNCH
AUG17		----	----	1.4361	+	0.0231	----	----	243	UNCH
SEP17		----	----	1.4485	+	0.0224	----	----	242	UNCH
OCT17		----	----	1.4603	+	0.0218	----	----	217	UNCH
NOV17		----	----	1.4709	+	0.0212	----	----	217	UNCH
DEC17		----	----	1.4819	+	0.0206	----	----	217	UNCH
JAN18		----	----	1.4871	+	0.0206	----	----	117	UNCH
FEB18		----	----	1.4866	+	0.0206	----	----	117	UNCH
MAR18		----	----	1.4824	+	0.0209	----	----	115	UNCH
APR18		----	----	1.4869	+	0.0214	----	----	121	UNCH
MAY18		----	----	1.4934	+	0.0217	----	----	121	UNCH
JUN18		----	----	1.5044	+	0.0217	----	----	121	UNCH
JUL18		----	----	1.5169	+	0.0217	----	----	55	UNCH
AUG18		----	----	1.5309	+	0.0217	----	----	55	UNCH
SEP18		----	----	1.5434	+	0.0212	----	----	55	UNCH
OCT18		----	----	1.5549	+	0.0207	----	----	55	UNCH
NOV18		----	----	1.5654	+	0.0207	----	----	55	UNCH
DEC18		----	----	1.5734	+	0.0207	----	----	55	UNCH
JAN19		----	----	1.5784	+	0.0207	----	----	43	UNCH
FEB19		----	----	1.5774	+	0.0207	----	----	43	UNCH
MAR19		----	----	1.5729	+	0.0207	----	----	43	UNCH
APR19		----	----	1.5779	+	0.0207	----	----	43	UNCH
MAY19		----	----	1.5859	+	0.0207	----	----	43	UNCH
JUN19		----	----	1.5949	+	0.0207	----	----	43	UNCH
JUL19		----	----	1.6044	+	0.0207	----	----	43	UNCH
AUG19		----	----	1.6144	+	0.0207	----	----	43	UNCH
SEP19		----	----	1.6229	+	0.0207	----	----	43	UNCH
OCT19		----	----	1.6304	+	0.0207	----	----	43	UNCH
NOV19		----	----	1.6364	+	0.0207	----	----	43	UNCH
DEC19		----	----	1.6439	+	0.0207	----	----	43	UNCH
TOTAL	MP FUT								12819	
RT FUT	NYMEX RBOB GASOLINE FUTURES									
SEP16		----	----	1.3499	+	0.0383	----	----	487	UNCH
OCT16		----	----	1.2536	+	0.0392	----	----	7	UNCH
NOV16		----	----	1.2377	+	0.0377	----	----	255	UNCH
DEC16		----	----	1.2283	+	0.0358	----	----	2241	UNCH

PG61		BULLETIN #148@				ENERGY FUTURES PRODUCTS				wed, Aug 03, 2016				PG61	
		GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST				
RT FUT		NYMEX RBOB GASOLINE FUTURES													
JAN17		----	----		1.2345	+	0.0357	----	----		5	UNCH			
FEB17		----	----		1.2496	+	0.0351	----	----		5	UNCH			
MAR17		----	----		1.2748	+	0.0347	----	----		5	UNCH			
APR17		----	----		1.4673	+	0.0340	----	----		5	UNCH			
MAY17		----	----		1.4765	+	0.0326	----	----		5	UNCH			
JUN17		----	----		1.4741	+	0.0313	----	----		5	UNCH			
JUL17		----	----		1.4655	+	0.0302	----	----		5	UNCH			
AUG17		----	----		1.4518	+	0.0292	----	----		5	UNCH			
SEP17		----	----		1.4311	+	0.0282	----	----		5	UNCH			
OCT17		----	----		1.3112	+	0.0274	----	----		5	UNCH			
NOV17		----	----		1.2884	+	0.0264	----	----		5	UNCH			
DEC17		----	----		1.2751	+	0.0261	----	----		5	UNCH			
TOTAL RT FUT											3050				
UY FUT		NYMEX ULSD VS NYMEX HO													
JUL16		----	----		-0.0283		UNCH	----	----		0	-	65		
AUG16		----	----		-0.0439	-	0.0008	----	----		65	UNCH			
SEP16		----	----		-0.0225	+	0.0020	----	----		65	UNCH			
OCT16		----	----		-0.0195	+	0.0020	----	----		30	UNCH			
NOV16		----	----		-0.0165	+	0.0025	----	----		30	UNCH			
DEC16		----	----		-0.0135	+	0.0035	----	----		30	UNCH			
TOTAL UY FUT											220	-	65		
SF3 FUT		NYM-SINGAPORE FUEL OIL 380CST CRK S													
AUG16		----	----		-9.796	-	0.470	----	----		5	UNCH			
SEP16		----	----		-9.986	-	0.394	----	----		5	UNCH			
TOTAL SF3 FUT											10				
7L FUT		PREM UNL GAS 10 PPM (PLTS) RDM													
JUL16		----	----		453.905		UNCH	----	----		0	-	15		
AUG16		----	----		443.726	+	11.442	----	----		45	UNCH			
SEP16		----	----		444.997	+	14.819	----	----		10	UNCH			
TOTAL 7L FUT											55	-	15		
3G FUT		PREMIUM UNLD 10P FOB MED													
AUG16		----	----		426.092	+	11.449	----	----		151	UNCH			
SEP16		----	----		422.354	+	13.569	----	----		20	UNCH			
OCT16		----	----		416.303	+	12.946	----	----		3	UNCH			
NOV16		----	----		415.294	+	11.772	----	----		3	UNCH			
DEC16		----	----		417.599	+	11.777	----	----		8	UNCH			
TOTAL 3G FUT											185				
8G FUT		PREMIUM UNLEAD 10PPM FOB BLMO													
04JUL16		----	----		438.875		UNCH	----	----		0	-	10		
12JUL16		----	----		436.071		UNCH	----	----		0	-	7		
02AUG16		----	----		426.846	+	11.994	----	----		10	UNCH			
TOTAL 8G FUT											10	-	17		
RL FUT		RBOB CALENDAR FUTURE													
AUG16		----	----		1.3462	+	0.0349	----	----		4671	UNCH			
SEP16		----	----		1.2536	+	0.0392	----	----		1304	UNCH			
OCT16		----	----		1.2377	+	0.0377	----	----		1250	UNCH			
NOV16		----	----		1.2283	+	0.0358	----	----		1142	UNCH			
DEC16		----	----		1.2345	+	0.0357	----	----		1179	UNCH			
JAN17		----	----		1.2496	+	0.0351	----	----		317	UNCH			
FEB17		----	----		1.2748	+	0.0347	----	----		182	UNCH			
MAR17		----	----		1.4673	+	0.0340	----	----		28	UNCH			
APR17		----	----		1.4765	+	0.0326	----	----		7	UNCH			
MAY17		----	----		1.4741	+	0.0313	----	----		7	UNCH			
JUN17		----	----		1.4655	+	0.0302	----	----		8	UNCH			
JUL17		----	----		1.4518	+	0.0292	----	----		8	UNCH			
AUG17		----	----		1.4311	+	0.0282	----	----		8	UNCH			
SEP17		----	----		1.3112	+	0.0274	----	----		8	UNCH			
OCT17		----	----		1.2884	+	0.0264	----	----		6	UNCH			
NOV17		----	----		1.2751	+	0.0261	----	----		6	UNCH			
DEC17		----	----		1.2802	+	0.0258	----	----		6	UNCH			
JAN18		----	----		1.2985	+	0.0261	----	----		23	UNCH			
FEB18		----	----		1.3235	+	0.0266	----	----		23	UNCH			
MAR18		----	----		1.5340	+	0.0276	----	----		23	UNCH			
APR18		----	----		1.5460	+	0.0280	----	----		23	UNCH			
MAY18		----	----		1.5505	+	0.0280	----	----		23	UNCH			
JUN18		----	----		1.5415	+	0.0275	----	----		23	UNCH			
JUL18		----	----		1.5275	+	0.0270	----	----		23	UNCH			
AUG18		----	----		1.5065	+	0.0265	----	----		23	UNCH			
SEP18		----	----		1.3770	+	0.0260	----	----		23	UNCH			
OCT18		----	----		1.3525	+	0.0255	----	----		23	UNCH			
NOV18		----	----		1.3380	+	0.0250	----	----		23	UNCH			
DEC18		----	----		1.3456	+	0.0250	----	----		23	UNCH			
TOTAL RL FUT											10413				

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ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

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GLOBEX OPEN				GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
RM FUT	RBOB	CRACK	SPREAD									
AUG16		----		----	15.57	+	0.27	----	----	639	UNCH	
SEP16		----		10.80B/9.91A	10.78	+	0.39	----	----	67	UNCH	
OCT16		----		9.39B/7.79A	9.38	+	0.37	----	----	158	UNCH	
NOV16		----		8.29B/7.63A	8.29	+	0.32	----	----	338	UNCH	
DEC16		----			7.90	+	0.37	----	30	288	+	30
JAN17		----			8.00	+	0.38	----	20	85	+	20
FEB17		----			8.64	+	0.39	----	20	85	+	20
MAR17		----			16.32	+	0.40	----	20	85	+	20
APR17		----			16.38	+	0.36	----	----	65		UNCH
MAY17		----			16.00	+	0.32	----	----	65		UNCH
JUN17		----			15.35	+	0.30	----	----	65		UNCH
JUL17		----			14.53	+	0.27	----	----	65		UNCH
AUG17		----			13.41	+	0.24	----	----	65		UNCH
SEP17		----			8.10	+	0.22	----	----	65		UNCH
OCT17		----			6.88	+	0.19	----	----	65		UNCH
NOV17		----			6.07	+	0.18	----	----	65		UNCH
DEC17		----			6.09	+	0.19	----	----	65		UNCH
JAN18		----			6.68	+	0.21	----	----	40		UNCH
FEB18		----			7.55	+	0.25	----	----	40		UNCH
MAR18		----			16.18	+	0.29	----	----	40		UNCH
APR18		----			16.49	+	0.31	----	----	40		UNCH
MAY18		----			16.50	+	0.32	----	----	40		UNCH
JUN18		----			15.96	+	0.32	----	----	40		UNCH
JUL18		----			15.23	+	0.33	----	----	40		UNCH
AUG18		----			14.17	+	0.32	----	----	40		UNCH
SEP18		----			8.55	+	0.30	----	----	40		UNCH
OCT18		----			7.35	+	0.31	----	----	40		UNCH
NOV18		----			6.56	+	0.29	----	----	40		UNCH
DEC18		----			6.78	+	0.30	----	----	40		UNCH
TOTAL RM FUT									90	2810	+	90
1E FUT	RBOB	CRACK	SPREAD	BALMO								
03AUG16		----		----	15.62		NEW	----	25	25	+	25
TOTAL 1E FUT									25	25	+	25
EXR FUT	RBOB	GAS	VS	EUROBOB(ARGUS)	NWE	BRGS						
JUL16		----		----	0.1196		UNCH	----	----	0	-	586
AUG16		----		----	0.1173	+	0.0060	----	----	471		UNCH
SEP16		----		----	0.0207	+	0.0004	----	35	298	+	24
OCT16		----		----	0.0649	+	0.0007	----	15	136	+	15
NOV16		----		----	0.0591	+	0.0014	----	----	81		UNCH
DEC16		----		----	0.0659	+	0.0028	----	8	107		UNCH
JAN17		----		----	0.0632	+	0.0022	----	----	5		UNCH
FEB17		----		----	0.0703	+	0.0024	----	----	5		UNCH
MAR17		----		----	0.2436	+	0.0013	----	----	5		UNCH
TOTAL EXR FUT									58	1108	-	547
RBB FUT	RBOB	GAS	VS.	BRENT	CRCK	SPRD						
AUG16		----		----	13.522	+	0.280	----	----	2859		UNCH
SEP16		----		9.160B/8.280A	9.146	+	0.397	----	332	2072	+	314
OCT16		----		7.950B/6.630A	7.931	+	0.365	----	----	1966		UNCH
NOV16		----		7.090B/6.460A	7.078	+	0.335	----	----	1966		UNCH
DEC16		----			6.856	+	0.362	----	----	2016		UNCH
JAN17		----			7.063	+	0.365	----	----	686		UNCH
FEB17		----			7.712	+	0.389	----	----	686		UNCH
MAR17		----			15.412	+	0.379	----	----	686		UNCH
APR17		----			15.444	+	0.340	----	----	386		UNCH
MAY17		----			14.988	+	0.306	----	----	311		UNCH
JUN17		----			14.297	+	0.289	----	----	386		UNCH
JUL17		----			13.422	+	0.278	----	----	451		UNCH
AUG17		----			12.264	+	0.255	----	----	451		UNCH
SEP17		----			6.959	+	0.242	----	----	451		UNCH
OCT17		----			5.761	+	0.230	----	----	376		UNCH
NOV17		----			4.931	+	0.237	----	----	376		UNCH
DEC17		----			4.851	+	0.245	----	----	376		UNCH
JAN18		----			5.364	+	0.277	----	----	86		UNCH
FEB18		----			6.132	+	0.318	----	----	86		UNCH
MAR18		----			14.676	+	0.380	----	----	86		UNCH
APR18		----			14.919	+	0.416	----	----	86		UNCH
MAY18		----			14.842	+	0.427	----	----	86		UNCH
JUN18		----			14.254	+	0.416	----	----	86		UNCH
JUL18		----			13.478	+	0.405	----	----	86		UNCH
AUG18		----			12.436	+	0.403	----	----	86		UNCH
SEP18		----			6.847	+	0.403	----	----	86		UNCH
OCT18		----			5.686	+	0.402	----	----	86		UNCH
NOV18		----			4.867	+	0.391	----	----	86		UNCH
DEC18		----			4.975	+	0.412	----	----	86		UNCH

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS						Wed, Aug 03, 2016 PG61	
		GLOBAL EX OPEN	GLOBAL EX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL EX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
RBB FUT		RBOB GAS VS. BRENT CRCK SPRD							
TOTAL	RBB FUT						332	17533	+ 314
1D FUT		RBOB GASOLINE BALMO CLNDR							
02AUG16		----	----	1.3482	+ 0.0366	----	----	273	UNCH
TOTAL	1D FUT							273	
RI FUT		RBOB SPREAD (PLATTS)							
JUL16		----	----	-0.0116	UNCH	----	----	0	- 5
AUG16		----	----	-0.0013	+ 0.0008	----	----	5	UNCH
SEP16		----	----	0.0250	UNCH	----	----	5	UNCH
OCT16		----	----	0.0025	UNCH	----	----	6	UNCH
NOV16		----	----	-0.0025	UNCH	----	----	6	UNCH
DEC16		----	----	-0.0150	UNCH	----	----	5	UNCH
JAN17		----	----	-0.0225	UNCH	----	----	3	UNCH
FEB17		----	----	-0.0300	UNCH	----	----	3	UNCH
MAR17		----	----	-0.2000	UNCH	----	----	3	UNCH
APR17		----	----	-0.0175	UNCH	----	----	3	UNCH
MAY17		----	----	-0.0025	UNCH	----	----	2	UNCH
JUN17		----	----	0.0456	+ 0.0011	----	----	3	UNCH
JUL17		----	----	0.0507	+ 0.0010	----	----	3	UNCH
AUG17		----	----	0.0577	+ 0.0010	----	----	3	UNCH
SEP17		----	----	0.1569	+ 0.0008	----	----	3	UNCH
OCT17		----	----	0.0598	+ 0.0010	----	----	3	UNCH
NOV17		----	----	0.0503	+ 0.0003	----	----	2	UNCH
DEC17		----	----	0.0319	+ 0.0003	----	----	2	UNCH
TOTAL	RI FUT							60	- 5
RH FUT		RBOB VS HEATING OIL							
JUL16		----	----	-0.0046	UNCH	----	----	0	- 431
AUG16		----	----	0.0612	+ 0.0089	----	----	740	UNCH
SEP16		----	----	-0.0566	+ 0.0115	----	----	370	UNCH
OCT16		----	----	-0.0940	+ 0.0090	----	50	275	+ 50
NOV16		----	----	-0.1224	+ 0.0067	----	50	275	+ 50
DEC16		----	----	-0.1356	+ 0.0071	----	50	275	+ 50
JAN17		----	----	-0.1333	+ 0.0072	----	----	50	UNCH
FEB17		----	----	-0.1140	+ 0.0076	----	----	50	UNCH
MAR17		----	----	0.0787	+ 0.0074	----	----	50	UNCH
APR17		----	----	0.0828	+ 0.0069	----	50	175	+ 50
MAY17		----	----	0.0724	+ 0.0064	----	50	175	+ 50
JUN17		----	----	0.0535	+ 0.0060	----	50	175	+ 50
JUL17		----	----	0.0283	+ 0.0055	----	----	100	UNCH
AUG17		----	----	-0.0050	+ 0.0051	----	----	100	UNCH
SEP17		----	----	-0.1373	+ 0.0050	----	----	100	UNCH
TOTAL	RH FUT						300	2910	- 131
BFR FUT		RME BIO ARGUS RDM RED VS ICS GAS							
JUL16		----	----	428.334	UNCH	----	----	0	- 5
AUG16		----	----	486.947	+ 3.352	----	----	5	UNCH
SEP16		----	----	486.000	+ 2.500	----	----	5	UNCH
OCT16		----	----	472.500	UNCH	----	----	5	UNCH
NOV16		----	----	470.750	+ 3.750	----	----	5	UNCH
DEC16		----	----	470.750	+ 3.750	----	----	5	UNCH
TOTAL	BFR FUT							25	- 5
MSD FUT		SG VISCOSITY SPREAD BALMO							
04JUL16		----	----	6.780	UNCH	----	----	0	- 5
TOTAL	MSD FUT							0	- 5
EVC FUT		SING 380 FUEL OIL VS FUEL OIL ROTDM							
JUL16		----	----	11.83	UNCH	----	----	0	- 713
AUG16		----	----	8.78	- 0.11	----	----	637	UNCH
SEP16		----	----	14.00	- 0.29	----	----	439	+ 3
OCT16		----	----	14.75	- 0.60	----	5	451	+ 5
NOV16		----	----	15.06	- 0.50	----	----	361	UNCH
DEC16		----	----	15.25	- 0.25	----	----	549	UNCH
JAN17		----	----	14.00	- 0.50	----	----	468	UNCH
FEB17		----	----	14.00	- 0.50	----	----	200	UNCH
MAR17		----	----	14.00	- 0.50	----	----	199	UNCH
APR17		----	----	14.05	- 0.31	----	----	116	UNCH
MAY17		----	----	14.09	- 0.13	----	----	116	UNCH
JUN17		----	----	14.25	UNCH	----	----	116	UNCH
JUL17		----	----	14.28	UNCH	----	----	46	UNCH
AUG17		----	----	14.56	UNCH	----	----	46	UNCH
SEP17		----	----	14.58	- 0.05	----	----	46	UNCH
OCT17		----	----	14.85	+ 0.04	----	----	23	UNCH
NOV17		----	----	15.25	UNCH	----	----	23	UNCH
DEC17		----	----	15.91	- 0.12	----	----	23	UNCH
JAN18		----	----	15.06	- 0.26	----	----	3	UNCH
FEB18		----	----	15.22	- 0.13	----	----	3	UNCH

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		GLOBEX OPEN			GLOBEX HIGH/LOW			SETT. PRICE & PT. CHGE			GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST	
EVC FUT		SING	380 FUEL	OIL	VS	FUEL	OIL	ROTD	M							
MAR18			----			----		15.37	-	0.14	----		----		3	UNCH
APR18			----			----		15.53	-	0.13	----		----		3	UNCH
MAY18			----			----		15.94	-	0.13	----		----		3	UNCH
JUN18			----			----		16.47	-	0.13	----		----		3	UNCH
JUL18			----			----		16.38	-	0.05	----		----		3	UNCH
AUG18			----			----		16.29	-	0.10	----		----		3	UNCH
SEP18			----			----		16.44	-	0.03	----		----		3	UNCH
OCT18			----			----		16.60	-	0.07	----		----		3	UNCH
NOV18			----			----		16.89	-	0.11	----		----		3	UNCH
DEC18			----			----		17.17	-	0.16	----		----		3	UNCH
JAN19			----			----		16.08	-	0.21	----		----		5	UNCH
FEB19			----			----		15.86	-	0.26	----		----		5	UNCH
MAR19			----			----		15.77	-	0.18	----		----		5	UNCH
APR19			----			----		15.81	-	0.22	----		----		5	UNCH
MAY19			----			----		15.97	-	0.14	----		----		5	UNCH
JUN19			----			----		16.13	-	0.18	----		----		5	UNCH
JUL19			----			----		16.16	-	0.36	----		----		5	UNCH
AUG19			----			----		16.19	-	0.54	----		----		5	UNCH
SEP19			----			----		16.23	-	0.72	----		----		5	UNCH
OCT19			----			----		16.26	-	0.90	----		----		5	UNCH
NOV19			----			----		16.30	-	1.07	----		----		5	UNCH
DEC19			----			----		16.33	-	1.25	----		----		5	UNCH
TOTAL	EVC FUT												5		3955	- 705
SINGAPORE 180CST BALMO																
05JUL16			----			----		240.646		UNCH	----		----		0	- 5
14JUL16			----			----		236.537		UNCH	----		----		0	- 10
03AUG16			----			----		216.902		NEW	----		5		5	+
TOTAL	BS FUT												5		5	- 10
SINGAPORE 380CST BALMO																
04JUL16			----			----		234.693		UNCH	----		----		0	- 40
05JUL16			----			----		233.843		UNCH	----		----		0	- 20
07JUL16			----			----		233.302		UNCH	----		----		0	- 15
08JUL16			----			----		232.232		UNCH	----		----		0	- 20
11JUL16			----			----		231.610		UNCH	----		----		0	- 5
13JUL16			----			----		230.277		UNCH	----		----		0	- 15
15JUL16			----			----		228.248		UNCH	----		----		0	- 10
02AUG16			----			----		210.772	+	4.786	----		----		5	UNCH
03AUG16			----			----		210.976	+	5.025	----		10		65	+
TOTAL	BT FUT												10		70	- 115
SINGAPORE 380CST FUEL OIL																
JUL16			----			----		235.20		UNCH	----		----		0	- 1330
AUG16			----			----		210.97	+	4.57	----		----		1537	UNCH
SEP16			----			----		212.88	+	5.43	----		355		1611	+
OCT16			----			----		213.50	+	5.25	----		310		1521	+
NOV16			----			----		214.81	+	5.35	----		----		618	UNCH
DEC16			----			----		216.00	+	5.35	----		----		788	UNCH
JAN17			----			----		218.00	+	5.23	----		----		400	UNCH
FEB17			----			----		220.13	+	5.35	----		----		420	UNCH
MAR17			----			----		222.13	+	5.35	----		----		505	UNCH
APR17			----			----		224.17	+	5.54	----		15		40	+
MAY17			----			----		226.22	+	5.73	----		15		85	+
JUN17			----			----		228.25	+	5.73	----		15		96	+
JUL17			----			----		230.28	+	5.73	----		15		27	+
AUG17			----			----		232.31	+	5.73	----		15		27	+
SEP17			----			----		234.08	+	5.68	----		15		27	+
DEC17			----			----		239.66	+	5.47	----		----		80	UNCH
TOTAL	SE FUT												755		7782	- 1149
SINGAPORE FUEL 180CST CAL																
AUG16			----			----		216.96	+	4.58	----		----		421	UNCH
SEP16			----			----		218.38	+	5.60	----		20		331	+
OCT16			----			----		219.25	+	5.10	----		10		134	+
NOV16			----			----		221.00	+	5.35	----		5		49	+
DEC16			----			----		222.25	+	5.35	----		----		206	UNCH
JAN17			----			----		224.25	+	5.23	----		----		185	UNCH
FEB17			----			----		226.38	+	5.35	----		----		3	UNCH
MAR17			----			----		228.38	+	5.35	----		----		3	UNCH
APR17			----			----		230.69	+	5.54	----		----		5	UNCH
MAY17			----			----		233.00	+	5.73	----		----		5	UNCH
JUN17			----			----		235.17	+	5.73	----		----		5	UNCH
JUL17			----			----		237.33	+	5.73	----		----		3	UNCH
AUG17			----			----		239.50	+	5.73	----		----		3	UNCH
SEP17			----			----		241.46	+	5.68	----		----		3	UNCH
OCT17			----			----		243.42	+	5.64	----		----		3	UNCH

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ENERGY FUTURES PRODUCTS

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		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
UA FUT		SINGAPORE FUEL 180CST CAL									
NOV17		----	----	245.38	+	5.60	----	----	3	UNCH	
DEC17		----	----	247.54	+	5.49	----	----	8	UNCH	
TOTAL UA FUT								35	1370 +	30	
SD FUT		SINGAPORE FUEL OIL SPREAD									
JUL16		----	----	6.85		UNCH	----	----	0 -	437	
AUG16		----	----	5.99	+	0.01	----	----	622	UNCH	
SEP16		----	----	5.50	+	0.17	----	5	215 +	1	
OCT16		----	----	5.75	-	0.15	----	110	237 +	110	
NOV16		----	----	6.19		UNCH	----	----	62	UNCH	
DEC16		----	----	6.25		UNCH	----	----	81	UNCH	
JAN17		----	----	6.25		UNCH	----	----	11	UNCH	
FEB17		----	----	6.25		UNCH	----	----	11	UNCH	
MAR17		----	----	6.25		UNCH	----	----	11	UNCH	
APR17		----	----	6.52		UNCH	----	----	46	UNCH	
MAY17		----	----	6.78		UNCH	----	----	46	UNCH	
JUN17		----	----	6.92		UNCH	----	----	46	UNCH	
JUL17		----	----	7.05		UNCH	----	----	21	UNCH	
AUG17		----	----	7.19		UNCH	----	----	21	UNCH	
SEP17		----	----	7.38		UNCH	----	----	21	UNCH	
OCT17		----	----	7.56		UNCH	----	----	1	UNCH	
NOV17		----	----	7.75		UNCH	----	----	1	UNCH	
DEC17		----	----	7.88	+	0.02	----	----	1	UNCH	
JAN18		----	----	8.01	+	0.04	----	2	3 +	2	
FEB18		----	----	8.14	+	0.06	----	2	3 +	2	
MAR18		----	----	8.27	+	0.08	----	2	3 +	2	
APR18		----	----	8.40	+	0.10	----	2	3 +	2	
MAY18		----	----	8.53	+	0.12	----	2	3 +	2	
JUN18		----	----	8.66	+	0.14	----	2	3 +	2	
JUL18		----	----	8.69	+	0.14	----	2	3 +	2	
AUG18		----	----	8.72	+	0.15	----	2	3 +	2	
SEP18		----	----	8.74	+	0.15	----	2	3 +	2	
OCT18		----	----	8.77	+	0.15	----	2	3 +	2	
NOV18		----	----	8.80	+	0.16	----	2	3 +	2	
DEC18		----	----	8.83	+	0.16	----	2	3 +	2	
TOTAL SD FUT								139	1490 -	302	
SG FUT		SINGAPORE GASOIL									
JUL16		----	----	54.28		UNCH	----	----	0 -	2828	
AUG16		----	----	48.23	+	0.55	----	60	3060	UNCH	
SEP16		----	----	48.62	+	0.61	----	25	2421 +	25	
OCT16		----	----	49.19	+	0.63	----	----	775	UNCH	
NOV16		----	----	49.65	+	0.64	----	----	700	UNCH	
DEC16		----	----	50.10	+	0.65	----	----	675	UNCH	
JAN17		----	----	50.58	+	0.63	----	----	624	UNCH	
FEB17		----	----	51.14	+	0.64	----	----	724	UNCH	
MAR17		----	----	51.66	+	0.66	----	----	708	UNCH	
APR17		----	----	52.08	+	0.66	----	----	309	UNCH	
MAY17		----	----	52.55	+	0.65	----	----	409	UNCH	
JUN17		----	----	53.13	+	0.64	----	----	309	UNCH	
JUL17		----	----	53.48	+	0.67	----	----	209	UNCH	
AUG17		----	----	53.98	+	0.68	----	----	9	UNCH	
SEP17		----	----	54.44	+	0.70	----	----	9	UNCH	
OCT17		----	----	54.59	+	0.69	----	----	9	UNCH	
NOV17		----	----	54.78	+	0.66	----	----	9	UNCH	
DEC17		----	----	55.11	+	0.65	----	----	9	UNCH	
TOTAL SG FUT								85	10968 -	2803	
VU FUT		SINGAPORE GASOIL BALMO									
05JUL16		----	----	53.811		UNCH	----	----	0 -	240	
15JUL16		----	----	52.442		UNCH	----	----	0 -	275	
31AUG16		----	----	48.263	+	0.648	----	----	240	UNCH	
TOTAL VU FUT									240 -	515	
GA FUT		SINGAPORE GASOIL VS ICE									
JUL16		----	----	-0.18		UNCH	----	----	0 -	550	
AUG16		----	----	-1.03	-	0.18	----	----	600	UNCH	
SEP16		----	----	-1.70	-	0.12	----	----	620	UNCH	
OCT16		----	----	-1.86	-	0.05	----	----	925	UNCH	
NOV16		----	----	-1.98	-	0.03	----	----	925	UNCH	
DEC16		----	----	-2.16	-	0.03	----	----	925	UNCH	
JAN17		----	----	-2.33	-	0.02	----	----	560	UNCH	
FEB17		----	----	-2.36	-	0.02	----	----	560	UNCH	
MAR17		----	----	-2.35	-	0.01	----	----	560	UNCH	
APR17		----	----	-2.35	+	0.01	----	25	209 -	25	
MAY17		----	----	-2.35	+	0.01	----	25	209 -	25	
JUN17		----	----	-2.35	+	0.01	----	25	209 -	25	

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		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
GA FUT		SINGAPORE GASOIL VS ICE									
JUL17		----	----	-2.55	+	0.01	----	----	134	UNCH	
AUG17		----	----	-2.55	+	0.01	----	----	134	UNCH	
SEP17		----	----	-2.55	+	0.01	----	----	134	UNCH	
OCT17		----	----	-2.69	+	0.01	----	----	234	UNCH	
NOV17		----	----	-2.69	+	0.01	----	----	234	UNCH	
DEC17		----	----	-2.69	+	0.01	----	----	234	UNCH	
TOTAL	GA FUT							75	7406	- 625	
RK FUT		SINGAPORE JET KERO GASOIL									
JUL16		----	----	0.105		UNCH	----	----	0	- 250	
AUG16		----	----	0.708	+	0.231	----	----	300	UNCH	
SEP16		----	----	1.050	+	0.200	----	25	350	UNCH	
OCT16		----	----	1.180	+	0.180	----	----	150	UNCH	
NOV16		----	----	1.310	+	0.170	----	----	200	UNCH	
DEC16		----	----	1.390	+	0.150	----	----	350	UNCH	
JAN17		----	----	1.460	+	0.130	----	----	110	UNCH	
FEB17		----	----	1.450	+	0.100	----	----	110	UNCH	
MAR17		----	----	1.450	+	0.100	----	----	110	UNCH	
APR17		----	----	1.380	+	0.030	----	----	10	UNCH	
MAY17		----	----	1.380	+	0.030	----	----	10	UNCH	
JUN17		----	----	1.380	+	0.030	----	----	10	UNCH	
JUL17		----	----	1.710	+	0.010	----	----	10	UNCH	
AUG17		----	----	1.710	+	0.010	----	----	10	UNCH	
SEP17		----	----	1.710	+	0.010	----	----	10	UNCH	
OCT17		----	----	1.890	-	0.010	----	----	60	UNCH	
NOV17		----	----	1.890	-	0.010	----	----	60	UNCH	
DEC17		----	----	1.890	-	0.010	----	----	60	UNCH	
TOTAL	RK FUT							25	1920	- 250	
KS FUT		SINGAPORE JET KEROSENE									
JUL16		----	----	54.39		UNCH	----	----	0	- 115	
AUG16		----	----	48.94	+	0.78	----	----	500	UNCH	
SEP16		----	----	49.67	+	0.81	----	----	530	UNCH	
OCT16		----	----	50.37	+	0.81	----	----	115	UNCH	
NOV16		----	----	50.96	+	0.81	----	----	115	UNCH	
DEC16		----	----	51.49	+	0.80	----	----	65	UNCH	
JAN17		----	----	52.04	+	0.76	----	----	106	UNCH	
FEB17		----	----	52.59	+	0.74	----	----	106	UNCH	
MAR17		----	----	53.11	+	0.76	----	----	6	UNCH	
APR17		----	----	53.46	+	0.69	----	----	6	UNCH	
MAY17		----	----	53.93	+	0.68	----	----	6	UNCH	
JUN17		----	----	54.51	+	0.67	----	----	6	UNCH	
TOTAL	KS FUT								1561	- 115	
V0 FUT		SINGAPORE MOGAS 95									
JUL16		----	----	51.939		UNCH	----	----	25	UNCH	
AUG16		----	----	49.761	+	1.514	----	----	25	UNCH	
SEP16		----	----	50.600	+	1.896	----	----	25	UNCH	
OCT16		----	----	51.124	+	1.841	----	----	25	UNCH	
NOV16		----	----	51.753	+	1.800	----	----	25	UNCH	
DEC16		----	----	52.258	+	1.699	----	----	25	UNCH	
TOTAL	V0 FUT								150		
SMU FUT		SINGAPORE MOGAS95-SINGAPORE MOGAS92									
JUL16		----	----	2.467		UNCH	----	----	40	UNCH	
TOTAL	SMU FUT								40		
STZ FUT		SINGPORE GASOIL 10PPM V GSOLSPD FUT									
JUL16		----	----	0.621		UNCH	----	----	0	- 60	
AUG16		----	----	0.656	+	0.075	----	----	60	UNCH	
SEP16		----	----	0.700	+	0.030	----	----	60	UNCH	
TOTAL	STZ FUT								120	- 60	
1NB FUT		SPORE MOGAS92 UNLD BRENT SPRD									
JUL16		----	----	2.886		UNCH	----	----	0	- 578	
AUG16		----	----	4.358	+	0.336	----	----	489	UNCH	
SEP16		----	----	4.745	+	0.647	----	75	734	+ 75	
OCT16		----	----	4.722	+	0.623	----	75	666	+ 25	
NOV16		----	----	4.792	+	0.631	----	50	654	+ 50	
DEC16		----	----	4.815	+	0.562	----	50	654	+ 50	
JAN17		----	----	5.074		NEW	----	10	10	+ 10	
FEB17		----	----	5.316		NEW	----	10	10	+ 10	
MAR17		----	----	5.609		NEW	----	10	10	+ 10	
APR17		----	----	5.731	+	0.597	----	----	145	UNCH	
MAY17		----	----	5.619	+	0.471	----	----	145	UNCH	
JUN17		----	----	5.510	+	0.490	----	----	145	UNCH	
TOTAL	1NB FUT							280	3662	- 348	
Z7 FUT		ULSD 10PPM CIF MED VS ICE GAS									
AUG16		----	----	5.063	+	0.389	----	----	23	UNCH	

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		GLOBEX OPEN				GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE			GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST		
Z7 FUT		ULSD 10PPM CIF MED VS ICE GAS															
SEP16		----							5.250	+	0.542	----	----			22	UNCH
OCT16		----							5.750	+	0.167	----	----			15	UNCH
NOV16		----							5.500	+	0.250	----	----			15	UNCH
DEC16		----							5.532	-	0.010	----	----			15	UNCH
TOTAL Z7 FUT															90		
1L FUT		ULSD UP-DOWN BALMO															
05JUL16		----							-0.0508		UNCH	----	----			0 -	775
06JUL16		----							-0.0511		UNCH	----	----			0 -	975
07JUL16		----							-0.0516		UNCH	----	----			0 -	903
08JUL16		----							-0.0520		UNCH	----	----			0 -	635
11JUL16		----							-0.0523		UNCH	----	----			0 -	10
13JUL16		----							-0.0526		UNCH	----	----			0 -	1375
14JUL16		----							-0.0523		UNCH	----	----			0 -	1625
15JUL16		----							-0.0518		UNCH	----	----			0 -	650
18JUL16		----							-0.0509		UNCH	----	----			0 -	900
19JUL16		----							-0.0498		UNCH	----	----			0 -	900
20JUL16		----							-0.0483		UNCH	----	----			0 -	200
21JUL16		----							-0.0464		UNCH	----	----			0 -	200
22JUL16		----							-0.0444		UNCH	----	----			0 -	204
26JUL16		----							-0.0399		UNCH	----	----			0 -	250
02AUG16		----							-0.0494	+	0.0041	----	----			1125	UNCH
03AUG16		----							-0.0490	+	0.0045	----	2100			2300 +	2100
04AUG16		----							-0.0490		NEW	----	100			100 +	100
TOTAL 1L FUT													2200			3525 -	7402
LT FUT		UP DOWN GC ULSD VS NMX HO SPRD															
JUL16		----							-0.0503		UNCH	----	----			0 -	13146
AUG16		----							-0.0500	+	0.0039	----	----			13619	UNCH
SEP16		----							-0.0540	+	0.0020	----	1700			12270 +	450
OCT16		----							-0.0615	+	0.0020	----	275			9259 +	147
NOV16		----							-0.0750	+	0.0025	----	----			4156	UNCH
DEC16		----							-0.0915	+	0.0035	----	500			5768 +	252
JAN17		----							-0.0775	+	0.0025	----	----			1243	UNCH
FEB17		----							-0.0600		UNCH	----	----			1342	UNCH
MAR17		----							-0.0475		UNCH	----	250			2176 +	250
APR17		----							-0.0450	+	0.0025	----	50			1256 +	13
MAY17		----							-0.0460	+	0.0025	----	50			721 +	13
JUN17		----							-0.0470	+	0.0020	----	50			865 +	13
JUL17		----							-0.0460	+	0.0025	----	25			575 +	25
AUG17		----							-0.0460	+	0.0025	----	25			571 +	25
SEP17		----							-0.0460	+	0.0025	----	25			569 +	25
OCT17		----							-0.0550		UNCH	----	----			506	UNCH
NOV17		----							-0.0725		UNCH	----	----			558	UNCH
DEC17		----							-0.0875		UNCH	----	----			558	UNCH
JAN18		----							-0.0775	+	0.0025	----	----			29	UNCH
FEB18		----							-0.0600		UNCH	----	----			29	UNCH
MAR18		----							-0.0475		UNCH	----	----			29	UNCH
APR18		----							-0.0450	+	0.0025	----	----			30	UNCH
MAY18		----							-0.0460	+	0.0025	----	----			30	UNCH
JUN18		----							-0.0470	+	0.0020	----	----			30	UNCH
JUL18		----							-0.0460	+	0.0025	----	----			29	UNCH
AUG18		----							-0.0460	+	0.0025	----	----			29	UNCH
SEP18		----							-0.0460	+	0.0025	----	----			29	UNCH
OCT18		----							-0.0575		UNCH	----	----			29	UNCH
NOV18		----							-0.0750		UNCH	----	----			29	UNCH
DEC18		----							-0.0900		UNCH	----	----			29	UNCH
TOTAL LT FUT													2950			56363 -	11933

NGL/PETROCHEM FUTURES PRODUCTS

		GLOBEX OPEN				GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE			GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST	
91 FUT		ARGS	FAR	E	NDX	VS	EUR	CIF ARA								
AUG16			----				----		16.841	+	0.818	----	----		82	UNCH
SEP16			----				----		18.100	-	0.483	----	8		46 +	6
OCT16			----				----		20.100	+	0.683	----	2		59	UNCH
NOV16			----				----		20.225	+	0.308	----	2		56	UNCH
DEC16			----				----		20.125	-	0.292	----	2		56	UNCH
JAN17			----				----		18.875	-	0.708	----	2		6 +	2
FEB17			----				----		20.875	+	2.958	----	2		6 +	2
MAR17			----				----		19.875	+	2.958	----	2		6 +	2
APR17			----				----		20.500	+	4.562	----	----		4	UNCH
MAY17			----				----		20.000	+	4.062	----	----		4	UNCH
JUN17			----				----		19.000	+	0.125	----	----		4	UNCH

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GLOBEX OPEN										GLOBEX HIGH/LOW			SETT. PRICE & PT. CHGE			GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST	
91 FUT		ARGS FAR E NDX VS EUR CIF ARA																			
JUL17		----								----		19.500 + 4.500		----		----		4 UNCH			
AUG17		----								----		21.000 + 4.000		----		----		4 UNCH			
SEP17		----								----		23.000 + 2.417		----		----		4 UNCH			
OCT17		----								----		25.500 + 2.250		----		----		4 UNCH			
NOV17		----								----		28.000 + 2.083		----		----		4 UNCH			
DEC17		----								----		30.000 + 1.417		----		----		4 UNCH			
TOTAL 91 FUT																20		353 + 12			
7E FUT		ARGUS PROPAN FAR EST INDEX																			
JUL16		----								----		305.350 UNCH		----		----		0 - 381			
AUG16		----								----		283.317 + 9.058		----		----		443 UNCH			
SEP16		----								----		297.470 + 11.637		----		90		304 + 12			
OCT16		----								----		306.410 + 11.543		----		62		343 + 34			
NOV16		----								----		313.285 + 11.048		----		9		283 + 3			
DEC16		----								----		320.005 + 10.318		----		3		287 + 3			
JAN17		----								----		324.455 + 9.302		----		2		62 UNCH			
FEB17		----								----		322.375 + 10.558		----		2		59 UNCH			
MAR17		----								----		315.765 + 9.278		----		2		52 UNCH			
APR17		----								----		308.620 + 10.752		----		1		38 UNCH			
MAY17		----								----		307.190 + 10.892		----		1		38 UNCH			
JUN17		----								----		310.120 + 8.145		----		1		38 UNCH			
JUL17		----								----		315.100 + 12.250		----		1		13 + 1			
AUG17		----								----		321.020 + 11.230		----		1		13 + 1			
SEP17		----								----		329.050 + 10.467		----		1		13 + 1			
OCT17		----								----		337.180 + 10.720		----		1		10 + 1			
NOV17		----								----		345.380 + 11.043		----		1		10 + 1			
DEC17		----								----		352.720 + 10.377		----		1		10 + 1			
TOTAL 7E FUT																179		2016 - 323			
9N FUT		ARGUS PROPAN(SAUDI ARAMCO)																			
AUG16		----								----		285.000 UNCH		----		----		0 - 268			
SEP16		----								----		279.998 + 10.481		----		16		243 UNCH			
OCT16		----								----		285.998 + 9.731		----		16		177 UNCH			
NOV16		----								----		293.998 + 10.065		----		20		161 UNCH			
DEC16		----								----		301.998 + 10.398		----		10		180 UNCH			
JAN17		----								----		308.998 + 11.065		----		----		54 UNCH			
FEB17		----								----		308.998 + 12.997		----		----		9 UNCH			
MAR17		----								----		300.998 + 8.497		----		----		13 UNCH			
TOTAL 9N FUT																62		837 - 268			
22 FUT		ARGUS PROPANE FAR E INDX BALMO																			
08JUL16		----								----		302.406 UNCH		----		----		0 - 3			
11JUL16		----								----		301.800 UNCH		----		----		0 - 4			
18JUL16		----								----		296.800 UNCH		----		----		0 - 3			
20JUL16		----								----		293.750 UNCH		----		----		0 - 5			
03AUG16		----								----		284.424 + 9.964		----		----		8 UNCH			
04AUG16		----								----		284.920 NEW		----		3		3 + 3			
TOTAL 22 FUT																3		11 - 12			
8L FUT		CONWAY NAT GASOLINE																			
JUL16		----								----		0.94050 UNCH		----		----		103 UNCH			
AUG16		----								----		0.86451 + 0.01391		----		----		88 UNCH			
SEP16		----								----		0.88000 + 0.01500		----		----		60 UNCH			
OCT16		----								----		0.89000 + 0.01500		----		----		114 UNCH			
NOV16		----								----		0.89750 + 0.01500		----		----		114 UNCH			
DEC16		----								----		0.90500 + 0.01500		----		----		115 UNCH			
JAN17		----								----		0.91250 + 0.01750		----		----		35 UNCH			
FEB17		----								----		0.91750 + 0.01750		----		----		35 UNCH			
MAR17		----								----		0.91750 + 0.01750		----		----		35 UNCH			
APR17		----								----		0.93250 + 0.01750		----		----		5 UNCH			
MAY17		----								----		0.93250 + 0.01750		----		----		5 UNCH			
TOTAL 8L FUT																		709			
8M FUT		CONWAY NORMAL BUTANE																			
JUL16		----								----		0.57922 UNCH		----		----		15 UNCH			
AUG16		----								----		0.53185 + 0.00805		----		----		15 UNCH			
SEP16		----								----		0.54875 + 0.00875		----		----		15 UNCH			
OCT16		----								----		0.56875 + 0.00875		----		----		10 UNCH			
NOV16		----								----		0.58500 + 0.00875		----		40		30 + 20			
DEC16		----								----		0.59750 + 0.00875		----		40		30 + 20			
JAN17		----								----		0.63500 + 0.01000		----		----		15 UNCH			
FEB17		----								----		0.61000 + 0.01000		----		----		15 UNCH			
MAR17		----								----		0.61000 + 0.01000		----		----		15 UNCH			
APR17		----								----		0.56125 + 0.01500		----		----		15 UNCH			
MAY17		----								----		0.56125 + 0.01500		----		----		15 UNCH			
JUN17		----								----		0.56125 + 0.01500		----		----		15 UNCH			
JUL17		----								----		0.58250 + 0.02125		----		----		15 UNCH			
AUG17		----								----		0.58250 + 0.02125		----		----		15 UNCH			

