

2020 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>

CME Group, Inc.

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

Customer Service: (312) 930-1000

FINAL



PG61 BULLETIN #228@

ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 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

CL FUT	NYMEX CRUDE OIL (PHYSICAL)	NYMEX HEATING OIL (PHYSICAL)	SETTL. PRICE & PT. CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST
DEC20	----	----	42.15 UNCH	----	----	0 - 3302
JAN21	42.84	45.20 /42.82	44.91 + 1.85	416486	2041	409337 - 8981
FEB21	43.04	45.38 /43.04	45.11 + 1.83	147973	2490	196184 - 9170
MAR21	43.25	45.49 /43.22A	45.25 + 1.79	101156	963	175463 + 3535
APR21	43.38	45.57 /43.38	45.35 + 1.76	62234	286	84224 + 2637
MAY21	43.44	45.62 /43.44	45.41 + 1.71	47194	206	78477 + 8367
JUN21	43.49	45.63 /43.48	45.41 + 1.64	113951	1193	212559 + 9045
JUL21	43.85	45.59 /43.76	45.38 + 1.57	25162	201	56142 + 4835
AUG21	43.68	45.55 /43.68	45.31 + 1.48	14501	189	45815 - 2004
SEP21	43.51	45.51 /43.51	45.24 + 1.40	18971	18	63790 + 2213
OCT21	43.60	45.37 /43.60	45.16 + 1.33	4530	6	37250 + 585
NOV21	43.62	45.38B/43.62	45.09 + 1.26	3364	106	35868 + 829
DEC21	43.50	45.35 /43.50	45.03 + 1.20	85840	1738	284337 - 1822
JAN22	43.68	45.13 /43.68	44.94 + 1.13	3358	----	36539 + 869
FEB22	----	44.64B	44.85 + 1.06	1373	----	17080 + 448
MAR22	45.00	45.07B/45.00	44.77 + 1.00	3416	----	22238 + 165
APR22	----	44.52B	44.71 + 0.94	557	----	7035 + 310
MAY22	----	44.48B	44.66 + 0.89	519	----	8485 + 120
JUN22	43.95	45.03 /43.58A	44.62 + 0.84	18663	168	62207 + 1145
JUL22	44.38	44.45B/44.38	44.56 + 0.80	684	----	7387 + 194
AUG22	----	44.42B	44.52 + 0.76	361	----	4797 + 182
SEP22	----	44.38B	44.49 + 0.72	1664	----	11835 + 86
OCT22	----	44.37B	44.47 + 0.69	453	----	7178 + 276
NOV22	----	44.43B	44.47 + 0.66	725	----	6163 + 222
DEC22	43.62	44.95 /43.59	44.48 + 0.63	36306	1269	93924 + 1583
JAN23	----	----	44.45 + 0.60	421	----	3554 + 264
FEB23	----	----	44.43 + 0.57	222	----	4220 + 175
MAR23	----	----	44.41 + 0.54	312	----	4151 + 168
APR23	----	----	44.40 + 0.52	75	----	2138 + 75
MAY23	----	----	44.39 + 0.49	----	----	2378 UNCH
JUN23	43.73	44.68 /43.72	44.39 + 0.46	6112	----	25496 + 1675
JUL23	----	----	44.36 + 0.42	----	----	2638 UNCH
AUG23	----	----	44.35 + 0.39	----	----	3004 UNCH
SEP23	----	----	44.35 + 0.36	----	----	2677 UNCH
OCT23	----	----	44.37 + 0.34	----	----	2955 UNCH
NOV23	----	----	44.39 + 0.32	200	----	2246 + 200
DEC23	43.91	44.89B/43.90	44.42 + 0.31	8790	----	33630 + 737
JAN24	----	----	44.41 + 0.29	200	----	1425 + 200
FEB24	----	----	44.40 + 0.26	----	----	93 UNCH
MAR24	----	----	44.40 + 0.24	----	----	564 UNCH
APR24	----	----	44.40 + 0.21	----	----	81 UNCH