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GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
8M FUT	CONWAY NORMAL BUTANE							
SEP17	----	----	0.58250	+ 0.02125	----	----	15	UNCH
OCT17	----	----	0.58737	+ 0.01542	----	----	15	UNCH
NOV17	----	----	0.58737	+ 0.01542	----	----	15	UNCH
DEC17	----	----	0.58737	+ 0.01542	----	----	15	UNCH
TOTAL 8M FUT						80	295 +	40
CPB FUT	CONWAY PROPANE (OPIS) BALMO							
07JUL16	----	----	0.41890	UNCH	----	----	0 -	10
12JUL16	----	----	0.41121	UNCH	----	----	0 -	5
02AUG16	----	----	0.36395	+ 0.00645	----	----	150	UNCH
03AUG16	----	----	0.36417	+ 0.00667	----	----	122	UNCH
04AUG16	----	----	0.36417	NEW	----	120	70 +	70
TOTAL CPB FUT						120	342 +	55
8K FUT	CONWAY PROPANE 5 DEC.							
JUL16	----	----	0.42581	UNCH	----	----	0 -	1452
AUG16	----	----	0.36378	+ 0.00617	----	----	1639	UNCH
SEP16	----	----	0.39208	+ 0.00708	----	20	1643	UNCH
OCT16	----	----	0.42042	+ 0.00709	----	7	1023 +	7
NOV16	----	----	0.44750	+ 0.00667	----	7	942 +	7
DEC16	----	----	0.47375	+ 0.00708	----	7	1630 +	5
JAN17	----	----	0.48417	+ 0.00709	----	7	1326 +	7
FEB17	----	----	0.47833	+ 0.00791	----	7	1235 +	7
MAR17	----	----	0.45333	+ 0.00791	----	7	1143 +	5
APR17	----	----	0.43625	+ 0.00750	----	----	297	UNCH
MAY17	----	----	0.43375	+ 0.00750	----	----	299	UNCH
JUN17	----	----	0.43833	+ 0.00791	----	----	299	UNCH
JUL17	----	----	0.45000	+ 0.00792	----	----	244	UNCH
AUG17	----	----	0.46208	+ 0.00791	----	----	244	UNCH
SEP17	----	----	0.47417	+ 0.00792	----	----	256	UNCH
OCT17	----	----	0.48750	+ 0.00792	----	----	296	UNCH
NOV17	----	----	0.50083	+ 0.00791	----	----	308	UNCH
DEC17	----	----	0.51417	+ 0.00792	----	----	338	UNCH
JAN18	----	----	0.52125	+ 0.00750	----	----	71	UNCH
FEB18	----	----	0.51250	+ 0.00750	----	----	64	UNCH
MAR18	----	----	0.47625	+ 0.00750	----	----	40	UNCH
APR18	----	----	0.45000	+ 0.00750	----	----	12	UNCH
MAY18	----	----	0.44625	+ 0.00750	----	----	10	UNCH
JUN18	----	----	0.45125	+ 0.00750	----	----	10	UNCH
JUL18	----	----	0.45875	+ 0.00750	----	----	10	UNCH
AUG18	----	----	0.46875	+ 0.00750	----	----	10	UNCH
SEP18	----	----	0.48000	+ 0.00750	----	----	10	UNCH
OCT18	----	----	0.49250	+ 0.00750	----	----	10	UNCH
NOV18	----	----	0.50500	+ 0.00750	----	----	10	UNCH
DEC18	----	----	0.51750	+ 0.00750	----	----	185	UNCH
TOTAL 8K FUT						62	13604 -	1414
32 FUT	EUR PROPANE CIF ARA ARGUS BALMO							
04JUL16	----	----	287.48	UNCH	----	----	0 -	5
05JUL16	----	----	286.82	UNCH	----	----	0 -	2
07JUL16	----	----	285.94	UNCH	----	----	0 -	7
08JUL16	----	----	285.34	UNCH	----	----	0 -	9
11JUL16	----	----	284.77	UNCH	----	----	0 -	5
13JUL16	----	----	283.19	UNCH	----	----	0 -	3
21JUL16	----	----	277.00	UNCH	----	----	0 -	4
22JUL16	----	----	276.00	UNCH	----	----	0 -	4
25JUL16	----	----	275.50	UNCH	----	----	0 -	6
02AUG16	----	----	266.90	+ 8.63	----	3	7	UNCH
03AUG16	----	----	267.52	+ 9.06	----	7	13 +	7
04AUG16	----	----	267.92	NEW	----	7	7 +	7
TOTAL 32 FUT						17	27 -	31
PS FUT	EURO PROPANE CIF ARA							
JUL16	----	----	288.00	UNCH	----	----	0 -	220
AUG16	----	----	266.48	+ 8.24	----	----	328	UNCH
SEP16	----	----	279.37	+ 12.12	----	26	237 +	12
OCT16	----	----	286.31	+ 10.86	----	15	252 +	10
NOV16	----	----	293.06	+ 10.74	----	----	201	UNCH
DEC16	----	----	299.88	+ 10.61	----	----	217	UNCH
JAN17	----	----	305.58	+ 10.01	----	2	53 -	1
FEB17	----	----	301.50	+ 7.60	----	10	65 +	5
MAR17	----	----	295.89	+ 6.32	----	10	51	UNCH
APR17	----	----	288.12	+ 6.19	----	2	30 +	2
MAY17	----	----	287.19	+ 6.83	----	2	30 +	2
JUN17	----	----	291.12	+ 8.02	----	2	30 +	2
JUL17	----	----	295.60	+ 7.75	----	----	6	UNCH
AUG17	----	----	300.02	+ 7.23	----	----	6	UNCH

PG61 BULLETIN #148@				ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61			
		LOBEX OPEN		LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
PS FUT	EURO PROPANE CIF ARA										
SEP17		----		----	306.05	+ 8.05	----	----	6	UNCH	
OCT17		----		----	311.68	+ 8.47	----	----	8	UNCH	
NOV17		----		----	317.38	+ 8.96	----	----	8	UNCH	
DEC17		----		----	322.72	+ 8.96	----	----	8	UNCH	
JAN18		----		----	331.53	+ 7.77	----	----	2	UNCH	
FEB18		----		----	325.63	+ 7.77	----	----	2	UNCH	
MAR18		----		----	314.81	+ 7.59	----	----	2	UNCH	
APR18		----		----	303.60	+ 7.46	----	----	1	UNCH	
MAY18		----		----	304.90	+ 8.97	----	----	1	UNCH	
JUN18		----		----	306.99	+ 8.97	----	----	1	UNCH	
TOTAL PS FUT								69	1545 -	188	
HPE FUT	HDPE HD POLYETHYLENE (PCW)										
JUL16		----		----	0.46900	UNCH	----	----	0 -	4	
AUG16		----		----	0.46924	+ 0.00799	----	----	4	UNCH	
SEP16		----		----	0.47000	+ 0.00875	----	----	4	UNCH	
OCT16		----		----	0.47000	+ 0.00875	----	----	4	UNCH	
NOV16		----		----	0.47000	+ 0.00875	----	----	4	UNCH	
DEC16		----		----	0.47000	+ 0.00875	----	----	4	UNCH	
TOTAL HPE FUT									20 -	4	
8C FUT	MT BELIVIEU ETHANE BALMO										
05JUL16		----		----	0.19033	UNCH	----	----	0 -	50	
12JUL16		----		----	0.18781	UNCH	----	----	0 -	60	
TOTAL 8C FUT									0 -	110	
80 FUT	MT BELIVIEU LDH PROPANE BALMO										
06JUL16		----		----	0.47444	UNCH	----	----	0 -	368	
07JUL16		----		----	0.47349	UNCH	----	----	0 -	90	
08JUL16		----		----	0.47230	UNCH	----	----	0 -	35	
11JUL16		----		----	0.47108	UNCH	----	----	0 -	125	
12JUL16		----		----	0.46924	UNCH	----	----	0 -	50	
13JUL16		----		----	0.46659	UNCH	----	----	0 -	37	
19JUL16		----		----	0.45729	UNCH	----	----	0 -	60	
02AUG16		----		----	0.43739	+ 0.01531	----	----	81	UNCH	
03AUG16		----		----	0.43792	+ 0.01584	----	----	190	UNCH	
TOTAL 80 FUT									271 -	765	
R0 FUT	MT BELIVIEU NAT GASOLINE BALMO										
06JUL16		----		----	0.93931	UNCH	----	----	0 -	5	
07JUL16		----		----	0.93868	UNCH	----	----	0 -	45	
08JUL16		----		----	0.93801	UNCH	----	----	0 -	22	
12JUL16		----		----	0.93933	UNCH	----	----	0 -	10	
03AUG16		----		----	0.95833	+ 0.05916	----	----	60	UNCH	
04AUG16		----		----	0.95833	NEW	----	78	78 +	78	
TOTAL R0 FUT								78	138 -	4	
8J FUT	MT BELIVIEU NORMAL BUTANE BALM										
05JUL16		----		----	0.61806	UNCH	----	----	0 -	166	
06JUL16		----		----	0.61667	UNCH	----	----	0 -	65	
08JUL16		----		----	0.61449	UNCH	----	----	0 -	120	
11JUL16		----		----	0.61367	UNCH	----	----	0 -	100	
13JUL16		----		----	0.61130	UNCH	----	----	0 -	50	
14JUL16		----		----	0.60984	UNCH	----	----	0 -	30	
18JUL16		----		----	0.60481	UNCH	----	----	0 -	95	
02AUG16		----		----	0.60557	+ 0.01932	----	----	132	UNCH	
04AUG16		----		----	0.60625	NEW	----	15	15 +	15	
TOTAL 8J FUT								15	147 -	611	
C0 FUT	MT BELVIEU ETHANE 5-DCML (OPIS)										
JUL16		----		----	0.19166	UNCH	----	----	0 -	3048	
AUG16		----		----	0.17489	+ 0.00706	----	----	2094	UNCH	
SEP16		----		----	0.19000	+ 0.00792	----	30	2613 +	30	
OCT16		----		----	0.20167	+ 0.00667	----	185	2437 -	20	
NOV16		----		----	0.21292	+ 0.00667	----	185	2487 -	20	
DEC16		----		----	0.22250	+ 0.00625	----	185	2753 -	20	
JAN17		----		----	0.23458	+ 0.00625	----	----	4493	UNCH	
FEB17		----		----	0.24292	+ 0.00584	----	----	4879	UNCH	
MAR17		----		----	0.25125	+ 0.00542	----	----	4864	UNCH	
APR17		----		----	0.25833	+ 0.00458	----	----	3345	UNCH	
MAY17		----		----	0.26542	+ 0.00375	----	----	3570	UNCH	
JUN17		----		----	0.27250	+ 0.00292	----	----	4173	UNCH	
JUL17		----		----	0.27792	+ 0.00292	----	----	1349	UNCH	
AUG17		----		----	0.28333	+ 0.00291	----	----	1349	UNCH	
SEP17		----		----	0.28917	+ 0.00334	----	----	1349	UNCH	
OCT17		----		----	0.29417	+ 0.00334	----	----	1940	UNCH	
NOV17		----		----	0.29917	+ 0.00375	----	----	1940	UNCH	
DEC17		----		----	0.30375	+ 0.00375	----	----	1970	UNCH	
JAN18		----		----	0.30958	+ 0.00375	----	110	1625 +	31	

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ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

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GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
C0 FUT	MT BELVIEU ETHANE 5-DCML (OPIS)							
FEB18	----	----	0.30833	+ 0.00416	----	110	1625 +	31
MAR18	----	----	0.30583	+ 0.00416	----	110	1625 +	31
APR18	----	----	0.30292	+ 0.00417	----	----	1590	UNCH
MAY18	----	----	0.30167	+ 0.00407	----	----	1590	UNCH
JUN18	----	----	0.30417	+ 0.00354	----	----	1590	UNCH
JUL18	----	----	0.30708	+ 0.00458	----	----	1105	UNCH
AUG18	----	----	0.31042	+ 0.00459	----	----	1105	UNCH
SEP18	----	----	0.31375	+ 0.00458	----	----	1105	UNCH
OCT18	----	----	0.31708	+ 0.00458	----	----	1335	UNCH
NOV18	----	----	0.32042	+ 0.00459	----	----	1335	UNCH
DEC18	----	----	0.32375	+ 0.00458	----	----	1335	UNCH
JAN19	----	----	0.33052	+ 0.00484	----	----	855	UNCH
FEB19	----	----	0.32427	+ 0.00484	----	----	855	UNCH
MAR19	----	----	0.31802	+ 0.00484	----	----	855	UNCH
APR19	----	----	0.31177	+ 0.00484	----	----	905	UNCH
MAY19	----	----	0.31052	+ 0.00359	----	----	905	UNCH
JUN19	----	----	0.31302	+ 0.00234	----	----	905	UNCH
JUL19	----	----	0.31552	+ 0.00234	----	----	855	UNCH
AUG19	----	----	0.31802	+ 0.00234	----	----	855	UNCH
SEP19	----	----	0.32052	+ 0.00234	----	----	855	UNCH
OCT19	----	----	0.32302	+ 0.00234	----	----	855	UNCH
NOV19	----	----	0.32552	+ 0.00234	----	----	855	UNCH
DEC19	----	----	0.32802	+ 0.00234	----	----	855	UNCH
JAN20	----	----	0.33349	+ 0.00281	----	----	335	UNCH
FEB20	----	----	0.32724	+ 0.00281	----	----	335	UNCH
MAR20	----	----	0.32099	+ 0.00281	----	----	335	UNCH
APR20	----	----	0.31474	+ 0.00281	----	----	325	UNCH
MAY20	----	----	0.31474	+ 0.00281	----	----	325	UNCH
JUN20	----	----	0.31849	+ 0.00281	----	----	325	UNCH
JUL20	----	----	0.32099	+ 0.00281	----	----	185	UNCH
AUG20	----	----	0.32349	+ 0.00281	----	----	185	UNCH
SEP20	----	----	0.32599	+ 0.00281	----	----	185	UNCH
OCT20	----	----	0.32849	+ 0.00281	----	----	335	UNCH
NOV20	----	----	0.33099	+ 0.00281	----	----	335	UNCH
DEC20	----	----	0.33349	+ 0.00281	----	----	335	UNCH
TOTAL C0 FUT						915	78520 -	2985
MBN FUT	MT BELVIEU ETHYLENE (PCW) FINCL							
AUG16	----	----	0.30902	+ 0.01027	----	----	621	UNCH
SEP16	----	----	0.31375	+ 0.01250	----	----	536	UNCH
OCT16	----	----	0.31125	+ 0.01125	----	40	292 +	10
NOV16	----	----	0.31000	+ 0.01125	----	40	305 +	4
DEC16	----	----	0.30875	+ 0.01125	----	40	312 -	10
JAN17	----	----	0.31250	+ 0.01000	----	----	144	UNCH
FEB17	----	----	0.31375	+ 0.01000	----	----	98	UNCH
MAR17	----	----	0.31500	+ 0.01125	----	----	98	UNCH
APR17	----	----	0.31500	+ 0.01125	----	----	63	UNCH
MAY17	----	----	0.31500	+ 0.01125	----	----	63	UNCH
JUN17	----	----	0.31125	+ 0.01125	----	----	63	UNCH
JUL17	----	----	0.30875	+ 0.01125	----	----	94	UNCH
AUG17	----	----	0.30625	+ 0.01125	----	----	94	UNCH
SEP17	----	----	0.30375	+ 0.01125	----	----	94	UNCH
OCT17	----	----	0.30125	+ 0.01125	----	----	79	UNCH
NOV17	----	----	0.30125	+ 0.01125	----	----	79	UNCH
DEC17	----	----	0.30125	+ 0.01125	----	----	79	UNCH
TOTAL MBN FUT						120	3114 +	4
MBE FUT	MT BELVIEU ETHYLENE IN-WELL (PCW)							
AUG16	----	----	0.31000	+ 0.01125	----	30	650 -	30
SEP16	----	----	0.31375	+ 0.01250	----	----	435	UNCH
OCT16	----	----	0.31125	+ 0.01125	----	----	270	UNCH
NOV16	----	----	0.31000	+ 0.01125	----	30	280	UNCH
DEC16	----	----	0.30875	+ 0.01125	----	----	390	UNCH
JAN17	----	----	0.31250	+ 0.01000	----	10	370 +	10
FEB17	----	----	0.31375	+ 0.01000	----	10	160 +	10
MAR17	----	----	0.31500	+ 0.01125	----	10	150 +	10
APR17	----	----	0.31500	+ 0.01125	----	----	215	UNCH
MAY17	----	----	0.31500	+ 0.01125	----	----	205	UNCH
JUN17	----	----	0.31125	+ 0.01125	----	----	125	UNCH
JUL17	----	----	0.30875	+ 0.01125	----	----	50	UNCH
AUG17	----	----	0.30625	+ 0.01125	----	----	50	UNCH
SEP17	----	----	0.30375	+ 0.01125	----	----	50	UNCH
OCT17	----	----	0.30125	+ 0.01125	----	----	50	UNCH
NOV17	----	----	0.30125	+ 0.01125	----	----	50	UNCH
DEC17	----	----	0.30125	+ 0.01125	----	----	50	UNCH

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ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

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		GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TOTAL	MBE FUT						90		3550
8I FUT		MT BELVIEU ISO BUTANE 5 DEC. S							
AUG16		----	----	0.65802	+ 0.01444	----	----	252	UNCH
SEP16		----	----	0.63042	+ 0.01875	----	----	247	UNCH
OCT16		----	----	0.63875	+ 0.01833	----	----	247	UNCH
NOV16		----	----	0.64875	+ 0.01792	----	----	227	UNCH
DEC16		----	----	0.65750	+ 0.01750	----	----	227	UNCH
JAN17		----	----	0.66375	+ 0.01750	----	----	28	UNCH
FEB17		----	----	0.64875	+ 0.01583	----	----	28	UNCH
MAR17		----	----	0.62500	+ 0.01417	----	----	28	UNCH
APR17		----	----	0.61250	+ 0.01187	----	----	3	UNCH
MAY17		----	----	0.61812	+ 0.01999	----	----	3	UNCH
JUN17		----	----	0.61750	+ 0.01500	----	----	3	UNCH
JUL17		----	----	0.62042	+ 0.01250	----	----	3	UNCH
AUG17		----	----	0.62708	+ 0.01208	----	----	3	UNCH
SEP17		----	----	0.63750	+ 0.01208	----	----	3	UNCH
OCT17		----	----	0.64458	+ 0.01208	----	----	11	UNCH
NOV17		----	----	0.65125	+ 0.01208	----	----	9	UNCH
DEC17		----	----	0.65792	+ 0.01209	----	----	9	UNCH
JAN18		----	----	0.66750	+ 0.01437	----	----	7	UNCH
FEB18		----	----	0.65563	+ 0.01438	----	----	7	UNCH
MAR18		----	----	0.63250	+ 0.01437	----	----	7	UNCH
TOTAL	8I FUT								1352
7Q FUT		MT BELVIEU NAT GAS 5-DCML (OPIS)							
JUL16		----	----	0.94263	UNCH	----	----	0 -	2186
AUG16		----	----	0.95309	+ 0.05416	----	----	1961	UNCH
SEP16		----	----	0.90667	+ 0.02584	----	45	1856 +	30
OCT16		----	----	0.91292	+ 0.02667	----	50	1960 -	5
NOV16		----	----	0.91917	+ 0.02667	----	5	1238 -	2
DEC16		----	----	0.92500	+ 0.02667	----	30	1668 -	5
JAN17		----	----	0.93000	+ 0.02500	----	----	821	UNCH
FEB17		----	----	0.93302	+ 0.02625	----	----	821	UNCH
MAR17		----	----	0.92938	+ 0.02750	----	----	831	UNCH
APR17		----	----	0.92490	+ 0.02625	----	----	714	UNCH
MAY17		----	----	0.92490	+ 0.02625	----	----	684	UNCH
JUN17		----	----	0.92813	+ 0.02750	----	----	780	UNCH
JUL17		----	----	0.93125	+ 0.02750	----	----	526	UNCH
AUG17		----	----	0.93625	+ 0.02750	----	----	519	UNCH
SEP17		----	----	0.94313	+ 0.02750	----	----	499	UNCH
OCT17		----	----	0.94813	+ 0.02750	----	----	494	UNCH
NOV17		----	----	0.95313	+ 0.02750	----	----	569	UNCH
DEC17		----	----	0.95813	+ 0.02750	----	----	632	UNCH
TOTAL	7Q FUT						130	16573 -	2168
MNB FUT		MT BELVIEU NORMAL BUTANE LDH(OPIS)							
JUL16		----	----	0.54978	UNCH	----	----	0 -	315
AUG16		----	----	0.53693	+ 0.00810	----	----	308	UNCH
SEP16		----	----	0.56750	+ 0.01875	----	----	163	UNCH
OCT16		----	----	0.59250	+ 0.01875	----	79	656 -	22
NOV16		----	----	0.60500	+ 0.01875	----	14	425 -	14
DEC16		----	----	0.61375	+ 0.01875	----	----	511	UNCH
JAN17		----	----	0.63375	+ 0.01875	----	----	532	UNCH
FEB17		----	----	0.61500	+ 0.01500	----	----	276	UNCH
MAR17		----	----	0.58875	+ 0.01250	----	----	148	UNCH
TOTAL	MNB FUT						93	3019 -	351
D0 FUT		MT BELVIEU NRM BUTANE 5-DCML (OPIS)							
JUL16		----	----	0.62063	UNCH	----	----	0 -	2350
AUG16		----	----	0.60492	+ 0.01848	----	----	2855	UNCH
SEP16		----	----	0.61417	+ 0.01875	----	70	1970 -	20
OCT16		----	----	0.62583	+ 0.01833	----	219	4370 +	65
NOV16		----	----	0.63583	+ 0.01791	----	164	4405 +	79
DEC16		----	----	0.64458	+ 0.01750	----	150	5549 +	80
JAN17		----	----	0.65250	+ 0.01750	----	55	1973	UNCH
FEB17		----	----	0.63875	+ 0.01625	----	55	1659 +	15
MAR17		----	----	0.61563	+ 0.01500	----	55	1340 +	15
APR17		----	----	0.60250	+ 0.01333	----	20	1561 +	15
MAY17		----	----	0.59668	+ 0.00876	----	20	1273 +	15
JUN17		----	----	0.61000	+ 0.01750	----	20	1273 +	15
JUL17		----	----	0.61000	+ 0.01250	----	5	540	UNCH
AUG17		----	----	0.61625	+ 0.01250	----	5	535 +	5
SEP17		----	----	0.62500	+ 0.01250	----	5	535 +	5
OCT17		----	----	0.63188	+ 0.01250	----	5	641 +	5
NOV17		----	----	0.63875	+ 0.01250	----	5	643 +	5
DEC17		----	----	0.64563	+ 0.01250	----	5	643 +	5
JAN18		----	----	0.65379	+ 0.01285	----	----	30	UNCH

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ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

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		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
DO FUT	MT BELVIEU NRM BUTANE 5-DCML (OPIS)								
FEB18		----	----	0.64004	+ 0.01285	----	----	30	UNCH
MAR18		----	----	0.61754	+ 0.01285	----	----	30	UNCH
APR18		----	----	0.60628	+ 0.01285	----	----	15	UNCH
MAY18		----	----	0.60628	+ 0.01285	----	----	15	UNCH
JUN18		----	----	0.60753	+ 0.01285	----	----	15	UNCH
JUL18		----	----	0.61128	+ 0.01285	----	----	15	UNCH
AUG18		----	----	0.61753	+ 0.01285	----	----	15	UNCH
SEP18		----	----	0.62503	+ 0.01285	----	----	15	UNCH
OCT18		----	----	0.63128	+ 0.01284	----	----	15	UNCH
NOV18		----	----	0.63753	+ 0.01284	----	----	15	UNCH
DEC18		----	----	0.64378	+ 0.01284	----	----	15	UNCH
TOTAL	DO FUT						858	31990	- 2046
B0 FUT	MT BELVIEU PROPANE 5-DCML (OPIS)								
JUL16		----	----	0.47731	UNCH	----	----	0	- 6059
AUG16		----	----	0.43685	+ 0.01464	----	----	6434	UNCH
SEP16		----	----	0.45625	+ 0.01667	----	1265	8501	- 342
OCT16		----	----	0.47375	+ 0.01667	----	1172	9083	+ 147
NOV16		----	----	0.48583	+ 0.01458	----	285	7255	+ 60
DEC16		----	----	0.49500	+ 0.01250	----	535	11992	- 235
JAN17		----	----	0.50583	+ 0.01166	----	574	10596	+ 495
FEB17		----	----	0.50208	+ 0.01041	----	274	9099	+ 112
MAR17		----	----	0.49042	+ 0.00875	----	599	11594	- 112
APR17		----	----	0.48125	+ 0.00833	----	782	3776	- 15
MAY17		----	----	0.47938	+ 0.00521	----	457	4257	- 35
JUN17		----	----	0.48375	+ 0.00583	----	607	5284	- 28
JUL17		----	----	0.48875	+ 0.00458	----	27	2715	- 2
AUG17		----	----	0.49458	+ 0.00416	----	27	3000	+ 3
SEP17		----	----	0.50167	+ 0.00334	----	27	4137	+ 3
OCT17		----	----	0.50792	+ 0.00292	----	302	3498	+ 273
NOV17		----	----	0.51375	+ 0.00208	----	302	3498	+ 268
DEC17		----	----	0.51958	+ 0.00125	----	302	4088	+ 3
JAN18		----	----	0.52708	+ 0.00125	----	260	2084	UNCH
FEB18		----	----	0.52250	+ 0.00083	----	260	3239	+ 260
MAR18		----	----	0.50333	- 0.00084	----	260	2891	+ 260
APR18		----	----	0.48917	- 0.00083	----	210	1202	+ 210
MAY18		----	----	0.48750	- 0.00042	----	210	1200	+ 210
JUN18		----	----	0.49167	+ 0.00042	----	210	1196	+ 210
JUL18		----	----	0.49667	+ 0.00042	----	10	1054	+ 2
AUG18		----	----	0.50250	UNCH	----	10	1054	+ 2
SEP18		----	----	0.50917	- 0.00041	----	10	1059	+ 5
OCT18		----	----	0.51458	- 0.00084	----	210	1695	- 5
NOV18		----	----	0.52000	- 0.00125	----	210	1705	+ 5
DEC18		----	----	0.52500	- 0.00167	----	210	1735	+ 5
JAN19		----	----	0.53255	- 0.00563	----	----	865	UNCH
FEB19		----	----	0.52755	- 0.00313	----	----	854	UNCH
MAR19		----	----	0.50755	- 0.00063	----	----	854	UNCH
APR19		----	----	0.49255	- 0.00063	----	----	853	UNCH
MAY19		----	----	0.49005	+ 0.00062	----	----	867	UNCH
JUN19		----	----	0.49130	- 0.00188	----	----	852	UNCH
JUL19		----	----	0.49630	- 0.00188	----	----	252	UNCH
AUG19		----	----	0.50130	- 0.00188	----	----	242	UNCH
SEP19		----	----	0.50630	- 0.00188	----	----	240	UNCH
OCT19		----	----	0.51255	- 0.00188	----	----	367	UNCH
NOV19		----	----	0.51880	- 0.00188	----	----	370	UNCH
DEC19		----	----	0.52505	- 0.00188	----	----	369	UNCH
JAN20		----	----	0.53240	- 0.00312	----	----	145	UNCH
FEB20		----	----	0.52865	- 0.00312	----	----	145	UNCH
MAR20		----	----	0.50615	- 0.00312	----	----	145	UNCH
APR20		----	----	0.48865	- 0.00312	----	----	345	UNCH
MAY20		----	----	0.48490	- 0.00312	----	----	345	UNCH
JUN20		----	----	0.48865	- 0.00312	----	----	345	UNCH
JUL20		----	----	0.49365	- 0.00312	----	----	70	UNCH
AUG20		----	----	0.49865	- 0.00312	----	----	70	UNCH
SEP20		----	----	0.50365	- 0.00312	----	----	70	UNCH
OCT20		----	----	0.50990	- 0.00312	----	----	145	UNCH
NOV20		----	----	0.51615	- 0.00312	----	----	145	UNCH
DEC20		----	----	0.52240	- 0.00312	----	----	145	UNCH
TOTAL	B0 FUT						9607	138021	- 4300
1R FUT	PROPANE NON LDH MT BELVIEU								
JUL16		----	----	0.47175	UNCH	----	----	0	- 4314
AUG16		----	----	0.43631	+ 0.01432	----	----	4264	UNCH
SEP16		----	----	0.45625	+ 0.01667	----	465	4056	+ 220
OCT16		----	----	0.47375	+ 0.01667	----	312	1555	+ 62
NOV16		----	----	0.48583	+ 0.01458	----	13	1546	+ 13

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

GLOBEX OPEN				GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
1R FUT	PROPANE NON LDH MT BELVIEU									
DEC16	----			----	0.49500	+ 0.01250	----	----	1678	UNCH
JAN17	----			----	0.50583	+ 0.01166	----	----	644	UNCH
FEB17	----			----	0.50208	+ 0.01041	----	----	644	UNCH
MAR17	----			----	0.49042	+ 0.00875	----	----	644	UNCH
APR17	----			----	0.48125	+ 0.00833	----	----	462	UNCH
MAY17	----			----	0.47938	+ 0.00521	----	----	462	UNCH
JUN17	----			----	0.48375	+ 0.00583	----	----	462	UNCH
JUL17	----			----	0.48875	+ 0.00458	----	----	812	UNCH
AUG17	----			----	0.49458	+ 0.00416	----	----	812	UNCH
SEP17	----			----	0.50167	+ 0.00334	----	----	812	UNCH
OCT17	----			----	0.50792	+ 0.00292	----	----	812	UNCH
NOV17	----			----	0.51375	+ 0.00208	----	----	812	UNCH
DEC17	----			----	0.51958	+ 0.00125	----	----	840	UNCH
JAN18	----			----	0.52708	+ 0.00125	----	----	180	UNCH
FEB18	----			----	0.52250	+ 0.00083	----	----	180	UNCH
MAR18	----			----	0.50333	- 0.00084	----	----	180	UNCH
APR18	----			----	0.48917	- 0.00083	----	----	375	UNCH
MAY18	----			----	0.48750	- 0.00042	----	----	375	UNCH
JUN18	----			----	0.49167	+ 0.00042	----	----	375	UNCH
JUL18	----			----	0.49667	+ 0.00042	----	----	180	UNCH
AUG18	----			----	0.50250	UNCH	----	----	180	UNCH
SEP18	----			----	0.50917	- 0.00041	----	----	180	UNCH
OCT18	----			----	0.51458	- 0.00084	----	----	180	UNCH
NOV18	----			----	0.52000	- 0.00125	----	----	180	UNCH
DEC18	----			----	0.52500	- 0.00167	----	----	180	UNCH
TOTAL 1R FUT								790	24062	- 4019
1S FUT	PROPANE NON LDH MT BLV BALMO									
11JUL16	----			----	0.46563	UNCH	----	----	0	- 225
03AUG16	----			----	0.43792	+ 0.01584	----	----	160	UNCH
TOTAL 1S FUT									160	- 225

ETHANOL FUTURES PRODUCTS

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
CU FUT	CHICAGO ETHANOL								
JUL16	----	----		1.5226	UNCH	----	----	0	- 8498
AUG16	1.3750	1.3810 /1.3750		1.3800 +	0.0125	10	165	7039	+ 47
SEP16	1.3700	1.3825 /1.3600A		1.3750 +	0.0125	70	1310	8714	+ 142
OCT16	----	1.3575B		1.3600 +	0.0125	5	823	4215	+ 221
NOV16	----	1.3375B		1.3400 +	0.0125	----	388	4868	+ 4
DEC16	----	----		1.3200 +	0.0100	----	558	6696	- 14
JAN17	----	----		1.3100 +	0.0100	5	90	2639	+ 30
FEB17	----	----		1.3175 +	0.0100	5	530	1809	+ 38
MAR17	----	----		1.3375 +	0.0100	----	240	1384	+ 10
APR17	----	----		1.3575 +	0.0100	----	175	1343	- 30
MAY17	----	----		1.3675 +	0.0100	----	50	1489	+ 10
JUN17	----	----		1.3700 +	0.0100	----	97	1138	+ 36
JUL17	----	----		1.3675 +	0.0100	----	55	1250	+ 19
AUG17	----	----		1.3625 +	0.0100	----	30	687	+ 30
SEP17	1.3518	1.3525B/1.3460A		1.3525 +	0.0100	2	130	819	+ 77
OCT17	----	----		1.3400 +	0.0100	----	40	546	+ 5
NOV17	----	----		1.3275 +	0.0100	----	60	542	UNCH
DEC17	----	----		1.3175 +	0.0100	----	70	783	+ 15
JUN18	----	----		1.3099 +	0.0100	----	----	2	UNCH
TOTAL	CU FUT					97	4811	45963	- 7858
Z1 FUT	ETHANOL(PL) T2 FOB RTRDM INCL								
JUL16	----	----		526.988	UNCH	----	----	683	UNCH
AUG16	----	----		505.352 -	3.250	----	55	489	UNCH
SEP16	----	----		491.000 -	2.000	----	60	511	+ 20
OCT16	----	----		479.000 -	2.000	----	----	272	UNCH
NOV16	----	----		469.000 -	2.000	----	----	254	UNCH
DEC16	----	----		459.000	UNCH	----	----	204	UNCH
JAN17	----	----		445.000 +	1.000	----	----	80	UNCH
FEB17	----	----		440.000	UNCH	----	----	80	UNCH
MAR17	----	----		440.000	UNCH	----	----	80	UNCH
TOTAL	Z1 FUT						115	2653	+ 20
EZ FUT	NEW YORK ETHANOL								
JUL16	----	----		1.5760	UNCH	----	----	0	- 400
AUG16	----	----		1.4450 +	0.0125	----	----	400	UNCH
SEP16	----	----		1.4500 +	0.0125	----	----	200	UNCH
DEC16	----	----		1.3950 +	0.0100	----	----	250	UNCH
TOTAL	EZ FUT							850	- 400

ELECTRICITY FUTURES PRODUCTS

GLOBEX OPEN			GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
VD FUT	AEP-DAYTON HUB DAILY								
01AUG16	----		----	38.87	UNCH	----	----	0	- 151
02AUG16	----		----	34.97	- 3.53	----	----	151	UNCH
03AUG16	----		----	38.00	UNCH	----	----	151	UNCH
04AUG16	----		----	38.50	- 0.25	----	----	151	UNCH
05AUG16	----		----	39.50	+ 0.75	----	----	151	UNCH



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



PG61 BULLETIN #148@ ENERGY FUTURES PRODUCTS Wed, Aug 03, 2016 PG61

GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
VD FUT	AEP-DAYTON HUB	DAILY							
08AUG16	----	----	38.50	+	3.00	----	----	151	UNCH
09AUG16	----	----	38.50	+	3.00	----	----	151	UNCH
10AUG16	----	----	38.50	+	3.00	----	----	151	UNCH
11AUG16	----	----	38.50	+	3.00	----	----	151	UNCH
12AUG16	----	----	38.50	+	3.00	----	----	151	UNCH
15AUG16	----	----	35.50		UNCH	----	----	151	UNCH
16AUG16	----	----	35.50		UNCH	----	----	151	UNCH
17AUG16	----	----	35.50		UNCH	----	----	151	UNCH
18AUG16	----	----	35.50		UNCH	----	----	151	UNCH
19AUG16	----	----	35.50		UNCH	----	----	151	UNCH
22AUG16	----	----	36.09	-	1.72	----	----	151	UNCH
23AUG16	----	----	36.09	-	1.72	----	----	151	UNCH
24AUG16	----	----	36.09	-	1.72	----	----	151	UNCH
25AUG16	----	----	36.09	-	1.72	----	----	151	UNCH
26AUG16	----	----	36.09	-	1.72	----	----	151	UNCH
29AUG16	----	----	36.09	-	1.72	----	----	151	UNCH
30AUG16	----	----	36.09	-	1.72	----	----	151	UNCH
31AUG16	----	----	36.09	-	1.72	----	----	151	UNCH
TOTAL	VD FUT							3322	- 151
VP FUT	AEP-DAYTON HUB	OFF-PEAK MONTHLY							
JUL16	----	----	23.41		UNCH	----	----	67	UNCH
AUG16	----	----	22.80	-	0.03	----	----	67	UNCH
SEP16	----	----	22.11	+	0.25	----	----	67	UNCH
OCT16	----	----	23.25	+	0.37	----	----	67	UNCH
NOV16	----	----	23.75		UNCH	----	----	67	UNCH
DEC16	----	----	27.93		UNCH	----	----	67	UNCH
JAN17	----	----	35.94	+	0.34	----	----	50	UNCH
FEB17	----	----	31.81	+	0.26	----	----	50	UNCH
MAR17	----	----	28.64	+	0.03	----	----	50	UNCH
APR17	----	----	25.11	+	0.47	----	----	50	UNCH
MAY17	----	----	21.00		UNCH	----	----	50	UNCH
JUN17	----	----	21.15		UNCH	----	----	50	UNCH
JUL17	----	----	24.72	+	0.13	----	----	50	UNCH
AUG17	----	----	22.53	+	0.12	----	----	50	UNCH
SEP17	----	----	21.00		UNCH	----	----	50	UNCH
OCT17	----	----	22.24		UNCH	----	----	50	UNCH
NOV17	----	----	22.85		UNCH	----	----	50	UNCH
DEC17	----	----	25.78		UNCH	----	----	50	UNCH
TOTAL	VP FUT							1002	
VM FUT	AER-DAYTON HUB	MTHLY							
AUG16	----	----	36.84	+	0.03	----	----	77	UNCH
SEP16	----	----	32.60	+	0.21	----	----	77	UNCH
OCT16	----	----	32.25	+	0.20	----	----	77	UNCH
NOV16	----	----	33.03	+	0.30	----	----	77	UNCH
DEC16	----	----	35.35	+	0.27	----	----	77	UNCH
JAN17	----	----	45.27	+	0.44	----	----	70	UNCH
FEB17	----	----	45.83	+	0.01	----	----	70	UNCH
MAR17	----	----	35.26	+	0.24	----	----	70	UNCH
APR17	----	----	33.59	+	0.21	----	----	70	UNCH
MAY17	----	----	34.05	+	0.17	----	----	70	UNCH
JUN17	----	----	34.00	+	0.07	----	----	70	UNCH
JUL17	----	----	40.53	+	0.21	----	----	70	UNCH
AUG17	----	----	39.02	+	0.19	----	----	70	UNCH
SEP17	----	----	32.50	+	0.30	----	----	70	UNCH
OCT17	----	----	30.73	-	0.14	----	----	70	UNCH
NOV17	----	----	31.64	+	0.13	----	----	70	UNCH
DEC17	----	----	35.20	-	0.22	----	----	70	UNCH
TOTAL	VM FUT							1225	
K2 FUT	CIN HUB	5MW D AH O PK							
SEP16	----	----	22.84	+	0.11	----	----	9600	UNCH
OCT16	----	----	24.23		UNCH	----	----	13464	UNCH
NOV16	----	----	24.35		UNCH	----	----	12672	UNCH
DEC16	----	----	27.23		UNCH	----	----	13464	UNCH
JAN17	----	----	35.14	+	0.02	----	----	8160	UNCH
FEB17	----	----	30.56	-	0.02	----	----	7040	UNCH
MAR17	----	----	28.75	-	0.22	----	----	7520	UNCH
APR17	----	----	23.20	+	0.22	----	----	8000	UNCH
MAY17	----	----	22.60		UNCH	----	----	7840	UNCH
JUN17	----	----	22.60		UNCH	----	----	7360	UNCH
JUL17	----	----	26.41		UNCH	----	----	8480	UNCH
AUG17	----	----	23.79		UNCH	----	----	7520	UNCH
SEP17	----	----	22.60		UNCH	----	----	8000	UNCH
OCT17	----	----	24.16		UNCH	----	----	7840	UNCH
NOV17	----	----	24.16		UNCH	----	----	7680	UNCH
DEC17	----	----	27.36		UNCH	----	----	8480	UNCH
JAN18	----	----	35.97	+	0.59	----	----	9800	UNCH
FEB18	----	----	32.83	+	0.56	----	----	8800	UNCH
MAR18	----	----	27.80	-	0.08	----	----	9800	UNCH
APR18	----	----	25.85	-	0.08	----	----	9600	UNCH
MAY18	----	----	22.57	-	0.04	----	----	9800	UNCH
JUN18	----	----	23.39	-	0.04	----	----	9600	UNCH
JUL18	----	----	25.80	-	0.08	----	----	10200	UNCH
AUG18	----	----	25.14	-	0.03	----	----	9400	UNCH
SEP18	----	----	23.44	-	0.04	----	----	10400	UNCH
OCT18	----	----	24.16	-	0.04	----	----	9400	UNCH
NOV18	----	----	24.57	-	0.04	----	----	9600	UNCH
DEC18	----	----	26.47	-	0.08	----	----	10600	UNCH
TOTAL	K2 FUT							260120	
H5 FUT	CIN HUB	5MW D AH PK							
SEP16	----	----	34.20	+	0.34	----	----	777	UNCH
OCT16	----	----	33.90	+	0.35	----	----	966	UNCH
NOV16	----	----	34.33	+	0.70	----	----	756	UNCH
DEC16	----	----	35.55	+	0.30	----	----	693	UNCH
JAN17	----	----	44.38	+	0.38	----	----	735	UNCH
FEB17	----	----	42.72	-	0.08	----	----	700	UNCH
MAR17	----	----	36.73	+	0.18	----	----	828	UNCH
APR17	----	----	36.02	+	0.17	----	----	940	UNCH
MAY17	----	----	35.40	+	0.07	----	----	924	UNCH
JUN17	----	----	35.50	+	0.07	----	----	770	UNCH
JUL17	----	----	42.78	+	0.19	----	----	700	UNCH
AUG17	----	----	39.12	+	0.21	----	----	805	UNCH
SEP17	----	----	34.18	+	0.05	----	----	740	UNCH
OCT17	----	----	32.66	-	0.17	----	----	946	UNCH

GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
H5 FUT	CIN HUB 5MW D AH PK								
NOV17	----	----	34.02	+	0.10	----	----	756	UNCH
DEC17	----	----	36.22	-	0.23	----	----	700	UNCH
JAN18	----	----	45.91	+	0.25	----	----	550	UNCH
FEB18	----	----	42.74	+	0.22	----	----	500	UNCH
MAR18	----	----	37.53	+	0.02	----	----	550	UNCH
APR18	----	----	33.64	+	0.03	----	----	525	UNCH
MAY18	----	----	35.69	+	0.06	----	----	550	UNCH
JUN18	----	----	36.20	+	0.01	----	----	525	UNCH
JUL18	----	----	43.15	+	0.02	----	----	525	UNCH
AUG18	----	----	38.96	+	0.03	----	----	575	UNCH
SEP18	----	----	34.56	+	0.04	----	----	475	UNCH
OCT18	----	----	33.13	+	0.03	----	----	575	UNCH
NOV18	----	----	33.49	+	0.03	----	----	525	UNCH
DEC18	----	----	36.20	+	0.01	----	----	500	UNCH
TOTAL	H5 FUT							19111	
H4 FUT	CIN HUB 5MW REAL TIME O PK								
SEP16	----	----	22.24	+	0.11	----	----	22272	UNCH
OCT16	----	----	23.63		UNCH	----	----	27744	UNCH
NOV16	----	----	23.75		UNCH	----	----	26112	UNCH
DEC16	----	----	26.63		UNCH	----	----	27744	UNCH
JAN17	----	----	34.54	+	0.02	----	----	20808	UNCH
FEB17	----	----	29.96	-	0.02	----	----	17952	UNCH
MAR17	----	----	28.15	-	0.22	----	----	10528	UNCH
APR17	----	----	22.60	+	0.22	----	----	11200	UNCH
MAY17	----	----	22.00		UNCH	----	----	11368	UNCH
JUN17	----	----	22.00		UNCH	----	----	10672	UNCH
JUL17	----	----	25.81		UNCH	----	----	12296	UNCH
AUG17	----	----	23.19		UNCH	----	----	10904	UNCH
SEP17	----	----	22.00		UNCH	----	----	11600	UNCH
OCT17	----	----	23.56		UNCH	----	----	10584	UNCH
NOV17	----	----	23.56		UNCH	----	----	10368	UNCH
DEC17	----	----	26.76		UNCH	----	----	11448	UNCH
JAN18	----	----	35.37	+	0.59	----	----	16464	UNCH
FEB18	----	----	32.23	+	0.56	----	----	14784	UNCH
MAR18	----	----	27.20	-	0.08	----	----	16464	UNCH
APR18	----	----	25.25	-	0.08	----	----	16128	UNCH
MAY18	----	----	21.97	-	0.04	----	----	16464	UNCH
JUN18	----	----	22.79	-	0.04	----	----	16128	UNCH
JUL18	----	----	25.20	-	0.08	----	----	17136	UNCH
AUG18	----	----	24.54	-	0.03	----	----	15792	UNCH
SEP18	----	----	22.84	-	0.04	----	----	17472	UNCH
OCT18	----	----	23.56	-	0.04	----	----	15792	UNCH
NOV18	----	----	23.97	-	0.04	----	----	16128	UNCH
DEC18	----	----	25.87	-	0.08	----	----	17808	UNCH
JAN19	----	----	33.95	+	0.03	----	----	9800	UNCH
FEB19	----	----	31.68	+	0.06	----	----	8800	UNCH
MAR19	----	----	27.70	+	0.04	----	----	10200	UNCH
APR19	----	----	23.81	+	0.02	----	----	9200	UNCH
MAY19	----	----	23.47	+	0.07	----	----	9800	UNCH
JUN19	----	----	24.01	+	0.07	----	----	10000	UNCH
JUL19	----	----	26.37	+	0.04	----	----	9800	UNCH
AUG19	----	----	24.60	+	0.03	----	----	9800	UNCH
SEP19	----	----	23.66	+	0.07	----	----	10000	UNCH
OCT19	----	----	23.57	+	0.07	----	----	9400	UNCH
NOV19	----	----	24.99	+	0.08	----	----	10000	UNCH
DEC19	----	----	24.80	+	0.03	----	----	10200	UNCH
JAN20	----	----	33.63	-	0.04	----	----	2744	UNCH
FEB20	----	----	32.16		UNCH	----	----	2632	UNCH
MAR20	----	----	27.54	-	0.01	----	----	2744	UNCH
APR20	----	----	23.00	-	0.03	----	----	2576	UNCH
MAY20	----	----	23.54	+	0.03	----	----	2968	UNCH
JUN20	----	----	23.44	+	0.02	----	----	2576	UNCH
JUL20	----	----	26.02	-	0.02	----	----	2632	UNCH
AUG20	----	----	25.29	-	0.02	----	----	2856	UNCH
SEP20	----	----	23.30	+	0.03	----	----	2688	UNCH
OCT20	----	----	23.64	+	0.03	----	----	2744	UNCH
NOV20	----	----	24.17	+	0.02	----	----	2800	UNCH
DEC20	----	----	26.27	-	0.01	----	----	2744	UNCH
TOTAL	H4 FUT							599864	
H3 FUT	CIN HUB 5MW REAL TIME PK								
SEP16	----	----	33.25	+	0.34	----	----	1071	UNCH
OCT16	----	----	32.95	+	0.35	----	----	1071	UNCH
NOV16	----	----	33.38	+	0.70	----	----	1071	UNCH
DEC16	----	----	34.60	+	0.30	----	----	1071	UNCH
JAN17	----	----	43.38	+	0.38	----	----	966	UNCH
FEB17	----	----	41.72	-	0.08	----	----	920	UNCH
MAR17	----	----	35.73	+	0.18	----	----	828	UNCH
APR17	----	----	35.02	+	0.17	----	----	720	UNCH
MAY17	----	----	34.40	+	0.07	----	----	814	UNCH
JUN17	----	----	34.50	+	0.07	----	----	814	UNCH
JUL17	----	----	41.78	+	0.19	----	----	740	UNCH
AUG17	----	----	38.12	+	0.21	----	----	851	UNCH
SEP17	----	----	33.18	+	0.05	----	----	1040	UNCH
OCT17	----	----	31.66	-	0.17	----	----	880	UNCH
NOV17	----	----	33.02	+	0.10	----	----	840	UNCH
DEC17	----	----	35.22	-	0.23	----	----	800	UNCH
JAN18	----	----	44.91	+	0.25	----	----	1276	UNCH
FEB18	----	----	41.74	+	0.22	----	----	1160	UNCH
MAR18	----	----	36.53	+	0.02	----	----	1276	UNCH
APR18	----	----	32.64	+	0.03	----	----	1218	UNCH
MAY18	----	----	34.69	+	0.06	----	----	1276	UNCH
JUN18	----	----	35.20	+	0.01	----	----	1218	UNCH
JUL18	----	----	42.15	+	0.02	----	----	1218	UNCH
AUG18	----	----	37.96	+	0.03	----	----	1334	UNCH
SEP18	----	----	33.56	+	0.04	----	----	1102	UNCH
OCT18	----	----	32.13	+	0.03	----	----	1334	UNCH
NOV18	----	----	32.49	+	0.03	----	----	1218	UNCH
DEC18	----	----	35.20	+	0.01	----	----	1160	UNCH
JAN19	----	----	45.27	+	0.10	----	----	1100	UNCH
FEB19	----	----	41.74	+	0.07	----	----	1000	UNCH
MAR19	----	----	34.57	+	0.10	----	----	1050	UNCH
APR19	----	----	31.46	+	0.08	----	----	1100	UNCH
MAY19	----	----	33.83	+	0.10	----	----	1100	UNCH
JUN19	----	----	34.57	+	0.10	----	----	1000	UNCH
JUL19	----	----	42.69	+	0.13	----	----	1100	UNCH

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS						Wed, Aug 03, 2016 PG61			
		GLOBAL EX	OPEN	GLOBAL EX		HIGH/LOW	SETT. PRICE	GLOBAL EX®		PNT/PIT	OPEN
							& PT. CHGE	VOLUME		VOLUME	INTEREST
H3 FUT	CIN HUB 5MW REAL TIME PK										
AUG19		----	----			38.58	+ 0.09	----	----		1100 UNCH
SEP19		----	----			33.09	+ 0.09	----	----		1000 UNCH
OCT19		----	----			31.25	+ 0.13	----	----		1150 UNCH
NOV19		----	----			31.46	+ 0.13	----	----		1000 UNCH
DEC19		----	----			34.10	+ 0.10	----	----		1050 UNCH
JAN20		----	----			45.73	+ 0.03	----	----		154 UNCH
FEB20		----	----			41.04	+ 0.01	----	----		140 UNCH
MAR20		----	----			34.99	+ 0.07	----	----		154 UNCH
APR20		----	----			32.12	+ 0.05	----	----		154 UNCH
MAY20		----	----			34.47	+ 0.07	----	----		140 UNCH
JUN20		----	----			34.57	+ 0.06	----	----		154 UNCH
JUL20		----	----			43.18	+ 0.07	----	----		161 UNCH
AUG20		----	----			37.60	+ 0.04	----	----		147 UNCH
SEP20		----	----			32.85	+ 0.05	----	----		147 UNCH
OCT20		----	----			31.55	+ 0.05	----	----		154 UNCH
NOV20		----	----			30.82	+ 0.04	----	----		140 UNCH
DEC20		----	----			35.20	+ 0.07	----	----		154 UNCH
TOTAL H3 FUT											43836
EJ FUT	CINERGY HUB OFF-PEAK MONTH										
JUL16		----	----			23.62	UNCH	----	----		44 UNCH
AUG16		----	----			23.17	UNCH	----	----		44 UNCH
SEP16		----	----			22.24	+ 0.11	----	----		44 UNCH
OCT16		----	----			23.63	UNCH	----	----		64 UNCH
NOV16		----	----			23.75	UNCH	----	----		64 UNCH
DEC16		----	----			26.63	UNCH	----	----		64 UNCH
JAN17		----	----			34.54	+ 0.02	----	----		4 UNCH
FEB17		----	----			29.96	- 0.02	----	----		4 UNCH
MAR17		----	----			28.15	- 0.22	----	----		4 UNCH
APR17		----	----			22.60	+ 0.22	----	----		4 UNCH
MAY17		----	----			22.00	UNCH	----	----		4 UNCH
JAN18		----	----			35.37	+ 0.59	----	----		10 UNCH
FEB18		----	----			32.23	+ 0.56	----	----		10 UNCH
MAR18		----	----			27.20	- 0.08	----	----		10 UNCH
APR18		----	----			25.25	- 0.08	----	----		10 UNCH
MAY18		----	----			21.97	- 0.04	----	----		10 UNCH
JUN18		----	----			22.79	- 0.04	----	----		10 UNCH
JUL18		----	----			25.20	- 0.08	----	----		10 UNCH
AUG18		----	----			24.54	- 0.03	----	----		10 UNCH
SEP18		----	----			22.84	- 0.04	----	----		10 UNCH
OCT18		----	----			23.56	- 0.04	----	----		10 UNCH
NOV18		----	----			23.97	- 0.04	----	----		10 UNCH
DEC18		----	----			25.87	- 0.08	----	----		10 UNCH
TOTAL EJ FUT											464
EM FUT	CINERGY HUB PEAK MONTH										
JUL16		----	----			37.27	UNCH	----	----		14 UNCH
AUG16		----	----			37.71	+ 0.21	----	----		14 UNCH
SEP16		----	----			33.25	+ 0.34	----	----		14 UNCH
OCT16		----	----			32.95	+ 0.35	----	----		14 UNCH
NOV16		----	----			33.38	+ 0.70	----	----		14 UNCH
DEC16		----	----			34.60	+ 0.30	----	----		14 UNCH
JAN18		----	----			44.91	+ 0.25	----	----		24 UNCH
FEB18		----	----			41.74	+ 0.22	----	----		24 UNCH
MAR18		----	----			36.53	+ 0.02	----	----		24 UNCH
APR18		----	----			32.64	+ 0.03	----	----		24 UNCH
MAY18		----	----			34.69	+ 0.06	----	----		24 UNCH
JUN18		----	----			35.20	+ 0.01	----	----		24 UNCH
JUL18		----	----			42.15	+ 0.02	----	----		24 UNCH
AUG18		----	----			37.96	+ 0.03	----	----		24 UNCH
SEP18		----	----			33.56	+ 0.04	----	----		24 UNCH
OCT18		----	----			32.13	+ 0.03	----	----		24 UNCH
NOV18		----	----			32.49	+ 0.03	----	----		24 UNCH
DEC18		----	----			35.20	+ 0.01	----	----		24 UNCH
TOTAL EM FUT											372
I6 FUT	ERCOT NRTH Z MCPE 5 MW OFFPK S										
SEP16		----	----			22.20	+ 0.82	----	----		1920 UNCH
OCT16		----	----			20.29	+ 0.67	----	----		2040 UNCH
NOV16		----	----			20.92	+ 0.60	----	----		1925 UNCH
DEC16		----	----			22.09	+ 0.48	----	----		2040 UNCH
TOTAL I6 FUT											7925
I5 FUT	ERCOT NRTH Z MCPE 5 MW PEAK SW										
SEP16		----	----			32.14	+ 1.44	----	----		147 UNCH
OCT16		----	----			28.22	+ 1.16	----	----		147 UNCH
NOV16		----	----			28.30	+ 1.05	----	----		147 UNCH
DEC16		----	----			28.94	+ 1.02	----	----		147 UNCH
TOTAL I5 FUT											588
I8 FUT	ERCOT NRTH Z MCPES OFFPK CLN D										
26JUL16		----	----			19.20	UNCH	----	----		0 - 40 UNCH
27JUL16		----	----			19.08	UNCH	----	----		40 UNCH
28JUL16		----	----			18.13	UNCH	----	----		40 UNCH
29JUL16		----	----			17.81	UNCH	----	----		40 UNCH
30JUL16		----	----			24.38	UNCH	----	----		120 UNCH
31JUL16		----	----			21.65	UNCH	----	----		120 UNCH
01AUG16		----	----			17.18	UNCH	----	----		40 UNCH
02AUG16		----	----			18.63	- 0.28	----	----		40 UNCH
03AUG16		----	----			19.77	- 4.02	----	----		40 UNCH
04AUG16		----	----			23.79	UNCH	----	----		40 UNCH
05AUG16		----	----			23.79	UNCH	----	----		40 UNCH
06AUG16		----	----			23.79	UNCH	----	----		120 UNCH
07AUG16		----	----			23.79	UNCH	----	----		120 UNCH
08AUG16		----	----			23.79	UNCH	----	----		40 UNCH
09AUG16		----	----			23.79	UNCH	----	----		40 UNCH
10AUG16		----	----			23.79	UNCH	----	----		40 UNCH
11AUG16		----	----			23.79	UNCH	----	----		40 UNCH
12AUG16		----	----			23.79	UNCH	----	----		40 UNCH
13AUG16		----	----			23.79	UNCH	----	----		120 UNCH
14AUG16		----	----			23.79	UNCH	----	----		120 UNCH
15AUG16		----	----			23.79	UNCH	----	----		40 UNCH
16AUG16		----	----			23.79	UNCH	----	----		40 UNCH
17AUG16		----	----			23.79	UNCH	----	----		40 UNCH
18AUG16		----	----			23.79	UNCH	----	----		40 UNCH
19AUG16		----	----			23.79	UNCH	----	----		40 UNCH
20AUG16		----	----			23.79	UNCH	----	----		120 UNCH

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BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

GLOBEX OPEN				GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST	
I8 FUT				ERCOT NRTH Z MCPE5 OFFPK CLN D									
21AUG16				----				23.79 UNCH		----		120 UNCH	
22AUG16				----				23.79 UNCH		----		40 UNCH	
23AUG16				----				23.79 UNCH		----		40 UNCH	
24AUG16				----				23.79 UNCH		----		40 UNCH	
25AUG16				----				23.79 UNCH		----		40 UNCH	
26AUG16				----				23.79 UNCH		----		40 UNCH	
27AUG16				----				23.79 UNCH		----		120 UNCH	
28AUG16				----				23.79 UNCH		----		120 UNCH	
29AUG16				----				23.79 UNCH		----		40 UNCH	
30AUG16				----				23.79 UNCH		----		40 UNCH	
31AUG16				----				23.79 UNCH		----		40 UNCH	
TOTAL I8 FUT												2240 - 40	
I7 FUT				ERCOT NRTH Z MCPE5 PEAK CLND D									
26JUL16				----				26.14 UNCH		----		0 - 7	
27JUL16				----				24.81 UNCH		----		7 UNCH	
28JUL16				----				28.48 UNCH		----		7 UNCH	
29JUL16				----				26.02 UNCH		----		7 UNCH	
01AUG16				----				25.93 UNCH		----		7 UNCH	
02AUG16				----				131.79 + 105.86		----		7 UNCH	
03AUG16				----				54.14 + 5.51		----		7 UNCH	
04AUG16				----				48.63 UNCH		----		7 UNCH	
05AUG16				----				48.63 UNCH		----		7 UNCH	
08AUG16				----				48.63 UNCH		----		7 UNCH	
09AUG16				----				48.63 UNCH		----		7 UNCH	
10AUG16				----				48.63 UNCH		----		7 UNCH	
11AUG16				----				48.63 UNCH		----		7 UNCH	
12AUG16				----				48.63 UNCH		----		7 UNCH	
15AUG16				----				48.63 UNCH		----		7 UNCH	
16AUG16				----				48.63 UNCH		----		7 UNCH	
17AUG16				----				48.63 UNCH		----		7 UNCH	
18AUG16				----				48.63 UNCH		----		7 UNCH	
19AUG16				----				48.63 UNCH		----		7 UNCH	
22AUG16				----				48.63 UNCH		----		7 UNCH	
23AUG16				----				48.63 UNCH		----		7 UNCH	
24AUG16				----				48.63 UNCH		----		7 UNCH	
25AUG16				----				48.63 UNCH		----		7 UNCH	
26AUG16				----				48.63 UNCH		----		7 UNCH	
29AUG16				----				48.63 UNCH		----		7 UNCH	
30AUG16				----				48.63 UNCH		----		7 UNCH	
31AUG16				----				48.63 UNCH		----		7 UNCH	
TOTAL I7 FUT												182 - 7	
IDO FUT				ISO NEW ENG MASS HUB DA OP DAILY									
27JUL16				----				22.81 UNCH		----		0 - 456	
28JUL16				----				20.54 UNCH		----		456 UNCH	
29JUL16				----				21.44 UNCH		----		456 UNCH	
30JUL16				----				29.20 UNCH		----		1368 UNCH	
31JUL16				----				22.12 UNCH		----		1368 UNCH	
01AUG16				----				22.78 UNCH		----		456 UNCH	
02AUG16				----				22.30 UNCH		----		456 UNCH	
03AUG16				----				18.96 UNCH		----		456 UNCH	
04AUG16				----				19.33 - 2.82		----		456 UNCH	
05AUG16				----				22.15 UNCH		----		456 UNCH	
06AUG16				----				22.15 UNCH		----		1368 UNCH	
07AUG16				----				22.15 UNCH		----		1368 UNCH	
08AUG16				----				22.15 UNCH		----		456 UNCH	
09AUG16				----				22.15 UNCH		----		456 UNCH	
10AUG16				----				22.15 UNCH		----		456 UNCH	
11AUG16				----				22.15 UNCH		----		456 UNCH	
12AUG16				----				22.15 UNCH		----		456 UNCH	
13AUG16				----				22.15 UNCH		----		1368 UNCH	
14AUG16				----				22.15 UNCH		----		1368 UNCH	
15AUG16				----				22.15 UNCH		----		456 UNCH	
16AUG16				----				22.15 UNCH		----		456 UNCH	
17AUG16				----				22.15 UNCH		----		456 UNCH	
18AUG16				----				22.15 UNCH		----		456 UNCH	
19AUG16				----				22.15 UNCH		----		456 UNCH	
20AUG16				----				22.15 UNCH		----		1368 UNCH	
21AUG16				----				22.15 UNCH		----		1368 UNCH	
22AUG16				----				22.15 UNCH		----		456 UNCH	
23AUG16				----				22.15 UNCH		----		456 UNCH	
24AUG16				----				22.15 UNCH		----		456 UNCH	
25AUG16				----				22.15 UNCH		----		456 UNCH	
26AUG16				----				22.15 UNCH		----		456 UNCH	
27AUG16				----				22.15 UNCH		----		1368 UNCH	
28AUG16				----				22.15 UNCH		----		1368 UNCH	
29AUG16				----				22.15 UNCH		----		456 UNCH	
30AUG16				----				22.15 UNCH		----		456 UNCH	
31AUG16				----				22.15 UNCH		----		456 UNCH	
TOTAL IDO FUT												25080 - 456	
KI FUT				ISO NEW ENGLAND OFF-PEAK LMP									
JUL16				----				22.44 UNCH		----		38 UNCH	
AUG16				----				22.04 - 0.06		----		38 UNCH	
SEP16				----				21.00 + 0.28		----		38 UNCH	
OCT16				----				21.20 + 0.47		----		38 UNCH	
NOV16				----				26.08 + 0.30		----		38 UNCH	
DEC16				----				40.13 + 0.63		----		38 UNCH	
JAN17				----				57.38 + 0.80		----		14 UNCH	
FEB17				----				52.72 + 0.75		----		14 UNCH	
MAR17				----				39.95 + 0.20		----		14 UNCH	
APR17				----				26.15 + 0.15		----		14 UNCH	
MAY17				----				20.85 + 0.05		----		14 UNCH	
JUN17				----				20.55 + 0.05		----		14 UNCH	
JUL17				----				24.54 + 0.04		----		14 UNCH	
AUG17				----				20.26 + 0.06		----		14 UNCH	
SEP17				----				19.20 UNCH		----		14 UNCH	
OCT17				----				20.45 + 0.05		----		14 UNCH	
NOV17				----				28.20 - 0.05		----		14 UNCH	
DEC17				----				38.95 - 0.30		----		14 UNCH	
TOTAL KI FUT												396	
NI FUT				ISO NEW ENGLAND PEAK LMP									
JUL16				----				42.61 UNCH		----		35 UNCH	
AUG16				----				36.33 - 0.26		----		35 UNCH	
SEP16				----				31.45 + 0.18		----		35 UNCH	

PG61 BULLETIN #148@			ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61		
GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
NI FUT	ISO NEW ENGLAND PEAK LMP								
OCT16	----	----	31.58	+	0.43	----	----	35	UNCH
NOV16	----	----	35.63	+	0.30	----	----	35	UNCH
DEC16	----	----	51.33	+	0.25	----	----	35	UNCH
JAN17	----	----	72.93	+	1.80	----	----	27	UNCH
FEB17	----	----	70.57	+	1.27	----	----	27	UNCH
MAR17	----	----	50.25	+	0.50	----	----	17	UNCH
APR17	----	----	35.25	+	0.40	----	----	17	UNCH
MAY17	----	----	30.40	+	0.25	----	----	17	UNCH
JUN17	----	----	32.75	+	0.45	----	----	17	UNCH
JUL17	----	----	41.39	+	0.07	----	----	17	UNCH
AUG17	----	----	38.61	+	0.08	----	----	17	UNCH
SEP17	----	----	30.75	+	0.15	----	----	17	UNCH
OCT17	----	----	31.40		UNCH	----	----	17	UNCH
NOV17	----	----	37.10	+	0.25	----	----	17	UNCH
DEC17	----	----	51.75	+	0.35	----	----	17	UNCH
TOTAL NI FUT								434	
HMW FUT	MIDWEST ISO MICHIGAN HUB 5MW PEAK C								
JUL16	----	----	44.03		UNCH	----	----	440	UNCH
AUG16	----	----	41.03	+	0.36	----	----	506	UNCH
SEP16	----	----	36.15	+	0.34	----	----	462	UNCH
OCT16	----	----	35.85	+	0.35	----	----	462	UNCH
NOV16	----	----	36.28	+	0.70	----	----	462	UNCH
DEC16	----	----	37.50	+	0.30	----	----	462	UNCH
JAN17	----	----	46.28	+	0.38	----	----	840	UNCH
FEB17	----	----	44.62	-	0.08	----	----	800	UNCH
MAR17	----	----	38.63	+	0.18	----	----	920	UNCH
APR17	----	----	37.92	+	0.17	----	----	800	UNCH
MAY17	----	----	37.30	+	0.07	----	----	880	UNCH
JUN17	----	----	37.40	+	0.07	----	----	880	UNCH
JUL17	----	----	44.68	+	0.19	----	----	800	UNCH
AUG17	----	----	41.02	+	0.21	----	----	920	UNCH
SEP17	----	----	36.08	+	0.05	----	----	800	UNCH
OCT17	----	----	34.56	-	0.17	----	----	880	UNCH
NOV17	----	----	35.92	+	0.10	----	----	840	UNCH
DEC17	----	----	38.12	-	0.23	----	----	800	UNCH
JAN18	----	----	47.81	+	0.25	----	----	44	UNCH
FEB18	----	----	44.64	+	0.22	----	----	40	UNCH
MAR18	----	----	39.43	+	0.02	----	----	44	UNCH
APR18	----	----	35.54	+	0.03	----	----	42	UNCH
MAY18	----	----	37.59	+	0.06	----	----	44	UNCH
JUN18	----	----	38.10	+	0.01	----	----	42	UNCH
JUL18	----	----	45.05	+	0.02	----	----	42	UNCH
AUG18	----	----	40.86	+	0.03	----	----	46	UNCH
SEP18	----	----	36.46	+	0.04	----	----	38	UNCH
OCT18	----	----	35.03	+	0.03	----	----	46	UNCH
NOV18	----	----	35.39	+	0.03	----	----	42	UNCH
DEC18	----	----	38.10	+	0.01	----	----	40	UNCH
TOTAL HMW FUT								13464	
FTM FUT	MISO INDIANA HUB 5MW OFPK CAL MO RT								
JUL16	----	----	23.62		UNCH	----	----	4240	UNCH
AUG16	----	----	23.18		UNCH	----	----	3760	UNCH
SEP16	----	----	22.24	+	0.11	----	----	3840	UNCH
OCT16	----	----	23.63		UNCH	----	----	4080	UNCH
NOV16	----	----	23.75		UNCH	----	----	3850	UNCH
DEC16	----	----	26.63		UNCH	----	----	4080	UNCH
TOTAL FTM FUT								23850	
FAD FUT	MISO INDIANA HUB 5MW OFPK CALDAY DA								
26JUL16	----	----	21.92		UNCH	----	----	0	- 200
27JUL16	----	----	21.62		UNCH	----	----	200	UNCH
28JUL16	----	----	21.65		UNCH	----	----	200	UNCH
29JUL16	----	----	21.28		UNCH	----	----	200	UNCH
30JUL16	----	----	27.03		UNCH	----	----	600	UNCH
31JUL16	----	----	25.36		UNCH	----	----	600	UNCH
01AUG16	----	----	19.53		UNCH	----	----	200	UNCH
02AUG16	----	----	22.23		UNCH	----	----	200	UNCH
03AUG16	----	----	21.39		UNCH	----	----	200	UNCH
04AUG16	----	----	21.59	-	2.21	----	----	200	UNCH
05AUG16	----	----	23.80		UNCH	----	----	200	UNCH
06AUG16	----	----	23.80		UNCH	----	----	600	UNCH
07AUG16	----	----	23.80		UNCH	----	----	600	UNCH
08AUG16	----	----	23.80		UNCH	----	----	200	UNCH
09AUG16	----	----	23.80		UNCH	----	----	200	UNCH
10AUG16	----	----	23.80		UNCH	----	----	200	UNCH
11AUG16	----	----	23.80		UNCH	----	----	200	UNCH
12AUG16	----	----	23.80		UNCH	----	----	200	UNCH
13AUG16	----	----	23.80		UNCH	----	----	600	UNCH
14AUG16	----	----	23.80		UNCH	----	----	600	UNCH
15AUG16	----	----	23.80		UNCH	----	----	200	UNCH
16AUG16	----	----	23.80		UNCH	----	----	200	UNCH
17AUG16	----	----	23.80		UNCH	----	----	200	UNCH
18AUG16	----	----	23.80		UNCH	----	----	200	UNCH
19AUG16	----	----	23.80		UNCH	----	----	200	UNCH
20AUG16	----	----	23.80		UNCH	----	----	600	UNCH
21AUG16	----	----	23.80		UNCH	----	----	600	UNCH
22AUG16	----	----	23.80		UNCH	----	----	200	UNCH
23AUG16	----	----	23.80		UNCH	----	----	200	UNCH
24AUG16	----	----	23.80		UNCH	----	----	200	UNCH
25AUG16	----	----	23.80		UNCH	----	----	200	UNCH
26AUG16	----	----	23.80		UNCH	----	----	200	UNCH
27AUG16	----	----	23.80		UNCH	----	----	600	UNCH
28AUG16	----	----	23.80		UNCH	----	----	600	UNCH
29AUG16	----	----	23.80		UNCH	----	----	200	UNCH
30AUG16	----	----	23.80		UNCH	----	----	200	UNCH
31AUG16	----	----	23.80		UNCH	----	----	200	UNCH
TOTAL FAD FUT								11200	- 200
FTD FUT	MISO INDIANA HUB 5MW OFPK CALDAY RT								
26JUL16	----	----	21.74		UNCH	----	----	0	- 384
27JUL16	----	----	22.38		UNCH	----	----	384	UNCH
28JUL16	----	----	22.43		UNCH	----	----	384	UNCH
29JUL16	----	----	22.73		UNCH	----	----	384	UNCH
30JUL16	----	----	27.13		UNCH	----	----	1152	UNCH
31JUL16	----	----	25.40		UNCH	----	----	1152	UNCH
01AUG16	----	----	22.11		UNCH	----	----	384	UNCH

PG61 BULLETIN #148@			ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016 PG61			
			GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
FTD FUT			MISO INDIANA HUB 5MW OFPK	CALDAY RT							
02AUG16	----	----			23.17	-	0.03	----	----	384	UNCH
03AUG16	----	----			23.20		UNCH	----	----	384	UNCH
04AUG16	----	----			23.20		UNCH	----	----	384	UNCH
05AUG16	----	----			23.20		UNCH	----	----	384	UNCH
06AUG16	----	----			23.20		UNCH	----	----	1152	UNCH
07AUG16	----	----			23.20		UNCH	----	----	1152	UNCH
08AUG16	----	----			23.20		UNCH	----	----	384	UNCH
09AUG16	----	----			23.20		UNCH	----	----	384	UNCH
10AUG16	----	----			23.20		UNCH	----	----	384	UNCH
11AUG16	----	----			23.20		UNCH	----	----	384	UNCH
12AUG16	----	----			23.20		UNCH	----	----	384	UNCH
13AUG16	----	----			23.20		UNCH	----	----	1152	UNCH
14AUG16	----	----			23.20		UNCH	----	----	1152	UNCH
15AUG16	----	----			23.20		UNCH	----	----	384	UNCH
16AUG16	----	----			23.20		UNCH	----	----	384	UNCH
17AUG16	----	----			23.20		UNCH	----	----	384	UNCH
18AUG16	----	----			23.20		UNCH	----	----	384	UNCH
19AUG16	----	----			23.20		UNCH	----	----	384	UNCH
20AUG16	----	----			23.20		UNCH	----	----	1152	UNCH
21AUG16	----	----			23.20		UNCH	----	----	1152	UNCH
22AUG16	----	----			23.20		UNCH	----	----	384	UNCH
23AUG16	----	----			23.20		UNCH	----	----	384	UNCH
24AUG16	----	----			23.20		UNCH	----	----	384	UNCH
25AUG16	----	----			23.20		UNCH	----	----	384	UNCH
26AUG16	----	----			23.20		UNCH	----	----	384	UNCH
27AUG16	----	----			23.20		UNCH	----	----	1152	UNCH
28AUG16	----	----			23.20		UNCH	----	----	1152	UNCH
29AUG16	----	----			23.20		UNCH	----	----	384	UNCH
30AUG16	----	----			23.20		UNCH	----	----	384	UNCH
31AUG16	----	----			23.20		UNCH	----	----	384	UNCH
TOTAL FTD FUT										21504	- 384
PDD FUT			MISO INDIANA HUB 5MW PK	CAL DAYHD							
26JUL16	----	----			44.38		UNCH	----	----	0	- 35
27JUL16	----	----			41.10		UNCH	----	----	35	UNCH
28JUL16	----	----			33.88		UNCH	----	----	35	UNCH
29JUL16	----	----			31.66		UNCH	----	----	35	UNCH
01AUG16	----	----			35.31		UNCH	----	----	35	UNCH
02AUG16	----	----			41.39		UNCH	----	----	35	UNCH
03AUG16	----	----			41.08		UNCH	----	----	35	UNCH
04AUG16	----	----			38.34	-	4.41	----	----	35	UNCH
05AUG16	----	----			40.00	-	2.75	----	----	35	UNCH
08AUG16	----	----			40.75	+	0.75	----	----	35	UNCH
09AUG16	----	----			40.75	+	0.75	----	----	35	UNCH
10AUG16	----	----			40.75	+	0.75	----	----	35	UNCH
11AUG16	----	----			40.75	+	0.75	----	----	35	UNCH
12AUG16	----	----			40.75	+	0.75	----	----	35	UNCH
15AUG16	----	----			36.50		UNCH	----	----	35	UNCH
16AUG16	----	----			36.50		UNCH	----	----	35	UNCH
17AUG16	----	----			36.50		UNCH	----	----	35	UNCH
18AUG16	----	----			36.50		UNCH	----	----	35	UNCH
19AUG16	----	----			36.50		UNCH	----	----	35	UNCH
22AUG16	----	----			34.59	-	0.04	----	----	35	UNCH
23AUG16	----	----			34.59	-	0.04	----	----	35	UNCH
24AUG16	----	----			34.59	-	0.04	----	----	35	UNCH
25AUG16	----	----			34.59	-	0.04	----	----	35	UNCH
26AUG16	----	----			34.59	-	0.04	----	----	35	UNCH
29AUG16	----	----			34.59	-	0.04	----	----	35	UNCH
30AUG16	----	----			34.59	-	0.04	----	----	35	UNCH
31AUG16	----	----			34.59	-	0.04	----	----	35	UNCH
TOTAL PDD FUT										910	- 35
PTD FUT			MISO INDIANA HUB 5MW PK	CAL-DAY RT							
25JUL16	----	----			73.32		UNCH	----	----	0	- 159
26JUL16	----	----			38.75		UNCH	----	----	159	UNCH
27JUL16	----	----			44.44		UNCH	----	----	159	UNCH
28JUL16	----	----			41.20		UNCH	----	----	159	UNCH
29JUL16	----	----			37.80		UNCH	----	----	159	UNCH
01AUG16	----	----			38.31		UNCH	----	----	159	UNCH
02AUG16	----	----			42.21	+	3.96	----	----	159	UNCH
03AUG16	----	----			41.00		UNCH	----	----	159	UNCH
04AUG16	----	----			42.75		UNCH	----	----	159	UNCH
05AUG16	----	----			40.00	-	2.75	----	----	159	UNCH
08AUG16	----	----			40.75	+	0.75	----	----	159	UNCH
09AUG16	----	----			40.75	+	0.75	----	----	159	UNCH
10AUG16	----	----			40.75	+	0.75	----	----	159	UNCH
11AUG16	----	----			40.75	+	0.75	----	----	159	UNCH
12AUG16	----	----			40.75	+	0.75	----	----	159	UNCH
15AUG16	----	----			36.50		UNCH	----	----	159	UNCH
16AUG16	----	----			36.50		UNCH	----	----	159	UNCH
17AUG16	----	----			36.50		UNCH	----	----	159	UNCH
18AUG16	----	----			36.50		UNCH	----	----	159	UNCH
19AUG16	----	----			36.50		UNCH	----	----	159	UNCH
22AUG16	----	----			34.59	-	0.04	----	----	159	UNCH
23AUG16	----	----			34.59	-	0.04	----	----	159	UNCH
24AUG16	----	----			34.59	-	0.04	----	----	159	UNCH
25AUG16	----	----			34.59	-	0.04	----	----	159	UNCH
26AUG16	----	----			34.59	-	0.04	----	----	159	UNCH
29AUG16	----	----			34.59	-	0.04	----	----	159	UNCH
30AUG16	----	----			34.59	-	0.04	----	----	159	UNCH
31AUG16	----	----			34.59	-	0.04	----	----	159	UNCH
TOTAL PTD FUT										4293	- 159
HMO FUT			MISO MICHIGAN HUB OF-PK	DA MONTHLY							
JUL16	----	----			26.49		UNCH	----	----	9328	UNCH
AUG16	----	----			25.58	-	0.04	----	----	8272	UNCH
SEP16	----	----			24.74	+	0.11	----	----	8448	UNCH
OCT16	----	----			26.13		UNCH	----	----	8976	UNCH
NOV16	----	----			26.25		UNCH	----	----	8448	UNCH
DEC16	----	----			29.13		UNCH	----	----	8976	UNCH
JAN17	----	----			37.04	+	0.02	----	----	12240	UNCH
FEB17	----	----			32.46	-	0.02	----	----	10560	UNCH
MAR17	----	----			30.65	-	0.22	----	----	11280	UNCH
APR17	----	----			25.10	+	0.22	----	----	12000	UNCH
MAY17	----	----			24.50		UNCH	----	----	11760	UNCH
JUN17	----	----			24.50		UNCH	----	----	11040	UNCH
JUL17	----	----			28.31		UNCH	----	----	12720	UNCH



PRELIMINARY



PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016		PG61		
		GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST			
HMO FUT		MISO MICHIGAN HUB OF-PK DA MONTHLY									
AUG17		----	----	25.69	UNCH	----	----	11280	UNCH		
SEP17		----	----	24.50	UNCH	----	----	12000	UNCH		
OCT17		----	----	26.06	UNCH	----	----	11760	UNCH		
NOV17		----	----	26.06	UNCH	----	----	11520	UNCH		
DEC17		----	----	29.26	UNCH	----	----	12720	UNCH		
JAN18		----	----	37.87	+ 0.59	----	----	784	UNCH		
FEB18		----	----	34.73	+ 0.56	----	----	704	UNCH		
MAR18		----	----	29.70	- 0.08	----	----	784	UNCH		
APR18		----	----	27.75	- 0.08	----	----	768	UNCH		
MAY18		----	----	24.47	- 0.04	----	----	784	UNCH		
JUN18		----	----	25.29	- 0.04	----	----	768	UNCH		
JUL18		----	----	27.70	- 0.08	----	----	816	UNCH		
AUG18		----	----	27.04	- 0.03	----	----	752	UNCH		
SEP18		----	----	25.34	- 0.04	----	----	832	UNCH		
OCT18		----	----	26.06	- 0.04	----	----	752	UNCH		
NOV18		----	----	26.47	- 0.04	----	----	768	UNCH		
DEC18		----	----	28.37	- 0.08	----	----	848	UNCH		
TOTAL HMO FUT									202688		
UD FUT		N ILLINOIS HUB DAILY									
01AUG16		----	----	38.51	UNCH	----	----	0	- 89		
02AUG16		----	----	34.78	- 2.22	----	----	89	UNCH		
03AUG16		----	----	37.00	UNCH	----	----	89	UNCH		
04AUG16		----	----	39.25	+ 1.25	----	----	89	UNCH		
05AUG16		----	----	38.00	UNCH	----	----	89	UNCH		
08AUG16		----	----	35.00	UNCH	----	----	89	UNCH		
09AUG16		----	----	35.00	UNCH	----	----	89	UNCH		
10AUG16		----	----	35.00	UNCH	----	----	89	UNCH		
11AUG16		----	----	35.00	UNCH	----	----	89	UNCH		
12AUG16		----	----	35.00	UNCH	----	----	89	UNCH		
15AUG16		----	----	36.00	UNCH	----	----	89	UNCH		
16AUG16		----	----	36.00	UNCH	----	----	89	UNCH		
17AUG16		----	----	36.00	UNCH	----	----	89	UNCH		
18AUG16		----	----	36.00	UNCH	----	----	89	UNCH		
19AUG16		----	----	36.00	UNCH	----	----	89	UNCH		
22AUG16		----	----	34.00	+ 0.37	----	----	89	UNCH		
23AUG16		----	----	34.00	+ 0.37	----	----	89	UNCH		
24AUG16		----	----	34.00	+ 0.37	----	----	89	UNCH		
25AUG16		----	----	34.00	+ 0.37	----	----	89	UNCH		
26AUG16		----	----	34.00	+ 0.37	----	----	89	UNCH		
29AUG16		----	----	34.00	+ 0.37	----	----	89	UNCH		
30AUG16		----	----	34.00	+ 0.37	----	----	89	UNCH		
31AUG16		----	----	34.00	+ 0.37	----	----	89	UNCH		
TOTAL UD FUT									1958	- 89	
UM FUT		N ILLINOIS HUB MTHLY									
AUG16		----	----	35.21	+ 0.11	----	----	20	UNCH		
SEP16		----	----	31.78	+ 0.22	----	----	20	UNCH		
OCT16		----	----	30.75	+ 0.20	----	----	20	UNCH		
NOV16		----	----	31.28	+ 0.30	----	----	20	UNCH		
DEC16		----	----	33.20	+ 0.22	----	----	20	UNCH		
JAN17		----	----	42.47	+ 0.54	----	----	20	UNCH		
FEB17		----	----	43.23	+ 0.11	----	----	20	UNCH		
MAR17		----	----	33.47	+ 0.29	----	----	20	UNCH		
APR17		----	----	31.98	+ 0.26	----	----	20	UNCH		
MAY17		----	----	32.35	+ 0.17	----	----	20	UNCH		
JUN17		----	----	32.25	+ 0.07	----	----	20	UNCH		
JUL17		----	----	38.98	+ 0.21	----	----	20	UNCH		
AUG17		----	----	38.57	+ 0.19	----	----	20	UNCH		
SEP17		----	----	30.75	+ 0.30	----	----	20	UNCH		
OCT17		----	----	29.52	- 0.01	----	----	20	UNCH		
NOV17		----	----	30.22	+ 0.25	----	----	20	UNCH		
DEC17		----	----	33.34	- 0.08	----	----	20	UNCH		
TOTAL UM FUT									340		
P3 FUT		NEPOOL CNCTCT 5MW D AH O PK									
JUL16		----	----	22.69	UNCH	----	----	2120	UNCH		
AUG16		----	----	22.64	- 0.07	----	----	1880	UNCH		
SEP16		----	----	21.55	+ 0.35	----	----	1920	UNCH		
OCT16		----	----	21.20	+ 0.35	----	----	2040	UNCH		
NOV16		----	----	26.00	+ 0.40	----	----	1925	UNCH		
DEC16		----	----	40.25	+ 0.75	----	----	2040	UNCH		
JAN17		----	----	57.48	+ 0.80	----	----	408	UNCH		
FEB17		----	----	51.52	+ 0.70	----	----	352	UNCH		
MAR17		----	----	38.44	- 0.31	----	----	375	UNCH		
APR17		----	----	26.71	+ 0.13	----	----	400	UNCH		
MAY17		----	----	20.69	+ 0.10	----	----	392	UNCH		
JUN17		----	----	22.58	+ 0.11	----	----	368	UNCH		
JUL17		----	----	24.92	- 0.08	----	----	424	UNCH		
AUG17		----	----	20.84	- 0.05	----	----	376	UNCH		
SEP17		----	----	19.25	+ 0.10	----	----	400	UNCH		
OCT17		----	----	19.99	+ 0.24	----	----	392	UNCH		
NOV17		----	----	28.15	+ 0.14	----	----	385	UNCH		
DEC17		----	----	37.85	+ 0.18	----	----	424	UNCH		
TOTAL P3 FUT									16621		
P2 FUT		NEPOOL CONECTIC 5MW D AH PK									
JUL16		----	----	43.17	UNCH	----	----	100	UNCH		
AUG16		----	----	36.86	- 0.28	----	----	115	UNCH		
SEP16		----	----	32.05	+ 0.20	----	----	105	UNCH		
OCT16		----	----	31.90	+ 0.40	----	----	105	UNCH		
NOV16		----	----	35.70	+ 0.25	----	----	105	UNCH		
DEC16		----	----	51.40	+ 0.60	----	----	105	UNCH		
JAN17		----	----	73.42	+ 1.72	----	----	21	UNCH		
FEB17		----	----	70.08	+ 1.18	----	----	20	UNCH		
MAR17		----	----	49.28	- 0.20	----	----	23	UNCH		
APR17		----	----	35.57	+ 0.24	----	----	20	UNCH		
MAY17		----	----	30.67	- 0.03	----	----	22	UNCH		
JUN17		----	----	34.37	+ 0.22	----	----	22	UNCH		
JUL17		----	----	42.82	+ 0.69	----	----	20	UNCH		
AUG17		----	----	39.87	+ 0.64	----	----	23	UNCH		
SEP17		----	----	30.77	+ 0.07	----	----	20	UNCH		
OCT17		----	----	31.47	+ 0.42	----	----	22	UNCH		
NOV17		----	----	36.62	+ 0.30	----	----	21	UNCH		
DEC17		----	----	50.68	+ 0.17	----	----	20	UNCH		
TOTAL P2 FUT									889		
H2 FUT		NEPOOL INTR HUB 5MW D AH O PK									

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

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PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016 PG61	
		GLOBAL EX	OPEN	GLOBAL EX	PRICE	GLOBAL EX®	PNT/PIT	OPEN
				HIGH/LOW	SETT. & PT. CHGE	VOLUME	VOLUME	INTEREST
SEP16	----	----			21.00 + 0.28	----	----	19968 UNCH
OCT16	----	----			21.20 + 0.47	----	----	13056 UNCH
NOV16	----	----			26.08 + 0.30	----	----	12320 UNCH
DEC16	----	----			40.13 + 0.63	----	----	11832 UNCH
JAN17	----	----			57.38 + 0.80	----	----	20808 UNCH
FEB17	----	----			52.72 + 0.75	----	----	17952 UNCH
MAR17	----	----			39.95 + 0.20	----	----	12375 UNCH
APR17	----	----			26.15 + 0.15	----	----	11600 UNCH
MAY17	----	----			20.85 + 0.05	----	----	11368 UNCH
JUN17	----	----			20.55 + 0.05	----	----	10672 UNCH
JUL17	----	----			24.54 + 0.04	----	----	12296 UNCH
AUG17	----	----			20.26 + 0.06	----	----	10904 UNCH
SEP17	----	----			19.20 UNCH	----	----	11600 UNCH
OCT17	----	----			20.45 + 0.05	----	----	11368 UNCH
NOV17	----	----			28.20 - 0.05	----	----	10010 UNCH
DEC17	----	----			38.95 - 0.30	----	----	11024 UNCH
JAN18	----	----			57.10 + 0.82	----	----	3920 UNCH
FEB18	----	----			54.40 + 0.78	----	----	3520 UNCH
MAR18	----	----			39.20 + 0.45	----	----	3910 UNCH
APR18	----	----			27.42 - 0.05	----	----	3840 UNCH
MAY18	----	----			20.70 - 0.08	----	----	3920 UNCH
JUN18	----	----			20.80 - 0.08	----	----	3840 UNCH
JUL18	----	----			22.73 - 0.08	----	----	4080 UNCH
AUG18	----	----			22.14 - 0.08	----	----	3760 UNCH
SEP18	----	----			22.78 - 0.03	----	----	4160 UNCH
OCT18	----	----			21.10 - 0.07	----	----	3760 UNCH
NOV18	----	----			28.86 - 0.05	----	----	3850 UNCH
DEC18	----	----			36.57 - 0.03	----	----	4240 UNCH
JAN19	----	----			59.81 - 0.09	----	----	5488 UNCH
FEB19	----	----			55.41 - 0.05	----	----	4928 UNCH
MAR19	----	----			39.89 - 0.06	----	----	5698 UNCH
APR19	----	----			26.71 - 0.07	----	----	5152 UNCH
MAY19	----	----			21.47 - 0.02	----	----	5488 UNCH
JUN19	----	----			23.06 - 0.03	----	----	5600 UNCH
JUL19	----	----			24.61 - 0.08	----	----	5488 UNCH
AUG19	----	----			24.01 - 0.08	----	----	5488 UNCH
SEP19	----	----			20.42 - 0.03	----	----	5600 UNCH
OCT19	----	----			21.92 - 0.02	----	----	5264 UNCH
NOV19	----	----			31.70 - 0.02	----	----	5614 UNCH
DEC19	----	----			39.19 - 0.06	----	----	5712 UNCH
JAN20	----	----			59.81 - 0.28	----	----	1568 UNCH
FEB20	----	----			56.88 - 0.21	----	----	1504 UNCH
MAR20	----	----			38.59 - 0.18	----	----	1564 UNCH
APR20	----	----			29.48 - 0.16	----	----	1472 UNCH
MAY20	----	----			22.13 - 0.10	----	----	1696 UNCH
JUN20	----	----			22.34 - 0.09	----	----	1472 UNCH
JUL20	----	----			24.11 - 0.15	----	----	1504 UNCH
AUG20	----	----			23.50 - 0.15	----	----	1632 UNCH
SEP20	----	----			24.41 - 0.10	----	----	1536 UNCH
OCT20	----	----			22.18 - 0.10	----	----	1568 UNCH
NOV20	----	----			30.29 - 0.11	----	----	1604 UNCH
DEC20	----	----			38.09 - 0.17	----	----	1568 UNCH
TOTAL H2 FUT								340161
U6 FUT NEPOOL INTR HUB 5MW D AH PK								
SEP16	----	----			31.45 + 0.18	----	----	1512 UNCH
OCT16	----	----			31.58 + 0.43	----	----	1155 UNCH
NOV16	----	----			35.63 + 0.30	----	----	945 UNCH
DEC16	----	----			51.33 + 0.25	----	----	945 UNCH
JAN17	----	----			72.93 + 1.80	----	----	861 UNCH
FEB17	----	----			70.57 + 1.27	----	----	820 UNCH
MAR17	----	----			50.25 + 0.50	----	----	943 UNCH
APR17	----	----			35.25 + 0.40	----	----	680 UNCH
MAY17	----	----			30.40 + 0.25	----	----	638 UNCH
JUN17	----	----			32.75 + 0.45	----	----	638 UNCH
JUL17	----	----			41.39 + 0.07	----	----	1180 UNCH
AUG17	----	----			38.61 + 0.08	----	----	1357 UNCH
SEP17	----	----			30.75 + 0.15	----	----	580 UNCH
OCT17	----	----			31.40 UNCH	----	----	638 UNCH
NOV17	----	----			37.10 + 0.25	----	----	609 UNCH
DEC17	----	----			51.75 + 0.35	----	----	580 UNCH
JAN18	----	----			73.45 + 1.42	----	----	242 UNCH
FEB18	----	----			71.05 + 1.38	----	----	220 UNCH
MAR18	----	----			50.75 + 0.75	----	----	242 UNCH
APR18	----	----			35.59 - 1.08	----	----	231 UNCH
MAY18	----	----			29.07 - 0.93	----	----	242 UNCH
JUN18	----	----			33.13 - 1.07	----	----	231 UNCH
JUL18	----	----			39.75 - 0.48	----	----	231 UNCH
AUG18	----	----			37.62 - 0.44	----	----	253 UNCH
SEP18	----	----			28.93 - 0.92	----	----	209 UNCH
OCT18	----	----			31.34 - 0.98	----	----	253 UNCH
NOV18	----	----			38.83 - 1.15	----	----	231 UNCH
DEC18	----	----			51.87 - 1.51	----	----	220 UNCH
JAN19	----	----			74.06 + 0.10	----	----	660 UNCH
FEB19	----	----			68.62 + 0.07	----	----	600 UNCH
MAR19	----	----			46.90 + 0.06	----	----	315 UNCH
APR19	----	----			40.08 + 0.02	----	----	330 UNCH
MAY19	----	----			30.11 - 0.04	----	----	330 UNCH
JUN19	----	----			35.81 - 0.01	----	----	300 UNCH
JUL19	----	----			44.05 - 0.01	----	----	330 UNCH
AUG19	----	----			38.25 - 0.04	----	----	330 UNCH
SEP19	----	----			30.77 - 0.04	----	----	300 UNCH
OCT19	----	----			32.15 + 0.03	----	----	345 UNCH
NOV19	----	----			40.74 + 0.07	----	----	300 UNCH
DEC19	----	----			53.05 + 0.09	----	----	315 UNCH
JAN20	----	----			73.72 + 0.28	----	----	88 UNCH
FEB20	----	----			70.03 + 0.25	----	----	80 UNCH
MAR20	----	----			45.75 + 0.18	----	----	88 UNCH
APR20	----	----			41.55 + 0.15	----	----	88 UNCH
MAY20	----	----			31.35 + 0.07	----	----	80 UNCH
JUN20	----	----			36.48 + 0.12	----	----	88 UNCH
JUL20	----	----			43.96 + 0.12	----	----	92 UNCH
AUG20	----	----			38.01 + 0.07	----	----	84 UNCH
SEP20	----	----			30.38 + 0.07	----	----	84 UNCH
OCT20	----	----			32.69 + 0.09	----	----	88 UNCH
NOV20	----	----			40.93 + 0.14	----	----	80 UNCH
DEC20	----	----			53.95 + 0.24	----	----	88 UNCH
TOTAL U6 FUT								22369