MAY24	----	----	44.41 + 0.19	----	----	81 UNCH
JUN24	----	----	44.40 + 0.18	296	----	2443 + 76
JUL24	----	----	44.35 + 0.17	----	----	81 UNCH
AUG24	----	----	44.42 + 0.13	----	----	31 UNCH
SEP24	----	----	44.38 + 0.11	----	----	181 UNCH
OCT24	----	----	44.44 + 0.09	----	----	31 UNCH
NOV24	----	----	44.44 + 0.06	----	----	81 UNCH
DEC24	44.90	44.90 /44.90	44.47 + 0.04	988	----	18094 + 23
JAN25	----	----	44.45 + 0.03	----	----	67 UNCH
FEB25	----	----	44.46 + 0.01	----	----	17 UNCH
MAR25	----	----	44.45 UNCH	----	----	17 UNCH
APR25	----	----	44.49 - 0.01	----	----	17 UNCH
MAY25	----	----	44.51 - 0.03	----	----	17 UNCH
JUN25	----	----	44.55 - 0.04	----	----	18 UNCH
JUL25	----	----	44.54 - 0.05	----	----	17 UNCH
AUG25	----	----	44.62 - 0.06	----	----	17 UNCH
SEP25	----	----	44.60 - 0.07	----	----	17 UNCH
OCT25	----	----	44.65 - 0.08	----	----	17 UNCH
NOV25	----	----	44.69 - 0.09	----	----	17 UNCH
DEC25	----	----	44.72 - 0.10	15	----	2921 + 1
JAN26	----	----	44.73 - 0.10	----	----	26 UNCH
FEB26	----	----	44.70 - 0.11	----	----	26 UNCH
MAR26	----	----	44.78 - 0.11	----	----	26 UNCH
APR26	----	----	44.81 - 0.11	----	----	26 UNCH
MAY26	----	----	44.91 - 0.12	----	----	26 UNCH
JUN26	----	----	44.95 - 0.12	----	----	26 UNCH
JUL26	----	----	45.10 - 0.12	----	----	26 UNCH
AUG26	----	----	45.14 - 0.13	----	----	26 UNCH
SEP26	----	----	45.19 - 0.13	----	----	26 UNCH
OCT26	----	----	45.22 - 0.13	----	----	26 UNCH
NOV26	----	----	45.22 - 0.14	----	----	26 UNCH
DEC26	----	----	45.20 - 0.14	1	----	2001 - 1
DEC27	----	----	45.83 - 0.14	----	----	824 UNCH
JAN28	----	----	45.83 - 0.14	----	----	1 UNCH
FEB28	----	----	45.87 - 0.14	----	----	2 UNCH
DEC28	----	----	46.46 - 0.14	----	----	156 UNCH
DEC29	----	----	47.06 - 0.14	----	----	1 UNCH
DEC30	----	----	47.71 - 0.14	----	----	1 UNCH
TOTAL CL FUT				1127073	10874	2083018 + 15960
HO FUT	NYMEX HEATING OIL (PHYSICAL)					
DEC20	1.3064	1.3756 /1.3064	1.3595 + 0.0490	25192	3733	17579 - 11341
JAN21	1.3120	1.3796 /1.3100	1.3642 + 0.0484	69964	3601	111810 + 153
FEB21	1.3178	1.3855 /1.3169	1.3713 + 0.0482	28518	707	42321 + 185
MAR21	1.3320	1.3906 /1.3255A	1.3774 + 0.0478	20160	1515	36124 + 747
APR21	1.3340	1.3926 /1.3298A	1.3803 + 0.0473	12584	225	23981 + 262
MAY21	1.3381	1.3950 /1.3381	1.3844 + 0.0461	8452	26	12511 - 281
JUN21	1.3462	1.4002 /1.3462	1.3895 + 0.0445	14760	496	29115 - 36
JUL21	1.3649	1.4055 /1.3596A	1.3965 + 0.0428	2444	100	9544 + 140
AUG21	1.3740	1.4127 /1.3736	1.4044 + 0.0416	1693	----	6334 + 85
SEP21	1.3866	1.4234 /1.3866	1.4132 + 0.0406	2451	100	9479 + 596
OCT21	1.4034	1.4278 /1.4034	1.4223 + 0.0398	1222	122	5577 - 235
NOV21	1.4035	1.4361 /1.4035	1.4300 + 0.0389	612	----	5723 + 30
DEC21	1.4000	1.4445 /1.3974A	1.4352 + 0.0377	5307	590	35802 - 564