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PRELIMINARY



PG61 BULLETIN #148@				ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61			
GLOBEX OPEN				GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
P7 FUT	NEPOOL	NE MASS 5MW D AH PK									
JUL16		----		----		43.90	UNCH	----	----	100	UNCH
AUG16		----		----		37.29	- 0.31	----	----	115	UNCH
SEP16		----		----		32.55	+ 0.20	----	----	105	UNCH
OCT16		----		----		32.40	+ 0.40	----	----	105	UNCH
TOTAL	P7 FUT									425	
U4 FUT	NEPOOL	RHD ISLD 5MW D AH PK									
JUL16		----		----		42.19	UNCH	----	----	780	UNCH
AUG16		----		----		36.27	- 0.28	----	----	897	UNCH
SEP16		----		----		31.65	+ 0.20	----	----	819	UNCH
OCT16		----		----		31.85	+ 0.40	----	----	609	UNCH
NOV16		----		----		35.65	+ 0.25	----	----	609	UNCH
DEC16		----		----		51.35	+ 0.60	----	----	609	UNCH
JAN17		----		----		72.26	+ 0.89	----	----	252	UNCH
FEB17		----		----		69.93	+ 0.40	----	----	240	UNCH
MAR17		----		----		50.59	+ 0.03	----	----	276	UNCH
APR17		----		----		35.29	+ 0.38	----	----	100	UNCH
MAY17		----		----		30.64	+ 0.10	----	----	110	UNCH
JUN17		----		----		32.91	+ 0.33	----	----	110	UNCH
JUL17		----		----		42.08	+ 0.86	----	----	100	UNCH
AUG17		----		----		39.24	+ 0.80	----	----	115	UNCH
SEP17		----		----		31.19	+ 0.20	----	----	100	UNCH
OCT17		----		----		31.65	+ 0.56	----	----	110	UNCH
NOV17		----		----		37.22	+ 0.47	----	----	105	UNCH
DEC17		----		----		52.00	+ 0.40	----	----	100	UNCH
TOTAL	U4 FUT									6041	
U5 FUT	NEPOOL	RHODE IL 5MW D AH O PK									
JUL16		----		----		22.33	UNCH	----	----	13568	UNCH
AUG16		----		----		22.45	- 0.07	----	----	12032	UNCH
SEP16		----		----		21.60	+ 0.35	----	----	12288	UNCH
OCT16		----		----		21.65	+ 0.35	----	----	8976	UNCH
NOV16		----		----		26.45	+ 0.40	----	----	8470	UNCH
DEC16		----		----		40.70	+ 0.75	----	----	8976	UNCH
JAN17		----		----		57.54	+ 0.03	----	----	4896	UNCH
FEB17		----		----		52.87	+ 0.04	----	----	4224	UNCH
MAR17		----		----		39.96	- 0.09	----	----	4500	UNCH
APR17		----		----		26.89	+ 0.27	----	----	2000	UNCH
MAY17		----		----		20.69	+ 0.21	----	----	1960	UNCH
JUN17		----		----		22.01	+ 0.22	----	----	1840	UNCH
JUL17		----		----		24.76	+ 0.05	----	----	2120	UNCH
AUG17		----		----		20.44	+ 0.06	----	----	1880	UNCH
SEP17		----		----		19.52	+ 0.20	----	----	2000	UNCH
OCT17		----		----		20.49	+ 0.36	----	----	1960	UNCH
NOV17		----		----		29.23	+ 0.30	----	----	1925	UNCH
DEC17		----		----		40.62	+ 0.42	----	----	2120	UNCH
TOTAL	U5 FUT									95735	
L9 FUT	NEPOOL	W CNT MASS 5MW D AH O PK									
JUL16		----		----		22.56	UNCH	----	----	8056	UNCH
AUG16		----		----		21.95	- 0.05	----	----	7144	UNCH
SEP16		----		----		21.06	+ 0.55	----	----	5376	UNCH
OCT16		----		----		21.06	+ 0.68	----	----	1632	UNCH
NOV16		----		----		26.48	+ 0.59	----	----	1540	UNCH
DEC16		----		----		40.39	+ 0.29	----	----	1632	UNCH
JAN17		----		----		56.94	+ 0.04	----	----	816	UNCH
FEB17		----		----		52.30	+ 0.03	----	----	704	UNCH
MAR17		----		----		39.52	- 0.09	----	----	750	UNCH
APR17		----		----		26.43	+ 0.27	----	----	800	UNCH
MAY17		----		----		20.22	+ 0.21	----	----	784	UNCH
JUN17		----		----		21.39	+ 0.22	----	----	736	UNCH
JUL17		----		----		24.14	+ 0.05	----	----	848	UNCH
AUG17		----		----		19.81	+ 0.05	----	----	752	UNCH
SEP17		----		----		19.00	+ 0.20	----	----	800	UNCH
OCT17		----		----		19.96	+ 0.35	----	----	784	UNCH
NOV17		----		----		28.72	+ 0.29	----	----	770	UNCH
DEC17		----		----		39.98	+ 0.42	----	----	848	UNCH
TOTAL	L9 FUT									34772	
R6 FUT	NEPOOL	W CNTR M 5MW D AH PK									
JUL16		----		----		42.82	UNCH	----	----	700	UNCH
AUG16		----		----		36.64	- 0.27	----	----	575	UNCH
SEP16		----		----		32.00	- 1.40	----	----	420	UNCH
OCT16		----		----		32.00	- 0.99	----	----	210	UNCH
NOV16		----		----		35.77	- 1.89	----	----	210	UNCH
DEC16		----		----		52.09	- 1.97	----	----	210	UNCH
JAN17		----		----		73.58	+ 0.91	----	----	147	UNCH
FEB17		----		----		70.66	+ 0.42	----	----	140	UNCH
MAR17		----		----		43.25	- 0.10	----	----	161	UNCH
APR17		----		----		35.87	+ 0.39	----	----	140	UNCH
MAY17		----		----		31.37	+ 0.11	----	----	44	UNCH
JUN17		----		----		34.59	+ 0.37	----	----	44	UNCH
JUL17		----		----		41.66	+ 0.84	----	----	40	UNCH
AUG17		----		----		40.67	+ 0.82	----	----	46	UNCH
SEP17		----		----		32.46	+ 0.23	----	----	40	UNCH
OCT17		----		----		31.12	+ 0.54	----	----	44	UNCH
NOV17		----		----		38.20	+ 0.48	----	----	42	UNCH
DEC17		----		----		50.97	+ 0.39	----	----	40	UNCH
TOTAL	R6 FUT									3253	
CE FUT	NEW ENGLAND HUB PEAK DAILY										
19JUL16		----		----		33.67	UNCH	----	----	0 -	87
20JUL16		----		----		28.64	UNCH	----	----	87	UNCH
21JUL16		----		----		35.80	UNCH	----	----	87	UNCH
22JUL16		----		----		47.90	UNCH	----	----	87	UNCH
25JUL16		----		----		62.54	UNCH	----	----	87	UNCH
26JUL16		----		----		60.09	UNCH	----	----	87	UNCH
27JUL16		----		----		48.44	UNCH	----	----	87	UNCH
28JUL16		----		----		49.58	UNCH	----	----	87	UNCH
29JUL16		----		----		32.76	UNCH	----	----	87	UNCH
01AUG16		----		----		35.49	UNCH	----	----	77	UNCH
02AUG16		----		----		30.70	UNCH	----	----	77	UNCH
03AUG16		----		----		33.48	UNCH	----	----	77	UNCH
04AUG16		----		----		31.09	- 6.01	----	----	77	UNCH
05AUG16		----		----		37.10	UNCH	----	----	77	UNCH
08AUG16		----		----		37.10	UNCH	----	----	77	UNCH
09AUG16		----		----		37.10	UNCH	----	----	77	UNCH

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61		
		GLOBAL EX	HIGH/LOW		SETT. PRICE	GLOBAL EX®	PNT/PIT	OPEN
		OPEN			& PT. CHGE	VOLUME	VOLUME	INTEREST
CE FUT	NEW ENGLAND HUB PEAK DAILY							
10AUG16	----	----	37.10	UNCH	----	----	77	UNCH
11AUG16	----	----	37.10	UNCH	----	----	77	UNCH
12AUG16	----	----	37.10	UNCH	----	----	77	UNCH
15AUG16	----	----	37.10	UNCH	----	----	77	UNCH
16AUG16	----	----	37.10	UNCH	----	----	77	UNCH
17AUG16	----	----	37.10	UNCH	----	----	77	UNCH
18AUG16	----	----	37.10	UNCH	----	----	77	UNCH
19AUG16	----	----	37.10	UNCH	----	----	77	UNCH
22AUG16	----	----	37.10	UNCH	----	----	77	UNCH
23AUG16	----	----	37.10	UNCH	----	----	77	UNCH
24AUG16	----	----	37.10	UNCH	----	----	77	UNCH
25AUG16	----	----	37.10	UNCH	----	----	77	UNCH
26AUG16	----	----	37.10	UNCH	----	----	77	UNCH
29AUG16	----	----	37.10	UNCH	----	----	77	UNCH
30AUG16	----	----	37.10	UNCH	----	----	77	UNCH
31AUG16	----	----	37.10	UNCH	----	----	77	UNCH
TOTAL CE FUT							2467	- 87
GN FUT	NEW YORK HUB ZONE G PEAK DAILY							
19JUL16	----	----	39.30	UNCH	----	----	0	- 88
20JUL16	----	----	30.87	UNCH	----	----	88	UNCH
21JUL16	----	----	37.45	UNCH	----	----	88	UNCH
22JUL16	----	----	51.90	UNCH	----	----	88	UNCH
25JUL16	----	----	64.89	UNCH	----	----	88	UNCH
26JUL16	----	----	55.90	UNCH	----	----	88	UNCH
27JUL16	----	----	53.52	UNCH	----	----	88	UNCH
28JUL16	----	----	47.26	UNCH	----	----	88	UNCH
29JUL16	----	----	35.74	UNCH	----	----	88	UNCH
01AUG16	----	----	35.00	UNCH	----	----	93	UNCH
02AUG16	----	----	32.44	UNCH	----	----	93	UNCH
03AUG16	----	----	31.86	UNCH	----	----	93	UNCH
04AUG16	----	----	34.29	- 3.96	----	----	93	UNCH
05AUG16	----	----	38.25	UNCH	----	----	93	UNCH
08AUG16	----	----	38.25	UNCH	----	----	93	UNCH
09AUG16	----	----	38.25	UNCH	----	----	93	UNCH
10AUG16	----	----	38.25	UNCH	----	----	93	UNCH
11AUG16	----	----	38.25	UNCH	----	----	93	UNCH
12AUG16	----	----	38.25	UNCH	----	----	93	UNCH
15AUG16	----	----	38.25	UNCH	----	----	93	UNCH
16AUG16	----	----	38.25	UNCH	----	----	93	UNCH
17AUG16	----	----	38.25	UNCH	----	----	93	UNCH
18AUG16	----	----	38.25	UNCH	----	----	93	UNCH
19AUG16	----	----	38.25	UNCH	----	----	93	UNCH
22AUG16	----	----	38.25	UNCH	----	----	93	UNCH
23AUG16	----	----	38.25	UNCH	----	----	93	UNCH
24AUG16	----	----	38.25	UNCH	----	----	93	UNCH
25AUG16	----	----	38.25	UNCH	----	----	93	UNCH
26AUG16	----	----	38.25	UNCH	----	----	93	UNCH
29AUG16	----	----	38.25	UNCH	----	----	93	UNCH
30AUG16	----	----	38.25	UNCH	----	----	93	UNCH
31AUG16	----	----	38.25	UNCH	----	----	93	UNCH
TOTAL GN FUT							2843	- 88
JN FUT	NEW YORK HUB ZONE J PEAK DAILY							
19JUL16	----	----	43.48	UNCH	----	----	0	- 66
20JUL16	----	----	32.53	UNCH	----	----	66	UNCH
21JUL16	----	----	39.45	UNCH	----	----	66	UNCH
22JUL16	----	----	54.45	UNCH	----	----	66	UNCH
25JUL16	----	----	70.06	UNCH	----	----	66	UNCH
26JUL16	----	----	60.06	UNCH	----	----	66	UNCH
27JUL16	----	----	58.16	UNCH	----	----	66	UNCH
28JUL16	----	----	52.19	UNCH	----	----	66	UNCH
29JUL16	----	----	39.93	UNCH	----	----	66	UNCH
01AUG16	----	----	37.53	UNCH	----	----	66	UNCH
02AUG16	----	----	36.27	UNCH	----	----	66	UNCH
03AUG16	----	----	33.06	UNCH	----	----	66	UNCH
04AUG16	----	----	34.91	- 6.77	----	----	66	UNCH
05AUG16	----	----	41.68	UNCH	----	----	66	UNCH
08AUG16	----	----	41.68	UNCH	----	----	66	UNCH
09AUG16	----	----	41.68	UNCH	----	----	66	UNCH
10AUG16	----	----	41.68	UNCH	----	----	66	UNCH
11AUG16	----	----	41.68	UNCH	----	----	66	UNCH
12AUG16	----	----	41.68	UNCH	----	----	66	UNCH
15AUG16	----	----	41.68	UNCH	----	----	66	UNCH
16AUG16	----	----	41.68	UNCH	----	----	66	UNCH
17AUG16	----	----	41.68	UNCH	----	----	66	UNCH
18AUG16	----	----	41.68	UNCH	----	----	66	UNCH
19AUG16	----	----	41.68	UNCH	----	----	66	UNCH
22AUG16	----	----	41.68	UNCH	----	----	66	UNCH
23AUG16	----	----	41.68	UNCH	----	----	66	UNCH
24AUG16	----	----	41.68	UNCH	----	----	66	UNCH
25AUG16	----	----	41.68	UNCH	----	----	66	UNCH
26AUG16	----	----	41.68	UNCH	----	----	66	UNCH
29AUG16	----	----	41.68	UNCH	----	----	66	UNCH
30AUG16	----	----	41.68	UNCH	----	----	66	UNCH
31AUG16	----	----	41.68	UNCH	----	----	66	UNCH
TOTAL JN FUT							2046	- 66
UO FUT	NORTHERN ILLINOIS OFF-PEAK MONTHLY							
JUL16	----	----	22.08	UNCH	----	----	80	UNCH
AUG16	----	----	21.41	- 0.01	----	----	80	UNCH
SEP16	----	----	19.81	+ 0.25	----	----	80	UNCH
OCT16	----	----	20.55	+ 0.37	----	----	80	UNCH
NOV16	----	----	21.00	UNCH	----	----	80	UNCH
DEC16	----	----	24.43	UNCH	----	----	80	UNCH
TOTAL UO FUT							480	
KA FUT	NYISO A							
JUL16	----	----	58.52	UNCH	----	----	420	UNCH
AUG16	----	----	49.39	+ 0.48	----	----	460	UNCH
SEP16	----	----	36.18	- 0.02	----	----	420	UNCH
OCT16	----	----	35.18	+ 0.68	----	----	420	UNCH
NOV16	----	----	33.08	+ 0.43	----	----	420	UNCH
DEC16	----	----	41.63	+ 0.28	----	----	420	UNCH
TOTAL KA FUT							2560	
KB FUT	NYISO A OFF-PEAK							

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61	
		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE	LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST
KB FUT	NYISO A OFF-PEAK						
JUL16		----	----	23.56 UNCH	----	----	130 UNCH
AUG16		----	----	21.92 - 0.09	----	----	130 UNCH
SEP16		----	----	18.38 - 0.45	----	----	130 UNCH
OCT16		----	----	17.73 - 0.05	----	----	130 UNCH
NOV16		----	----	20.90 + 0.22	----	----	130 UNCH
DEC16		----	----	29.95 + 0.12	----	----	140 UNCH
TOTAL KB FUT							790
KG FUT	NYISO G						
JUL16		----	----	44.29 UNCH	----	----	40 UNCH
AUG16		----	----	37.41 - 0.17	----	----	46 UNCH
SEP16		----	----	31.98 + 0.23	----	----	42 UNCH
OCT16		----	----	31.28 + 0.20	----	----	42 UNCH
NOV16		----	----	36.10 + 0.35	----	----	42 UNCH
DEC16		----	----	48.38 + 0.03	----	----	42 UNCH
TOTAL KG FUT							254
KH FUT	NYISO G OFF-PEAK						
JUL16		----	----	25.04 UNCH	----	----	30 UNCH
AUG16		----	----	24.08 - 0.11	----	----	30 UNCH
SEP16		----	----	20.63 + 0.21	----	----	30 UNCH
OCT16		----	----	20.73 + 0.25	----	----	20 UNCH
NOV16		----	----	27.03 + 0.18	----	----	20 UNCH
DEC16		----	----	36.23 + 0.08	----	----	20 UNCH
TOTAL KH FUT							150
KJ FUT	NYISO J						
JUL16		----	----	47.35 UNCH	----	----	440 UNCH
AUG16		----	----	40.60 - 0.29	----	----	506 UNCH
SEP16		----	----	34.55 + 0.42	----	----	336 UNCH
OCT16		----	----	32.78 + 0.41	----	----	357 UNCH
NOV16		----	----	37.68 + 0.48	----	----	336 UNCH
DEC16		----	----	50.98 + 0.30	----	----	336 UNCH
JAN17		----	----	79.76 + 1.58	----	----	105 UNCH
FEB17		----	----	73.99 + 0.97	----	----	100 UNCH
MAR17		----	----	50.90 + 0.60	----	----	115 UNCH
APR17		----	----	37.25 + 0.25	----	----	100 UNCH
MAY17		----	----	37.00 + 0.30	----	----	110 UNCH
JUN17		----	----	39.90 + 0.30	----	----	110 UNCH
JUL17		----	----	47.75 + 0.20	----	----	240 UNCH
AUG17		----	----	46.40 + 0.25	----	----	276 UNCH
SEP17		----	----	37.00 + 0.10	----	----	100 UNCH
OCT17		----	----	35.00 + 0.20	----	----	110 UNCH
NOV17		----	----	40.90 UNCH	----	----	105 UNCH
DEC17		----	----	51.15 - 0.05	----	----	100 UNCH
TOTAL KJ FUT							3882
KK FUT	NYISO J OFF-PEAK						
JUL16		----	----	26.43 UNCH	----	----	92 UNCH
AUG16		----	----	25.48 - 0.14	----	----	92 UNCH
SEP16		----	----	22.55 + 1.42	----	----	42 UNCH
OCT16		----	----	22.20 + 0.28	----	----	52 UNCH
NOV16		----	----	28.25 + 0.17	----	----	42 UNCH
DEC16		----	----	36.55 + 0.07	----	----	42 UNCH
JAN17		----	----	56.64 + 0.72	----	----	30 UNCH
FEB17		----	----	52.91 + 0.68	----	----	30 UNCH
MAR17		----	----	39.65 - 0.20	----	----	30 UNCH
APR17		----	----	24.65 - 0.40	----	----	30 UNCH
MAY17		----	----	20.45 - 0.10	----	----	30 UNCH
JUN17		----	----	22.05 - 0.10	----	----	30 UNCH
JUL17		----	----	29.23 - 0.10	----	----	30 UNCH
AUG17		----	----	27.27 - 0.10	----	----	30 UNCH
SEP17		----	----	22.55 - 0.10	----	----	30 UNCH
OCT17		----	----	22.80 - 0.10	----	----	30 UNCH
NOV17		----	----	29.20 - 0.10	----	----	30 UNCH
DEC17		----	----	36.45 - 0.10	----	----	30 UNCH
TOTAL KK FUT							722
LHV FUT	NYISO LOW HUD VAL CAP FUT						
NOV16		----	----	3.89 - 0.04	----	----	9 UNCH
DEC16		----	----	3.89 - 0.04	----	----	9 UNCH
JAN17		----	----	3.89 - 0.04	----	----	9 UNCH
FEB17		----	----	3.89 - 0.04	----	----	9 UNCH
MAR17		----	----	3.89 - 0.04	----	----	9 UNCH
APR17		----	----	3.89 - 0.04	----	----	9 UNCH
MAY17		----	----	8.45 UNCH	----	----	12 UNCH
JUN17		----	----	8.45 UNCH	----	----	12 UNCH
JUL17		----	----	8.45 UNCH	----	----	12 UNCH
AUG17		----	----	8.45 UNCH	----	----	12 UNCH
SEP17		----	----	8.45 UNCH	----	----	12 UNCH
OCT17		----	----	8.45 UNCH	----	----	12 UNCH
TOTAL LHV FUT							126
NNC FUT	NYISO NYC IN-CITY CAPACITY CAL MO						
AUG16		----	----	12.21 UNCH	----	----	200 UNCH
SEP16		----	----	12.02 - 0.16	----	----	200 UNCH
OCT16		----	----	12.02 - 0.16	----	----	200 UNCH
NOV16		----	----	4.21 - 0.04	----	----	209 UNCH
DEC16		----	----	4.21 - 0.17	----	----	209 UNCH
JAN17		----	----	4.21 - 0.04	----	----	176 UNCH
FEB17		----	----	4.21 - 0.04	----	----	176 UNCH
MAR17		----	----	4.21 - 0.04	----	----	176 UNCH
APR17		----	----	4.21 - 0.04	----	----	176 UNCH
MAY17		----	----	13.13 UNCH	----	----	29 UNCH
JUN17		----	----	13.13 UNCH	----	----	29 UNCH
JUL17		----	----	13.13 UNCH	----	----	29 UNCH
AUG17		----	----	13.13 UNCH	----	----	29 UNCH
SEP17		----	----	13.13 UNCH	----	----	29 UNCH
OCT17		----	----	13.13 UNCH	----	----	29 UNCH
NOV17		----	----	4.90 - 0.01	----	----	50 UNCH
DEC17		----	----	4.90 - 0.01	----	----	50 UNCH
JAN18		----	----	4.90 - 0.01	----	----	10 UNCH
FEB18		----	----	4.90 - 0.01	----	----	10 UNCH
MAR18		----	----	4.90 - 0.01	----	----	10 UNCH
APR18		----	----	4.90 - 0.01	----	----	10 UNCH
TOTAL NNC FUT							2036

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		GLOBAL EX	OPEN	HIGH/LOW		SETT. PRICE		CHGE		GLOBAL EX®	PNT/PIT	OPEN	
										VOLUME	VOLUME	INTEREST	
NRS FUT	NYISO REST OF STATE CAPACITY CAL MO												
AUG16		----		----		3.64		UNCH		----	----	236	UNCH
SEP16		----		----		3.68	-	0.05		----	----	236	UNCH
OCT16		----		----		3.68	-	0.05		----	----	225	UNCH
NOV16		----		----		1.27	-	0.01		----	----	197	UNCH
DEC16		----		----		1.27	-	0.01		----	----	197	UNCH
JAN17		----		----		1.27	-	0.01		----	----	174	UNCH
FEB17		----		----		1.27	-	0.01		----	----	174	UNCH
MAR17		----		----		1.27	-	0.01		----	----	174	UNCH
APR17		----		----		1.27	-	0.01		----	----	174	UNCH
MAY17		----		----		5.25		UNCH		----	----	87	UNCH
JUN17		----		----		5.25		UNCH		----	----	87	UNCH
JUL17		----		----		5.25		UNCH		----	----	87	UNCH
AUG17		----		----		5.25		UNCH		----	----	87	UNCH
SEP17		----		----		5.25		UNCH		----	----	87	UNCH
OCT17		----		----		5.25		UNCH		----	----	87	UNCH
NOV17		----		----		1.94	-	0.01		----	----	40	UNCH
DEC17		----		----		1.94	-	0.01		----	----	40	UNCH
JAN18		----		----		1.94	-	0.01		----	----	40	UNCH
FEB18		----		----		1.94	-	0.01		----	----	40	UNCH
MAR18		----		----		1.94	-	0.01		----	----	40	UNCH
APR18		----		----		1.94	-	0.01		----	----	40	UNCH
TOTAL	NRS FUT											2549	
K4 FUT	NYISO ZONE A 5MW D AH O PK												
SEP16		----		----		18.38	-	0.45		----	----	24960	UNCH
OCT16		----		----		17.73	-	0.05		----	----	26520	UNCH
NOV16		----		----		20.90	+	0.22		----	----	18095	UNCH
DEC16		----		----		29.95	+	0.12		----	----	19176	UNCH
JAN17		----		----		37.64	+	0.36		----	----	12240	UNCH
FEB17		----		----		33.91	+	0.29		----	----	10560	UNCH
MAR17		----		----		25.15		UNCH		----	----	11250	UNCH
APR17		----		----		16.50		UNCH		----	----	12000	UNCH
MAY17		----		----		16.75		UNCH		----	----	11760	UNCH
JUN17		----		----		17.00		UNCH		----	----	11040	UNCH
JUL17		----		----		23.12		UNCH		----	----	12720	UNCH
AUG17		----		----		21.38		UNCH		----	----	11280	UNCH
SEP17		----		----		16.40		UNCH		----	----	12000	UNCH
OCT17		----		----		19.40		UNCH		----	----	11760	UNCH
NOV17		----		----		21.15		UNCH		----	----	11550	UNCH
DEC17		----		----		26.15		UNCH		----	----	12720	UNCH
JAN18		----		----		34.16	+	0.43		----	----	1960	UNCH
FEB18		----		----		31.10	+	0.43		----	----	1760	UNCH
MAR18		----		----		26.34	-	0.16		----	----	1955	UNCH
APR18		----		----		18.17	-	0.17		----	----	1920	UNCH
MAY18		----		----		17.79	-	0.12		----	----	1960	UNCH
JUN18		----		----		19.10	-	0.12		----	----	1920	UNCH
JUL18		----		----		22.89	-	0.16		----	----	2040	UNCH
AUG18		----		----		22.11	-	0.12		----	----	1880	UNCH
SEP18		----		----		18.71	-	0.12		----	----	2080	UNCH
OCT18		----		----		19.92	-	0.12		----	----	1880	UNCH
NOV18		----		----		20.85	-	0.11		----	----	1925	UNCH
DEC18		----		----		23.96	-	0.16		----	----	2120	UNCH
TOTAL	K4 FUT											253031	
K3 FUT	NYISO ZONE A 5MW D AH PK												
SEP16		----		----		36.18	-	0.02		----	----	798	UNCH
OCT16		----		----		35.18	+	0.68		----	----	798	UNCH
NOV16		----		----		33.08	+	0.43		----	----	798	UNCH
DEC16		----		----		41.63	+	0.28		----	----	798	UNCH
JAN17		----		----		55.86	+	0.64		----	----	441	UNCH
FEB17		----		----		53.39	+	0.16		----	----	420	UNCH
MAR17		----		----		37.40		UNCH		----	----	483	UNCH
APR17		----		----		35.90		UNCH		----	----	420	UNCH
MAY17		----		----		35.15		UNCH		----	----	440	UNCH
JUN17		----		----		36.65		UNCH		----	----	440	UNCH
JUL17		----		----		48.20	+	0.06		----	----	500	UNCH
AUG17		----		----		45.45	+	0.04		----	----	575	UNCH
SEP17		----		----		37.15		UNCH		----	----	400	UNCH
OCT17		----		----		34.85		UNCH		----	----	440	UNCH
NOV17		----		----		35.85		UNCH		----	----	420	UNCH
DEC17		----		----		41.10		UNCH		----	----	400	UNCH
JAN18		----		----		55.45	+	0.34		----	----	176	UNCH
FEB18		----		----		51.24	+	0.29		----	----	160	UNCH
MAR18		----		----		38.83	+	0.04		----	----	176	UNCH
APR18		----		----		32.28	+	0.04		----	----	168	UNCH
MAY18		----		----		33.98	+	0.05		----	----	176	UNCH
JUN18		----		----		35.43	+	0.01		----	----	168	UNCH
JUL18		----		----		46.69	+	0.06		----	----	168	UNCH
AUG18		----		----		41.78	+	0.06		----	----	184	UNCH
SEP18		----		----		34.53	+	0.05		----	----	152	UNCH
OCT18		----		----		34.28	+	0.05		----	----	184	UNCH
NOV18		----		----		35.78	+	0.06		----	----	168	UNCH
DEC18		----		----		40.03	+	0.05		----	----	160	UNCH
TOTAL	K3 FUT											10611	
ZAO FUT	NYISO ZONE A DA OP DAILY												
27JUL16		----		----		20.88		UNCH		----	----	0 -	520
28JUL16		----		----		20.13		UNCH		----	----	520	UNCH
29JUL16		----		----		20.07		UNCH		----	----	520	UNCH
30JUL16		----		----		21.40		UNCH		----	----	1560	UNCH
31JUL16		----		----		22.87		UNCH		----	----	1560	UNCH
01AUG16		----		----		18.96		UNCH		----	----	520	UNCH
02AUG16		----		----		18.60		UNCH		----	----	520	UNCH
03AUG16		----		----		18.91		UNCH		----	----	520	UNCH
04AUG16		----		----		17.89	-	4.34		----	----	520	UNCH
05AUG16		----		----		22.23		UNCH		----	----	520	UNCH
06AUG16		----		----		22.23		UNCH		----	----	1560	UNCH
07AUG16		----		----		22.23		UNCH		----	----	1560	UNCH
08AUG16		----		----		22.23		UNCH		----	----	520	UNCH
09AUG16		----		----		22.23		UNCH		----	----	520	UNCH
10AUG16		----		----		22.23		UNCH		----	----	520	UNCH
11AUG16		----		----		22.23		UNCH		----	----	520	UNCH
12AUG16		----		----		22.23		UNCH		----	----	520	UNCH
13AUG16		----		----		22.23		UNCH		----	----	1560	UNCH
14AUG16		----		----		22.23		UNCH		----	----	1560	UNCH
15AUG16		----		----		22.23		UNCH		----	----	520	UNCH
16AUG16		----		----		22.23		UNCH		----	----	520	UNCH

GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
ZAO FUT	NYISO ZONE A DA OP DAILY							
17AUG16	----	----	22.23	UNCH	----	----	520	UNCH
18AUG16	----	----	22.23	UNCH	----	----	520	UNCH
19AUG16	----	----	22.23	UNCH	----	----	520	UNCH
20AUG16	----	----	22.23	UNCH	----	----	1560	UNCH
21AUG16	----	----	22.23	UNCH	----	----	1560	UNCH
22AUG16	----	----	22.23	UNCH	----	----	520	UNCH
23AUG16	----	----	22.23	UNCH	----	----	520	UNCH
24AUG16	----	----	22.23	UNCH	----	----	520	UNCH
25AUG16	----	----	22.23	UNCH	----	----	520	UNCH
26AUG16	----	----	22.23	UNCH	----	----	520	UNCH
27AUG16	----	----	22.23	UNCH	----	----	1560	UNCH
28AUG16	----	----	22.23	UNCH	----	----	1560	UNCH
29AUG16	----	----	22.23	UNCH	----	----	520	UNCH
30AUG16	----	----	22.23	UNCH	----	----	520	UNCH
31AUG16	----	----	22.23	UNCH	----	----	520	UNCH
TOTAL	ZAO FUT						28600	- 520
AN FUT	NYISO ZONE A LBMP FUTURE							
19JUL16	----	----	49.15	UNCH	----	----	0	- 43
20JUL16	----	----	33.95	UNCH	----	----	43	UNCH
21JUL16	----	----	72.01	UNCH	----	----	43	UNCH
22JUL16	----	----	67.02	UNCH	----	----	43	UNCH
25JUL16	----	----	76.09	UNCH	----	----	43	UNCH
26JUL16	----	----	62.24	UNCH	----	----	43	UNCH
27JUL16	----	----	70.20	UNCH	----	----	43	UNCH
28JUL16	----	----	57.64	UNCH	----	----	43	UNCH
29JUL16	----	----	45.57	UNCH	----	----	43	UNCH
01AUG16	----	----	49.95	UNCH	----	----	43	UNCH
02AUG16	----	----	53.23	UNCH	----	----	43	UNCH
03AUG16	----	----	53.67	UNCH	----	----	43	UNCH
04AUG16	----	----	59.60	+ 11.20	----	----	43	UNCH
05AUG16	----	----	48.40	UNCH	----	----	43	UNCH
08AUG16	----	----	48.40	UNCH	----	----	43	UNCH
09AUG16	----	----	48.40	UNCH	----	----	43	UNCH
10AUG16	----	----	48.40	UNCH	----	----	43	UNCH
11AUG16	----	----	48.40	UNCH	----	----	43	UNCH
12AUG16	----	----	48.40	UNCH	----	----	43	UNCH
15AUG16	----	----	48.40	UNCH	----	----	43	UNCH
16AUG16	----	----	48.40	UNCH	----	----	43	UNCH
17AUG16	----	----	48.40	UNCH	----	----	43	UNCH
18AUG16	----	----	48.40	UNCH	----	----	43	UNCH
19AUG16	----	----	48.40	UNCH	----	----	43	UNCH
22AUG16	----	----	48.40	UNCH	----	----	43	UNCH
23AUG16	----	----	48.40	UNCH	----	----	43	UNCH
24AUG16	----	----	48.40	UNCH	----	----	43	UNCH
25AUG16	----	----	48.40	UNCH	----	----	43	UNCH
26AUG16	----	----	48.40	UNCH	----	----	43	UNCH
29AUG16	----	----	48.40	UNCH	----	----	43	UNCH
30AUG16	----	----	48.40	UNCH	----	----	43	UNCH
31AUG16	----	----	48.40	UNCH	----	----	43	UNCH
TOTAL	AN FUT						1333	- 43
A3 FUT	NYISO ZONE C 5MW D AH O PK							
JUL16	----	----	22.18	UNCH	----	----	2120	UNCH
AUG16	----	----	20.62	- 0.07	----	----	1880	UNCH
SEP16	----	----	17.25	- 0.25	----	----	8832	UNCH
OCT16	----	----	17.00	+ 0.25	----	----	9384	UNCH
NOV16	----	----	20.50	+ 0.25	----	----	8855	UNCH
DEC16	----	----	28.75	+ 0.25	----	----	9384	UNCH
TOTAL	A3 FUT						40455	
Q5 FUT	NYISO ZONE C 5MW D AH PK							
JUL16	----	----	38.75	UNCH	----	----	100	UNCH
AUG16	----	----	33.66	- 0.03	----	----	115	UNCH
SEP16	----	----	28.60	UNCH	----	----	483	UNCH
OCT16	----	----	30.25	+ 0.50	----	----	483	UNCH
NOV16	----	----	28.50	+ 0.50	----	----	483	UNCH
DEC16	----	----	36.50	+ 0.50	----	----	483	UNCH
TOTAL	Q5 FUT						2147	
58 FUT	NYISO ZONE E 5MW DAY AHEAD OFF-PEAK							
JUL16	----	----	22.60	UNCH	----	----	1696	UNCH
AUG16	----	----	22.97	- 0.11	----	----	1504	UNCH
SEP16	----	----	19.50	- 0.12	----	----	1536	UNCH
OCT16	----	----	19.23	+ 0.10	----	----	1632	UNCH
NOV16	----	----	23.96	+ 0.20	----	----	1540	UNCH
DEC16	----	----	33.09	+ 0.10	----	----	1632	UNCH
JAN17	----	----	46.06	+ 0.54	----	----	1632	UNCH
FEB17	----	----	42.48	+ 0.48	----	----	1408	UNCH
MAR17	----	----	31.65	- 0.10	----	----	1500	UNCH
APR17	----	----	20.00	- 0.20	----	----	1600	UNCH
MAY17	----	----	18.02	- 0.06	----	----	1568	UNCH
JUN17	----	----	18.90	- 0.05	----	----	1472	UNCH
JUL17	----	----	24.84	- 0.05	----	----	1696	UNCH
AUG17	----	----	23.06	- 0.05	----	----	1504	UNCH
SEP17	----	----	18.85	- 0.05	----	----	1600	UNCH
OCT17	----	----	20.40	- 0.05	----	----	1568	UNCH
NOV17	----	----	24.22	- 0.06	----	----	1540	UNCH
DEC17	----	----	30.22	- 0.06	----	----	1696	UNCH
TOTAL	58 FUT						28324	
55 FUT	NYISO ZONE E 5MW DAY AHEAD PEAK							
JUL16	----	----	38.49	UNCH	----	----	80	UNCH
AUG16	----	----	41.30	- 0.45	----	----	92	UNCH
SEP16	----	----	34.08	+ 0.10	----	----	84	UNCH
OCT16	----	----	33.23	+ 0.44	----	----	84	UNCH
NOV16	----	----	34.59	+ 0.39	----	----	84	UNCH
DEC16	----	----	45.00	+ 0.15	----	----	84	UNCH
JAN17	----	----	65.26	+ 0.79	----	----	84	UNCH
FEB17	----	----	62.36	+ 0.28	----	----	80	UNCH
MAR17	----	----	42.65	+ 0.25	----	----	92	UNCH
APR17	----	----	35.08	+ 0.13	----	----	80	UNCH
MAY17	----	----	34.20	+ 0.12	----	----	88	UNCH
JUN17	----	----	35.95	+ 0.13	----	----	88	UNCH
JUL17	----	----	45.64	+ 0.11	----	----	80	UNCH
AUG17	----	----	43.26	+ 0.12	----	----	92	UNCH
SEP17	----	----	35.08	UNCH	----	----	80	UNCH



PG61 BULLETIN #148@			ENERGY FUTURES PRODUCTS				wed, Aug 03, 2016 PG61						
GLOBEX OPEN			GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST		
55 FUT NYISO ZONE E 5MW DAY AHEAD PEAK													
OCT17			----	----	33.50 + 0.08		----	----			88	UNCH	
NOV17			----	----	36.62 - 0.06		----	----			84	UNCH	
DEC17			----	----	44.25 - 0.05		----	----			80	UNCH	
TOTAL 55 FUT												1524	
4M FUT NYISO ZONE F 5MW DAY AHEAD OFF-PEAK													
JUL16			----	----	24.00		----	----			2120	UNCH	
AUG16			----	----	22.73 - 0.09		----	----			1880	UNCH	
SEP16			----	----	20.25 + 0.50		----	----			1920	UNCH	
OCT16			----	----	20.65 + 0.15		----	----			2040	UNCH	
NOV16			----	----	28.15 + 0.15		----	----			1925	UNCH	
DEC16			----	----	39.15 + 0.15		----	----			2040	UNCH	
TOTAL 4M FUT												11925	
4L FUT NYISO ZONE F 5MW DAY AHEAD PEAK													
JUL16			----	----	39.72		----	----			100	UNCH	
AUG16			----	----	35.03 - 0.09		----	----			115	UNCH	
SEP16			----	----	29.50 + 1.00		----	----			105	UNCH	
OCT16			----	----	28.85 + 0.60		----	----			105	UNCH	
NOV16			----	----	35.45 - 0.15		----	----			105	UNCH	
DEC16			----	----	50.25 - 0.50		----	----			105	UNCH	
TOTAL 4L FUT												635	
D2 FUT NYISO ZONE G 5MW D AH O PK													
SEP16			----	----	20.63 + 0.21		----	----			13056	UNCH	
OCT16			----	----	20.73 + 0.25		----	----			14280	UNCH	
NOV16			----	----	27.03 + 0.18		----	----			7700	UNCH	
DEC16			----	----	36.23 + 0.08		----	----			9384	UNCH	
JAN17			----	----	54.49 + 0.72		----	----			20400	UNCH	
FEB17			----	----	51.06 + 0.68		----	----			17600	UNCH	
MAR17			----	----	38.15 - 0.20		----	----			13125	UNCH	
APR17			----	----	23.50 - 0.40		----	----			14000	UNCH	
MAY17			----	----	19.30 - 0.10		----	----			13720	UNCH	
JUN17			----	----	20.80 - 0.10		----	----			12880	UNCH	
JUL17			----	----	26.56 - 0.10		----	----			14840	UNCH	
AUG17			----	----	24.74 - 0.10		----	----			13160	UNCH	
SEP17			----	----	21.30 - 0.10		----	----			14000	UNCH	
OCT17			----	----	21.40 - 0.10		----	----			13720	UNCH	
NOV17			----	----	27.30 - 0.10		----	----			13475	UNCH	
DEC17			----	----	34.30 - 0.10		----	----			14840	UNCH	
JAN18			----	----	55.99 + 1.28		----	----			14504	UNCH	
FEB18			----	----	51.51 + 1.22		----	----			13024	UNCH	
MAR18			----	----	35.72 - 0.17		----	----			14467	UNCH	
APR18			----	----	22.14 - 0.18		----	----			14208	UNCH	
MAY18			----	----	18.85 - 0.14		----	----			14504	UNCH	
JUN18			----	----	20.59 - 0.14		----	----			14208	UNCH	
JUL18			----	----	26.56 - 0.18		----	----			15096	UNCH	
AUG18			----	----	25.27 - 0.13		----	----			13912	UNCH	
SEP18			----	----	21.29 - 0.13		----	----			15392	UNCH	
OCT18			----	----	22.48 - 0.14		----	----			13912	UNCH	
NOV18			----	----	26.07 - 0.13		----	----			14245	UNCH	
DEC18			----	----	34.72 - 0.17		----	----			15688	UNCH	
TOTAL D2 FUT												393340	
T3 FUT NYISO ZONE G 5MW D AH PK													
SEP16			----	----	31.98 + 0.23		----	----			1428	UNCH	
OCT16			----	----	31.28 + 0.20		----	----			1428	UNCH	
NOV16			----	----	36.10 + 0.35		----	----			1638	UNCH	
DEC16			----	----	48.38 + 0.03		----	----			1428	UNCH	
JAN17			----	----	74.66 + 0.94		----	----			651	UNCH	
FEB17			----	----	71.34 + 0.42		----	----			620	UNCH	
MAR17			----	----	47.90 + 0.50		----	----			713	UNCH	
APR17			----	----	34.25 + 0.25		----	----			620	UNCH	
MAY17			----	----	33.25 + 0.25		----	----			682	UNCH	
JUN17			----	----	35.25 + 0.25		----	----			682	UNCH	
JUL17			----	----	43.08 + 0.16		----	----			440	UNCH	
AUG17			----	----	41.07 + 0.19		----	----			506	UNCH	
SEP17			----	----	33.00 UNCH		----	----			620	UNCH	
OCT17			----	----	32.15 + 0.15		----	----			682	UNCH	
NOV17			----	----	37.40 - 0.10		----	----			651	UNCH	
DEC17			----	----	47.40 - 0.10		----	----			620	UNCH	
JAN18			----	----	74.41 + 1.44		----	----			924	UNCH	
FEB18			----	----	70.09 + 1.36		----	----			840	UNCH	
MAR18			----	----	46.68 - 0.27		----	----			924	UNCH	
APR18			----	----	32.66 - 0.23		----	----			882	UNCH	
MAY18			----	----	33.78 - 0.23		----	----			924	UNCH	
JUN18			----	----	34.64 - 0.28		----	----			882	UNCH	
JUL18			----	----	45.36 - 0.32		----	----			882	UNCH	
AUG18			----	----	42.21 - 0.28		----	----			966	UNCH	
SEP18			----	----	33.17 - 0.23		----	----			798	UNCH	
OCT18			----	----	32.15 - 0.24		----	----			966	UNCH	
NOV18			----	----	37.94 - 0.23		----	----			882	UNCH	
DEC18			----	----	49.12 - 0.27		----	----			840	UNCH	
TOTAL T3 FUT												24119	
ZGO FUT NYISO ZONE G DA OP DAILY													
27JUL16			----	----	23.45		----	----			0	- 272	
28JUL16			----	----	22.37		----	----			272	UNCH	
29JUL16			----	----	23.12		----	----			272	UNCH	
30JUL16			----	----	24.38		----	----			816	UNCH	
31JUL16			----	----	23.30		----	----			816	UNCH	
01AUG16			----	----	21.21		----	----			272	UNCH	
02AUG16			----	----	20.35		----	----			272	UNCH	
03AUG16			----	----	20.53		----	----			272	UNCH	
04AUG16			----	----	19.17 - 5.26		----	----			272	UNCH	
05AUG16			----	----	24.43		----	----			272	UNCH	
06AUG16			----	----	24.43		----	----			816	UNCH	
07AUG16			----	----	24.43		----	----			816	UNCH	
08AUG16			----	----	24.43		----	----			272	UNCH	
09AUG16			----	----	24.43		----	----			272	UNCH	
10AUG16			----	----	24.43		----	----			272	UNCH	
11AUG16			----	----	24.43		----	----			272	UNCH	
12AUG16			----	----	24.43		----	----			272	UNCH	
13AUG16			----	----	24.43		----	----			816	UNCH	
14AUG16			----	----	24.43		----	----			816	UNCH	
15AUG16			----	----	24.43		----	----			272	UNCH	
16AUG16			----	----	24.43		----	----			272	UNCH	



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PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61	
		GLOBAL EX OPEN	GLOBAL EX HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL EX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST
ZGO FUT	NYISO ZONE G DA OP DAILY						
17AUG16	----	----	24.43	UNCH	----	----	272 UNCH
18AUG16	----	----	24.43	UNCH	----	----	272 UNCH
19AUG16	----	----	24.43	UNCH	----	----	272 UNCH
20AUG16	----	----	24.43	UNCH	----	----	816 UNCH
21AUG16	----	----	24.43	UNCH	----	----	816 UNCH
22AUG16	----	----	24.43	UNCH	----	----	272 UNCH
23AUG16	----	----	24.43	UNCH	----	----	272 UNCH
24AUG16	----	----	24.43	UNCH	----	----	272 UNCH
25AUG16	----	----	24.43	UNCH	----	----	272 UNCH
26AUG16	----	----	24.43	UNCH	----	----	272 UNCH
27AUG16	----	----	24.43	UNCH	----	----	816 UNCH
28AUG16	----	----	24.43	UNCH	----	----	816 UNCH
29AUG16	----	----	24.43	UNCH	----	----	272 UNCH
30AUG16	----	----	24.43	UNCH	----	----	272 UNCH
31AUG16	----	----	24.43	UNCH	----	----	272 UNCH
TOTAL ZGO FUT							14960 - 272
D4 FUT	NYISO ZONE J 5MW D AH O PK						
OCT16	----	----	22.20	+ 0.28	----	----	2040 UNCH
NOV16	----	----	28.25	+ 0.17	----	----	1925 UNCH
DEC16	----	----	36.55	+ 0.07	----	----	2040 UNCH
JAN17	----	----	56.64	+ 0.72	----	----	2040 UNCH
FEB17	----	----	52.91	+ 0.68	----	----	1760 UNCH
MAR17	----	----	39.65	- 0.20	----	----	1875 UNCH
APR17	----	----	24.65	- 0.40	----	----	2000 UNCH
MAY17	----	----	20.45	- 0.10	----	----	1960 UNCH
JUN17	----	----	22.05	- 0.10	----	----	1840 UNCH
JUL17	----	----	29.23	- 0.10	----	----	2120 UNCH
AUG17	----	----	27.27	- 0.10	----	----	1880 UNCH
SEP17	----	----	22.55	- 0.10	----	----	2000 UNCH
OCT17	----	----	22.80	- 0.10	----	----	1960 UNCH
NOV17	----	----	29.20	- 0.10	----	----	1925 UNCH
DEC17	----	----	36.45	- 0.10	----	----	2120 UNCH
JAN18	----	----	58.76	+ 0.65	----	----	7840 UNCH
FEB18	----	----	54.49	+ 0.63	----	----	7040 UNCH
MAR18	----	----	36.60	- 0.05	----	----	7820 UNCH
APR18	----	----	23.74	- 0.10	----	----	7680 UNCH
MAY18	----	----	20.08	- 0.07	----	----	7840 UNCH
JUN18	----	----	22.67	- 0.06	----	----	7680 UNCH
JUL18	----	----	29.69	- 0.07	----	----	8160 UNCH
AUG18	----	----	28.72	- 0.03	----	----	7520 UNCH
SEP18	----	----	21.30	- 0.06	----	----	8320 UNCH
OCT18	----	----	24.30	- 0.05	----	----	7520 UNCH
NOV18	----	----	27.81	- 0.03	----	----	7700 UNCH
DEC18	----	----	36.14	- 0.05	----	----	8480 UNCH
JAN19	----	----	58.88	+ 0.67	----	----	392 UNCH
FEB19	----	----	54.60	+ 0.66	----	----	352 UNCH
MAR19	----	----	37.10	+ 0.41	----	----	407 UNCH
APR19	----	----	24.14	+ 0.23	----	----	368 UNCH
MAY19	----	----	20.99	+ 0.24	----	----	392 UNCH
JUN19	----	----	23.31	+ 0.28	----	----	400 UNCH
JUL19	----	----	31.24	+ 0.34	----	----	392 UNCH
AUG19	----	----	31.04	+ 0.33	----	----	392 UNCH
SEP19	----	----	23.36	+ 0.28	----	----	400 UNCH
OCT19	----	----	24.39	+ 0.29	----	----	376 UNCH
NOV19	----	----	29.22	+ 0.36	----	----	401 UNCH
DEC19	----	----	35.92	+ 0.40	----	----	408 UNCH
JAN20	----	----	58.16	+ 1.92	----	----	392 UNCH
FEB20	----	----	54.29	+ 1.83	----	----	376 UNCH
MAR20	----	----	38.93	+ 1.28	----	----	391 UNCH
APR20	----	----	23.38	+ 0.74	----	----	368 UNCH
MAY20	----	----	22.17	+ 0.74	----	----	424 UNCH
JUN20	----	----	24.63	+ 0.82	----	----	368 UNCH
JUL20	----	----	31.40	+ 1.02	----	----	376 UNCH
AUG20	----	----	29.90	+ 0.97	----	----	408 UNCH
SEP20	----	----	25.07	+ 0.84	----	----	384 UNCH
OCT20	----	----	25.65	+ 0.86	----	----	392 UNCH
NOV20	----	----	28.88	+ 0.97	----	----	401 UNCH
DEC20	----	----	37.14	+ 1.22	----	----	392 UNCH
TOTAL D4 FUT							132437
D3 FUT	NYISO ZONE J 5MW D AH PK						
SEP16	----	----	34.55	+ 0.42	----	----	861 UNCH
OCT16	----	----	32.78	+ 0.41	----	----	861 UNCH
NOV16	----	----	37.68	+ 0.48	----	----	861 UNCH
DEC16	----	----	50.98	+ 0.30	----	----	861 UNCH
JAN17	----	----	79.76	+ 1.58	----	----	126 UNCH
FEB17	----	----	73.99	+ 0.97	----	----	120 UNCH
MAR17	----	----	50.90	+ 0.60	----	----	138 UNCH
APR17	----	----	37.25	+ 0.25	----	----	120 UNCH
MAY17	----	----	37.00	+ 0.30	----	----	132 UNCH
JUN17	----	----	39.90	+ 0.30	----	----	132 UNCH
JUL17	----	----	47.75	+ 0.20	----	----	300 UNCH
AUG17	----	----	46.40	+ 0.25	----	----	345 UNCH
SEP17	----	----	37.00	+ 0.10	----	----	120 UNCH
OCT17	----	----	35.00	+ 0.20	----	----	132 UNCH
NOV17	----	----	40.90	UNCH	----	----	126 UNCH
DEC17	----	----	51.15	- 0.05	----	----	120 UNCH
JAN18	----	----	81.51	+ 0.46	----	----	440 UNCH
FEB18	----	----	76.72	+ 0.42	----	----	400 UNCH
MAR18	----	----	49.83	+ 0.07	----	----	440 UNCH
APR18	----	----	34.69	UNCH	----	----	420 UNCH
MAY18	----	----	36.68	+ 0.02	----	----	440 UNCH
JUN18	----	----	38.62	- 0.01	----	----	420 UNCH
JUL18	----	----	49.47	+ 0.02	----	----	420 UNCH
AUG18	----	----	47.18	+ 0.05	----	----	460 UNCH
SEP18	----	----	36.27	+ 0.02	----	----	380 UNCH
OCT18	----	----	35.15	+ 0.01	----	----	460 UNCH
NOV18	----	----	41.11	+ 0.05	----	----	420 UNCH
DEC18	----	----	51.76	+ 0.08	----	----	400 UNCH
JAN19	----	----	81.70	+ 1.05	----	----	22 UNCH
FEB19	----	----	75.65	+ 0.95	----	----	20 UNCH
MAR19	----	----	50.90	+ 0.64	----	----	21 UNCH
APR19	----	----	36.05	+ 0.40	----	----	22 UNCH
MAY19	----	----	35.05	+ 0.38	----	----	22 UNCH
JUN19	----	----	40.15	+ 0.47	----	----	20 UNCH
JUL19	----	----	52.95	+ 0.63	----	----	22 UNCH



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D3 FUT	NYISO ZONE J 5MW D AH PK								
AUG19	----	----	50.00	+	0.58	----	----	22	UNCH
SEP19	----	----	38.25	+	0.43	----	----	20	UNCH
OCT19	----	----	37.65	+	0.47	----	----	23	UNCH
NOV19	----	----	41.85	+	0.54	----	----	20	UNCH
DEC19	----	----	50.80	+	0.64	----	----	21	UNCH
JAN20	----	----	83.84	+	0.97	----	----	22	UNCH
FEB20	----	----	77.55	+	0.88	----	----	20	UNCH
MAR20	----	----	52.13	+	0.61	----	----	22	UNCH
APR20	----	----	35.80	+	0.37	----	----	22	UNCH
MAY20	----	----	37.90	+	0.40	----	----	20	UNCH
JUN20	----	----	39.10	+	0.42	----	----	22	UNCH
JUL20	----	----	52.58	+	0.57	----	----	23	UNCH
AUG20	----	----	47.89	+	0.50	----	----	21	UNCH
SEP20	----	----	36.80	+	0.39	----	----	21	UNCH
OCT20	----	----	37.00	+	0.39	----	----	22	UNCH
NOV20	----	----	43.79	+	0.49	----	----	20	UNCH
DEC20	----	----	52.63	+	0.62	----	----	22	UNCH
TOTAL D3 FUT								10967	
Z30 FUT	NYISO ZONE J DA OP DAILY								
27JUL16	----	----	26.19		UNCH	----	----	0 - 40	
28JUL16	----	----	24.19		UNCH	----	----	40	UNCH
29JUL16	----	----	24.88		UNCH	----	----	40	UNCH
30JUL16	----	----	27.25		UNCH	----	----	120	UNCH
31JUL16	----	----	24.82		UNCH	----	----	120	UNCH
01AUG16	----	----	21.98		UNCH	----	----	40	UNCH
02AUG16	----	----	20.61		UNCH	----	----	40	UNCH
03AUG16	----	----	20.76		UNCH	----	----	40	UNCH
04AUG16	----	----	19.34	-	6.59	----	----	40	UNCH
05AUG16	----	----	25.93		UNCH	----	----	40	UNCH
06AUG16	----	----	25.93		UNCH	----	----	120	UNCH
07AUG16	----	----	25.93		UNCH	----	----	120	UNCH
08AUG16	----	----	25.93		UNCH	----	----	40	UNCH
09AUG16	----	----	25.93		UNCH	----	----	40	UNCH
10AUG16	----	----	25.93		UNCH	----	----	40	UNCH
11AUG16	----	----	25.93		UNCH	----	----	40	UNCH
12AUG16	----	----	25.93		UNCH	----	----	40	UNCH
13AUG16	----	----	25.93		UNCH	----	----	120	UNCH
14AUG16	----	----	25.93		UNCH	----	----	120	UNCH
15AUG16	----	----	25.93		UNCH	----	----	40	UNCH
16AUG16	----	----	25.93		UNCH	----	----	40	UNCH
17AUG16	----	----	25.93		UNCH	----	----	40	UNCH
18AUG16	----	----	25.93		UNCH	----	----	40	UNCH
19AUG16	----	----	25.93		UNCH	----	----	40	UNCH
20AUG16	----	----	25.93		UNCH	----	----	120	UNCH
21AUG16	----	----	25.93		UNCH	----	----	120	UNCH
22AUG16	----	----	25.93		UNCH	----	----	40	UNCH
23AUG16	----	----	25.93		UNCH	----	----	40	UNCH
24AUG16	----	----	25.93		UNCH	----	----	40	UNCH
25AUG16	----	----	25.93		UNCH	----	----	40	UNCH
26AUG16	----	----	25.93		UNCH	----	----	40	UNCH
27AUG16	----	----	25.93		UNCH	----	----	120	UNCH
28AUG16	----	----	25.93		UNCH	----	----	120	UNCH
29AUG16	----	----	25.93		UNCH	----	----	40	UNCH
30AUG16	----	----	25.93		UNCH	----	----	40	UNCH
31AUG16	----	----	25.93		UNCH	----	----	40	UNCH
TOTAL Z30 FUT								2200 - 40	
OFD FUT	ONTARIO OFF-PK CALENDAR DAY FUT								
26JUL16	----	----	9.47		UNCH	----	----	0 - 184	
27JUL16	----	----	17.24		UNCH	----	----	184	UNCH
28JUL16	----	----	24.68		UNCH	----	----	184	UNCH
29JUL16	----	----	14.50		UNCH	----	----	184	UNCH
30JUL16	----	----	11.63		UNCH	----	----	552	UNCH
31JUL16	----	----	14.54		UNCH	----	----	552	UNCH
01AUG16	----	----	11.33		UNCH	----	----	184	UNCH
02AUG16	----	----	19.29	+	2.02	----	----	184	UNCH
03AUG16	----	----	19.04	+	5.66	----	----	184	UNCH
04AUG16	----	----	13.38		UNCH	----	----	184	UNCH
05AUG16	----	----	13.38		UNCH	----	----	184	UNCH
06AUG16	----	----	13.38		UNCH	----	----	552	UNCH
07AUG16	----	----	13.38		UNCH	----	----	552	UNCH
08AUG16	----	----	13.38		UNCH	----	----	184	UNCH
09AUG16	----	----	13.38		UNCH	----	----	184	UNCH
10AUG16	----	----	13.38		UNCH	----	----	184	UNCH
11AUG16	----	----	13.38		UNCH	----	----	184	UNCH
12AUG16	----	----	13.38		UNCH	----	----	184	UNCH
13AUG16	----	----	13.38		UNCH	----	----	552	UNCH
14AUG16	----	----	13.38		UNCH	----	----	552	UNCH
15AUG16	----	----	13.38		UNCH	----	----	184	UNCH
16AUG16	----	----	13.38		UNCH	----	----	184	UNCH
17AUG16	----	----	13.38		UNCH	----	----	184	UNCH
18AUG16	----	----	13.38		UNCH	----	----	184	UNCH
19AUG16	----	----	13.38		UNCH	----	----	184	UNCH
20AUG16	----	----	13.38		UNCH	----	----	552	UNCH
21AUG16	----	----	13.38		UNCH	----	----	552	UNCH
22AUG16	----	----	13.38		UNCH	----	----	184	UNCH
23AUG16	----	----	13.38		UNCH	----	----	184	UNCH
24AUG16	----	----	13.38		UNCH	----	----	184	UNCH
25AUG16	----	----	13.38		UNCH	----	----	184	UNCH
26AUG16	----	----	13.38		UNCH	----	----	184	UNCH
27AUG16	----	----	13.38		UNCH	----	----	552	UNCH
28AUG16	----	----	13.38		UNCH	----	----	552	UNCH
29AUG16	----	----	13.38		UNCH	----	----	184	UNCH
30AUG16	----	----	13.38		UNCH	----	----	184	UNCH
31AUG16	----	----	13.38		UNCH	----	----	184	UNCH
TOTAL OFD FUT								10304 - 184	
OFM FUT	ONTARIO OFF-PK CAL-MO FUT								
SEP16	----	----	9.61	+	0.24	----	----	8832	UNCH
OCT16	----	----	8.15	-	0.24	----	----	9384	UNCH
NOV16	----	----	9.66	+	0.40	----	----	8855	UNCH
DEC16	----	----	13.06	+	0.47	----	----	9384	UNCH
JAN17	----	----	26.75	+	0.92	----	----	4080	UNCH
FEB17	----	----	26.75	+	0.92	----	----	3520	UNCH
MAR17	----	----	16.62	+	0.53	----	----	3750	UNCH
APR17	----	----	12.88	+	0.26	----	----	4000	UNCH

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016 PG61	
		GLOBAL EX	PRICE		GLOBAL EX®	PNT/PIT	OPEN	
		OPEN	HIGH/LOW	SETT. & PT. CHGE	VOLUME	VOLUME	INTEREST	
OFM FUT	ONTARIO OFF-PK CAL-MO FUT							
MAY17	----	----	8.03 + 0.12	----	----	----	3920	UNCH
JUN17	----	----	10.70 + 0.15	----	----	----	3680	UNCH
JUL17	----	----	13.76 + 0.17	----	----	----	4240	UNCH
AUG17	----	----	13.75 + 0.16	----	----	----	3760	UNCH
SEP17	----	----	9.61 + 0.11	----	----	----	4000	UNCH
OCT17	----	----	8.27 + 0.10	----	----	----	3920	UNCH
NOV17	----	----	9.73 + 0.11	----	----	----	3850	UNCH
DEC17	----	----	12.25 + 0.12	----	----	----	4240	UNCH
TOTAL OFM FUT							83415	
OPD FUT	ONTARIO PEAK CAL-DAY FUT							
26JUL16	----	----	35.62 UNCH	----	----	----	0 - 20	
27JUL16	----	----	34.41 UNCH	----	----	----	20 UNCH	
28JUL16	----	----	44.04 UNCH	----	----	----	20 UNCH	
29JUL16	----	----	27.61 UNCH	----	----	----	20 UNCH	
01AUG16	----	----	28.02 UNCH	----	----	----	20 UNCH	
02AUG16	----	----	57.76 + 24.24	----	----	----	20 UNCH	
03AUG16	----	----	44.25 + 16.25	----	10	----	30 + 10	
04AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
05AUG16	----	----	28.00 UNCH	----	10	----	30 + 10	
08AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
09AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
10AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
11AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
12AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
15AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
16AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
17AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
18AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
19AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
22AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
23AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
24AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
25AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
26AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
29AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
30AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
31AUG16	----	----	28.00 UNCH	----	----	----	20 UNCH	
TOTAL OPD FUT						20	540	
OPM FUT	ONTARIO PEAK CAL-MONTH FUT							
SEP16	----	----	18.70 + 0.95	----	----	----	420	UNCH
OCT16	----	----	14.23 + 0.77	----	----	----	420	UNCH
NOV16	----	----	18.81 + 0.79	----	----	----	420	UNCH
DEC16	----	----	26.11 + 0.92	----	----	----	420	UNCH
JAN17	----	----	34.78 + 1.20	----	----	----	105	UNCH
FEB17	----	----	34.78 + 1.20	----	----	----	100	UNCH
MAR17	----	----	24.46 + 0.63	----	----	----	115	UNCH
APR17	----	----	24.46 + 0.63	----	----	----	100	UNCH
MAY17	----	----	15.23 + 0.25	----	----	----	110	UNCH
JUN17	----	----	20.27 + 0.28	----	----	----	110	UNCH
JUL17	----	----	26.07 + 0.31	----	----	----	100	UNCH
AUG17	----	----	26.07 + 0.31	----	----	----	115	UNCH
SEP17	----	----	18.21 + 0.20	----	----	----	100	UNCH
OCT17	----	----	15.67 + 0.19	----	----	----	110	UNCH
NOV17	----	----	18.44 + 0.21	----	----	----	105	UNCH
DEC17	----	----	23.21 + 0.23	----	----	----	100	UNCH
TOTAL OPM FUT							2950	
V3 FUT	PJM AD HUB 5MW REAL TIME O PK							
SEP16	----	----	22.11 + 0.25	----	----	----	34944	UNCH
OCT16	----	----	23.25 + 0.37	----	----	----	44064	UNCH
NOV16	----	----	23.75 UNCH	----	----	----	41580	UNCH
DEC16	----	----	27.93 UNCH	----	----	----	44064	UNCH
JAN17	----	----	35.94 + 0.34	----	----	----	43656	UNCH
FEB17	----	----	31.81 + 0.26	----	----	----	37664	UNCH
MAR17	----	----	28.64 + 0.03	----	----	----	40125	UNCH
APR17	----	----	25.11 + 0.47	----	----	----	42800	UNCH
MAY17	----	----	21.00 UNCH	----	----	----	39984	UNCH
JUN17	----	----	21.15 UNCH	----	----	----	37536	UNCH
JUL17	----	----	24.72 + 0.13	----	----	----	43248	UNCH
AUG17	----	----	22.53 + 0.12	----	----	----	38352	UNCH
SEP17	----	----	21.00 UNCH	----	----	----	40800	UNCH
OCT17	----	----	22.24 UNCH	----	----	----	39984	UNCH
NOV17	----	----	22.85 UNCH	----	----	----	39270	UNCH
DEC17	----	----	25.78 UNCH	----	----	----	43248	UNCH
JAN18	----	----	36.41 + 0.66	----	----	----	14896	UNCH
FEB18	----	----	33.23 + 0.64	----	----	----	13376	UNCH
MAR18	----	----	27.65 - 0.01	----	----	----	14858	UNCH
APR18	----	----	25.35 - 0.02	----	----	----	14592	UNCH
MAY18	----	----	20.33 - 0.01	----	----	----	14896	UNCH
JUN18	----	----	21.20 UNCH	----	----	----	14592	UNCH
JUL18	----	----	23.45 - 0.04	----	----	----	15504	UNCH
AUG18	----	----	22.84 + 0.01	----	----	----	14288	UNCH
SEP18	----	----	21.00 UNCH	----	----	----	15808	UNCH
OCT18	----	----	21.97 UNCH	----	----	----	14288	UNCH
NOV18	----	----	22.12 UNCH	----	----	----	14630	UNCH
DEC18	----	----	25.19 - 0.03	----	----	----	16112	UNCH
JAN19	----	----	34.43 + 0.03	----	----	----	13720	UNCH
FEB19	----	----	32.32 + 0.07	----	----	----	12320	UNCH
MAR19	----	----	28.36 + 0.06	----	----	----	14245	UNCH
APR19	----	----	23.93 + 0.03	----	----	----	12880	UNCH
MAY19	----	----	22.33 + 0.06	----	----	----	13720	UNCH
JUN19	----	----	22.23 + 0.07	----	----	----	12000	UNCH
JUL19	----	----	23.98 + 0.03	----	----	----	11760	UNCH
AUG19	----	----	23.42 + 0.03	----	----	----	11760	UNCH
SEP19	----	----	21.77 + 0.07	----	----	----	12000	UNCH
OCT19	----	----	21.61 + 0.06	----	----	----	11280	UNCH
NOV19	----	----	22.80 + 0.07	----	----	----	12030	UNCH
DEC19	----	----	23.88 + 0.03	----	----	----	12240	UNCH
JAN20	----	----	34.18 + 0.04	----	----	----	2744	UNCH
FEB20	----	----	31.87 + 0.07	----	----	----	2632	UNCH
MAR20	----	----	28.69 + 0.05	----	----	----	2737	UNCH
APR20	----	----	23.72 + 0.02	----	----	----	2576	UNCH
MAY20	----	----	21.78 + 0.07	----	----	----	2968	UNCH
JUN20	----	----	22.95 + 0.07	----	----	----	2576	UNCH
JUL20	----	----	22.95 + 0.02	----	----	----	2632	UNCH

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
V3 FUT	PJM AD HUB 5MW REAL TIME O PK										
AUG20		----		----	22.49	+	0.02	----	----	2856	UNCH
SEP20		----		----	20.60	+	0.06	----	----	2688	UNCH
OCT20		----		----	22.44	+	0.07	----	----	2744	UNCH
NOV20		----		----	22.75	+	0.07	----	----	2807	UNCH
DEC20		----		----	25.87	+	0.03	----	----	2744	UNCH
JAN21		----		----	34.84	+	0.04	----	----	848	UNCH
FEB21		----		----	32.07	+	0.07	----	----	704	UNCH
MAR21		----		----	28.18	+	0.05	----	----	750	UNCH
APR21		----		----	23.62	+	0.03	----	----	736	UNCH
MAY21		----		----	22.03	+	0.07	----	----	848	UNCH
JUN21		----		----	22.29	+	0.07	----	----	736	UNCH
JUL21		----		----	23.67	+	0.03	----	----	816	UNCH
AUG21		----		----	23.41	+	0.02	----	----	784	UNCH
SEP21		----		----	20.29	+	0.06	----	----	768	UNCH
OCT21		----		----	22.39	+	0.07	----	----	816	UNCH
NOV21		----		----	22.85	+	0.07	----	----	770	UNCH
DEC21		----		----	25.51	+	0.03	----	----	752	UNCH
TOTAL	V3 FUT									1021146	
Z9 FUT	PJM AD HUB 5MW REAL TIME PK										
SEP16		----		----	32.60	+	0.21	----	----	3906	UNCH
OCT16		----		----	32.25	+	0.20	----	----	2814	UNCH
NOV16		----		----	33.03	+	0.30	----	----	2394	UNCH
DEC16		----		----	35.35	+	0.27	----	----	2814	UNCH
JAN17		----		----	45.27	+	0.44	----	252	2226	- 210
FEB17		----		----	45.83	+	0.01	----	240	2120	- 200
MAR17		----		----	35.26	+	0.24	----	276	1495	- 230
APR17		----		----	33.59	+	0.21	----	240	1300	- 200
MAY17		----		----	34.05	+	0.17	----	264	1210	- 220
JUN17		----		----	34.00	+	0.07	----	264	1518	UNCH
JUL17		----		----	40.53	+	0.21	----	240	1380	UNCH
AUG17		----		----	39.02	+	0.19	----	276	1587	UNCH
SEP17		----		----	32.50	+	0.30	----	240	1380	UNCH
OCT17		----		----	30.73	-	0.14	----	264	1474	UNCH
NOV17		----		----	31.64	+	0.13	----	252	1407	UNCH
DEC17		----		----	35.20	-	0.22	----	240	1340	UNCH
JAN18		----		----	46.49	+	0.20	----	----	880	UNCH
FEB18		----		----	42.63	+	0.17	----	----	800	UNCH
MAR18		----		----	35.68	-	0.03	----	----	880	UNCH
APR18		----		----	31.38	-	0.01	----	----	840	UNCH
MAY18		----		----	32.83		UNCH	----	----	880	UNCH
JUN18		----		----	33.73	-	0.04	----	----	840	UNCH
JUL18		----		----	41.58	-	0.04	----	----	840	UNCH
AUG18		----		----	36.48	-	0.02	----	----	920	UNCH
SEP18		----		----	31.68		UNCH	----	----	760	UNCH
OCT18		----		----	30.27	-	0.02	----	----	920	UNCH
NOV18		----		----	30.17	-	0.02	----	----	840	UNCH
DEC18		----		----	33.98	-	0.04	----	----	800	UNCH
JAN19		----		----	46.27	+	0.12	----	----	550	UNCH
FEB19		----		----	42.76	+	0.09	----	----	500	UNCH
MAR19		----		----	33.72	+	0.10	----	----	525	UNCH
APR19		----		----	30.81	+	0.08	----	----	550	UNCH
MAY19		----		----	31.50	+	0.08	----	----	550	UNCH
JUN19		----		----	33.23	+	0.10	----	----	400	UNCH
JUL19		----		----	42.27	+	0.13	----	----	440	UNCH
AUG19		----		----	37.18	+	0.09	----	----	440	UNCH
SEP19		----		----	31.90	+	0.09	----	----	400	UNCH
OCT19		----		----	28.94	+	0.12	----	----	460	UNCH
NOV19		----		----	29.48	+	0.12	----	----	400	UNCH
DEC19		----		----	32.24	+	0.09	----	----	420	UNCH
JAN20		----		----	45.54	+	0.05	----	----	484	UNCH
FEB20		----		----	41.65	+	0.02	----	----	440	UNCH
MAR20		----		----	33.96	+	0.07	----	----	484	UNCH
APR20		----		----	30.75	+	0.04	----	----	484	UNCH
MAY20		----		----	31.99	+	0.06	----	----	440	UNCH
JUN20		----		----	32.82	+	0.06	----	----	484	UNCH
JUL20		----		----	41.10	+	0.06	----	----	506	UNCH
AUG20		----		----	37.01	+	0.04	----	----	462	UNCH
SEP20		----		----	30.66	+	0.05	----	----	462	UNCH
OCT20		----		----	29.37	+	0.04	----	----	484	UNCH
NOV20		----		----	29.72	+	0.04	----	----	440	UNCH
DEC20		----		----	32.73	+	0.07	----	----	484	UNCH
JAN21		----		----	43.57	+	0.08	----	----	40	UNCH
FEB21		----		----	40.07	+	0.10	----	----	40	UNCH
MAR21		----		----	34.11	+	0.07	----	----	46	UNCH
APR21		----		----	31.35	+	0.10	----	----	44	UNCH
MAY21		----		----	31.69	+	0.10	----	----	40	UNCH
JUN21		----		----	33.52	+	0.12	----	----	44	UNCH
JUL21		----		----	42.74	+	0.13	----	----	42	UNCH
AUG21		----		----	38.05	+	0.09	----	----	44	UNCH
SEP21		----		----	31.60	+	0.11	----	----	42	UNCH
OCT21		----		----	30.91	+	0.10	----	----	42	UNCH
NOV21		----		----	30.61	+	0.10	----	----	42	UNCH
DEC21		----		----	32.73	+	0.11	----	----	46	UNCH
TOTAL	Z9 FUT								3048	52366	- 1060
X1 FUT	PJM AECO DA OFF-PEAK										
JUL16		----		----	23.41		UNCH	----	----	3816	UNCH
AUG16		----		----	19.60	-	0.08	----	----	3384	UNCH
SEP16		----		----	17.97	+	0.39	----	----	3456	UNCH
OCT16		----		----	19.17	-	0.02	----	----	3672	UNCH
NOV16		----		----	19.86	+	0.01	----	----	3465	UNCH
DEC16		----		----	27.94	+	0.43	----	----	3672	UNCH
JAN17		----		----	44.83	+	0.02	----	----	3672	UNCH
FEB17		----		----	40.78	+	0.11	----	----	3168	UNCH
MAR17		----		----	26.35	-	0.26	----	----	3375	UNCH
APR17		----		----	21.97	+	0.26	----	----	3600	UNCH
MAY17		----		----	18.37	+	0.17	----	----	3528	UNCH
TOTAL	X1 FUT									38808	
Y1 FUT	PJM AECO DA PEAK										
JUL16		----		----	46.70		UNCH	----	----	180	UNCH
AUG16		----		----	34.50	-	0.27	----	----	207	UNCH
SEP16		----		----	29.33	-	0.04	----	----	189	UNCH
OCT16		----		----	28.29	+	0.12	----	----	189	UNCH
NOV16		----		----	29.73	+	0.18	----	----	189	UNCH
DEC16		----		----	38.08	-	0.06	----	----	189	UNCH



PRELIMINARY

PG61 BULLETIN #148@ ENERGY FUTURES PRODUCTS Wed, Aug 03, 2016 PG61

GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
Y1 FUT	PJM AECO DA PEAK								
JAN17	----	----	60.68	+	0.20	----	----	189	UNCH
FEB17	----	----	59.13	-	0.30	----	----	180	UNCH
MAR17	----	----	35.54	+	0.10	----	----	207	UNCH
APR17	----	----	29.38	+	0.01	----	----	180	UNCH
MAY17	----	----	29.13	+	0.01	----	----	198	UNCH
TOTAL Y1 FUT								2097	
PWO FUT	PJM AEP DAYTON HUB DA OP DAILY								
27JUL16	----	----	21.58		UNCH	----	----	0 - 360	
28JUL16	----	----	21.15		UNCH	----	----	360	UNCH
29JUL16	----	----	21.69		UNCH	----	----	360	UNCH
30JUL16	----	----	27.14		UNCH	----	----	1080	UNCH
31JUL16	----	----	24.56		UNCH	----	----	1080	UNCH
01AUG16	----	----	20.96		UNCH	----	----	360	UNCH
02AUG16	----	----	20.73		UNCH	----	----	360	UNCH
03AUG16	----	----	21.54		UNCH	----	----	360	UNCH
04AUG16	----	----	20.45	-	2.41	----	----	360	UNCH
05AUG16	----	----	22.86		UNCH	----	----	360	UNCH
06AUG16	----	----	22.86		UNCH	----	----	1080	UNCH
07AUG16	----	----	22.86		UNCH	----	----	1080	UNCH
08AUG16	----	----	22.86		UNCH	----	----	360	UNCH
09AUG16	----	----	22.86		UNCH	----	----	360	UNCH
10AUG16	----	----	22.86		UNCH	----	----	360	UNCH
11AUG16	----	----	22.86		UNCH	----	----	360	UNCH
12AUG16	----	----	22.86		UNCH	----	----	360	UNCH
13AUG16	----	----	22.86		UNCH	----	----	1080	UNCH
14AUG16	----	----	22.86		UNCH	----	----	1080	UNCH
15AUG16	----	----	22.86		UNCH	----	----	360	UNCH
16AUG16	----	----	22.86		UNCH	----	----	360	UNCH
17AUG16	----	----	22.86		UNCH	----	----	360	UNCH
18AUG16	----	----	22.86		UNCH	----	----	360	UNCH
19AUG16	----	----	22.86		UNCH	----	----	360	UNCH
20AUG16	----	----	22.86		UNCH	----	----	1080	UNCH
21AUG16	----	----	22.86		UNCH	----	----	1080	UNCH
22AUG16	----	----	22.86		UNCH	----	----	360	UNCH
23AUG16	----	----	22.86		UNCH	----	----	360	UNCH
24AUG16	----	----	22.86		UNCH	----	----	360	UNCH
25AUG16	----	----	22.86		UNCH	----	----	360	UNCH
26AUG16	----	----	22.86		UNCH	----	----	360	UNCH
27AUG16	----	----	22.86		UNCH	----	----	1080	UNCH
28AUG16	----	----	22.86		UNCH	----	----	1080	UNCH
29AUG16	----	----	22.86		UNCH	----	----	360	UNCH
30AUG16	----	----	22.86		UNCH	----	----	360	UNCH
31AUG16	----	----	22.86		UNCH	----	----	360	UNCH
TOTAL PWO FUT								19800 - 360	
PAP FUT	PJM AEP DAYTON HUB DA PEAK DAILY								
27JUL16	----	----	40.99		UNCH	----	----	0 - 35	
28JUL16	----	----	39.88		UNCH	----	----	35	UNCH
29JUL16	----	----	33.07		UNCH	----	----	35	UNCH
01AUG16	----	----	38.44		UNCH	----	----	35	UNCH
02AUG16	----	----	37.46		UNCH	----	----	35	UNCH
03AUG16	----	----	37.59		UNCH	----	----	35	UNCH
04AUG16	----	----	39.83	+	1.08	----	----	35	UNCH
05AUG16	----	----	39.50	+	0.75	----	----	35	UNCH
08AUG16	----	----	38.50	+	3.00	----	----	35	UNCH
09AUG16	----	----	38.50	+	3.00	----	----	35	UNCH
10AUG16	----	----	38.50	+	3.00	----	----	35	UNCH
11AUG16	----	----	38.50	+	3.00	----	----	35	UNCH
12AUG16	----	----	38.50	+	3.00	----	----	35	UNCH
15AUG16	----	----	35.50		UNCH	----	----	35	UNCH
16AUG16	----	----	35.50		UNCH	----	----	35	UNCH
17AUG16	----	----	35.50		UNCH	----	----	35	UNCH
18AUG16	----	----	35.50		UNCH	----	----	35	UNCH
19AUG16	----	----	35.50		UNCH	----	----	35	UNCH
22AUG16	----	----	36.09	-	1.72	----	----	35	UNCH
23AUG16	----	----	36.09	-	1.72	----	----	35	UNCH
24AUG16	----	----	36.09	-	1.72	----	----	35	UNCH
25AUG16	----	----	36.09	-	1.72	----	----	35	UNCH
26AUG16	----	----	36.09	-	1.72	----	----	35	UNCH
29AUG16	----	----	36.09	-	1.72	----	----	35	UNCH
30AUG16	----	----	36.09	-	1.72	----	----	35	UNCH
31AUG16	----	----	36.09	-	1.72	----	----	35	UNCH
TOTAL PAP FUT								875 - 35	
AOR FUT	PJM AEP DAYTON HUB RT OP DAILY								
26JUL16	----	----	22.49		UNCH	----	----	0 - 784	
27JUL16	----	----	21.65		UNCH	----	----	784	UNCH
28JUL16	----	----	23.43		UNCH	----	----	784	UNCH
29JUL16	----	----	23.41		UNCH	----	----	784	UNCH
30JUL16	----	----	26.98		UNCH	----	----	2352	UNCH
31JUL16	----	----	35.11		UNCH	----	----	2352	UNCH
01AUG16	----	----	21.63		UNCH	----	----	784	UNCH
02AUG16	----	----	21.26	-	1.60	----	----	784	UNCH
03AUG16	----	----	22.86		UNCH	----	----	784	UNCH
04AUG16	----	----	22.86		UNCH	----	----	784	UNCH
05AUG16	----	----	22.86		UNCH	----	----	784	UNCH
06AUG16	----	----	22.86		UNCH	----	----	2352	UNCH
07AUG16	----	----	22.86		UNCH	----	----	2352	UNCH
08AUG16	----	----	22.86		UNCH	----	----	784	UNCH
09AUG16	----	----	22.86		UNCH	----	----	784	UNCH
10AUG16	----	----	22.86		UNCH	----	----	784	UNCH
11AUG16	----	----	22.86		UNCH	----	----	784	UNCH
12AUG16	----	----	22.86		UNCH	----	----	784	UNCH
13AUG16	----	----	22.86		UNCH	----	----	2352	UNCH
14AUG16	----	----	22.86		UNCH	----	----	2352	UNCH
15AUG16	----	----	22.86		UNCH	----	----	784	UNCH
16AUG16	----	----	22.86		UNCH	----	----	784	UNCH
17AUG16	----	----	22.86		UNCH	----	----	784	UNCH
18AUG16	----	----	22.86		UNCH	----	----	784	UNCH
19AUG16	----	----	22.86		UNCH	----	----	784	UNCH
20AUG16	----	----	22.86		UNCH	----	----	2352	UNCH
21AUG16	----	----	22.86		UNCH	----	----	2352	UNCH
22AUG16	----	----	22.86		UNCH	----	----	784	UNCH
23AUG16	----	----	22.86		UNCH	----	----	784	UNCH
24AUG16	----	----	22.86		UNCH	----	----	784	UNCH
25AUG16	----	----	22.86		UNCH	----	----	784	UNCH

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		GLOBAL	OPEN		GLOBAL	PRICE		GLOBAL	PNT/PIT	OPEN
					HIGH/LOW	& PT.	CHGE	VOLUME	VOLUME	INTEREST
AOR FUT	PJM AEP DAYTON HUB RT OP DAILY									
26AUG16		----		----		22.86	UNCH	----	----	784 UNCH
27AUG16		----		----		22.86	UNCH	----	----	2352 UNCH
28AUG16		----		----		22.86	UNCH	----	----	2352 UNCH
29AUG16		----		----		22.86	UNCH	----	----	784 UNCH
30AUG16		----		----		22.86	UNCH	----	----	784 UNCH
31AUG16		----		----		22.86	UNCH	----	----	784 UNCH
TOTAL AOR FUT										43904 - 784
W4 FUT	PJM APS ZONE DA OFF-PEAK									
JUL16		----		----		23.84	UNCH	----	----	1272 UNCH
AUG16		----		----		22.58	- 0.06	----	----	1128 UNCH
SEP16		----		----		22.33	+ 0.46	----	----	1152 UNCH
OCT16		----		----		22.95	+ 0.04	----	----	1224 UNCH
NOV16		----		----		23.54	+ 0.06	----	----	1155 UNCH
DEC16		----		----		28.99	+ 0.44	----	----	1224 UNCH
TOTAL W4 FUT										7155
S4 FUT	PJM APS ZONE DA PEAK									
JUL16		----		----		43.18	UNCH	----	----	60 UNCH
AUG16		----		----		38.14	- 0.18	----	----	69 UNCH
SEP16		----		----		34.09	+ 0.03	----	----	63 UNCH
OCT16		----		----		32.62	+ 0.18	----	----	63 UNCH
NOV16		----		----		33.66	+ 0.23	----	----	63 UNCH
DEC16		----		----		38.13	- 0.06	----	----	63 UNCH
TOTAL S4 FUT										381
MOD FUT	PJM ASTI ZONE PEAK DA MO									
JUL16		----		----		23.70	UNCH	----	----	2120 UNCH
AUG16		----		----		23.93	- 0.09	----	----	1880 UNCH
SEP16		----		----		23.44	+ 0.27	----	----	1920 UNCH
OCT16		----		----		24.64	+ 0.39	----	----	2040 UNCH
NOV16		----		----		25.18	UNCH	----	----	1925 UNCH
DEC16		----		----		29.61	UNCH	----	----	2040 UNCH
JAN17		----		----		38.10	+ 0.36	----	----	2040 UNCH
FEB17		----		----		33.72	+ 0.28	----	----	1760 UNCH
MAR17		----		----		30.36	+ 0.03	----	----	1875 UNCH
APR17		----		----		26.62	+ 0.50	----	----	2000 UNCH
MAY17		----		----		22.26	UNCH	----	----	1960 UNCH
TOTAL MOD FUT										21560
MPD FUT	PJM ATSI ZONE MONTHLY DAILY									
JUL16		----		----		43.04	UNCH	----	----	100 UNCH
AUG16		----		----		36.94	+ 0.08	----	----	115 UNCH
SEP16		----		----		32.93	+ 0.22	----	----	105 UNCH
OCT16		----		----		32.57	+ 0.20	----	----	105 UNCH
NOV16		----		----		33.36	+ 0.30	----	----	105 UNCH
DEC16		----		----		35.70	+ 0.27	----	----	105 UNCH
JAN17		----		----		45.72	+ 0.44	----	----	105 UNCH
FEB17		----		----		46.29	+ 0.01	----	----	100 UNCH
MAR17		----		----		35.61	+ 0.24	----	----	115 UNCH
APR17		----		----		33.93	+ 0.22	----	----	100 UNCH
MAY17		----		----		34.39	+ 0.17	----	----	110 UNCH
TOTAL MPD FUT										1165
R3 FUT	PJM BGE DA OFF-PEAK									
JUL16		----		----		29.80	UNCH	----	----	424 UNCH
AUG16		----		----		30.89	- 0.09	----	----	376 UNCH
SEP16		----		----		28.23	+ 0.54	----	----	384 UNCH
OCT16		----		----		28.95	+ 0.14	----	----	408 UNCH
NOV16		----		----		29.84	+ 0.14	----	----	385 UNCH
DEC16		----		----		36.17	+ 0.51	----	----	408 UNCH
JAN17		----		----		52.10	+ 0.08	----	----	408 UNCH
FEB17		----		----		47.94	+ 0.10	----	----	352 UNCH
MAR17		----		----		37.34	- 0.08	----	----	375 UNCH
APR17		----		----		32.43	+ 0.32	----	----	400 UNCH
MAY17		----		----		28.38	+ 0.21	----	----	392 UNCH
JUN17		----		----		26.72	+ 0.38	----	----	1840 UNCH
JUL17		----		----		31.45	+ 0.24	----	----	2120 UNCH
AUG17		----		----		29.30	+ 0.22	----	----	1880 UNCH
SEP17		----		----		26.94	+ 0.37	----	----	2000 UNCH
OCT17		----		----		27.32	+ 0.28	----	----	1960 UNCH
NOV17		----		----		27.79	+ 0.26	----	----	1925 UNCH
DEC17		----		----		30.88	+ 0.35	----	----	2120 UNCH
JAN18		----		----		53.95	+ 0.71	----	----	2744 UNCH
FEB18		----		----		50.30	+ 0.69	----	----	2464 UNCH
MAR18		----		----		34.96	+ 0.14	----	----	2737 UNCH
APR18		----		----		31.09	+ 0.09	----	----	2688 UNCH
MAY18		----		----		26.02	- 0.06	----	----	2744 UNCH
JUN18		----		----		25.70	+ 0.14	----	----	768 UNCH
JUL18		----		----		29.69	+ 0.26	----	----	816 UNCH
AUG18		----		----		29.22	+ 0.28	----	----	752 UNCH
SEP18		----		----		24.96	- 0.15	----	----	832 UNCH
OCT18		----		----		26.14	+ 0.12	----	----	752 UNCH
NOV18		----		----		26.30	+ 0.14	----	----	770 UNCH
DEC18		----		----		30.78	+ 0.13	----	----	848 UNCH
TOTAL R3 FUT										37072
E3 FUT	PJM BGE DA PEAK									
JUL16		----		----		53.46	UNCH	----	----	20 UNCH
AUG16		----		----		48.80	- 0.04	----	----	23 UNCH
SEP16		----		----		42.85	+ 0.16	----	----	21 UNCH
OCT16		----		----		42.19	+ 0.32	----	----	21 UNCH
NOV16		----		----		43.48	+ 0.36	----	----	21 UNCH
DEC16		----		----		49.67	+ 0.05	----	----	21 UNCH
JAN17		----		----		69.70	+ 0.26	----	----	21 UNCH
FEB17		----		----		67.38	- 0.31	----	----	20 UNCH
MAR17		----		----		47.18	+ 0.28	----	----	23 UNCH
APR17		----		----		42.79	+ 0.07	----	----	20 UNCH
MAY17		----		----		43.30	+ 0.08	----	----	22 UNCH
JUN17		----		----		45.13	+ 0.17	----	----	110 UNCH
JUL17		----		----		56.38	+ 0.02	----	----	100 UNCH
AUG17		----		----		52.98	- 0.02	----	----	115 UNCH
SEP17		----		----		41.54	+ 0.03	----	----	100 UNCH
OCT17		----		----		39.74	- 0.31	----	----	110 UNCH
NOV17		----		----		40.84	- 0.04	----	----	105 UNCH
DEC17		----		----		45.45	- 0.45	----	----	100 UNCH
JAN18		----		----		64.03	+ 0.20	----	----	154 UNCH



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PRELIMINARY

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016 PG61		
		GLOBAL EX	GLOBAL EX	SETT. PRICE		GLOBAL EX®	PNT/PIT	OPEN	
		OPEN	HIGH/LOW	& PT. CHGE		VOLUME	VOLUME	INTEREST	
E3 FUT	PJM BGE DA PEAK								
FEB18	----	----	59.87	+	0.17	----	----	140	UNCH
MAR18	----	----	41.87	+	0.08	----	----	154	UNCH
APR18	----	----	36.20	+	0.08	----	----	147	UNCH
MAY18	----	----	37.16	-	0.17	----	----	154	UNCH
JUN18	----	----	41.40	+	0.18	----	----	42	UNCH
JUL18	----	----	53.82	+	0.31	----	----	42	UNCH
AUG18	----	----	49.89	+	0.31	----	----	46	UNCH
SEP18	----	----	37.39	-	0.32	----	----	38	UNCH
OCT18	----	----	35.21	+	0.06	----	----	46	UNCH
NOV18	----	----	36.17	+	0.08	----	----	42	UNCH
DEC18	----	----	41.10	+	0.07	----	----	40	UNCH
TOTAL E3 FUT								2018	
D9 FUT	PJM COMED 5MW D AH O PK								
JUL16	----	----	22.90		UNCH	----	----	25440	UNCH
AUG16	----	----	21.43	-	0.03	----	----	22560	UNCH
SEP16	----	----	19.87	+	0.32	----	----	23040	UNCH
OCT16	----	----	20.23		UNCH	----	----	24480	UNCH
NOV16	----	----	21.12	+	0.03	----	----	23100	UNCH
DEC16	----	----	24.98	+	0.65	----	----	24480	UNCH
JAN17	----	----	33.40	-	0.06	----	----	16320	UNCH
FEB17	----	----	28.65	+	0.12	----	----	14080	UNCH
MAR17	----	----	25.95	-	0.26	----	----	15000	UNCH
APR17	----	----	22.07	+	0.26	----	----	16000	UNCH
MAY17	----	----	18.62	+	0.17	----	----	15680	UNCH
JUN17	----	----	20.54	+	0.34	----	----	1840	UNCH
JUL17	----	----	21.45	+	0.19	----	----	2120	UNCH
AUG17	----	----	20.42	+	0.21	----	----	1880	UNCH
SEP17	----	----	20.04	+	0.34	----	----	2000	UNCH
OCT17	----	----	19.28	+	0.38	----	----	1960	UNCH
NOV17	----	----	19.99	+	0.30	----	----	1925	UNCH
DEC17	----	----	22.86	+	0.47	----	----	2120	UNCH
TOTAL D9 FUT								234025	
D8 FUT	PJM COMED 5MW D AH PK								
JUL16	----	----	41.56		UNCH	----	----	1600	UNCH
AUG16	----	----	35.98	+	0.21	----	----	1840	UNCH
SEP16	----	----	32.09	+	0.60	----	----	1680	UNCH
OCT16	----	----	30.36	+	0.65	----	----	1260	UNCH
NOV16	----	----	30.94	+	0.70	----	----	1260	UNCH
DEC16	----	----	33.91	+	0.39	----	----	1260	UNCH
JAN17	----	----	42.58	-	0.14	----	----	840	UNCH
FEB17	----	----	43.47	-	0.49	----	----	800	UNCH
MAR17	----	----	33.18	-	0.09	----	----	920	UNCH
APR17	----	----	31.78	-	0.13	----	----	800	UNCH
MAY17	----	----	32.34	-	0.17	----	----	880	UNCH
JUN17	----	----	33.19	-	0.03	----	----	110	UNCH
JUL17	----	----	39.84	+	0.21	----	----	100	UNCH
AUG17	----	----	39.49	+	0.19	----	----	115	UNCH
SEP17	----	----	32.09	-	0.16	----	----	100	UNCH
OCT17	----	----	29.56	-	0.39	----	----	110	UNCH
NOV17	----	----	30.29	-	0.15	----	----	105	UNCH
DEC17	----	----	33.41	-	0.48	----	----	100	UNCH
TOTAL D8 FUT								13880	
JD FUT	PJM DAILY								
01AUG16	----	----	38.51		UNCH	----	----	0	- 403
02AUG16	----	----	33.23	-	5.40	----	----	403	UNCH
03AUG16	----	----	34.50		UNCH	----	----	403	UNCH
04AUG16	----	----	33.13	-	4.87	----	----	403	UNCH
05AUG16	----	----	35.88	-	2.12	----	----	403	UNCH
08AUG16	----	----	38.38	+	1.00	----	----	403	UNCH
09AUG16	----	----	38.38	+	1.00	----	----	403	UNCH
10AUG16	----	----	38.38	+	1.00	----	----	403	UNCH
11AUG16	----	----	38.38	+	1.00	----	----	403	UNCH
12AUG16	----	----	38.38	+	1.00	----	----	403	UNCH
15AUG16	----	----	36.50	-	1.50	----	----	403	UNCH
16AUG16	----	----	36.50	-	1.50	----	----	403	UNCH
17AUG16	----	----	36.50	-	1.50	----	----	403	UNCH
18AUG16	----	----	36.50	-	1.50	----	----	403	UNCH
19AUG16	----	----	36.50	-	1.50	----	----	403	UNCH
22AUG16	----	----	37.19	-	0.26	----	----	403	UNCH
23AUG16	----	----	37.19	-	0.26	----	----	403	UNCH
24AUG16	----	----	37.19	-	0.26	----	----	403	UNCH
25AUG16	----	----	37.19	-	0.26	----	----	403	UNCH
26AUG16	----	----	37.19	-	0.26	----	----	403	UNCH
29AUG16	----	----	37.19	-	0.26	----	----	403	UNCH
30AUG16	----	----	37.19	-	0.26	----	----	403	UNCH
31AUG16	----	----	37.19	-	0.26	----	----	403	UNCH
TOTAL JD FUT								8866	- 403
R7 FUT	PJM DAYTON DA OFF-PEAK								
SEP16	----	----	22.11	+	0.25	----	----	13440	UNCH
OCT16	----	----	23.25	+	0.37	----	----	14280	UNCH
NOV16	----	----	23.75		UNCH	----	----	13475	UNCH
DEC16	----	----	27.93		UNCH	----	----	14280	UNCH
JAN17	----	----	35.94	+	0.34	----	----	2040	UNCH
FEB17	----	----	31.81	+	0.26	----	----	1760	UNCH
MAR17	----	----	28.64	+	0.03	----	----	1875	UNCH
APR17	----	----	25.11	+	0.47	----	----	2000	UNCH
MAY17	----	----	21.00		UNCH	----	----	1960	UNCH
JAN18	----	----	36.41	+	0.66	----	----	1960	UNCH
FEB18	----	----	33.23	+	0.64	----	----	1760	UNCH
MAR18	----	----	27.65	-	0.01	----	----	1955	UNCH
APR18	----	----	25.35	-	0.02	----	----	1920	UNCH
MAY18	----	----	20.33	-	0.01	----	----	1960	UNCH
JAN19	----	----	34.43	+	0.03	----	----	1960	UNCH
FEB19	----	----	32.32	+	0.07	----	----	1760	UNCH
MAR19	----	----	28.36	+	0.06	----	----	2035	UNCH
APR19	----	----	23.93	+	0.03	----	----	1840	UNCH
MAY19	----	----	22.33	+	0.06	----	----	1960	UNCH
JUN19	----	----	22.23	+	0.07	----	----	2000	UNCH
JUL19	----	----	23.98	+	0.03	----	----	1960	UNCH
AUG19	----	----	23.42	+	0.03	----	----	1960	UNCH
SEP19	----	----	21.77	+	0.07	----	----	2000	UNCH
OCT19	----	----	21.61	+	0.06	----	----	1880	UNCH
NOV19	----	----	22.80	+	0.07	----	----	2005	UNCH