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HO FUT NYMEX HEATING OIL (PHYSICAL)						
JAN22	1.4253	1.4450 /1.4253	1.4420 + 0.0360	608	----	9178 - 14
FEB22	1.4530	1.4530 /1.4530	1.4453 + 0.0347	445	----	1676 + 31
MAR22	1.4531	1.4531 /1.4531	1.4446 + 0.0332	339	----	1838 + 54
APR22	1.4490	1.4490 /1.4490	1.4408 + 0.0317	82	----	645 + 9
MAY22	1.4452	1.4455 /1.4452	1.4404 + 0.0299	44	----	353 + 3
JUN22	1.4463	1.4544B/1.4453	1.4424 + 0.0289	353	99	5664 + 133
JUL22	1.4600	1.4600 /1.4600	1.4479 + 0.0283	64	----	294 - 6
AUG22	----	1.4385B	1.4536 + 0.0279	25	----	261 + 19
SEP22	1.4685	1.4685 /1.4685	1.4602 + 0.0276	99	----	282 + 31
OCT22	----	1.4473B	1.4647 + 0.0265	11	----	279 + 3
NOV22	----	1.4543B	1.4697 + 0.0249	10	----	117 UNCH
DEC22	1.4662	1.4824 /1.4662	1.4745 + 0.0237	1035	50	8508 + 210
JAN23	----	1.4680B	1.4830 + 0.0228	105	----	193 + 89
FEB23	----	----	1.4915 + 0.0208	----	----	36 UNCH
MAR23	----	----	1.4972 + 0.0201	----	----	26 UNCH
APR23	----	----	1.4945 + 0.0191	----	----	27 UNCH
MAY23	----	----	1.4948 + 0.0182	----	----	27 UNCH
JUN23	1.4977	1.4977 /1.4957	1.4950 + 0.0172	102	----	599 + 69
JUL23	----	----	1.5039 + 0.0171	2	----	24 + 2
AUG23	----	----	1.5089 + 0.0169	----	----	14 UNCH
SEP23	----	----	1.5159 + 0.0165	12	----	15 UNCH
OCT23	----	----	1.5244 + 0.0157	----	----	13 UNCH
NOV23	----	----	1.5264 + 0.0100	----	----	8 UNCH
DEC23	1.5355	1.5358 /1.5146A	1.5264 + 0.0087	96	----	809 + 62
JAN24	----	----	1.5314 + 0.0087	----	----	1 UNCH
TOTAL HO FUT				196791	11364	376787 - 9564
RB FUT NYMEX NY HARBOR GAS (RBOB) (PHY)						
DEC20	1.2023	1.2696 /1.2012	1.2582 + 0.0542	25517	4212	19218 - 11797
JAN21	1.1964	1.2619 /1.1938	1.2510 + 0.0539	70310	5596	135545 + 800
FEB21	1.2024	1.2678 /1.2024	1.2585 + 0.0535	27553	1425	34579 + 1688
MAR21	1.2247	1.2839B/1.2205A	1.2751 + 0.0524	15330	1050	41150 - 483
APR21	1.3421	1.4016B/1.3408A	1.3930 + 0.0503	11309	244	35510 + 921
MAY21	1.3599	1.4105 /1.3599	1.4055 + 0.0490	5794	----	20522 + 789
JUN21	1.3585	1.4134 /1.3585	1.4063 + 0.0477	12232	1115	36057 - 1120
JUL21	1.3674	1.4010B/1.3648A	1.3999 + 0.0462	3464	100	11119 + 1238
AUG21	1.3525	1.3920 /1.3525	1.3880 + 0.0454	2976	----	6648 + 104
SEP21	1.3350	1.3750 /1.3334	1.3692 + 0.0453	4746	100	14945 - 268
OCT21	1.2500	1.2900 /1.2500	1.2861 + 0.0427	2049	----	13058 + 108
NOV21	1.2617	1.2655 /1.2617	1.2634 + 0.0421	845	----	5226 - 73
DEC21	1.2200	1.2541 /1.2196	1.2497 + 0.0424	4130	134	19174 - 22