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
R7 FUT		PJM DAYTON DA OFF-PEAK									
DEC19		----	----	23.88	+	0.03	----	----	2040	UNCH	
JAN20		----	----	34.18	+	0.04	----	----	3920	UNCH	
FEB20		----	----	31.87	+	0.07	----	----	3760	UNCH	
MAR20		----	----	28.69	+	0.05	----	----	3910	UNCH	
APR20		----	----	23.72	+	0.02	----	----	3680	UNCH	
MAY20		----	----	21.78	+	0.07	----	----	4240	UNCH	
JUN20		----	----	22.95	+	0.07	----	----	3680	UNCH	
JUL20		----	----	22.95	+	0.02	----	----	3760	UNCH	
AUG20		----	----	22.49	+	0.02	----	----	4080	UNCH	
SEP20		----	----	20.60	+	0.06	----	----	3840	UNCH	
OCT20		----	----	22.44	+	0.07	----	----	3920	UNCH	
NOV20		----	----	22.75	+	0.07	----	----	4010	UNCH	
DEC20		----	----	25.87	+	0.03	----	----	3920	UNCH	
TOTAL R7 FUT									144785		
D7 FUT		PJM DAYTON DA PEAK									
SEP16		----	----	32.70	+	0.21	----	----	735	UNCH	
OCT16		----	----	32.35	+	0.20	----	----	735	UNCH	
NOV16		----	----	33.13	+	0.30	----	----	735	UNCH	
DEC16		----	----	35.45	+	0.27	----	----	735	UNCH	
JAN17		----	----	45.37	+	0.44	----	252	987	+	252
FEB17		----	----	45.93	+	0.01	----	240	940	+	240
MAR17		----	----	35.36	+	0.24	----	276	1081	+	276
APR17		----	----	33.69	+	0.21	----	240	1300	+	200
MAY17		----	----	34.15	+	0.17	----	264	1430	+	220
JUN17		----	----	34.10	+	0.07	----	264	1430	+	220
JUL17		----	----	40.63	+	0.21	----	240	1300	+	200
AUG17		----	----	39.12	+	0.19	----	276	1495	+	230
SEP17		----	----	32.60	+	0.30	----	240	1300	+	200
OCT17		----	----	30.83	-	0.14	----	264	1430	+	220
NOV17		----	----	31.74	+	0.13	----	252	987	+	252
DEC17		----	----	35.30	-	0.22	----	240	940	+	240
JAN18		----	----	46.59	+	0.20	----	----	660	UNCH	
FEB18		----	----	42.73	+	0.17	----	----	600	UNCH	
MAR18		----	----	35.78	-	0.03	----	----	660	UNCH	
APR18		----	----	31.48	-	0.01	----	----	630	UNCH	
MAY18		----	----	32.93		UNCH	----	----	660	UNCH	
JUN18		----	----	33.83	-	0.04	----	----	525	UNCH	
JUL18		----	----	41.68	-	0.04	----	----	525	UNCH	
AUG18		----	----	36.58	-	0.02	----	----	575	UNCH	
SEP18		----	----	31.78		UNCH	----	----	475	UNCH	
OCT18		----	----	30.37	-	0.02	----	----	575	UNCH	
NOV18		----	----	30.27	-	0.02	----	----	525	UNCH	
DEC18		----	----	34.08	-	0.04	----	----	500	UNCH	
JAN19		----	----	46.37	+	0.12	----	----	110	UNCH	
FEB19		----	----	42.86	+	0.09	----	----	100	UNCH	
MAR19		----	----	33.82	+	0.10	----	----	105	UNCH	
APR19		----	----	30.91	+	0.08	----	----	110	UNCH	
MAY19		----	----	31.60	+	0.08	----	----	110	UNCH	
JUN19		----	----	33.33	+	0.10	----	----	100	UNCH	
JUL19		----	----	42.37	+	0.13	----	----	110	UNCH	
AUG19		----	----	37.28	+	0.09	----	----	110	UNCH	
SEP19		----	----	32.00	+	0.09	----	----	100	UNCH	
OCT19		----	----	29.04	+	0.12	----	----	115	UNCH	
NOV19		----	----	29.58	+	0.12	----	----	100	UNCH	
DEC19		----	----	32.34	+	0.09	----	----	105	UNCH	
JAN20		----	----	45.64	+	0.05	----	----	220	UNCH	
FEB20		----	----	41.75	+	0.02	----	----	200	UNCH	
MAR20		----	----	34.06	+	0.07	----	----	220	UNCH	
APR20		----	----	30.85	+	0.04	----	----	220	UNCH	
MAY20		----	----	32.09	+	0.06	----	----	200	UNCH	
JUN20		----	----	32.92	+	0.06	----	----	220	UNCH	
JUL20		----	----	41.20	+	0.06	----	----	230	UNCH	
AUG20		----	----	37.11	+	0.04	----	----	210	UNCH	
SEP20		----	----	30.76	+	0.05	----	----	210	UNCH	
OCT20		----	----	29.47	+	0.04	----	----	220	UNCH	
NOV20		----	----	29.82	+	0.04	----	----	200	UNCH	
DEC20		----	----	32.83	+	0.07	----	----	220	UNCH	
TOTAL D7 FUT								3048	28315	+	2750
F2 FUT		PJM JCPL DA OFF-PEAK									
JUL16		----	----	22.18		UNCH	----	----	4240	UNCH	
AUG16		----	----	21.55	-	0.13	----	----	3760	UNCH	
SEP16		----	----	16.72	+	0.37	----	----	3840	UNCH	
OCT16		----	----	18.47	-	0.02	----	----	4080	UNCH	
NOV16		----	----	18.91		UNCH	----	----	3850	UNCH	
DEC16		----	----	27.14	+	0.43	----	----	4080	UNCH	
JAN17		----	----	45.69	+	0.04	----	----	4080	UNCH	
FEB17		----	----	41.03	+	0.11	----	----	3520	UNCH	
MAR17		----	----	27.61	-	0.23	----	----	3750	UNCH	
APR17		----	----	21.57	+	0.26	----	----	4000	UNCH	
MAY17		----	----	17.97	+	0.17	----	----	3920	UNCH	
TOTAL F2 FUT									43120		
J2 FUT		PJM JCPL DA PEAK									
JUL16		----	----	43.42		UNCH	----	----	200	UNCH	
AUG16		----	----	34.71	-	0.30	----	----	230	UNCH	
SEP16		----	----	28.73	-	0.05	----	----	210	UNCH	
OCT16		----	----	26.63	+	0.10	----	----	210	UNCH	
NOV16		----	----	27.87	+	0.16	----	----	210	UNCH	
DEC16		----	----	36.27	-	0.08	----	----	210	UNCH	
JAN17		----	----	62.03	+	0.20	----	----	210	UNCH	
FEB17		----	----	60.67	-	0.31	----	----	200	UNCH	
MAR17		----	----	37.19	+	0.12	----	----	230	UNCH	
APR17		----	----	30.48	+	0.01	----	----	200	UNCH	
MAY17		----	----	30.89	+	0.03	----	----	220	UNCH	
TOTAL J2 FUT									2330		
46 FUT		PJM METED ZONE OFFPK CAL LMP									
JAN17		----	----	45.28	+	0.03	----	----	2040	UNCH	
FEB17		----	----	41.18	+	0.11	----	----	1760	UNCH	
MAR17		----	----	26.80	-	0.25	----	----	1875	UNCH	
APR17		----	----	21.37	+	0.26	----	----	2000	UNCH	
MAY17		----	----	18.52	+	0.17	----	----	1960	UNCH	
JUN17		----	----	19.79	+	0.34	----	----	1840	UNCH	
JUL17		----	----	22.95	+	0.20	----	----	2120	UNCH	
AUG17		----	----	20.81	+	0.20	----	----	1880	UNCH	

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. & PT.	PRICE CHGE	LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
46	FUT	PJM METED ZONE OFFPK CAL LMP							
	SEP17	----	----	18.84	+ 0.33	----	----	2000	UNCH
	OCT17	----	----	19.92	+ 0.37	----	----	1960	UNCH
	NOV17	----	----	20.39	+ 0.30	----	----	1925	UNCH
	DEC17	----	----	25.14	+ 0.44	----	----	2120	UNCH
	JAN18	----	----	45.42	+ 0.67	----	----	784	UNCH
	FEB18	----	----	42.93	+ 0.66	----	----	704	UNCH
	MAR18	----	----	26.50	+ 0.09	----	----	782	UNCH
	APR18	----	----	22.22	+ 0.03	----	----	768	UNCH
	MAY18	----	----	17.51	- 0.06	----	----	784	UNCH
	JUN18	----	----	19.74	+ 0.08	----	----	768	UNCH
	JUL18	----	----	22.91	+ 0.21	----	----	816	UNCH
	AUG18	----	----	22.33	+ 0.16	----	----	752	UNCH
	SEP18	----	----	19.75	- 0.13	----	----	832	UNCH
	OCT18	----	----	20.89	+ 0.11	----	----	752	UNCH
	NOV18	----	----	21.09	+ 0.11	----	----	770	UNCH
	DEC18	----	----	25.48	+ 0.12	----	----	848	UNCH
	JAN19	----	----	44.72	+ 0.21	----	----	784	UNCH
	FEB19	----	----	42.61	+ 0.25	----	----	704	UNCH
	MAR19	----	----	28.29	+ 0.13	----	----	814	UNCH
	APR19	----	----	22.73	+ 0.09	----	----	736	UNCH
	MAY19	----	----	19.97	+ 0.11	----	----	784	UNCH
	JUN19	----	----	20.82	+ 0.12	----	----	800	UNCH
	JUL19	----	----	23.35	+ 0.10	----	----	784	UNCH
	AUG19	----	----	22.74	+ 0.10	----	----	784	UNCH
	SEP19	----	----	19.82	+ 0.11	----	----	800	UNCH
	OCT19	----	----	19.90	+ 0.09	----	----	752	UNCH
	NOV19	----	----	21.40	+ 0.11	----	----	802	UNCH
	DEC19	----	----	24.48	+ 0.10	----	----	816	UNCH
	JAN20	----	----	45.79	+ 0.25	----	----	784	UNCH
	FEB20	----	----	43.31	+ 0.28	----	----	752	UNCH
	MAR20	----	----	29.37	+ 0.15	----	----	782	UNCH
	APR20	----	----	23.38	+ 0.09	----	----	736	UNCH
	MAY20	----	----	20.47	+ 0.10	----	----	848	UNCH
	JUN20	----	----	21.47	+ 0.10	----	----	736	UNCH
	JUL20	----	----	23.81	+ 0.06	----	----	752	UNCH
	AUG20	----	----	24.01	+ 0.09	----	----	816	UNCH
	SEP20	----	----	20.06	+ 0.09	----	----	768	UNCH
	OCT20	----	----	20.51	+ 0.10	----	----	784	UNCH
	NOV20	----	----	21.52	+ 0.12	----	----	802	UNCH
	DEC20	----	----	26.55	+ 0.12	----	----	784	UNCH
TOTAL	46 FUT							51544	
47	FUT	PJM METED ZONE PEAK CAL LMP							
	JAN17	----	----	57.97	+ 0.17	----	----	105	UNCH
	FEB17	----	----	56.69	- 0.30	----	----	100	UNCH
	MAR17	----	----	34.18	+ 0.07	----	----	115	UNCH
	APR17	----	----	28.52	- 0.01	----	----	100	UNCH
	MAY17	----	----	28.93	+ 0.01	----	----	110	UNCH
	JUN17	----	----	32.09	+ 0.11	----	----	110	UNCH
	JUL17	----	----	40.09	- 0.04	----	----	100	UNCH
	AUG17	----	----	37.14	- 0.06	----	----	115	UNCH
	SEP17	----	----	29.89	- 0.02	----	----	100	UNCH
	OCT17	----	----	28.12	- 0.17	----	----	110	UNCH
	NOV17	----	----	29.34	+ 0.01	----	----	105	UNCH
	DEC17	----	----	35.69	- 0.31	----	----	100	UNCH
	JAN18	----	----	59.31	+ 0.18	----	----	44	UNCH
	FEB18	----	----	55.61	+ 0.16	----	----	40	UNCH
	MAR18	----	----	34.81	+ 0.04	----	----	44	UNCH
	APR18	----	----	28.28	+ 0.02	----	----	42	UNCH
	MAY18	----	----	29.20	- 0.17	----	----	44	UNCH
	JUN18	----	----	32.07	+ 0.07	----	----	42	UNCH
	JUL18	----	----	42.11	+ 0.21	----	----	42	UNCH
	AUG18	----	----	37.47	+ 0.20	----	----	46	UNCH
	SEP18	----	----	29.96	- 0.28	----	----	38	UNCH
	OCT18	----	----	28.00	+ 0.03	----	----	46	UNCH
	NOV18	----	----	29.01	+ 0.05	----	----	42	UNCH
	DEC18	----	----	34.89	+ 0.05	----	----	40	UNCH
	JAN19	----	----	59.25	+ 0.17	----	----	44	UNCH
	FEB19	----	----	55.18	+ 0.14	----	----	40	UNCH
	MAR19	----	----	34.86	+ 0.08	----	----	42	UNCH
	APR19	----	----	28.44	+ 0.03	----	----	44	UNCH
	MAY19	----	----	28.64	+ 0.03	----	----	44	UNCH
	JUN19	----	----	32.00	+ 0.06	----	----	40	UNCH
	JUL19	----	----	43.19	+ 0.09	----	----	44	UNCH
	AUG19	----	----	38.43	+ 0.07	----	----	44	UNCH
	SEP19	----	----	29.64	+ 0.04	----	----	40	UNCH
	OCT19	----	----	27.02	+ 0.06	----	----	46	UNCH
	NOV19	----	----	27.52	+ 0.07	----	----	40	UNCH
	DEC19	----	----	33.60	+ 0.07	----	----	42	UNCH
	JAN20	----	----	60.25	+ 0.32	----	----	44	UNCH
	FEB20	----	----	54.85	+ 0.25	----	----	40	UNCH
	MAR20	----	----	35.60	+ 0.18	----	----	44	UNCH
	APR20	----	----	28.76	+ 0.11	----	----	44	UNCH
	MAY20	----	----	30.01	+ 0.11	----	----	40	UNCH
	JUN20	----	----	32.27	+ 0.14	----	----	44	UNCH
	JUL20	----	----	43.61	+ 0.20	----	----	46	UNCH
	AUG20	----	----	39.02	+ 0.16	----	----	42	UNCH
	SEP20	----	----	29.25	+ 0.10	----	----	42	UNCH
	OCT20	----	----	27.24	+ 0.09	----	----	44	UNCH
	NOV20	----	----	27.64	+ 0.09	----	----	40	UNCH
	DEC20	----	----	33.83	+ 0.16	----	----	44	UNCH
TOTAL	47 FUT							2804	
JM	FUT	PJM MONTHLY							
	AUG16	----	----	37.04	- 0.44	----	----	898	UNCH
	SEP16	----	----	34.49	+ 0.04	----	----	738	UNCH
	OCT16	----	----	33.58	+ 0.25	----	----	698	UNCH
	NOV16	----	----	34.62	+ 0.25	----	----	732	UNCH
	DEC16	----	----	38.88	+ 0.14	----	----	718	UNCH
	JAN17	----	----	54.81	+ 0.15	----	----	224	UNCH
	FEB17	----	----	53.56	- 0.30	----	----	224	UNCH
	MAR17	----	----	39.00	+ 0.15	----	----	244	UNCH
	APR17	----	----	34.88	+ 0.03	----	----	244	UNCH
	MAY17	----	----	35.09	+ 0.04	----	----	204	UNCH
	JUN17	----	----	36.15	+ 0.13	----	----	194	UNCH
	JUL17	----	----	43.79	- 0.02	----	----	194	UNCH
	AUG17	----	----	40.89	- 0.05	----	----	194	UNCH

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					Wed, Aug 03, 2016 PG61	
		GLOBAL EX	OPEN	GLOBAL EX	PRICE	GLOBAL EX®	PNT/PIT	OPEN
				HIGH/LOW	& PT. CHGE	VOLUME	VOLUME	INTEREST
JM FUT	PJM MONTHLY							
SEP17	----	----		34.09	UNCH	----	----	194 UNCH
OCT17	----	----		32.19	- 0.22	----	----	254 UNCH
NOV17	----	----		33.24	- 0.01	----	----	194 UNCH
DEC17	----	----		37.03	- 0.33	----	----	236 UNCH
JAN18	----	----		54.60	+ 0.16	----	----	34 UNCH
FEB18	----	----		50.90	+ 0.14	----	----	34 UNCH
MAR18	----	----		37.71	+ 0.05	----	----	34 UNCH
APR18	----	----		32.49	+ 0.05	----	----	34 UNCH
MAY18	----	----		33.33	- 0.17	----	----	34 UNCH
JUN18	----	----		34.43	+ 0.10	----	----	34 UNCH
JUL18	----	----		44.37	+ 0.23	----	----	114 UNCH
AUG18	----	----		39.63	+ 0.22	----	----	114 UNCH
SEP18	----	----		32.29	- 0.29	----	----	192 UNCH
OCT18	----	----		30.40	+ 0.04	----	----	72 UNCH
NOV18	----	----		31.31	+ 0.06	----	----	72 UNCH
DEC18	----	----		35.04	+ 0.05	----	----	72 UNCH
JAN19	----	----		53.64	+ 0.13	----	----	40 UNCH
FEB19	----	----		49.47	+ 0.10	----	----	40 UNCH
MAR19	----	----		35.86	+ 0.09	----	----	40 UNCH
APR19	----	----		31.44	+ 0.05	----	----	40 UNCH
MAY19	----	----		31.64	+ 0.05	----	----	40 UNCH
JUN19	----	----		34.20	+ 0.07	----	----	40 UNCH
JUL19	----	----		45.45	+ 0.11	----	----	40 UNCH
AUG19	----	----		40.58	+ 0.08	----	----	40 UNCH
SEP19	----	----		31.94	+ 0.05	----	----	40 UNCH
OCT19	----	----		29.38	+ 0.08	----	----	40 UNCH
NOV19	----	----		29.93	+ 0.09	----	----	40 UNCH
DEC19	----	----		33.85	+ 0.07	----	----	40 UNCH
TOTAL JM FUT								7704
B6 FUT	PJM NI HUB 5MW REAL TIME O PK							
SEP16	----	----		19.81	+ 0.25	----	----	50304 UNCH
OCT16	----	----		20.55	+ 0.37	----	----	73848 UNCH
NOV16	----	----		21.00	UNCH	----	----	69685 UNCH
DEC16	----	----		24.43	UNCH	----	----	73848 UNCH
JAN17	----	----		32.33	+ 0.42	----	----	39576 UNCH
FEB17	----	----		29.02	+ 0.38	----	----	34144 UNCH
MAR17	----	----		25.36	+ 0.25	----	----	28875 UNCH
APR17	----	----		22.39	+ 0.25	----	----	30800 UNCH
MAY17	----	----		18.25	UNCH	----	----	30184 UNCH
JUN17	----	----		18.40	UNCH	----	----	24656 UNCH
JUL17	----	----		21.55	+ 0.13	----	----	27136 UNCH
AUG17	----	----		21.20	+ 0.12	----	----	24064 UNCH
SEP17	----	----		18.25	UNCH	----	----	26800 UNCH
OCT17	----	----		18.98	- 0.02	----	----	28224 UNCH
NOV17	----	----		19.64	- 0.01	----	----	27720 UNCH
DEC17	----	----		23.55	+ 0.03	----	----	30528 UNCH
JAN18	----	----		34.94	+ 0.18	----	----	25872 UNCH
FEB18	----	----		31.58	+ 0.19	----	----	23232 UNCH
MAR18	----	----		26.57	+ 0.14	----	----	25806 UNCH
APR18	----	----		23.66	+ 0.10	----	----	25344 UNCH
MAY18	----	----		18.85	+ 0.10	----	----	25872 UNCH
JUN18	----	----		19.25	+ 0.11	----	----	25344 UNCH
JUL18	----	----		22.36	+ 0.14	----	----	26928 UNCH
AUG18	----	----		21.66	+ 0.14	----	----	24816 UNCH
SEP18	----	----		19.50	+ 0.11	----	----	27456 UNCH
OCT18	----	----		17.70	+ 0.09	----	----	24816 UNCH
NOV18	----	----		17.85	+ 0.10	----	----	25410 UNCH
DEC18	----	----		21.05	+ 0.12	----	----	27984 UNCH
JAN19	----	----		35.70	+ 0.18	----	----	2744 UNCH
FEB19	----	----		32.91	+ 0.17	----	----	2464 UNCH
MAR19	----	----		26.61	+ 0.12	----	----	2849 UNCH
APR19	----	----		22.62	+ 0.10	----	----	2576 UNCH
MAY19	----	----		19.77	+ 0.07	----	----	2744 UNCH
JUN19	----	----		19.67	+ 0.07	----	----	2800 UNCH
JUL19	----	----		22.42	+ 0.09	----	----	2744 UNCH
AUG19	----	----		21.97	+ 0.09	----	----	2744 UNCH
SEP19	----	----		19.47	+ 0.07	----	----	2800 UNCH
OCT19	----	----		18.48	+ 0.07	----	----	2632 UNCH
NOV19	----	----		18.68	+ 0.08	----	----	2807 UNCH
DEC19	----	----		19.82	+ 0.07	----	----	2856 UNCH
TOTAL B6 FUT								962032
B3 FUT	PJM NI HUB 5MW REAL TIME PK							
SEP16	----	----		31.78	+ 0.22	----	----	2289 UNCH
OCT16	----	----		30.75	+ 0.20	----	----	1869 UNCH
NOV16	----	----		31.28	+ 0.30	----	----	2079 UNCH
DEC16	----	----		33.20	+ 0.22	----	----	2289 UNCH
JAN17	----	----		42.47	+ 0.54	----	----	1722 UNCH
FEB17	----	----		43.23	+ 0.11	----	----	1640 UNCH
MAR17	----	----		33.47	+ 0.29	----	----	1886 UNCH
APR17	----	----		31.98	+ 0.26	----	----	1640 UNCH
MAY17	----	----		32.35	+ 0.17	----	----	1804 UNCH
JUN17	----	----		32.25	+ 0.07	----	----	1342 UNCH
JUL17	----	----		38.98	+ 0.21	----	----	1220 UNCH
AUG17	----	----		38.57	+ 0.19	----	----	1403 UNCH
SEP17	----	----		30.75	+ 0.30	----	----	1220 UNCH
OCT17	----	----		29.52	- 0.01	----	----	1342 UNCH
NOV17	----	----		30.22	+ 0.25	----	----	1281 UNCH
DEC17	----	----		33.34	- 0.08	----	----	1220 UNCH
JAN18	----	----		45.01	+ 0.20	----	----	1100 UNCH
FEB18	----	----		40.96	+ 0.17	----	----	1000 UNCH
MAR18	----	----		34.29	- 0.03	----	----	1100 UNCH
APR18	----	----		30.34	- 0.02	----	----	1050 UNCH
MAY18	----	----		32.21	UNCH	----	----	1100 UNCH
JUN18	----	----		33.58	- 0.04	----	----	1050 UNCH
JUL18	----	----		40.46	- 0.03	----	----	1050 UNCH
AUG18	----	----		35.45	- 0.02	----	----	1150 UNCH
SEP18	----	----		30.75	- 0.01	----	----	950 UNCH
OCT18	----	----		29.13	- 0.02	----	----	1150 UNCH
NOV18	----	----		29.33	- 0.02	----	----	1050 UNCH
DEC18	----	----		33.38	- 0.04	----	----	1000 UNCH
JAN19	----	----		45.06	+ 0.12	----	----	330 UNCH
FEB19	----	----		41.34	+ 0.09	----	----	300 UNCH
MAR19	----	----		33.34	+ 0.11	----	----	315 UNCH
APR19	----	----		29.97	+ 0.08	----	----	330 UNCH
MAY19	----	----		30.88	+ 0.09	----	----	330 UNCH

PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

		GLOBAL EX		SETT. PRICE		GLOBAL EX®	PNT/PIT	OPEN	
		OPEN	HIGH/LOW	& PT.	CHGE	VOLUME	VOLUME	INTEREST	
B3 FUT	PJM NI HUB 5MW REAL TIME PK								
JUN19		----	----	32.44	+	0.10	----	----	300 UNCH
JUL19		----	----	42.44	+	0.14	----	----	330 UNCH
AUG19		----	----	37.06	+	0.09	----	----	330 UNCH
SEP19		----	----	30.98	+	0.09	----	----	300 UNCH
OCT19		----	----	27.86	+	0.11	----	----	345 UNCH
NOV19		----	----	28.41	+	0.11	----	----	300 UNCH
DEC19		----	----	31.53	+	0.09	----	----	315 UNCH
TOTAL	B3 FUT								42821
L3 FUT	PJM NILL DA OFF-PEAK								
SEP16		----	----	19.86	+	0.25	----	----	41472 UNCH
OCT16		----	----	20.60	+	0.37	----	----	30600 UNCH
NOV16		----	----	21.05		UNCH	----	----	29260 UNCH
DEC16		----	----	24.48		UNCH	----	----	29376 UNCH
JAN17		----	----	32.38	+	0.42	----	----	48144 UNCH
FEB17		----	----	29.07	+	0.38	----	----	42240 UNCH
MAR17		----	----	25.41	+	0.25	----	----	44250 UNCH
APR17		----	----	22.44	+	0.25	----	----	47200 UNCH
MAY17		----	----	18.30		UNCH	----	----	46648 UNCH
JUN17		----	----	18.45		UNCH	----	----	29440 UNCH
JUL17		----	----	21.60	+	0.13	----	----	34344 UNCH
AUG17		----	----	21.25	+	0.12	----	----	30456 UNCH
SEP17		----	----	18.30		UNCH	----	----	32800 UNCH
OCT17		----	----	19.03	-	0.02	----	----	30576 UNCH
NOV17		----	----	19.69	-	0.01	----	----	29260 UNCH
DEC17		----	----	23.60	+	0.03	----	----	32224 UNCH
JAN18		----	----	34.99	+	0.18	----	----	5880 UNCH
FEB18		----	----	31.63	+	0.19	----	----	5280 UNCH
MAR18		----	----	26.62	+	0.14	----	----	5865 UNCH
APR18		----	----	23.71	+	0.10	----	----	5760 UNCH
MAY18		----	----	18.90	+	0.10	----	----	5880 UNCH
JUN18		----	----	19.30	+	0.11	----	----	5760 UNCH
JUL18		----	----	22.41	+	0.14	----	----	6120 UNCH
AUG18		----	----	21.71	+	0.14	----	----	5640 UNCH
SEP18		----	----	19.55	+	0.11	----	----	6240 UNCH
OCT18		----	----	17.75	+	0.09	----	----	5640 UNCH
NOV18		----	----	17.90	+	0.10	----	----	5775 UNCH
DEC18		----	----	21.10	+	0.12	----	----	6360 UNCH
JAN19		----	----	35.75	+	0.18	----	----	3920 UNCH
FEB19		----	----	32.96	+	0.17	----	----	3520 UNCH
MAR19		----	----	26.66	+	0.12	----	----	4070 UNCH
APR19		----	----	22.67	+	0.10	----	----	3680 UNCH
MAY19		----	----	19.82	+	0.07	----	----	3920 UNCH
JUN19		----	----	19.72	+	0.07	----	----	4000 UNCH
JUL19		----	----	22.47	+	0.09	----	----	3920 UNCH
AUG19		----	----	22.02	+	0.09	----	----	3920 UNCH
SEP19		----	----	19.52	+	0.07	----	----	4000 UNCH
OCT19		----	----	18.53	+	0.07	----	----	3760 UNCH
NOV19		----	----	18.73	+	0.08	----	----	4010 UNCH
DEC19		----	----	19.87	+	0.07	----	----	4080 UNCH
TOTAL	L3 FUT								695290
N3 FUT	PJM NILL DA PEAK								
SEP16		----	----	31.78	+	0.22	----	----	2058 UNCH
OCT16		----	----	30.75	+	0.20	----	----	1554 UNCH
NOV16		----	----	31.28	+	0.30	----	----	1764 UNCH
DEC16		----	----	33.20	+	0.22	----	----	1533 UNCH
JAN17		----	----	42.47	+	0.54	----	----	2478 UNCH
FEB17		----	----	43.23	+	0.11	----	----	2360 UNCH
MAR17		----	----	33.47	+	0.29	----	----	2714 UNCH
APR17		----	----	31.98	+	0.26	----	----	2340 UNCH
MAY17		----	----	32.35	+	0.17	----	----	2618 UNCH
JUN17		----	----	32.25	+	0.07	----	----	1760 UNCH
JUL17		----	----	38.98	+	0.21	----	----	1580 UNCH
AUG17		----	----	38.57	+	0.19	----	----	1817 UNCH
SEP17		----	----	30.75	+	0.30	----	----	1600 UNCH
OCT17		----	----	29.52	-	0.01	----	----	1738 UNCH
NOV17		----	----	30.22	+	0.25	----	----	1638 UNCH
DEC17		----	----	33.34	-	0.08	----	----	1560 UNCH
JAN18		----	----	45.01	+	0.20	----	----	330 UNCH
FEB18		----	----	40.96	+	0.17	----	----	300 UNCH
MAR18		----	----	34.29	-	0.03	----	----	330 UNCH
APR18		----	----	30.34	-	0.02	----	----	315 UNCH
MAY18		----	----	32.21		UNCH	----	----	330 UNCH
JUN18		----	----	33.58	-	0.04	----	----	315 UNCH
JUL18		----	----	40.46	-	0.03	----	----	315 UNCH
AUG18		----	----	35.45	-	0.02	----	----	345 UNCH
SEP18		----	----	30.75	-	0.01	----	----	285 UNCH
OCT18		----	----	29.13	-	0.02	----	----	345 UNCH
NOV18		----	----	29.33	-	0.02	----	----	315 UNCH
DEC18		----	----	33.38	-	0.04	----	----	300 UNCH
JAN19		----	----	45.06	+	0.12	----	----	220 UNCH
FEB19		----	----	41.34	+	0.09	----	----	200 UNCH
MAR19		----	----	33.34	+	0.11	----	----	210 UNCH
APR19		----	----	29.97	+	0.08	----	----	220 UNCH
MAY19		----	----	30.88	+	0.09	----	----	220 UNCH
JUN19		----	----	32.44	+	0.10	----	----	200 UNCH
JUL19		----	----	42.44	+	0.14	----	----	220 UNCH
AUG19		----	----	37.06	+	0.09	----	----	220 UNCH
SEP19		----	----	30.98	+	0.09	----	----	200 UNCH
OCT19		----	----	27.86	+	0.11	----	----	230 UNCH
NOV19		----	----	28.41	+	0.11	----	----	200 UNCH
DEC19		----	----	31.53	+	0.09	----	----	210 UNCH
TOTAL	N3 FUT								37487
PNO FUT	PJM NORTERN ILL HUB DA OP DAILY								
27JUL16		----	----	20.79		UNCH	----	----	0 - 944
28JUL16		----	----	20.44		UNCH	----	----	944 UNCH
29JUL16		----	----	21.20		UNCH	----	----	944 UNCH
30JUL16		----	----	26.30		UNCH	----	----	2832 UNCH
31JUL16		----	----	23.51		UNCH	----	----	2832 UNCH
01AUG16		----	----	20.11		UNCH	----	----	968 UNCH
02AUG16		----	----	20.09		UNCH	----	----	968 UNCH
03AUG16		----	----	21.05		UNCH	----	----	968 UNCH
04AUG16		----	----	20.10	-	1.38	----	----	968 UNCH
05AUG16		----	----	21.48		UNCH	----	----	968 UNCH
06AUG16		----	----	21.48		UNCH	----	----	2904 UNCH



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PRELIMINARY

PG61 BULLETIN #148@			ENERGY FUTURES PRODUCTS				wed, Aug 03, 2016 PG61			
GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST			
PNO FUT PJM NORTERN ILL HUB DA OP DAILY										
07AUG16	----	----	21.48	UNCH	----	----	2904	UNCH		
08AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
09AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
10AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
11AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
12AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
13AUG16	----	----	21.48	UNCH	----	----	2904	UNCH		
14AUG16	----	----	21.48	UNCH	----	----	2904	UNCH		
15AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
16AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
17AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
18AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
19AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
20AUG16	----	----	21.48	UNCH	----	----	2904	UNCH		
21AUG16	----	----	21.48	UNCH	----	----	2904	UNCH		
22AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
23AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
24AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
25AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
26AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
27AUG16	----	----	21.48	UNCH	----	----	2904	UNCH		
28AUG16	----	----	21.48	UNCH	----	----	2904	UNCH		
29AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
30AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
31AUG16	----	----	21.48	UNCH	----	----	968	UNCH		
TOTAL PNO FUT							53048	- 944		
PNP FUT PJM NORTERN ILL HUB DA PEAK DAILY										
27JUL16	----	----	38.32	UNCH	----	----	0	- 109		
28JUL16	----	----	38.16	UNCH	----	----	109	UNCH		
29JUL16	----	----	32.47	UNCH	----	----	109	UNCH		
01AUG16	----	----	37.12	UNCH	----	----	108	UNCH		
02AUG16	----	----	36.47	UNCH	----	----	108	UNCH		
03AUG16	----	----	37.19	UNCH	----	----	108	UNCH		
04AUG16	----	----	39.33	+ 1.33	----	----	108	UNCH		
05AUG16	----	----	38.00	UNCH	----	----	108	UNCH		
08AUG16	----	----	35.00	UNCH	----	----	108	UNCH		
09AUG16	----	----	35.00	UNCH	----	----	108	UNCH		
10AUG16	----	----	35.00	UNCH	----	----	108	UNCH		
11AUG16	----	----	35.00	UNCH	----	----	108	UNCH		
12AUG16	----	----	35.00	UNCH	----	----	108	UNCH		
15AUG16	----	----	36.00	UNCH	----	----	108	UNCH		
16AUG16	----	----	36.00	UNCH	----	----	108	UNCH		
17AUG16	----	----	36.00	UNCH	----	----	108	UNCH		
18AUG16	----	----	36.00	UNCH	----	----	108	UNCH		
19AUG16	----	----	36.00	UNCH	----	----	108	UNCH		
22AUG16	----	----	34.00	+ 0.37	----	----	108	UNCH		
23AUG16	----	----	34.00	+ 0.37	----	----	108	UNCH		
24AUG16	----	----	34.00	+ 0.37	----	----	108	UNCH		
25AUG16	----	----	34.00	+ 0.37	----	----	108	UNCH		
26AUG16	----	----	34.00	+ 0.37	----	----	108	UNCH		
29AUG16	----	----	34.00	+ 0.37	----	----	108	UNCH		
30AUG16	----	----	34.00	+ 0.37	----	----	108	UNCH		
31AUG16	----	----	34.00	+ 0.37	----	----	108	UNCH		
TOTAL PNP FUT							2702	- 109		
NOC FUT PJM NORTERN ILL HUB RT OP DAILY										
26JUL16	----	----	21.93	UNCH	----	----	0	- 1128		
27JUL16	----	----	20.72	UNCH	----	----	1128	UNCH		
28JUL16	----	----	22.82	UNCH	----	----	1128	UNCH		
29JUL16	----	----	22.20	UNCH	----	----	1128	UNCH		
30JUL16	----	----	25.83	UNCH	----	----	3384	UNCH		
31JUL16	----	----	33.83	UNCH	----	----	3384	UNCH		
01AUG16	----	----	21.09	UNCH	----	----	1288	UNCH		
02AUG16	----	----	20.78	- 0.65	----	----	1288	UNCH		
03AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
04AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
05AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
06AUG16	----	----	21.43	UNCH	----	----	3864	UNCH		
07AUG16	----	----	21.43	UNCH	----	----	3864	UNCH		
08AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
09AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
10AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
11AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
12AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
13AUG16	----	----	21.43	UNCH	----	----	3864	UNCH		
14AUG16	----	----	21.43	UNCH	----	----	3864	UNCH		
15AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
16AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
17AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
18AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
19AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
20AUG16	----	----	21.43	UNCH	----	----	3864	UNCH		
21AUG16	----	----	21.43	UNCH	----	----	3864	UNCH		
22AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
23AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
24AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
25AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
26AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
27AUG16	----	----	21.43	UNCH	----	----	3864	UNCH		
28AUG16	----	----	21.43	UNCH	----	----	3864	UNCH		
29AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
30AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
31AUG16	----	----	21.43	UNCH	----	----	1288	UNCH		
TOTAL NOC FUT							70688	- 1128		
JP FUT PJM OFF-PEAK LMP FUTURE										
JUL16	----	----	23.83	UNCH	----	----	244	UNCH		
AUG16	----	----	23.14	- 0.04	----	----	244	UNCH		
SEP16	----	----	22.48	+ 0.23	----	----	264	UNCH		
OCT16	----	----	23.64	+ 0.12	----	----	244	UNCH		
NOV16	----	----	24.58	+ 0.03	----	----	244	UNCH		
DEC16	----	----	29.76	+ 0.02	----	----	244	UNCH		
JAN17	----	----	43.14	+ 0.16	----	----	46	UNCH		
FEB17	----	----	38.92	+ 0.11	----	----	46	UNCH		
MAR17	----	----	30.37	- 0.11	----	----	66	UNCH		
APR17	----	----	25.58	+ 0.33	----	----	66	UNCH		

PG61 BULLETIN #148@		ENERGY FUTURES PRODUCTS					wed, Aug 03, 2016		PG61	
		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE	LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST			
JP FUT	PJM OFF-PEAK LMP FUTURE									
MAY17	----	----	21.73 + 0.09	----	----	46	UNCH			
JUN17	----	----	21.71 + 0.05	----	----	46	UNCH			
JUL17	----	----	25.50 + 0.11	----	----	46	UNCH			
AUG17	----	----	23.34 + 0.10	----	----	46	UNCH			
SEP17	----	----	21.71 + 0.07	----	----	46	UNCH			
OCT17	----	----	22.97 + 0.03	----	----	42	UNCH			
NOV17	----	----	23.58 + 0.04	----	----	42	UNCH			
DEC17	----	----	26.39 + 0.04	----	----	42	UNCH			
JAN18	----	----	43.15 + 0.63	----	----	42	UNCH			
FEB18	----	----	39.55 + 0.62	----	----	42	UNCH			
MAR18	----	----	28.24 - 0.22	----	----	42	UNCH			
APR18	----	----	25.02 - 0.22	----	----	42	UNCH			
MAY18	----	----	20.60 + 0.36	----	----	42	UNCH			
JUN18	----	----	21.15 + 0.38	----	----	42	UNCH			
JUL18	----	----	23.53 - 0.27	----	----	42	UNCH			
AUG18	----	----	22.98 - 0.22	----	----	42	UNCH			
SEP18	----	----	21.19 + 0.37	----	----	40	UNCH			
OCT18	----	----	22.14 - 0.23	----	----	40	UNCH			
NOV18	----	----	22.29 - 0.23	----	----	40	UNCH			
DEC18	----	----	25.17 - 0.29	----	----	40	UNCH			
TOTAL JP FUT							2560			
50 FUT	PJM PANELEC ZONE OFFPK CAL LMP									
JUL16	----	----	22.99 UNCH	----	----	2120	UNCH			
AUG16	----	----	22.31 - 0.10	----	----	1880	UNCH			
SEP16	----	----	20.47 + 0.42	----	----	1920	UNCH			
OCT16	----	----	22.25 + 0.04	----	----	2040	UNCH			
NOV16	----	----	23.04 + 0.06	----	----	1925	UNCH			
DEC16	----	----	28.04 + 0.43	----	----	2040	UNCH			
TOTAL 50 FUT							11925			
49 FUT	PJM PANELEC ZONE PEAK CAL LMP									
JUL16	----	----	42.32 UNCH	----	----	100	UNCH			
AUG16	----	----	36.27 - 0.21	----	----	115	UNCH			
SEP16	----	----	32.39 + 0.01	----	----	105	UNCH			
OCT16	----	----	31.92 + 0.18	----	----	105	UNCH			
NOV16	----	----	33.06 + 0.23	----	----	105	UNCH			
DEC16	----	----	37.58 - 0.07	----	----	105	UNCH			
TOTAL 49 FUT							635			
F5 FUT	PJM PPL DA OFF-PEAK									
JUL16	----	----	21.68 UNCH	----	----	5512	UNCH			
AUG16	----	----	20.56 - 0.12	----	----	4888	UNCH			
SEP16	----	----	16.82 + 0.37	----	----	4992	UNCH			
OCT16	----	----	18.27 - 0.02	----	----	5304	UNCH			
NOV16	----	----	18.96 UNCH	----	----	5005	UNCH			
DEC16	----	----	27.04 + 0.42	----	----	5304	UNCH			
TOTAL F5 FUT							31005			
L5 FUT	PJM PPL DA PEAK									
JUL16	----	----	42.11 UNCH	----	----	260	UNCH			
AUG16	----	----	33.92 - 0.25	----	----	299	UNCH			
SEP16	----	----	28.63 - 0.05	----	----	273	UNCH			
OCT16	----	----	27.69 + 0.12	----	----	273	UNCH			
NOV16	----	----	28.93 + 0.18	----	----	273	UNCH			
DEC16	----	----	36.32 - 0.08	----	----	273	UNCH			
TOTAL L5 FUT							1651			
W6 FUT	PJM PSEG DA OFF-PEAK									
JUL16	----	----	22.29 UNCH	----	----	2120	UNCH			
AUG16	----	----	21.33 - 0.12	----	----	1880	UNCH			
SEP16	----	----	18.92 + 0.40	----	----	1920	UNCH			
OCT16	----	----	19.07 - 0.02	----	----	2040	UNCH			
NOV16	----	----	19.81 + 0.01	----	----	1925	UNCH			
DEC16	----	----	29.80 + 0.45	----	----	2040	UNCH			
JAN17	----	----	48.64 + 0.05	----	----	2040	UNCH			
FEB17	----	----	44.11 + 0.10	----	----	1760	UNCH			
MAR17	----	----	29.21 - 0.21	----	----	1875	UNCH			
APR17	----	----	22.17 + 0.26	----	----	2000	UNCH			
MAY17	----	----	18.52 + 0.17	----	----	1960	UNCH			
JUN17	----	----	19.14 + 0.34	----	----	7360	UNCH			
JUL17	----	----	23.05 + 0.20	----	----	8480	UNCH			
AUG17	----	----	20.56 + 0.20	----	----	7520	UNCH			
SEP17	----	----	19.84 + 0.34	----	----	8000	UNCH			
OCT17	----	----	20.87 + 0.37	----	----	7840	UNCH			
NOV17	----	----	21.64 + 0.29	----	----	7700	UNCH			
DEC17	----	----	27.37 + 0.41	----	----	8480	UNCH			
JAN18	----	----	50.34 + 0.69	----	----	7840	UNCH			
FEB18	----	----	46.34 + 0.67	----	----	7040	UNCH			
MAR18	----	----	29.10 + 0.10	----	----	7820	UNCH			
APR18	----	----	23.18 + 0.04	----	----	7680	UNCH			
MAY18	----	----	18.85 - 0.07	----	----	7840	UNCH			
JUN18	----	----	18.78 + 0.06	----	----	1920	UNCH			
JUL18	----	----	21.75 + 0.20	----	----	2040	UNCH			
AUG18	----	----	21.23 + 0.21	----	----	1880	UNCH			
SEP18	----	----	20.00 - 0.13	----	----	2080	UNCH			
OCT18	----	----	20.34 + 0.11	----	----	1880	UNCH			
NOV18	----	----	20.84 + 0.11	----	----	1925	UNCH			
DEC18	----	----	27.43 + 0.12	----	----	2120	UNCH			
JAN19	----	----	48.93 + 0.24	----	----	1960	UNCH			
FEB19	----	----	45.81 + 0.27	----	----	1760	UNCH			
MAR19	----	----	30.05 + 0.15	----	----	2035	UNCH			
APR19	----	----	23.23 + 0.09	----	----	1840	UNCH			
MAY19	----	----	20.32 + 0.12	----	----	1960	UNCH			
TOTAL W6 FUT							138560			
L6 FUT	PJM PSEG DA PEAK									
JUN17	----	----	33.09 + 0.11	----	----	440	UNCH			
JUL17	----	----	41.79 - 0.03	----	----	400	UNCH			
AUG17	----	----	38.59 - 0.06	----	----	460	UNCH			
SEP17	----	----	30.59 - 0.02	----	----	400	UNCH			
OCT17	----	----	30.30 - 0.20	----	----	440	UNCH			
NOV17	----	----	31.89 UNCH	----	----	420	UNCH			
DEC17	----	----	39.85 - 0.37	----	----	400	UNCH			
JAN18	----	----	64.28 + 0.20	----	----	440	UNCH			
FEB18	----	----	59.97 + 0.17	----	----	400	UNCH			
MAR18	----	----	38.71 + 0.05	----	----	440	UNCH			

PG61 BULLETIN #148@			ENERGY FUTURES PRODUCTS				Wed, Aug 03, 2016 PG61		
			GLOBAL EX	PRICE		GLOBAL EX®	PNT/PIT	OPEN	
			OPEN	& PT. CHGE		VOLUME	VOLUME	INTEREST	
			HIGH/LOW						
L6 FUT	PJM PSEG DA PEAK								
APR18		----	----	30.54	+ 0.04	----	----	420	UNCH
MAY18		----	----	30.59	- 0.17	----	----	440	UNCH
TOTAL	L6 FUT							5100	
PWO FUT	PJM WESTERN HUB DA OP DAILY FUT								
27JUL16		----	----	21.64	UNCH	----	----	0 -	1312
28JUL16		----	----	22.84	UNCH	----	----	1312	UNCH
29JUL16		----	----	22.33	UNCH	----	----	1312	UNCH
30JUL16		----	----	27.65	UNCH	----	----	3936	UNCH
31JUL16		----	----	26.77	UNCH	----	----	3936	UNCH
01AUG16		----	----	21.61	UNCH	----	----	1312	UNCH
02AUG16		----	----	21.24	UNCH	----	----	1312	UNCH
03AUG16		----	----	21.83	UNCH	----	----	1312	UNCH
04AUG16		----	----	20.25	- 2.97	----	----	1312	UNCH
05AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
06AUG16		----	----	23.22	UNCH	----	----	3936	UNCH
07AUG16		----	----	23.22	UNCH	----	----	3936	UNCH
08AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
09AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
10AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
11AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
12AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
13AUG16		----	----	23.22	UNCH	----	----	3936	UNCH
14AUG16		----	----	23.22	UNCH	----	----	3936	UNCH
15AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
16AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
17AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
18AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
19AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
20AUG16		----	----	23.22	UNCH	----	----	3936	UNCH
21AUG16		----	----	23.22	UNCH	----	----	3936	UNCH
22AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
23AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
24AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
25AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
26AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
27AUG16		----	----	23.22	UNCH	----	----	3936	UNCH
28AUG16		----	----	23.22	UNCH	----	----	3936	UNCH
29AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
30AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
31AUG16		----	----	23.22	UNCH	----	----	1312	UNCH
TOTAL	PWO FUT							72160 -	1312
PWP FUT	PJM WESTERN HUB DA PEAK DAILY								
27JUL16		----	----	40.91	UNCH	----	----	0 -	175
28JUL16		----	----	41.70	UNCH	----	----	175	UNCH
29JUL16		----	----	34.72	UNCH	----	----	175	UNCH
01AUG16		----	----	40.66	UNCH	----	----	175	UNCH
02AUG16		----	----	37.86	UNCH	----	----	175	UNCH
03AUG16		----	----	35.87	UNCH	----	----	175	UNCH
04AUG16		----	----	34.31	- 3.69	----	----	175	UNCH
05AUG16		----	----	35.88	- 2.12	----	----	175	UNCH
08AUG16		----	----	38.38	+ 1.00	----	----	175	UNCH
09AUG16		----	----	38.38	+ 1.00	----	----	175	UNCH
10AUG16		----	----	38.38	+ 1.00	----	----	175	UNCH
11AUG16		----	----	38.38	+ 1.00	----	----	175	UNCH
12AUG16		----	----	38.38	+ 1.00	----	----	175	UNCH
15AUG16		----	----	36.50	- 1.50	----	----	175	UNCH
16AUG16		----	----	36.50	- 1.50	----	----	175	UNCH
17AUG16		----	----	36.50	- 1.50	----	----	175	UNCH
18AUG16		----	----	36.50	- 1.50	----	----	175	UNCH
19AUG16		----	----	36.50	- 1.50	----	----	175	UNCH
22AUG16		----	----	37.19	- 0.26	----	----	175	UNCH
23AUG16		----	----	37.19	- 0.26	----	----	175	UNCH
24AUG16		----	----	37.19	- 0.26	----	----	175	UNCH
25AUG16		----	----	37.19	- 0.26	----	----	175	UNCH
26AUG16		----	----	37.19	- 0.26	----	----	175	UNCH
29AUG16		----	----	37.19	- 0.26	----	----	175	UNCH
30AUG16		----	----	37.19	- 0.26	----	----	175	UNCH
31AUG16		----	----	37.19	- 0.26	----	----	175	UNCH
TOTAL	PWP FUT							4375 -	175
WOR FUT	PJM WESTERN HUB RT OP DAILY								
26JUL16		----	----	22.47	UNCH	----	----	0 -	4576
27JUL16		----	----	26.21	UNCH	----	----	4576	UNCH
28JUL16		----	----	24.21	UNCH	----	----	4576	UNCH
29JUL16		----	----	23.13	UNCH	----	----	4576	UNCH
30JUL16		----	----	28.26	UNCH	----	----	13728	UNCH
31JUL16		----	----	37.33	UNCH	----	----	13728	UNCH
01AUG16		----	----	21.62	UNCH	----	----	4336	UNCH
02AUG16		----	----	21.59	- 1.62	----	----	4336	UNCH
03AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
04AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
05AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
06AUG16		----	----	23.21	UNCH	----	----	13008	UNCH
07AUG16		----	----	23.21	UNCH	----	----	13008	UNCH
08AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
09AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
10AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
11AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
12AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
13AUG16		----	----	23.21	UNCH	----	----	13008	UNCH
14AUG16		----	----	23.21	UNCH	----	----	13008	UNCH
15AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
16AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
17AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
18AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
19AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
20AUG16		----	----	23.21	UNCH	----	----	13008	UNCH
21AUG16		----	----	23.21	UNCH	----	----	13008	UNCH
22AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
23AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
24AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
25AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
26AUG16		----	----	23.21	UNCH	----	----	4336	UNCH
27AUG16		----	----	23.21	UNCH	----	----	13008	UNCH
28AUG16		----	----	23.21	UNCH	----	----	13008	UNCH



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PRELIMINARY



GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
WOR FUT		PJM WESTERN HUB RT OP DAILY							
29AUG16	----	----	23.21	UNCH		----	----	4336	UNCH
30AUG16	----	----	23.21	UNCH		----	----	4336	UNCH
31AUG16	----	----	23.21	UNCH		----	----	4336	UNCH
TOTAL WOR FUT								244976	- 4576
E4 FUT		PJM WESTH DA OFF-PEAK							
SEP16	----	----	22.53	+	0.23	----	----	45696	UNCH
OCT16	----	----	23.69	+	0.12	----	----	48552	UNCH
NOV16	----	----	24.63	+	0.03	----	----	53515	UNCH
DEC16	----	----	29.81	+	0.02	----	----	56712	UNCH
JAN17	----	----	43.19	+	0.16	----	----	71400	UNCH
FEB17	----	----	38.97	+	0.11	----	----	61600	UNCH
MAR17	----	----	30.42	-	0.11	----	----	65625	UNCH
APR17	----	----	25.63	+	0.33	----	----	70000	UNCH
MAY17	----	----	21.78	+	0.09	----	----	68600	UNCH
JUN17	----	----	21.76	+	0.05	----	----	60720	UNCH
JUL17	----	----	25.55	+	0.11	----	----	69960	UNCH
AUG17	----	----	23.39	+	0.10	----	----	62040	UNCH
SEP17	----	----	21.76	+	0.07	----	----	66000	UNCH
OCT17	----	----	23.02	+	0.03	----	----	64680	UNCH
NOV17	----	----	23.63	+	0.04	----	----	63525	UNCH
DEC17	----	----	26.44	+	0.04	----	----	69960	UNCH
JAN18	----	----	43.20	+	0.63	----	----	9800	UNCH
FEB18	----	----	39.60	+	0.62	----	----	8800	UNCH
MAR18	----	----	28.29	-	0.22	----	----	9775	UNCH
APR18	----	----	25.07	-	0.22	----	----	9600	UNCH
MAY18	----	----	20.65	+	0.36	----	----	9800	UNCH
JUN18	----	----	21.20	+	0.38	----	----	6528	UNCH
JUL18	----	----	23.58	-	0.27	----	----	6936	UNCH
AUG18	----	----	23.03	-	0.22	----	----	6392	UNCH
SEP18	----	----	21.24	+	0.37	----	----	7072	UNCH
OCT18	----	----	22.19	-	0.23	----	----	6392	UNCH
NOV18	----	----	22.34	-	0.23	----	----	6545	UNCH
DEC18	----	----	25.22	-	0.29	----	----	7208	UNCH
JAN19	----	----	40.45	+	0.06	----	----	2744	UNCH
FEB19	----	----	38.11	+	0.10	----	----	2464	UNCH
MAR19	----	----	28.72	+	0.05	----	----	2849	UNCH
APR19	----	----	24.37	+	0.02	----	----	2576	UNCH
MAY19	----	----	22.13	+	0.07	----	----	2744	UNCH
JUN19	----	----	21.98	+	0.07	----	----	800	UNCH
JUL19	----	----	24.72	+	0.03	----	----	784	UNCH
AUG19	----	----	24.12	+	0.02	----	----	784	UNCH
SEP19	----	----	21.48	+	0.07	----	----	800	UNCH
OCT19	----	----	21.73	+	0.07	----	----	752	UNCH
NOV19	----	----	22.87	+	0.06	----	----	802	UNCH
DEC19	----	----	23.82	+	0.02	----	----	816	UNCH
JAN20	----	----	40.31	-	0.09	----	----	784	UNCH
FEB20	----	----	37.81	-	0.04	----	----	752	UNCH
MAR20	----	----	29.01	-	0.05	----	----	782	UNCH
APR20	----	----	23.91	-	0.06	----	----	736	UNCH
MAY20	----	----	22.16	-	0.01	----	----	848	UNCH
JUN20	----	----	22.16	-	0.01	----	----	736	UNCH
JUL20	----	----	23.86	-	0.06	----	----	752	UNCH
AUG20	----	----	23.46	-	0.06	----	----	816	UNCH
SEP20	----	----	20.46	-	0.01	----	----	768	UNCH
OCT20	----	----	22.06	-	0.01	----	----	784	UNCH
NOV20	----	----	22.26	-	0.01	----	----	802	UNCH
DEC20	----	----	25.46	-	0.06	----	----	784	UNCH
TOTAL E4 FUT								1121692	
N9 FUT		PJM WESTH RT OFF-PEAK							
SEP16	----	----	22.48	+	0.23	----	----	135936	UNCH
OCT16	----	----	23.64	+	0.12	----	----	197472	UNCH
NOV16	----	----	24.58	+	0.03	----	----	190190	UNCH
DEC16	----	----	29.76	+	0.02	----	----	209712	UNCH
JAN17	----	----	43.14	+	0.16	----	1632	102000	UNCH
FEB17	----	----	38.92	+	0.11	----	1408	88000	UNCH
MAR17	----	----	30.37	-	0.11	----	1500	96000	- 1500
APR17	----	----	25.58	+	0.33	----	1600	72000	- 1600
MAY17	----	----	21.73	+	0.09	----	1568	72520	- 1568
JUN17	----	----	21.71	+	0.05	----	1472	76912	- 1472
JUL17	----	----	25.50	+	0.11	----	1696	84376	- 1696
AUG17	----	----	23.34	+	0.10	----	1504	74824	- 1504
SEP17	----	----	21.71	+	0.07	----	1600	83600	- 1600
OCT17	----	----	22.97	+	0.03	----	1568	85848	- 1568
NOV17	----	----	23.58	+	0.04	----	1540	84315	- 1540
DEC17	----	----	26.39	+	0.04	----	1696	92856	- 1696
JAN18	----	----	43.15	+	0.63	----	----	63504	UNCH
FEB18	----	----	39.55	+	0.62	----	----	57024	UNCH
MAR18	----	----	28.24	-	0.22	----	----	51612	UNCH
APR18	----	----	25.02	-	0.22	----	----	50688	UNCH
MAY18	----	----	20.60	+	0.36	----	----	51744	UNCH
JUN18	----	----	21.15	+	0.38	----	----	43392	UNCH
JUL18	----	----	23.53	-	0.27	----	----	46104	UNCH
AUG18	----	----	22.98	-	0.22	----	----	42488	UNCH
SEP18	----	----	21.19	+	0.37	----	----	47008	UNCH
OCT18	----	----	22.14	-	0.23	----	----	42488	UNCH
NOV18	----	----	22.29	-	0.23	----	----	43505	UNCH
DEC18	----	----	25.17	-	0.29	----	----	47912	UNCH
JAN19	----	----	40.40	+	0.06	----	----	44688	UNCH
FEB19	----	----	38.06	+	0.10	----	----	40128	UNCH
MAR19	----	----	28.67	+	0.05	----	----	50468	UNCH
APR19	----	----	24.32	+	0.02	----	----	45632	UNCH
MAY19	----	----	22.08	+	0.07	----	----	48608	UNCH
JUN19	----	----	21.93	+	0.07	----	----	28400	UNCH
JUL19	----	----	24.67	+	0.03	----	----	27832	UNCH
AUG19	----	----	24.07	+	0.02	----	----	27832	UNCH
SEP19	----	----	21.43	+	0.07	----	----	28400	UNCH
OCT19	----	----	21.68	+	0.07	----	----	26696	UNCH
NOV19	----	----	22.82	+	0.06	----	----	28471	UNCH
DEC19	----	----	23.77	+	0.02	----	----	28968	UNCH
JAN20	----	----	40.26	-	0.09	----	----	7840	UNCH
FEB20	----	----	37.76	-	0.04	----	----	7520	UNCH
MAR20	----	----	28.96	-	0.05	----	----	7820	UNCH
APR20	----	----	23.86	-	0.06	----	----	7360	UNCH
MAY20	----	----	22.11	-	0.01	----	----	8480	UNCH
JUN20	----	----	22.11	-	0.01	----	----	7360	UNCH



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PG61 BULLETIN #148@ ENERGY FUTURES PRODUCTS Wed, Aug 03, 2016 PG61

GLOBEX OPEN		GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE			GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
N9 FUT	PJM WESTH RT OFF-PEAK								
JUL20	----	----	23.81	-	0.06	----	----	7520	UNCH
AUG20	----	----	23.41	-	0.06	----	----	8160	UNCH
SEP20	----	----	20.41	-	0.01	----	----	7680	UNCH
OCT20	----	----	22.01	-	0.01	----	----	7840	UNCH
NOV20	----	----	22.21	-	0.01	----	----	8020	UNCH
DEC20	----	----	25.41	-	0.06	----	----	7840	UNCH
JAN21	----	----	40.78	-	0.73	----	----	8480	UNCH
FEB21	----	----	37.79	-	0.63	----	----	7040	UNCH
MAR21	----	----	28.80	-	0.51	----	----	7500	UNCH
APR21	----	----	23.71	-	0.44	----	----	7360	UNCH
MAY21	----	----	21.92	-	0.35	----	----	8480	UNCH
JUN21	----	----	21.92	-	0.35	----	----	7360	UNCH
JUL21	----	----	24.11	-	0.44	----	----	8160	UNCH
AUG21	----	----	23.61	-	0.43	----	----	7840	UNCH
SEP21	----	----	21.07	-	0.34	----	----	7680	UNCH
OCT21	----	----	21.96	-	0.36	----	----	8160	UNCH
NOV21	----	----	22.31	-	0.37	----	----	7700	UNCH
DEC21	----	----	25.21	-	0.45	----	----	7520	UNCH
TOTAL N9 FUT							18784	2946873 - 15744	
L1 FUT	PJM WESTH RT PEAK								
SEP16	----	----	34.49	+	0.04	----	----	11004	UNCH
OCT16	----	----	33.58	+	0.25	----	----	7497	UNCH
NOV16	----	----	34.62	+	0.25	----	----	7266	UNCH
DEC16	----	----	38.88	+	0.14	----	----	8127	UNCH
JAN17	----	----	54.81	+	0.15	----	----	6048	UNCH
FEB17	----	----	53.56	-	0.30	----	----	5760	UNCH
MAR17	----	----	39.00	+	0.15	----	----	4830	UNCH
APR17	----	----	34.88	+	0.03	----	----	4200	UNCH
MAY17	----	----	35.09	+	0.04	----	----	4576	UNCH
JUN17	----	----	36.15	+	0.13	----	----	5412	UNCH
JUL17	----	----	43.79	-	0.02	----	----	3720	UNCH
AUG17	----	----	40.89	-	0.05	----	----	4278	UNCH
SEP17	----	----	34.09	UNCH		----	----	4100	UNCH
OCT17	----	----	32.19	-	0.22	----	----	5654	UNCH
NOV17	----	----	33.24	-	0.01	----	----	5544	UNCH
DEC17	----	----	37.03	-	0.33	----	----	4620	UNCH
JAN18	----	----	54.60	+	0.16	----	----	3014	UNCH
FEB18	----	----	50.90	+	0.14	----	----	2740	UNCH
MAR18	----	----	37.71	+	0.05	----	----	3278	UNCH
APR18	----	----	32.49	+	0.05	----	----	3129	UNCH
MAY18	----	----	33.33	-	0.17	----	----	3014	UNCH
JUN18	----	----	34.43	+	0.10	----	----	2814	UNCH
JUL18	----	----	44.37	+	0.23	----	----	2646	UNCH
AUG18	----	----	39.63	+	0.22	----	----	2898	UNCH
SEP18	----	----	32.29	-	0.29	----	----	2736	UNCH
OCT18	----	----	30.40	+	0.04	----	----	6992	UNCH
NOV18	----	----	31.31	+	0.06	----	----	6384	UNCH
DEC18	----	----	35.04	+	0.05	----	----	6080	UNCH
JAN19	----	----	53.64	+	0.13	----	----	2068	UNCH
FEB19	----	----	49.47	+	0.10	----	----	1880	UNCH
MAR19	----	----	35.86	+	0.09	----	----	2184	UNCH
APR19	----	----	31.44	+	0.05	----	----	2288	UNCH
MAY19	----	----	31.64	+	0.05	----	----	2288	UNCH
JUN19	----	----	34.20	+	0.07	----	----	1180	UNCH
JUL19	----	----	45.45	+	0.11	----	----	1342	UNCH
AUG19	----	----	40.58	+	0.08	----	----	1342	UNCH
SEP19	----	----	31.94	+	0.05	----	----	1180	UNCH
OCT19	----	----	29.38	+	0.08	----	----	1357	UNCH
NOV19	----	----	29.93	+	0.09	----	----	1180	UNCH
DEC19	----	----	33.85	+	0.07	----	----	1239	UNCH
JAN20	----	----	53.42	+	0.24	----	----	968	UNCH
FEB20	----	----	48.58	+	0.19	----	----	880	UNCH
MAR20	----	----	36.20	+	0.18	----	----	968	UNCH
APR20	----	----	31.42	+	0.14	----	----	968	UNCH
MAY20	----	----	32.72	+	0.14	----	----	880	UNCH
JUN20	----	----	34.08	+	0.16	----	----	968	UNCH
JUL20	----	----	44.56	+	0.21	----	----	1012	UNCH
AUG20	----	----	39.42	+	0.16	----	----	924	UNCH
SEP20	----	----	31.26	+	0.13	----	----	924	UNCH
OCT20	----	----	29.30	+	0.12	----	----	968	UNCH
NOV20	----	----	29.75	+	0.12	----	----	880	UNCH
DEC20	----	----	33.73	+	0.16	----	----	968	UNCH
JAN21	----	----	52.37	-	0.24	----	----	40	UNCH
FEB21	----	----	46.90	-	0.18	----	----	40	UNCH
MAR21	----	----	36.10	-	0.18	----	----	46	UNCH
APR21	----	----	32.19	-	0.12	----	----	44	UNCH
MAY21	----	----	32.89	-	0.12	----	----	40	UNCH
JUN21	----	----	34.70	-	0.12	----	----	44	UNCH
JUL21	----	----	46.14	-	0.19	----	----	42	UNCH
AUG21	----	----	40.72	-	0.18	----	----	44	UNCH
SEP21	----	----	32.39	-	0.12	----	----	42	UNCH
OCT21	----	----	30.53	-	0.12	----	----	42	UNCH
NOV21	----	----	31.13	-	0.12	----	----	42	UNCH
DEC21	----	----	33.94	-	0.13	----	----	46	UNCH
TOTAL L1 FUT								169709	
J4 FUT	PJM WESTHDA PEAK								
SEP16	----	----	34.49	+	0.04	----	----	2919	UNCH
OCT16	----	----	33.58	+	0.25	----	----	2499	UNCH
NOV16	----	----	34.62	+	0.25	----	----	2499	UNCH
DEC16	----	----	38.88	+	0.14	----	----	2499	UNCH
JAN17	----	----	54.81	+	0.15	----	----	3696	UNCH
FEB17	----	----	53.56	-	0.30	----	----	3520	UNCH
MAR17	----	----	39.00	+	0.15	----	----	4048	UNCH
APR17	----	----	34.88	+	0.03	----	----	3520	UNCH
MAY17	----	----	35.09	+	0.04	----	----	3872	UNCH
JUN17	----	----	36.15	+	0.13	----	----	3872	UNCH
JUL17	----	----	43.79	-	0.02	----	----	3520	UNCH
AUG17	----	----	40.89	-	0.05	----	----	4048	UNCH
SEP17	----	----	34.09	UNCH		----	----	3520	UNCH
OCT17	----	----	32.19	-	0.22	----	----	3872	UNCH
NOV17	----	----	33.24	-	0.01	----	----	3696	UNCH
DEC17	----	----	37.03	-	0.33	----	----	3520	UNCH
JAN18	----	----	54.60	+	0.16	----	----	550	UNCH
FEB18	----	----	50.90	+	0.14	----	----	500	UNCH
MAR18	----	----	37.71	+	0.05	----	----	550	UNCH

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE	LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
J4 FUT	PJM WESTHDA PEAK							
APR18		----	----	32.49 + 0.05	----	----	525	UNCH
MAY18		----	----	33.33 - 0.17	----	----	550	UNCH
JUN18		----	----	34.43 + 0.10	----	----	252	UNCH
JUL18		----	----	44.37 + 0.23	----	----	252	UNCH
AUG18		----	----	39.63 + 0.22	----	----	276	UNCH
SEP18		----	----	32.29 - 0.29	----	----	228	UNCH
OCT18		----	----	30.40 + 0.04	----	----	276	UNCH
NOV18		----	----	31.31 + 0.06	----	----	252	UNCH
DEC18		----	----	35.04 + 0.05	----	----	240	UNCH
JAN19		----	----	53.64 + 0.13	----	----	44	UNCH
FEB19		----	----	49.47 + 0.10	----	----	40	UNCH
MAR19		----	----	35.86 + 0.09	----	----	42	UNCH
APR19		----	----	31.44 + 0.05	----	----	44	UNCH
MAY19		----	----	31.64 + 0.05	----	----	44	UNCH
JUN19		----	----	34.20 + 0.07	----	----	40	UNCH
JUL19		----	----	45.45 + 0.11	----	----	44	UNCH
AUG19		----	----	40.58 + 0.08	----	----	44	UNCH
SEP19		----	----	31.94 + 0.05	----	----	40	UNCH
OCT19		----	----	29.38 + 0.08	----	----	46	UNCH
NOV19		----	----	29.93 + 0.09	----	----	40	UNCH
DEC19		----	----	33.85 + 0.07	----	----	42	UNCH
JAN20		----	----	53.42 + 0.24	----	----	44	UNCH
FEB20		----	----	48.58 + 0.19	----	----	40	UNCH
MAR20		----	----	36.20 + 0.18	----	----	44	UNCH
APR20		----	----	31.42 + 0.14	----	----	44	UNCH
MAY20		----	----	32.72 + 0.14	----	----	40	UNCH
JUN20		----	----	34.08 + 0.16	----	----	44	UNCH
JUL20		----	----	44.56 + 0.21	----	----	46	UNCH
AUG20		----	----	39.42 + 0.16	----	----	42	UNCH
SEP20		----	----	31.26 + 0.13	----	----	42	UNCH
OCT20		----	----	29.30 + 0.12	----	----	44	UNCH
NOV20		----	----	29.75 + 0.12	----	----	40	UNCH
DEC20		----	----	33.73 + 0.16	----	----	44	UNCH
TOTAL	J4 FUT						60595	

COAL FUTURES PRODUCTS

		LOBEX OPEN	LOBEX HIGH/LOW	SETT. PRICE & PT. CHGE	LOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
ALW FUT	AUSTRALIAN COKING (PLATTS) LOW VOL							
JUL16		----	----	96.20 UNCH	----	----	54	UNCH
AUG16		----	----	105.38 + 1.63	----	----	59	UNCH
SEP16		----	----	106.00 + 0.62	----	----	59	UNCH
OCT16		----	----	108.50 + 1.00	----	----	45	UNCH
NOV16		----	----	108.13 + 1.38	----	----	45	UNCH
DEC16		----	----	108.13 + 1.38	----	----	45	UNCH
JAN17		----	----	109.50 + 1.25	----	----	53	UNCH
FEB17		----	----	109.50 + 1.25	----	----	53	UNCH
MAR17		----	----	109.50 + 1.25	----	----	53	UNCH
APR17		----	----	110.25 + 1.25	----	2	38	UNCH
MAY17		----	----	110.25 + 1.25	----	2	38	UNCH
JUN17		----	----	110.25 + 1.25	----	2	38	UNCH
JUL17		----	----	107.50 UNCH	----	----	26	UNCH
AUG17		----	----	107.50 UNCH	----	----	26	UNCH
SEP17		----	----	107.50 UNCH	----	----	26	UNCH
OCT17		----	----	111.75 + 2.50	----	----	26	UNCH
NOV17		----	----	111.75 + 2.50	----	----	26	UNCH
DEC17		----	----	111.75 + 2.50	----	----	26	UNCH
JAN18		----	----	111.25 + 1.25	----	----	22	UNCH
FEB18		----	----	111.25 + 1.25	----	----	22	UNCH
MAR18		----	----	111.25 + 1.25	----	----	22	UNCH
APR18		----	----	111.25 + 1.25	----	----	22	UNCH
MAY18		----	----	111.25 + 1.25	----	----	22	UNCH
JUN18		----	----	111.25 + 1.25	----	----	22	UNCH
JUL18		----	----	111.25 + 1.25	----	----	22	UNCH
AUG18		----	----	111.25 + 1.25	----	----	22	UNCH
SEP18		----	----	111.25 + 1.25	----	----	22	UNCH
OCT18		----	----	111.25 + 1.25	----	----	22	UNCH
NOV18		----	----	111.25 + 1.25	----	----	22	UNCH
DEC18		----	----	111.25 + 1.25	----	----	22	UNCH
TOTAL	ALW FUT					6	1000	
SSI FUT	COAL API 8 CFR SOUTH CHINA							
JUL16		----	----	54.68 UNCH	----	----	0 -	10
AUG16		----	----	52.50 - 8.75	----	----	5	UNCH
SEP16		----	----	52.75 - 8.65	----	----	5	UNCH
OCT16		----	----	53.00 - 8.60	----	----	10	UNCH
NOV16		----	----	53.00 - 8.70	----	----	10	UNCH
DEC16		----	----	53.00 - 8.80	----	----	10	UNCH
TOTAL	SSI FUT						40 -	10
MTF FUT	COAL API2 CIF ARA ARG-MCCLOSKY							
JUL16		----	----	57.03 UNCH	----	----	0 -	8366
AUG16		----	----	61.20 - 0.45	----	90	9425 -	55
SEP16		----	----	62.05 - 0.50	----	175	9310 +	5
OCT16		----	----	62.35 - 0.55	----	223	8851 +	68
NOV16		----	----	62.35 - 0.55	----	138	8197 +	63
DEC16		----	----	62.35 - 0.55	----	138	8636 +	63
JAN17		----	----	61.10 - 0.60	----	117	3329 +	19
FEB17		----	----	61.10 - 0.60	----	117	3179 +	19
MAR17		----	----	61.10 - 0.60	----	117	3179 +	19
APR17		----	----	60.20 - 0.55	----	112	3967 +	20
MAY17		----	----	60.20 - 0.55	----	112	3967 +	20
JUN17		----	----	60.20 - 0.55	----	112	3967 +	20
JUL17		----	----	59.75 - 0.50	----	112	4072 +	20
AUG17		----	----	59.75 - 0.50	----	112	4088 +	20
SEP17		----	----	59.75 - 0.50	----	112	4088 +	20
OCT17		----	----	59.40 - 0.50	----	112	3963 +	20
NOV17		----	----	59.40 - 0.50	----	112	3963 +	20
DEC17		----	----	59.40 - 0.50	----	112	3963 +	20
JAN18		----	----	59.30 - 0.50	----	20	1049 +	20
FEB18		----	----	59.30 - 0.50	----	20	1049 +	20
MAR18		----	----	59.30 - 0.50	----	20	1049 +	20



PG61 BULLETIN #148@				ENERGY FUTURES PRODUCTS				wed, Aug 03, 2016 PG61					
		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME		PNT/PIT VOLUME		OPEN INTEREST	
MTF FUT		COAL API2 CIF ARA		ARG-MCCLOSKEY									
APR18		----		----		59.30 - 0.50		----		20		1049 + 20	
MAY18		----		----		59.30 - 0.50		----		20		1049 + 20	
JUN18		----		----		59.30 - 0.50		----		20		1049 + 20	
JUL18		----		----		59.30 - 0.50		----		20		1049 + 20	
AUG18		----		----		59.30 - 0.50		----		20		1049 + 20	
SEP18		----		----		59.30 - 0.50		----		20		1049 + 20	
OCT18		----		----		59.30 - 0.50		----		20		1049 + 20	
NOV18		----		----		59.30 - 0.50		----		20		1049 + 20	
DEC18		----		----		59.30 - 0.50		----		20		1049 + 20	
JAN19		----		----		59.15 - 0.55		----		----		208 UNCH	
FEB19		----		----		59.15 - 0.55		----		----		208 UNCH	
MAR19		----		----		59.15 - 0.55		----		----		208 UNCH	
APR19		----		----		59.15 - 0.55		----		----		208 UNCH	
MAY19		----		----		59.15 - 0.55		----		----		208 UNCH	
JUN19		----		----		59.15 - 0.55		----		----		208 UNCH	
JUL19		----		----		59.15 - 0.55		----		----		208 UNCH	
AUG19		----		----		59.15 - 0.55		----		----		208 UNCH	
SEP19		----		----		59.15 - 0.55		----		----		208 UNCH	
OCT19		----		----		59.15 - 0.55		----		----		208 UNCH	
NOV19		----		----		59.15 - 0.55		----		----		208 UNCH	
DEC19		----		----		59.15 - 0.55		----		----		208 UNCH	
TOTAL MTF FUT										2363		105228 - 7745	
MFF FUT		COAL API4 RCH BAY ARGS		MCCLOSKEY SW									
JUL16		----		----		61.88 UNCH		----		----		0 - 1650	
AUG16		----		----		66.00 - 0.25		----		25		1494 - 20	
SEP16		----		----		66.30 - 0.25		----		75		1555 + 60	
OCT16		----		----		66.35 - 0.30		----		5		1658 UNCH	
NOV16		----		----		66.30 - 0.35		----		5		1653 UNCH	
DEC16		----		----		66.30 - 0.35		----		5		1653 UNCH	
JAN17		----		----		65.20 - 0.60		----		----		656 UNCH	
FEB17		----		----		65.20 - 0.60		----		----		656 UNCH	
MAR17		----		----		65.20 - 0.60		----		----		656 UNCH	
APR17		----		----		64.20 - 0.55		----		----		721 UNCH	
MAY17		----		----		64.20 - 0.55		----		----		786 UNCH	
JUN17		----		----		64.20 - 0.55		----		----		721 UNCH	
JUL17		----		----		63.55 - 0.60		----		----		702 UNCH	
AUG17		----		----		63.55 - 0.60		----		----		702 UNCH	
SEP17		----		----		63.55 - 0.60		----		----		702 UNCH	
OCT17		----		----		63.25 - 0.40		----		----		697 UNCH	
NOV17		----		----		63.25 - 0.40		----		----		697 UNCH	
DEC17		----		----		63.25 - 0.40		----		----		697 UNCH	
JAN18		----		----		62.95 - 0.55		----		----		65 UNCH	
FEB18		----		----		62.95 - 0.55		----		----		65 UNCH	
MAR18		----		----		62.95 - 0.55		----		----		65 UNCH	
APR18		----		----		62.95 - 0.55		----		----		65 UNCH	
MAY18		----		----		62.95 - 0.55		----		----		65 UNCH	
JUN18		----		----		62.95 - 0.55		----		----		65 UNCH	
JUL18		----		----		62.95 - 0.55		----		----		65 UNCH	
AUG18		----		----		62.95 - 0.55		----		----		65 UNCH	
SEP18		----		----		62.95 - 0.55		----		----		65 UNCH	
OCT18		----		----		62.95 - 0.55		----		----		65 UNCH	
NOV18		----		----		62.95 - 0.55		----		----		65 UNCH	
DEC18		----		----		62.95 - 0.55		----		----		65 UNCH	
JAN19		----		----		62.70 - 0.55		----		----		10 UNCH	
FEB19		----		----		62.70 - 0.55		----		----		10 UNCH	
MAR19		----		----		62.70 - 0.55		----		----		10 UNCH	
APR19		----		----		62.70 - 0.55		----		----		10 UNCH	
MAY19		----		----		62.70 - 0.55		----		----		10 UNCH	
JUN19		----		----		62.70 - 0.55		----		----		10 UNCH	
JUL19		----		----		62.70 - 0.55		----		----		10 UNCH	
AUG19		----		----		62.70 - 0.55		----		----		10 UNCH	
SEP19		----		----		62.70 - 0.55		----		----		10 UNCH	
OCT19		----		----		62.70 - 0.55		----		----		10 UNCH	
NOV19		----		----		62.70 - 0.55		----		----		10 UNCH	
DEC19		----		----		62.70 - 0.55		----		----		10 UNCH	
TOTAL MFF FUT										115		17306 - 1610	
ACM FUT		COAL API5 FOB NEWCASTLE		ARG/MC FUT									
JUL16		----		----		49.06 UNCH		----		----		0 - 25	
AUG16		----		----		52.10 - 3.60		----		----		50 UNCH	
SEP16		----		----		52.00 - 3.65		----		----		25 UNCH	
OCT16		----		----		52.10 - 3.65		----		----		5 UNCH	
NOV16		----		----		52.15 - 3.60		----		----		5 UNCH	
DEC16		----		----		52.15 - 3.60		----		----		5 UNCH	
TOTAL ACM FUT												90 - 25	
QX FUT		EASTERN RAIL DELIVERY		CSX COAL									
SEP16		----		----		43.90 + 0.22		----		----		135 UNCH	
OCT16		----		----		45.00 UNCH		----		----		230 UNCH	
NOV16		----		----		45.00 UNCH		----		----		230 UNCH	
DEC16		----		----		45.00 UNCH		----		----		230 UNCH	
JAN17		----		----		45.90 + 0.02		----		----		145 UNCH	
FEB17		----		----		45.90 + 0.02		----		----		145 UNCH	
MAR17		----		----		45.90 + 0.02		----		----		145 UNCH	
APR17		----		----		46.75 + 0.07		----		----		75 UNCH	
MAY17		----		----		46.75 + 0.07		----		----		75 UNCH	
JUN17		----		----		46.75 + 0.07		----		----		75 UNCH	
JUL17		----		----		47.50 + 0.08		----		----		100 UNCH	
AUG17		----		----		47.50 + 0.08		----		----		100 UNCH	
SEP17		----		----		47.50 + 0.08		----		----		100 UNCH	
OCT17		----		----		48.00 + 0.02		----		----		115 UNCH	
NOV17		----		----		48.00 + 0.02		----		----		115 UNCH	
DEC17		----		----		48.00 + 0.02		----		----		115 UNCH	
JAN18		----		----		49.50 + 0.05		----		----		5 UNCH	
FEB18		----		----		49.50 + 0.05		----		----		5 UNCH	
MAR18		----		----		49.50 + 0.05		----		----		5 UNCH	
APR18		----		----		50.95 + 0.37		----		----		5 UNCH	
MAY18		----		----		50.95 + 0.37		----		----		5 UNCH	
JUN18		----		----		50.95 + 0.37		----		----		5 UNCH	
JUL18		----		----		51.60 + 0.30		----		----		5 UNCH	
AUG18		----		----		51.60 + 0.30		----		----		5 UNCH	
SEP18		----		----		51.60 + 0.30		----		----		5 UNCH	
OCT18		----		----		51.80 UNCH		----		----		5 UNCH	
NOV18		----		----		51.80 UNCH		----		----		5 UNCH	
DEC18		----		----		51.80 UNCH		----		----		5 UNCH	
TOTAL QX FUT												2190	

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PG61

BULLETIN #148@

ENERGY FUTURES PRODUCTS

Wed, Aug 03, 2016

PG61

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
MCCFUT	INDONESIAN COAL MCCLOSKEY SUBBIT.							
JUL16	----	----	41.92 UNCH		----	----	0 - 10	
AUG16	----	----	42.25 - 5.75		----	----	10 UNCH	
SEP16	----	----	42.25 - 7.50		----	----	10 UNCH	
OCT16	----	----	42.50 - 7.25		----	----	10 UNCH	
NOV16	----	----	42.50 - 7.25		----	----	10 UNCH	
DEC16	----	----	42.50 - 7.25		----	----	10 UNCH	
TOTAL MCCFUT							50 - 10	
QLD FUT	NYMEX APPALACHIAN COAL (PHYSICAL)							
SEP16	----	----	39.50 UNCH		----	----	5 UNCH	
OCT16	----	----	39.75 - 0.13		----	----	5 UNCH	
NOV16	----	----	39.75 - 0.13		----	----	5 UNCH	
DEC16	----	----	39.75 - 0.13		----	----	5 UNCH	
TOTAL QLD FUT							20	
QP FUT	WESTERN RAIL DELIVERY PRB COAL							
SEP16	----	----	9.78 - 0.02		----	----	395 UNCH	
OCT16	----	----	10.00 - 0.02		----	----	470 UNCH	
NOV16	----	----	10.00 - 0.02		----	----	470 UNCH	
DEC16	----	----	10.00 - 0.02		----	----	470 UNCH	
JAN17	----	----	10.20 - 0.13		----	----	95 UNCH	
FEB17	----	----	10.20 - 0.13		----	----	95 UNCH	
MAR17	----	----	10.20 - 0.13		----	----	95 UNCH	
APR17	----	----	10.63 - 0.04		----	----	95 UNCH	
MAY17	----	----	10.63 - 0.04		----	----	95 UNCH	
JUN17	----	----	10.63 - 0.04		----	----	95 UNCH	
JUL17	----	----	11.05 + 0.02		----	----	95 UNCH	
AUG17	----	----	11.05 + 0.02		----	----	95 UNCH	
SEP17	----	----	11.05 + 0.02		----	----	95 UNCH	
OCT17	----	----	11.50 + 0.15		----	----	95 UNCH	
NOV17	----	----	11.50 + 0.15		----	----	95 UNCH	
DEC17	----	----	11.50 + 0.15		----	----	95 UNCH	
JAN18	----	----	11.50 + 0.05		----	----	10 UNCH	
FEB18	----	----	11.50 + 0.05		----	----	10 UNCH	
MAR18	----	----	11.50 + 0.05		----	----	10 UNCH	
APR18	----	----	11.55 - 0.03		----	----	10 UNCH	
MAY18	----	----	11.55 - 0.03		----	----	10 UNCH	
JUN18	----	----	11.55 - 0.03		----	----	10 UNCH	
JUL18	----	----	11.65 - 0.08		----	----	10 UNCH	
AUG18	----	----	11.65 - 0.08		----	----	10 UNCH	
SEP18	----	----	11.65 - 0.08		----	----	10 UNCH	
OCT18	----	----	12.15 + 0.07		----	----	10 UNCH	
NOV18	----	----	12.15 + 0.07		----	----	10 UNCH	
DEC18	----	----	12.15 + 0.07		----	----	10 UNCH	
TOTAL QP FUT							3065	

FREIGHT FUTURES PRODUCTS

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
FLP FUT	FREIGHT ROUTE LIQUID PETROLEUM GAS							
JUL16	----	----	24.263 UNCH		----	----	0 - 62	
AUG16	----	----	22.555 - 0.200		----	----	57 UNCH	
SEP16	----	----	21.000 UNCH		----	----	45 UNCH	
OCT16	----	----	21.000 UNCH		----	----	78 UNCH	
NOV16	----	----	20.505 - 0.165		----	----	90 UNCH	
DEC16	----	----	21.660 - 0.165		----	----	78 UNCH	
JAN17	----	----	21.660 UNCH		----	----	54 UNCH	
FEB17	----	----	24.885 UNCH		----	----	54 UNCH	
MAR17	----	----	24.885 UNCH		----	----	54 UNCH	
APR17	----	----	24.990 UNCH		----	----	49 UNCH	
MAY17	----	----	24.990 UNCH		----	----	49 UNCH	
JUN17	----	----	24.990 UNCH		----	----	49 UNCH	
JUL17	----	----	25.995 UNCH		----	----	49 UNCH	
AUG17	----	----	25.995 UNCH		----	----	49 UNCH	
SEP17	----	----	25.995 UNCH		----	----	49 UNCH	
OCT17	----	----	26.330 UNCH		----	----	49 UNCH	
NOV17	----	----	26.330 UNCH		----	----	49 UNCH	
DEC17	----	----	26.330 UNCH		----	----	49 UNCH	
TOTAL FLP FUT							951 - 62	

PLASTICS FUTURES PRODUCTS

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
PGP FUT	PGP POLYMER GRD PROPYLENE CAL							
JUL16	----	----	0.31325 UNCH		----	----	0 - 181	
AUG16	----	----	0.33728 +0.00228		----	----	189 UNCH	
SEP16	----	----	0.33000 +0.00250		----	----	186 UNCH	
OCT16	----	----	0.32500 +0.00250		----	20	148 + 5	
NOV16	----	----	0.32000 +0.00250		----	20	143 UNCH	
DEC16	----	----	0.31500 +0.00250		----	20	143 UNCH	
JAN17	----	----	0.31875 +0.00250		----	5	86 UNCH	
FEB17	----	----	0.32375 +0.00250		----	5	86 UNCH	
MAR17	----	----	0.32875 +0.00250		----	5	86 UNCH	
APR17	----	----	0.32875 +0.00250		----	5	40 UNCH	
MAY17	----	----	0.32875 +0.00250		----	5	40 UNCH	
JUN17	----	----	0.32875 +0.00250		----	5	40 UNCH	
JUL17	----	----	0.32875 +0.00250		----	5	40 UNCH	
AUG17	----	----	0.32875 +0.00250		----	5	40 UNCH	
SEP17	----	----	0.32875 +0.00250		----	5	40 UNCH	
OCT17	----	----	0.32875 +0.00250		----	5	40 UNCH	
NOV17	----	----	0.32875 +0.00250		----	5	40 UNCH	
DEC17	----	----	0.32875 +0.00250		----	5	40 UNCH	
TOTAL PGP FUT						120	1427 - 176	

EMISSIONS FUTURES PRODUCTS

		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE			GLOBEX® VOLUME		PNT VOLUME		OPEN INTEREST	
6T FUT	NYMEX	IN	DELIVRY MTH	EUA	(EURO)	FUT								
DEC16		----			----		4.64	+	0.22	----	----		37752	UNCH
DEC17		----			----		4.68	+	0.23	----	----		7300	UNCH
DEC18		----			----		4.72	+	0.22	----	----		3798	UNCH
TOTAL	6T FUT												48850	

CORE EX-PIT BREAKDOWN

	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS	TAS DAILY TOTAL
NYMEX CRUDE OIL (PHYSICAL)												
SEP16	---	---	---	---	---	---	---	---	8932	---		24019
OCT16	---	---	---	---	---	---	---	---	4493	---		6288
NOV16	---	---	---	---	---	---	---	---	150	---		3012
DEC16	---	---	---	---	---	---	---	---	1176	---		1036
JAN17	---	---	---	---	---	---	---	---	400	---		---
MAR17	---	---	---	---	---	---	---	---	380	---		---
JUN17	---	---	---	---	---	---	---	---	1132	---		---
DEC17	---	---	---	---	---	---	---	---	658	---		---
JAN18	---	---	---	---	---	---	---	---	200	---		---
DEC18	---	---	---	---	---	---	---	---	150	---		---
DEC19	---	---	---	---	---	---	---	---	819	---		---
Total									18490			34355

NYMEX HEATING OIL (PHYSICAL)												
AUG16	---	680	---	---	---	---	---	---	---	---		---
SEP16	---	---	3557	---	---	---	---	---	1734	200		7823
OCT16	---	---	75	---	---	---	---	---	1269	---		2089
NOV16	---	---	---	---	---	---	---	---	887	---		292
DEC16	---	---	---	---	---	---	---	---	2024	---		67
JAN17	---	---	---	---	---	---	---	---	100	---		---
MAR17	---	---	---	---	---	---	---	---	100	---		---
JUN17	---	---	---	---	---	---	---	---	584	---		---
AUG17	---	---	---	---	---	---	---	---	50	---		---
OCT17	---	---	---	---	---	---	---	---	50	---		---
NOV17	---	---	---	---	---	---	---	---	50	---		---
DEC17	---	---	---	---	---	---	---	---	1180	---		---
DEC18	---	---	---	---	---	---	---	---	35	---		---
Total		680	3632						8063	200		10271

NYMEX NY HARBOR GAS (RBOB) (PHY)												
AUG16	---	676	---	---	---	---	---	---	---	---		---
SEP16	---	---	10753	---	---	---	---	---	662	588		7034
OCT16	---	---	50	---	---	---	---	---	1123	---		1435
NOV16	---	---	---	---	---	---	---	---	314	---		653
DEC16	---	---	---	---	---	---	---	---	997	---		124
JAN17	---	---	---	---	---	---	---	---	114	---		---
MAR17	---	---	---	---	---	---	---	---	25	---		---
APR17	---	---	---	---	---	---	---	---	575	---		---
JUN17	---	---	---	---	---	---	---	---	250	---		---
SEP17	---	---	---	---	---	---	---	---	500	---		---
DEC17	---	---	---	---	---	---	---	---	475	---		---
JUN18	---	---	---	---	---	---	---	---	100	---		---
DEC18	---	---	---	---	---	---	---	---	100	---		---
JUN19	---	---	---	---	---	---	---	---	100	---		---
Total		676	10803						5335	588		9246

NATURAL GAS HENRY HUB (PHYSICAL)												
SEP16	---	---	---	---	---	---	---	---	381	---		10156
OCT16	---	---	---	---	---	---	---	---	2000	---		2885
NOV16	---	---	---	---	---	---	---	---	300	---		2514
DEC16	---	---	---	---	---	---	---	---	50	350		574
JAN17	---	---	---	---	---	---	---	---	66	---		---
FEB17	---	---	---	---	---	---	---	---	16	---		---
MAR17	---	---	---	---	---	---	---	---	216	---		---
APR17	---	---	---	---	---	---	---	---	1216	---		---
MAY17	---	---	---	---	---	---	---	---	16	---		---
JUN17	---	---	---	---	---	---	---	---	16	---		---
JUL17	---	---	---	---	---	---	---	---	16	---		---
AUG17	---	---	---	---	---	---	---	---	16	---		---
SEP17	---	---	---	---	---	---	---	---	16	---		---
OCT17	---	---	---	---	---	---	---	---	16	---		---
NOV17	---	---	---	---	---	---	---	---	16	---		---
DEC17	---	---	---	---	---	---	---	---	16	---		---
Total									4373	350		16129

NYMEX BRENT OIL LAST DAY FUTURES												
OCT16	---	---	---	---	---	---	---	---	352	---		109
NOV16	---	---	---	---	---	---	---	---	---	---		18
SEP17	---	---	---	---	---	---	---	---	94	---		---
Total									446			127

EUROPEAN GASOIL ICE FUTURE

E-MINI CRUDE OIL FUTURES

E-MINI HEATING OIL FUTURES

E-MINI GASOLINE FUTURES

E-MINI NATURAL GAS

CRUDE OIL EX-PIT BREAKDOWN

	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS	TAS DAILY TOTAL
ARGUS LLS VS. WTI (ARG) TRD M												
BRENT BALMO												
BRENT CALENDAR												
CANADIAN HEAVY CRUDE(NET ENRGY) FUT												
OCT16	---	---	---	---	---	---	---	---	75	---		---
NOV16	---	---	---	---	---	---	---	---	75	---		---
DEC16	---	---	---	---	---	---	---	---	75	---		---

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DELIVERY----- CASH OR PHY MONTH- SETTLED TO-DATE			EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK TAS DAILY TOTAL	TAS DAILY TOTAL	
									225			
CANADIAN LIGHT SWEET OIL												
DATED TO FRONTLINE BRENT CLNDR												
DUBAI CRUDE OIL BALMO												
DUBAI CRUDE OIL CALENDAR												
EUROPE DATED BRENT												
GUERNSEY LIGHT SWEET CRUDE OIL FUT												
GULF COAST SOUR CRUDE OIL FUTURES												
ICE BRENT DUBAI												
LLS (ARGUS) VS WTI												
JAN17	---	---	---	---	---	---	---	---	10	---	---	
FEB17	---	---	---	---	---	---	---	---	10	---	---	
MAR17	---	---	---	---	---	---	---	---	10	---	---	
APR17	---	---	---	---	---	---	---	---	10	---	---	
MAY17	---	---	---	---	---	---	---	---	10	---	---	
JUN17	---	---	---	---	---	---	---	---	10	---	---	
JUL17	---	---	---	---	---	---	---	---	10	---	---	
AUG17	---	---	---	---	---	---	---	---	10	---	---	
SEP17	---	---	---	---	---	---	---	---	10	---	---	
OCT17	---	---	---	---	---	---	---	---	10	---	---	
NOV17	---	---	---	---	---	---	---	---	10	---	---	
DEC17	---	---	---	---	---	---	---	---	10	---	---	
									120			
LOOP CRUDE OIL STORAGE FUTURES												
MARS (ARGUS) VS WTI												
MARS (ARGUS) VS WTI TRD MTH												
SEP16	---	---	---	---	---	---	---	---	1050	---	---	
OCT16	---	---	---	---	---	---	---	---	180	---	---	
NOV16	---	---	---	---	---	---	---	---	180	---	---	
DEC16	---	---	---	---	---	---	---	---	180	---	---	
									1590			
MINI BRENT FINANCIAL FUTURES												
MINI DATED BRENT (PLATTS) FINANCIAL												
NYMEX BRENT FINANCIAL FUTURES												
WEST TEXAS INTER CRUDE OIL CAL												
AUG16	---	---	---	---	---	---	---	---	14	---	---	
SEP16	---	---	---	---	---	---	---	---	54	---	---	
OCT16	---	---	---	---	---	---	---	---	5	---	---	
NOV16	---	---	---	---	---	---	---	---	5	---	---	
DEC16	---	---	---	---	---	---	---	---	5	---	---	
JAN17	---	---	---	---	---	---	---	---	45	---	---	
FEB17	---	---	---	---	---	---	---	---	45	---	---	
MAR17	---	---	---	---	---	---	---	---	45	---	---	
JUL17	---	---	---	---	---	---	---	---	60	---	---	
AUG17	---	---	---	---	---	---	---	---	60	---	---	
SEP17	---	---	---	---	---	---	---	---	60	---	---	
OCT17	---	---	---	---	---	---	---	---	60	---	---	
NOV17	---	---	---	---	---	---	---	---	60	---	---	
DEC17	---	---	---	---	---	---	---	---	60	---	---	
									578			
WTI FINANCIAL FUTURES												
WTI HOUSTON ARGUS V.WTI TRADE MONTH												
OCT16	---	---	---	---	---	---	---	---	100	---	---	
NOV16	---	---	---	---	---	---	---	---	100	---	---	
									200			
WTI MIDLAND (ARG) VS. WTI TRADE MTH												
WTI MIDLAND(ARGUS) VS WTI FINCL FUT												
WTI-BRENT CALENDAR												
OCT16	---	---	---	---	---	---	---	---	25	---	---	
NOV16	---	---	---	---	---	---	---	---	25	---	---	
DEC16	---	---	---	---	---	---	---	---	25	---	---	
JAN17	---	---	---	---	---	---	---	---	120	---	---	
FEB17	---	---	---	---	---	---	---	---	120	---	---	
MAR17	---	---	---	---	---	---	---	---	120	---	---	
APR17	---	---	---	---	---	---	---	---	20	---	---	
MAY17	---	---	---	---	---	---	---	---	20	---	---	
JUN17	---	---	---	---	---	---	---	---	20	---	---	
JUL17	---	---	---	---	---	---	---	---	20	---	---	
AUG17	---	---	---	---	---	---	---	---	20	---	---	
SEP17	---	---	---	---	---	---	---	---	20	---	---	
OCT17	---	---	---	---	---	---	---	---	20	---	---	
NOV17	---	---	---	---	---	---	---	---	20	---	---	
DEC17	---	---	---	---	---	---	---	---	20	---	---	
									615			
WTS (ARGUS) VS WTI TRD MTH												

NATURAL GAS EX-PIT BREAKDOWN											
DELIVERY----- CASH OR PHY MONTH- SETTLED TO-DATE			EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK TAS DAILY TOTAL	TAS DAILY TOTAL
ALGON CITY GATES NAT GAS INDEX											
ALGONQUIN CITYGATES BASIS											
ANR LOUISIANA BASIS											
ANR OKLAHOMA											
CENTERPOINT BASIS											
CENTERPOINT EAST INDEX											
CIG BASIS											
APR17	---	---	---	---	---	---	---	---	60	---	---
MAY17	---	---	---	---	---	---	---	---	62	---	---
JUN17	---	---	---	---	---	---	---	---	60	---	---
JUL17	---	---	---	---	---	---	---	---	62	---	---
AUG17	---	---	---	---	---	---	---	---	62	---	---

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	DELIVERY CASH OR SETTLED	PHY MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL	TAS DAILY TOTAL
NORTHWEST ROCKIES BASIS FUTURE												
APR17	---	---	---	---	---	---	---	---	150	---	---	---
MAY17	---	---	---	---	---	---	---	---	155	---	---	---
JUN17	---	---	---	---	---	---	---	---	150	---	---	---
JUL17	---	---	---	---	---	---	---	---	155	---	---	---
AUG17	---	---	---	---	---	---	---	---	155	---	---	---
SEP17	---	---	---	---	---	---	---	---	150	---	---	---
OCT17	---	---	---	---	---	---	---	---	155	---	---	---
									1070			
NYMEX NATURAL GAS FUTURES												
SEP16	---	---	---	---	---	---	---	---	591	---	---	---
OCT16	---	---	---	---	---	---	---	---	185	---	---	---
NOV16	---	---	---	---	---	---	---	---	667	---	---	---
DEC16	---	---	---	---	---	---	---	---	389	---	---	---
JAN17	---	---	---	---	---	---	---	---	140	---	---	---
FEB17	---	---	---	---	---	---	---	---	4	---	---	---
MAR17	---	---	---	---	---	---	---	---	144	---	---	---
APR17	---	---	---	---	---	---	---	---	295	---	---	---
MAY17	---	---	---	---	---	---	---	---	295	---	---	---
JUN17	---	---	---	---	---	---	---	---	317	---	---	---
JUL17	---	---	---	---	---	---	---	---	295	---	---	---
AUG17	---	---	---	---	---	---	---	---	295	---	---	---
SEP17	---	---	---	---	---	---	---	---	295	---	---	---
OCT17	---	---	---	---	---	---	---	---	295	---	---	---
FEB18	---	---	---	---	---	---	---	---	75	---	---	---
									4282			
ONEOK OKLAHOMA NG BASIS												
PANHANDLE BASIS FUTURE												
SEP16	---	---	---	---	---	---	---	---	60	---	---	---
NOV17	---	---	---	---	---	---	---	---	540	---	---	---
DEC17	---	---	---	---	---	---	---	---	540	---	---	---
JAN18	---	---	---	---	---	---	---	---	360	---	---	---
FEB18	---	---	---	---	---	---	---	---	360	---	---	---
MAR18	---	---	---	---	---	---	---	---	360	---	---	---
NOV18	---	---	---	---	---	---	---	---	60	---	---	---
DEC18	---	---	---	---	---	---	---	---	62	---	---	---
JAN19	---	---	---	---	---	---	---	---	62	---	---	---
FEB19	---	---	---	---	---	---	---	---	56	---	---	---
MAR19	---	---	---	---	---	---	---	---	62	---	---	---
									2522			
PANHANDLE INDEX FUTURE												
PERMIAN BASIS												
ROCKIES KERN OPAL - NW INDEX												
SAN JUAN BASIS												
SOCAL PIPE												
SONAT BASIS FUTURE												
SOUTH STAR TEX OKLHM KNS NG B												
SUMAS BASIS												
SUMAS NAT GAS PLATTS FIXED PRICE												
TCO BASIS												
TCO NG INDEX												
TENN 800 LEG NAT GAS INDEX												
TENNESSEE 500 LEG BASIS												
TENNESSEE 800 LEG NG BASIS												
TENNESSEE ZONE 0 BASIS												
TETCO M-3 INDEX												
TETCO STX BASIS												
TEXAS EASTERN ZONE M-3 BASIS												
TEXAS GAS ZONE1 NG BASIS												
TRANSCO ZONE 3 BASIS												
TRANSCO ZONE 4 NAT GAS INDEX												
TRANSCO ZONE 6 BASIS												
TRANSCO ZONE 6 GAS INDEX												
TRANSCO ZONE 6 INDEX												
TRANSCO ZONE 6 NON NY BASIS												
TRANSCO ZONE4 BASIS												
WAHA BASIS												
WAHA IFERC FIXED PRICE												
WAHA INDEX FUTURE												

PETROLEUM EX-PIT BREAKDOWN												
	DELIVERY CASH OR SETTLED	PHY MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL	TAS DAILY TOTAL
1% FUEL OIL (PLT) CARG CIF MED												
1% FUEL OIL (PLT) CARG CIF NWE												
1% FUEL OIL RDM VS 1% OIL NWE PLTS												
3.5% FUEL OIL (PLATTS) FOB RDA												
SEP16	---	---	---	---	---	---	---	---	20	---	---	---
OCT16	---	---	---	---	---	---	---	---	10	---	---	---
NOV16	---	---	---	---	---	---	---	---	10	---	---	---
DEC16	---	---	---	---	---	---	---	---	10	---	---	---
JAN17	---	---	---	---	---	---	---	---	5	---	---	---
FEB17	---	---	---	---	---	---	---	---	5	---	---	---
MAR17	---	---	---	---	---	---	---	---	5	---	---	---
APR17	---	---	---	---	---	---	---	---	5	---	---	---
MAY17	---	---	---	---	---	---	---	---	5	---	---	---
JUN17	---	---	---	---	---	---	---	---	5	---	---	---

PG61	BULLETIN #148@ENERGY FUTURES PRODUCTS										Wed, Aug 03, 2016		PG61
	DELIVERY CASH OR SETTLED	PHY MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL	TAS DAILY TOTAL	
									85				
3.5% FUEL OIL CID MED													
DEC16	---	---	---	---	---	---	---	---	10	---	---		
									10				
3.5% FUEL OIL RDAM VS FOB MED BALM													
3.5% FUELOIL FOB RDAM CRK SPD BALMO													
03AUG16	---	---	---	---	---	---	---	---	64	---	---		
									64				
ARGUS GASOLINE NWE CRACK SPR													
CHICAGO ULSD (PLATTS)													
CHICAGO ULSD PL VS HO SPR													
CHICAGO UNL GAS PL VS RBOB SPR													
AUG16	---	---	---	---	---	---	---	---	75	---	---		
									75				
D4 BIODIESEL RINS (ARGUS) 2016 FUT													
DALY EUROP NAPHTHA PLTS CIF NWE FUT													
DALY GAS EUROBOB OXY ARGS NWE BRGS													
DIESEL 10P BRG FOB RDM VS ICEBL													
03AUG16	---	---	---	---	---	---	---	---	10	---	---		
									10				
E/W NAPHTHA JAPAN CF-CARGOS CIF NWE													
SEP16	---	---	---	---	---	---	---	---	40	---	---		
									40				
EAST/WEST FUEL OIL SPREAD													
EAST-WST GASOLINE SPREAD PLATTS/ARG													
OCT16	---	---	---	---	---	---	---	---	150	---	---		
									150				
EIA FLAT TAX ONHWAY DIESEL													
EIA FLAT TAX US RETAIL GASOLINE													
EUR 1%FUEL OIL CARGO FOB MED PLATTS													
EUR1%FUEL OIL FOB MED-EUR1% FOB NWE													
EUR3.5%FUEL OIL CARGO FOB MED BALMO													
03AUG16	---	---	---	---	---	---	---	---	10	---	---		
									10				
EURO 3.5% FUEL OIL RDAM BALMO													
03AUG16	---	---	---	---	---	---	---	---	40	---	---		
									40				
EURO 3.5% FUEL OIL SPREAD													
SEP16	---	---	---	---	---	---	---	---	10	---	---		
									10				
EURO DIESEL 10PPM VS ICE													
EURO PPNE CIFARG VS NAPHTHA NWE SW													
SEP16	---	---	---	---	---	---	---	---	5	---	---		
									5				
EUROP NAPHTHA PLATTS CRCK SPR BALMO													
EUROPE 1% FUEL OIL NWE CAL													
EUROPE 1% FUEL OIL RDAM CAL													
EUROPE 3.5% FUEL OIL MED CAL													
DEC16	---	---	---	---	---	---	---	---	10	---	---		
									10				
EUROPE 3.5% FUEL OIL RDAM CAL													
SEP16	---	---	---	---	---	---	---	---	43	---	---		
MAR17	---	---	---	---	---	---	---	---	15	---	---		
MAY17	---	---	---	---	---	---	---	---	10	---	---		
JUN17	---	---	---	---	---	---	---	---	5	---	---		
									73				
EUROPE JET KERO NWE CAL													
EUROPE NAPHTHA CAL													
SEP16	---	---	---	---	---	---	---	---	27	---	---		
OCT16	---	---	---	---	---	---	---	---	13	---	---		
NOV16	---	---	---	---	---	---	---	---	8	---	---		
DEC16	---	---	---	---	---	---	---	---	10	---	---		
									58				
EUROPEAN NAPHTHA BALMO													
03AUG16	---	---	---	---	---	---	---	---	17	---	---		
									17				
EUROPEAN NAPTHA CRACK SPREAD													
OCT16	---	---	---	---	---	---	---	---	25	---	---		
NOV16	---	---	---	---	---	---	---	---	25	---	---		
DEC16	---	---	---	---	---	---	---	---	25	---	---		
									75				
FAME BIO ARGUS RDM RED VS ICE GAS													
FUEL OIL CARGOES VS.BARGES													
FUEL OIL CRACK VS ICE													
SEP16	---	---	---	---	---	---	---	---	96	---	---		
JAN17	---	---	---	---	---	---	---	---	5	---	---		
FEB17	---	---	---	---	---	---	---	---	5	---	---		
MAR17	---	---	---	---	---	---	---	---	5	---	---		
APR17	---	---	---	---	---	---	---	---	5	---	---		
MAY17	---	---	---	---	---	---	---	---	5	---	---		
JUN17	---	---	---	---	---	---	---	---	5	---	---		
JUL17	---	---	---	---	---	---	---	---	5	---	---		
AUG17	---	---	---	---	---	---	---	---	5	---	---		
SEP17	---	---	---	---	---	---	---	---	5	---	---		
OCT17	---	---	---	---	---	---	---	---	5	---	---		

PG61	BULLETIN #148@										ENERGY FUTURES PRODUCTS		Wed, Aug 03, 2016		PG61
	DELIVERY	-----		EFP	EFS	SUBS	EFM	EFR	EFB	BLOCKS		BLOCK	TAS		TAS
	CASH OR	PHY	MONTH-	DAILY	DAILY	DAILY	DAILY	DAILY	DAILY	DAILY		DAILY	DAILY		DAILY
	SETTLED		TO-DATE	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTAL		TOTAL			TOTAL
GASOIL 0.1 CIF MED															
										151					
GASOIL 0.1 RDAM BRGS VS ICE															
GASOIL 0.1CIF MED VS ICE GAS															
GASOIL 10PPM VS ICE															
JAN17	---		---	---	---	---	---	---	---	5		---		---	---
FEB17	---		---	---	---	---	---	---	---	5		---		---	---
MAR17	---		---	---	---	---	---	---	---	5		---		---	---
APR17	---		---	---	---	---	---	---	---	5		---		---	---
MAY17	---		---	---	---	---	---	---	---	5		---		---	---
JUN17	---		---	---	---	---	---	---	---	5		---		---	---
JUL17	---		---	---	---	---	---	---	---	5		---		---	---
AUG17	---		---	---	---	---	---	---	---	5		---		---	---
SEP17	---		---	---	---	---	---	---	---	5		---		---	---
OCT17	---		---	---	---	---	---	---	---	5		---		---	---
NOV17	---		---	---	---	---	---	---	---	5		---		---	---
DEC17	---		---	---	---	---	---	---	---	5		---		---	---
										60					
GASOIL CALENDAR															
GASOIL CRACK SPREAD CALENDAR															
JAN17	---		---	---	---	---	---	---	---	50		---		---	---
FEB17	---		---	---	---	---	---	---	---	50		---		---	---
MAR17	---		---	---	---	---	---	---	---	50		---		---	---
JAN18	---		---	---	---	---	---	---	---	50		---		---	---
FEB18	---		---	---	---	---	---	---	---	50		---		---	---
MAR18	---		---	---	---	---	---	---	---	50		---		---	---
										300					
GASOIL MINI CALENDAR															
GRP THREE ULSD(PLT)VS HEAT OIL															
AUG16	---		---	---	---	---	---	---	---	100		---		---	---
OCT16	---		---	---	---	---	---	---	---	125		---		---	---
										225					
GRP THREE UNL GS (PLT) VS RBOB															
GULF CBOB A2 PL VS RBOB SPR F															
GULF CO NO6 FUELOIL 3% V. EURO 3.5%															
SEP16	---		---	---	---	---	---	---	---	650		---		---	---
OCT16	---		---	---	---	---	---	---	---	25		---		---	---
										675					
GULF COAST 3% FUEL OIL BALMO															
03AUG16	---		---	---	---	---	---	---	---	50		---		---	---
										50					
GULF COAST JET FUEL CLNDR															
GULF COAST JET VS NYM 2 HO SPRD															
SEP16	---		---	---	---	---	---	---	---	465		---		---	---
OCT16	---		---	---	---	---	---	---	---	465		---		---	---
NOV16	---		---	---	---	---	---	---	---	465		---		---	---
DEC16	---		---	---	---	---	---	---	---	465		---		---	---
JAN17	---		---	---	---	---	---	---	---	80		---		---	---
FEB17	---		---	---	---	---	---	---	---	80		---		---	---
MAR17	---		---	---	---	---	---	---	---	80		---		---	---
OCT17	---		---	---	---	---	---	---	---	15		---		---	---
NOV17	---		---	---	---	---	---	---	---	15		---		---	---
DEC17	---		---	---	---	---	---	---	---	15		---		---	---
										2145					
GULF COAST NO.6 FUEL OIL 3.0%S															
SEP16	---		---	---	---	---	---	---	---	539		---		---	---
OCT16	---		---	---	---	---	---	---	---	249		---		---	---
NOV16	---		---	---	---	---	---	---	---	100		---		---	---
DEC16	---		---	---	---	---	---	---	---	110		---		---	---
JAN17	---		---	---	---	---	---	---	---	300		---		---	---
FEB17	---		---	---	---	---	---	---	---	200		---		---	---
MAR17	---		---	---	---	---	---	---	---	300		---		---	---
JUL17	---		---	---	---	---	---	---	---	200		---		---	---
AUG17	---		---	---	---	---	---	---	---	200		---		---	---
SEP17	---		---	---	---	---	---	---	---	200		---		---	---
										2398					
GULF COAST NO.6 FUEL OIL CRACK															
GULF COAST ULSD CALENDAR															
GULF COAST ULSD CRACK SPREAD															
GULF CST NO6 FO 3% V EURO 3.5 BALMO															
GULF CST UNL 87 GAS M2 V. RBOB BLMO															
01AUG16	---		---	---	---	---	---	---	---	25		---		---	---
03AUG16	---		---	---	---	---	---	---	---	150		---		---	---
										175					
GULF UNL87 GAS M2 PLATTS F															
GULF UNL87 M2 PL CRACK SPRD F															
GULF UNL87 M2 PL VS RBOB SPR F															
DEC16	---		---	---	---	---	---	---	---	120		---		---	---
										120					
HEATING OIL BALMO CLNDR															
HEATING OIL VS. BRENT CRACK SPREAD															
JAPAN C&F NAPHTHA															
SEP16	---		---	---	---	---	---	---	---	5		---		---	---
										5					
JAPAN C&F NAPHTHA CRACK SPREAD															
JAPAN NAPHTHA BALMO															
JET AVIA FUEL(PLTT) FOB V. ICE															
JET CIF NWE VS ICE															
JET FUEL UP-DOWN BALMO CLNDR S															
03AUG16	---		---	---	---	---	---	---	---	50		---		---	---

PG61	BULLETIN #148@ENERGY FUTURES PRODUCTS										Wed, Aug 03, 2016		PG61
	DELIVERY CASH OR SETTLED	PHY MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL	TAS DAILY TOTAL	
SEP16	---	---	---	---	---	---	---	---	103	---	---	---	
OCT16	---	---	---	---	---	---	---	---	6	---	---	---	
JAN17	---	---	---	---	---	---	---	---	20	---	---	---	
									136				
MIN GSL .1 PLTS CRGS CIFNWE VS GSL													
MIN JAPAN C&F NAPHTHA PLATTS													
SEP16	---	---	---	---	---	---	---	---	40	---	---	---	
JAN17	---	---	---	---	---	---	---	---	10	---	---	---	
FEB17	---	---	---	---	---	---	---	---	10	---	---	---	
MAR17	---	---	---	---	---	---	---	---	10	---	---	---	
									70				
MIN JETKERO CRGOS CIF NWE VS GASOIL													
MIN SPORE FUELOIL380CST(PLTS) BALMO													
03AUG16	---	---	---	---	---	---	---	---	40	---	---	---	
									40				
MIN ULSD 10PPM CRGOS CIF MED VS GSL													
MIN ULSD 10PPM CRGS CIF NWE VS GSL													
MINI 1% FUEL OIL CAR MED													
MINI 3.5% FUEL OIL CAR MED													
AUG16	---	---	---	---	---	---	---	---	5	---	---	---	
									5				
MINI 3.5% FUEL OIL FOB CRK SPD FUT													
MINI ARGUS PROPANE FAR EAST IDX													
MINI EU 1%FO BARGE FOB RDAM FUT													
MINI EU 1%FO CARGO FOB NWE FUT													
MINI EU 3.5%FO BARGE FOB RDAM BALMO													
03AUG16	---	---	---	---	---	---	---	---	139	---	---	---	
04AUG16	---	---	---	---	---	---	---	---	30	---	---	---	
									169				
MINI EU 3.5%FO BARGE FOB RDAM FUT													
SEP16	---	---	---	---	---	---	---	---	65	---	---	---	
									65				
MINI EUR DIESEL10PPM VS ICE GS													
MINI EURO NAPHTHA BALMO													
03AUG16	---	---	---	---	---	---	---	---	45	---	---	---	
									45				
MINI GAS EUROBOB OXY BARGES													
SEP16	---	---	---	---	---	---	---	---	470	---	---	---	
OCT16	---	---	---	---	---	---	---	---	170	---	---	---	
									640				
MINI GAS EUROBOB OXY NWE ARGs BALMO													
03AUG16	---	---	---	---	---	---	---	---	169	---	---	---	
04AUG16	---	---	---	---	---	---	---	---	50	---	---	---	
									219				
MINI GSOIL .1 PLTTS VS ICE GSOIL SW													
MINI RBOB V. EBOB(ARGUS) NWE BRGS													
DEC16	---	---	---	---	---	---	---	---	40	---	---	---	
									40				
MINI RBOB V. EBOBARG NWE BRGS BALMO													
02AUG16	---	---	---	---	---	---	---	---	70	---	---	---	
									70				
MINI SINGAPORE 380CST FUEL OIL													
SEP16	---	---	---	---	---	---	---	---	141	---	---	---	
OCT16	---	---	---	---	---	---	---	---	30	---	---	---	
NOV16	---	---	---	---	---	---	---	---	20	---	---	---	
DEC16	---	---	---	---	---	---	---	---	10	---	---	---	
									201				
MINI SINGAPORE FO 180 CST BALMO FUT													
MINI SINGAPORE FO 180 CST FUT													
SEP16	---	---	---	---	---	---	---	---	10	---	---	---	
									10				
MOGAS92 UNLEADED (PLATTS)													
SEP16	---	---	---	---	---	---	---	---	205	---	---	---	
OCT16	---	---	---	---	---	---	---	---	75	---	---	---	
									280				
MT BELVIEU LDH ISO-BUTANE(OPIS)													
NAPHTHA (PLATTS) NWE CRACK													
SEP16	---	---	---	---	---	---	---	---	25	---	---	---	
OCT16	---	---	---	---	---	---	---	---	3	---	---	---	
NOV16	---	---	---	---	---	---	---	---	3	---	---	---	
DEC16	---	---	---	---	---	---	---	---	3	---	---	---	
JAN17	---	---	---	---	---	---	---	---	3	---	---	---	
FEB17	---	---	---	---	---	---	---	---	3	---	---	---	
MAR17	---	---	---	---	---	---	---	---	3	---	---	---	
									43				
NAPHTHA (PLATTS) NWE CRACK BALMO SW													
03AUG16	---	---	---	---	---	---	---	---	35	---	---	---	
									35				
NEW YORK .3% FUEL OIL HIPR V. NY 1%													
NEW YORK FUEL OIL 1% V. EURO 1% FO													
NO 2 UP-DOWN SPREAD CALENDAR													
NY 1% FUEL OIL VS G.C. 3% FUEL OIL													
03AUG16	---	---	---	---	---	---	---	---	268	---	---	---	
									268				
NY 2.2% FUEL OIL (PLATTS)													

PG61	BULLETIN #148@										ENERGY FUTURES PRODUCTS			Wed, Aug 03, 2016		PG61
	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL					
PREM UNL GAS 10 PPM (PLTS) RDM																
PREMIUM UNLD 10P FOB MED																
PREMIUM UNLEAD 10PPM FOB BLMO																
RBOB CALENDAR FUTURE																
RBOB CRACK SPREAD																
DEC16	---	---	---	---	---	---	---	---	30	---	---					
JAN17	---	---	---	---	---	---	---	---	20	---	---					
FEB17	---	---	---	---	---	---	---	---	20	---	---					
MAR17	---	---	---	---	---	---	---	---	20	---	---					
									90							
RBOB CRACK SPREAD BALMO																
03AUG16	---	---	---	---	---	---	---	---	25	---	---					
									25							
RBOB GAS VS EUROBOB(ARGUS) NWE BRGS																
SEP16	---	---	---	---	---	---	---	---	35	---	---					
OCT16	---	---	---	---	---	---	---	---	15	---	---					
DEC16	---	---	---	---	---	---	---	---	8	---	---					
									58							
RBOB GAS VS. BRENT CRCK SPRD																
SEP16	---	---	---	---	---	---	---	---	332	---	---					
									332							
RBOB GASOLINE BALMO CLNDR																
RBOB SPREAD (PLATTS)																
RBOB VS HEATING OIL																
OCT16	---	---	---	---	---	---	---	---	50	---	---					
NOV16	---	---	---	---	---	---	---	---	50	---	---					
DEC16	---	---	---	---	---	---	---	---	50	---	---					
APR17	---	---	---	---	---	---	---	---	50	---	---					
MAY17	---	---	---	---	---	---	---	---	50	---	---					
JUN17	---	---	---	---	---	---	---	---	50	---	---					
									300							
RME BIO ARGUS RDM RED VS ICS GAS																
SG VISCOSITY SPREAD BALMO																
SING 380 FUEL OIL VS FUEL OIL ROTDM																
OCT16	---	---	---	---	---	---	---	---	5	---	---					
									5							
SINGAPORE 180CST BALMO																
03AUG16	---	---	---	---	---	---	---	---	5	---	---					
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SINGAPORE 380CST BALMO																
03AUG16	---	---	---	---	---	---	---	---	10	---	---					
									10							
SINGAPORE 380CST FUEL OIL																
SEP16	---	---	---	---	---	---	---	---	355	---	---					
OCT16	---	---	---	---	---	---	---	---	310	---	---					
APR17	---	---	---	---	---	---	---	---	15	---	---					
MAY17	---	---	---	---	---	---	---	---	15	---	---					
JUN17	---	---	---	---	---	---	---	---	15	---	---					
JUL17	---	---	---	---	---	---	---	---	15	---	---					
AUG17	---	---	---	---	---	---	---	---	15	---	---					
SEP17	---	---	---	---	---	---	---	---	15	---	---					
									755							
SINGAPORE FUEL 180CST CAL																
SEP16	---	---	---	---	---	---	---	---	20	---	---					
OCT16	---	---	---	---	---	---	---	---	10	---	---					
NOV16	---	---	---	---	---	---	---	---	5	---	---					
									35							
SINGAPORE FUEL OIL SPREAD																
SEP16	---	---	---	---	---	---	---	---	5	---	---					
OCT16	---	---	---	---	---	---	---	---	110	---	---					
JAN18	---	---	---	---	---	---	---	---	2	---	---					
FEB18	---	---	---	---	---	---	---	---	2	---	---					
MAR18	---	---	---	---	---	---	---	---	2	---	---					
APR18	---	---	---	---	---	---	---	---	2	---	---					
MAY18	---	---	---	---	---	---	---	---	2	---	---					
JUN18	---	---	---	---	---	---	---	---	2	---	---					
JUL18	---	---	---	---	---	---	---	---	2	---	---					
AUG18	---	---	---	---	---	---	---	---	2	---	---					
SEP18	---	---	---	---	---	---	---	---	2	---	---					
OCT18	---	---	---	---	---	---	---	---	2	---	---					
NOV18	---	---	---	---	---	---	---	---	2	---	---					
DEC18	---	---	---	---	---	---	---	---	2	---	---					
									139							
SINGAPORE GASOIL																
AUG16	---	---	---	---	---	---	---	---	60	---	---					
SEP16	---	---	---	---	---	---	---	---	25	---	---					
									85							
SINGAPORE GASOIL BALMO																
SINGAPORE GASOIL VS ICE																
APR17	---	---	---	---	---	---	---	---	25	---	---					
MAY17	---	---	---	---	---	---	---	---	25	---	---					
JUN17	---	---	---	---	---	---	---	---	25	---	---					
									75							
SINGAPORE JET KERO GASOIL																
SEP16	---	---	---	---	---	---	---	---	25	---	---					
									25							
SINGAPORE JET KEROSENE																
SINGAPORE MOGAS 95																
SINGAPORE MOGAS95-SINGAPORE MOGAS92																
SINGPORE GASOIL 10PPM V GSOLSPD FUT																

PG61	BULLETIN #148@ENERGY FUTURES PRODUCTS										Wed, Aug 03, 2016		PG61
	DELIVERY CASH OR SETTLED	PHY	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL	TAS DAILY TOTAL
JUN17	---		---	---	---	---	---	---	---	50	---	---	
JUL17	---		---	---	---	---	---	---	---	25	---	---	
AUG17	---		---	---	---	---	---	---	---	25	---	---	
SEP17	---		---	---	---	---	---	---	---	25	---	---	
										75			

NGL PETROCHEM EX-PIT BREAKDOWN												
	DELIVERY CASH OR SETTLED	PHY	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL
ARGS FAR E NDX VS EUR CIF ARA												
SEP16		---	---	---	---	---	---	---	---	8	---	---
OCT16		---	---	---	---	---	---	---	---	2	---	---
NOV16		---	---	---	---	---	---	---	---	2	---	---
DEC16		---	---	---	---	---	---	---	---	2	---	---
JAN17		---	---	---	---	---	---	---	---	2	---	---
FEB17		---	---	---	---	---	---	---	---	2	---	---
MAR17		---	---	---	---	---	---	---	---	2	---	---
										20		
ARGUS PROPAN FAR EST INDEX												
SEP16		---	---	---	---	---	---	---	---	90	---	---
OCT16		---	---	---	---	---	---	---	---	62	---	---
NOV16		---	---	---	---	---	---	---	---	9	---	---
DEC16		---	---	---	---	---	---	---	---	3	---	---
JAN17		---	---	---	---	---	---	---	---	2	---	---
FEB17		---	---	---	---	---	---	---	---	2	---	---
MAR17		---	---	---	---	---	---	---	---	2	---	---
APR17		---	---	---	---	---	---	---	---	1	---	---
MAY17		---	---	---	---	---	---	---	---	1	---	---
JUN17		---	---	---	---	---	---	---	---	1	---	---
JUL17		---	---	---	---	---	---	---	---	1	---	---
AUG17		---	---	---	---	---	---	---	---	1	---	---
SEP17		---	---	---	---	---	---	---	---	1	---	---
OCT17		---	---	---	---	---	---	---	---	1	---	---
NOV17		---	---	---	---	---	---	---	---	1	---	---
DEC17		---	---	---	---	---	---	---	---	1	---	---
										179		
ARGUS PROPAN(SAUDI ARAMCO)												
SEP16		---	---	---	---	---	---	---	---	16	---	---
OCT16		---	---	---	---	---	---	---	---	16	---	---
NOV16		---	---	---	---	---	---	---	---	20	---	---
DEC16		---	---	---	---	---	---	---	---	10	---	---
										62		
ARGUS PROPANE FAR E INDX BALMO												
04AUG16		---	---	---	---	---	---	---	---	3	---	---
										3		
CONWAY NAT GASOLINE												
CONWAY NORMAL BUTANE												
NOV16		---	---	---	---	---	---	---	---	40	---	---
DEC16		---	---	---	---	---	---	---	---	40	---	---
										80		
CONWAY PROPANE (OPIS) BALMO												
04AUG16		---	---	---	---	---	---	---	---	120	---	---
										120		
CONWAY PROPANE 5 DEC.												
SEP16		---	---	---	---	---	---	---	---	20	---	---
OCT16		---	---	---	---	---	---	---	---	7	---	---
NOV16		---	---	---	---	---	---	---	---	7	---	---
DEC16		---	---	---	---	---	---	---	---	7	---	---
JAN17		---	---	---	---	---	---	---	---	7	---	---
FEB17		---	---	---	---	---	---	---	---	7	---	---
MAR17		---	---	---	---	---	---	---	---	7	---	---
										62		
EUR PROPANE CIF ARA ARGUS BALMO												
02AUG16		---	---	---	---	---	---	---	---	3	---	---
03AUG16		---	---	---	---	---	---	---	---	7	---	---
04AUG16		---	---	---	---	---	---	---	---	7	---	---
										17		
EURO PROPANE CIF ARA												
SEP16		---	---	---	---	---	---	---	---	26	---	---
OCT16		---	---	---	---	---	---	---	---	15	---	---
JAN17		---	---	---	---	---	---	---	---	2	---	---
FEB17		---	---	---	---	---	---	---	---	10	---	---
MAR17		---	---	---	---	---	---	---	---	10	---	---
APR17		---	---	---	---	---	---	---	---	2	---	---
MAY17		---	---	---	---	---	---	---	---	2	---	---
JUN17		---	---	---	---	---	---	---	---	2	---	---
										69		
HDPE HD POLYETHYLENE (PCW)												
MT BELIVIEU ETHANE BALMO												
MT BELIVIEU LDH PROPANE BALMO												
MT BELIVIEU NAT GASOLINE BALMO												
04AUG16		---	---	---	---	---	---	---	---	78	---	---
										78		
MT BELIVIEU NORMAL BUTANE BALM												
04AUG16		---	---	---	---	---	---	---	---	15	---	---
										15		
MT BELVIEU ETHANE 5-DCML (OPIS)												
SEP16		---	---	---	---	---	---	---	---	30	---	---
OCT16		---	---	---	---	---	---	---	---	185	---	---
NOV16		---	---	---	---	---	---	---	---	185	---	---
DEC16		---	---	---	---	---	---	---	---	185	---	---
JAN18		---	---	---	---	---	---	---	---	110	---	---
FEB18		---	---	---	---	---	---	---	---	110	---	---
MAR18		---	---	---	---	---	---	---	---	110	---	---

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	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL	TAS DAILY TOTAL
									915			
MT BELVIEU NORMAL BUTANE LDH(OPIS)												
OCT16	---	---	---	---	---	---	---	---	79	---	---	---
NOV16	---	---	---	---	---	---	---	---	14	---	---	---
									93			
MT BELVIEU NRM BUTANE 5-DCML (OPIS)												
SEP16	---	---	---	---	---	---	---	---	70	---	---	---
OCT16	---	---	---	---	---	---	---	---	219	---	---	---
NOV16	---	---	---	---	---	---	---	---	164	---	---	---
DEC16	---	---	---	---	---	---	---	---	150	---	---	---
JAN17	---	---	---	---	---	---	---	---	55	---	---	---
FEB17	---	---	---	---	---	---	---	---	55	---	---	---
MAR17	---	---	---	---	---	---	---	---	55	---	---	---
APR17	---	---	---	---	---	---	---	---	20	---	---	---
MAY17	---	---	---	---	---	---	---	---	20	---	---	---
JUN17	---	---	---	---	---	---	---	---	20	---	---	---
JUL17	---	---	---	---	---	---	---	---	5	---	---	---
AUG17	---	---	---	---	---	---	---	---	5	---	---	---
SEP17	---	---	---	---	---	---	---	---	5	---	---	---
OCT17	---	---	---	---	---	---	---	---	5	---	---	---
NOV17	---	---	---	---	---	---	---	---	5	---	---	---
DEC17	---	---	---	---	---	---	---	---	5	---	---	---
									858			
MT BELVIEU PROPANE 5-DCML (OPIS)												
SEP16	---	---	---	---	---	---	---	---	1265	---	---	---
OCT16	---	---	---	---	---	---	---	---	1172	---	---	---
NOV16	---	---	---	---	---	---	---	---	285	---	---	---
DEC16	---	---	---	---	---	---	---	---	535	---	---	---
JAN17	---	---	---	---	---	---	---	---	574	---	---	---
FEB17	---	---	---	---	---	---	---	---	274	---	---	---
MAR17	---	---	---	---	---	---	---	---	599	---	---	---
APR17	---	---	---	---	---	---	---	---	782	---	---	---
MAY17	---	---	---	---	---	---	---	---	457	---	---	---
JUN17	---	---	---	---	---	---	---	---	607	---	---	---
JUL17	---	---	---	---	---	---	---	---	27	---	---	---
AUG17	---	---	---	---	---	---	---	---	27	---	---	---
SEP17	---	---	---	---	---	---	---	---	27	---	---	---
OCT17	---	---	---	---	---	---	---	---	302	---	---	---
NOV17	---	---	---	---	---	---	---	---	302	---	---	---
DEC17	---	---	---	---	---	---	---	---	302	---	---	---
JAN18	---	---	---	---	---	---	---	---	260	---	---	---
FEB18	---	---	---	---	---	---	---	---	260	---	---	---
MAR18	---	---	---	---	---	---	---	---	260	---	---	---
APR18	---	---	---	---	---	---	---	---	210	---	---	---
MAY18	---	---	---	---	---	---	---	---	210	---	---	---
JUN18	---	---	---	---	---	---	---	---	210	---	---	---
JUL18	---	---	---	---	---	---	---	---	10	---	---	---
AUG18	---	---	---	---	---	---	---	---	10	---	---	---
SEP18	---	---	---	---	---	---	---	---	10	---	---	---
OCT18	---	---	---	---	---	---	---	---	210	---	---	---
NOV18	---	---	---	---	---	---	---	---	210	---	---	---
DEC18	---	---	---	---	---	---	---	---	210	---	---	---
									9607			
PROPANE NON LDH MT BELVIEU												
SEP16	---	---	---	---	---	---	---	---	465	---	---	---
OCT16	---	---	---	---	---	---	---	---	312	---	---	---
NOV16	---	---	---	---	---	---	---	---	13	---	---	---
									790			

PROPANE NON LDH MT BLV BALMO

ETHANOL EX-PIT BREAKDOWN												
	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL	TAS DAILY TOTAL
CHICAGO ETHANOL												
AUG16	---	---	---	---	---	---	---	---	165	---	---	---
SEP16	---	---	---	---	---	---	---	---	1310	---	---	---
OCT16	---	---	---	---	---	---	---	---	823	---	---	---
NOV16	---	---	---	---	---	---	---	---	388	---	---	---
DEC16	---	---	---	---	---	---	---	---	558	---	---	---
JAN17	---	---	---	---	---	---	---	---	90	---	---	---
FEB17	---	---	---	---	---	---	---	---	530	---	---	---
MAR17	---	---	---	---	---	---	---	---	240	---	---	---
APR17	---	---	---	---	---	---	---	---	175	---	---	---
MAY17	---	---	---	---	---	---	---	---	50	---	---	---
JUN17	---	---	---	---	---	---	---	---	97	---	---	---
JUL17	---	---	---	---	---	---	---	---	55	---	---	---
AUG17	---	---	---	---	---	---	---	---	30	---	---	---
SEP17	---	---	---	---	---	---	---	---	130	---	---	---
OCT17	---	---	---	---	---	---	---	---	40	---	---	---
NOV17	---	---	---	---	---	---	---	---	60	---	---	---
DEC17	---	---	---	---	---	---	---	---	70	---	---	---
									4811			
ETHANOL(PL) T2 FOB RTRDM INCL												
AUG16	---	---	---	---	---	---	---	---	55	---	---	---
SEP16	---	---	---	---	---	---	---	---	60	---	---	---
									115			
NEW YORK ETHANOL												

ELECTRICITY EX-PIT BREAKDOWN												
	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK DAILY TOTAL	TAS DAILY TOTAL	TAS DAILY TOTAL
AEP-DAYTON HUB DAILY												
AEP-DAYTON HUB OFF-PEAK MONTHLY												
AER-DAYTON HUB MTHLY												
CIN HUB 5MW D AH O PK												
CIN HUB 5MW D AH PK												

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	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK TAS DAILY TOTAL	TAS DAILY TOTAL
PJM ATSI ZONE MONTHLY DAILY											
PJM BGE DA OFF-PEAK											
PJM BGE DA PEAK											
PJM COMED 5MW D AH O PK											
PJM COMED 5MW D AH PK											
PJM DAILY											
PJM DAYTON DA OFF-PEAK											
PJM DAYTON DA PEAK											
JAN17	---	---	---	---	---	---	---	---	252	---	---
FEB17	---	---	---	---	---	---	---	---	240	---	---
MAR17	---	---	---	---	---	---	---	---	276	---	---
APR17	---	---	---	---	---	---	---	---	240	---	---
MAY17	---	---	---	---	---	---	---	---	264	---	---
JUN17	---	---	---	---	---	---	---	---	264	---	---
JUL17	---	---	---	---	---	---	---	---	240	---	---
AUG17	---	---	---	---	---	---	---	---	276	---	---
SEP17	---	---	---	---	---	---	---	---	240	---	---
OCT17	---	---	---	---	---	---	---	---	264	---	---
NOV17	---	---	---	---	---	---	---	---	252	---	---
DEC17	---	---	---	---	---	---	---	---	240	---	---
									3048		
PJM JCPL DA OFF-PEAK											
PJM JCPL DA PEAK											
PJM METED ZONE OFFPK CAL LMP											
PJM METED ZONE PEAK CAL LMP											
PJM MONTHLY											
PJM NI HUB 5MW REAL TIME O PK											
PJM NI HUB 5MW REAL TIME PK											
PJM NILL DA OFF-PEAK											
PJM NILL DA PEAK											
PJM NORTERN ILL HUB DA OP DAILY											
PJM NORTERN ILL HUB DA PEAK DAILY											
PJM NORTERN ILL HUB RT OP DAILY											
PJM OFF-PEAK LMP FUTURE											
PJM PANELEC ZONE OFFPK CAL LMP											
PJM PANELEC ZONE PEAK CAL LMP											
PJM PPL DA OFF-PEAK											
PJM PPL DA PEAK											
PJM PSEG DA OFF-PEAK											
PJM PSEG DA PEAK											
PJM WESTERN HUB DA OP DAILY FUT											
PJM WESTERN HUB DA PEAK DAILY											
PJM WESTERN HUB RT OP DAILY											
PJM WESTH DA OFF-PEAK											
PJM WESTH RT OFF-PEAK											
JAN17	---	---	---	---	---	---	---	---	1632	---	---
FEB17	---	---	---	---	---	---	---	---	1408	---	---
MAR17	---	---	---	---	---	---	---	---	1500	---	---
APR17	---	---	---	---	---	---	---	---	1600	---	---
MAY17	---	---	---	---	---	---	---	---	1568	---	---
JUN17	---	---	---	---	---	---	---	---	1472	---	---
JUL17	---	---	---	---	---	---	---	---	1696	---	---
AUG17	---	---	---	---	---	---	---	---	1504	---	---
SEP17	---	---	---	---	---	---	---	---	1600	---	---
OCT17	---	---	---	---	---	---	---	---	1568	---	---
NOV17	---	---	---	---	---	---	---	---	1540	---	---
DEC17	---	---	---	---	---	---	---	---	1696	---	---
									18784		
PJM WESTH RT PEAK											
PJM WESTHDA PEAK											

COAL EX-PIT BREAKDOWN

	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK TAS DAILY TOTAL	TAS DAILY TOTAL
AUSTRALIAN COKING (PLATTS) LOW VOL											
APR17	---	---	---	---	---	---	---	---	2	---	---
MAY17	---	---	---	---	---	---	---	---	2	---	---
JUN17	---	---	---	---	---	---	---	---	2	---	---
									6		
COAL API 8 CFR SOUTH CHINA											
COAL API2 CIF ARA ARG-MCCLOSKY											
AUG16	---	---	---	---	---	---	---	---	90	---	---
SEP16	---	---	---	---	---	---	---	---	175	---	---
OCT16	---	---	---	---	---	---	---	---	223	---	---
NOV16	---	---	---	---	---	---	---	---	138	---	---
DEC16	---	---	---	---	---	---	---	---	138	---	---
JAN17	---	---	---	---	---	---	---	---	117	---	---
FEB17	---	---	---	---	---	---	---	---	117	---	---
MAR17	---	---	---	---	---	---	---	---	117	---	---
APR17	---	---	---	---	---	---	---	---	112	---	---
MAY17	---	---	---	---	---	---	---	---	112	---	---
JUN17	---	---	---	---	---	---	---	---	112	---	---
JUL17	---	---	---	---	---	---	---	---	112	---	---
AUG17	---	---	---	---	---	---	---	---	112	---	---
SEP17	---	---	---	---	---	---	---	---	112	---	---
OCT17	---	---	---	---	---	---	---	---	112	---	---
NOV17	---	---	---	---	---	---	---	---	112	---	---
DEC17	---	---	---	---	---	---	---	---	112	---	---
JAN18	---	---	---	---	---	---	---	---	20	---	---

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	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK TAS DAILY TOTAL	TAS DAILY TOTAL
JUL18	---	---	---	---	---	---	---	---	20	---	---
AUG18	---	---	---	---	---	---	---	---	20	---	---
SEP18	---	---	---	---	---	---	---	---	20	---	---
OCT18	---	---	---	---	---	---	---	---	20	---	---
NOV18	---	---	---	---	---	---	---	---	20	---	---
DEC18	---	---	---	---	---	---	---	---	20	---	---
									2263		
COAL API4 RCH BAY ARGS MCCLOSKEY SW											
AUG16	---	---	---	---	---	---	---	---	25	---	---
SEP16	---	---	---	---	---	---	---	---	75	---	---
OCT16	---	---	---	---	---	---	---	---	5	---	---
NOV16	---	---	---	---	---	---	---	---	5	---	---
DEC16	---	---	---	---	---	---	---	---	5	---	---
									115		
COAL API5 FOB NEWCASTLE ARG/MC FUT											
EASTERN RAIL DELIVERY CSX COAL											
INDONESIAN COAL MCCLOSKEY SUBBIT.											
NYMEX APPALACHIAN COAL (PHYSICAL)											
WESTERN RAIL DELIVERY PRB COAL											

FREIGHT EX-PIT BREAKDOWN

	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK TAS DAILY TOTAL	TAS DAILY TOTAL
FREIGHT ROUTE LIQUID PETROLEUM GAS											

PLASTICS EX-PIT BREAKDOWN

	DELIVERY----- CASH OR PHY SETTLED	MONTH- TO-DATE	EFP DAILY TOTALS	EFS DAILY TOTALS	SUBS DAILY TOTALS	EFM DAILY TOTALS	EFR DAILY TOTALS	EFB DAILY TOTALS	BLOCKS DAILY TOTAL	BLOCK TAS DAILY TOTAL	TAS DAILY TOTAL
PGP POLYMER GRD PROPYLENE CAL											
OCT16	---	---	---	---	---	---	---	---	20	---	---
NOV16	---	---	---	---	---	---	---	---	20	---	---
DEC16	---	---	---	---	---	---	---	---	20	---	---
JAN17	---	---	---	---	---	---	---	---	5	---	---
FEB17	---	---	---	---	---	---	---	---	5	---	---
MAR17	---	---	---	---	---	---	---	---	5	---	---
APR17	---	---	---	---	---	---	---	---	5	---	---
MAY17	---	---	---	---	---	---	---	---	5	---	---
JUN17	---	---	---	---	---	---	---	---	5	---	---
JUL17	---	---	---	---	---	---	---	---	5	---	---
AUG17	---	---	---	---	---	---	---	---	5	---	---
SEP17	---	---	---	---	---	---	---	---	5	---	---
OCT17	---	---	---	---	---	---	---	---	5	---	---
NOV17	---	---	---	---	---	---	---	---	5	---	---
DEC17	---	---	---	---	---	---	---	---	5	---	---
									120		

TRADE AT MARKER PRODUCTS

			VOLUME	BLOCK VOL	MARKER PRICE
BZL	BZL	BRENT CRUDE TAM LONDON			
OCT16			----	----	41.95
NOV16			----	----	42.35
DEC16			----	----	42.90
TOTAL	BRENT CRUDE TAM LONDON		----	----	
BZS	BZS	BRENT CRUDE TAM SINGAPORE			
OCT16			----	----	41.95
NOV16			----	----	42.35
DEC16			----	----	42.90
TOTAL	BRENT CRUDE TAM SINGAPORE		----	----	
CLL	CLL	CRUDE OIL TRADE AT MARKER LONDON			
SEP16			----	----	39.69
OCT16			----	----	40.46
NOV16			----	----	41.26
TOTAL	CRUDE OIL TRADE AT MARKER LONDON		----	----	
CLS	CLS	CRUDE OIL TRADE AT MARKER SINGAPORE			
SEP16			----	----	39.69
OCT16			----	----	40.46
NOV16			----	----	41.26
TOTAL	CRUDE OIL TRADE AT MARKER SINGAPORE		----	----	
HOL	HOL	HEATING OIL TAM AT LONDON			
SEP16			----	----	1.2765
OCT16			----	----	1.2986
NOV16			----	----	1.3192
TOTAL	HEATING OIL TAM AT LONDON		----	----	
RBL	RBL	RBOB GASOLINE TAM LONDON			
SEP16			----	----	1.3334
OCT16			----	----	1.2347
NOV16			----	----	1.2188
TOTAL	RBOB GASOLINE TAM LONDON		----	----	