JAN22	1.2350	1.2437 /1.2322	1.2512 + 0.0424	198	----	1365 + 63
FEB22	----	1.2395B	1.2598 + 0.0422	44	----	110 + 40
MAR22	----	1.2531B	1.2753 + 0.0404	9	----	456 UNCH
APR22	----	1.3884B	1.4143 + 0.0402	29	----	187 - 20
MAY22	----	1.4050B	1.4304 + 0.0371	26	----	113 + 5
JUN22	1.4162	1.4403 /1.4162	1.4381 + 0.0348	187	----	913 + 92
JUL22	----	1.4047B	1.4326 + 0.0358	1	----	215 UNCH
AUG22	----	1.3967B	1.4290 + 0.0352	1	----	181 UNCH
SEP22	----	----	1.4154 + 0.0342	----	----	9 UNCH
OCT22	----	----	1.3005 + 0.0322	----	----	9 UNCH
NOV22	----	----	1.2730 + 0.0303	----	----	8 UNCH
DEC22	1.2528	1.2528 /1.2528	1.2573 + 0.0283	4	----	1082 UNCH
JAN23	----	----	1.2615 + 0.0282	----	----	8 UNCH
FEB23	----	----	1.2730 + 0.0281	----	----	3 UNCH
MAR23	----	----	1.2959 + 0.0280	----	----	3 UNCH
APR23	----	----	1.4837 + 0.0279	----	----	3 UNCH
MAY23	----	----	1.5076 + 0.0278	----	----	2 UNCH
JUN23	----	1.4981B	1.5055 + 0.0277	----	----	1 UNCH
JUL23	----	----	1.4963 + 0.0275	----	----	1 UNCH
AUG23	----	----	1.4794 + 0.0274	----	----	1 UNCH
DEC23	----	----	1.2763 + 0.0270	----	----	5 UNCH
TOTAL RB FUT				186754	13976	397426 - 7935
NG FUT NATURAL GAS HENRY HUB (PHYSICAL)						
DEC20	2.709	2.780 /2.693	2.775 + 0.064	40469	1231	2851 - 14611
JAN21	2.817	2.908 /2.800	2.900 + 0.077	108781	1250	297938 - 5255
FEB21	2.805	2.888 /2.785	2.877 + 0.071	27659	50	95677 - 102
MAR21	2.752	2.817 /2.733	2.809 + 0.058	41275	2850	193978 + 3350
APR21	2.637	2.693 /2.629A	2.691 + 0.054	26092	50	83658 + 357
MAY21	2.624	2.680 /2.623	2.678 + 0.050	12389	50	60877 + 545
JUN21	2.665	2.721 /2.665	2.717 + 0.046	8834	50	35758 - 643
JUL21	2.722	2.775 /2.721	2.772 + 0.045	6359	108	30860 + 183
AUG21	2.739	2.796 /2.739	2.794 + 0.045	4465	108	25859 - 1495
SEP21	2.739	2.792B/2.738	2.789 + 0.044	4648	108	40238 - 1497
OCT21	2.772	2.823B/2.769	2.820 + 0.045	11441	608	95465 - 1195
NOV21	2.870	2.895 /2.840A	2.894 + 0.047	2009	608	40208 - 228
DEC21	2.977	3.039 /2.977	3.037 + 0.050	1790	108	33297 - 101
JAN22	3.110	3.142 /3.083A	3.140 + 0.050	6431	50	32458 + 1547
FEB22	3.044	3.076 /3.044	3.075 + 0.048	1916	50	23120 + 136
MAR22	2.885	2.915 /2.885	2.913 + 0.038	1863	50	25840 + 422
APR22	2.506	2.526 /2.506	2.525 + 0.025	1035	50	23362 + 295
MAY22	2.466	2.470 /2.457	2.469 + 0.017	798	50	12085 + 100
JUN22	2.492	2.498 /2.488A	2.498 + 0.013	961	50	6491 + 87
JUL22	2.538	2.538 /2.525A	2.535 + 0.009	597	50	5674 - 75
AUG22	2.542	2.547B/2.538A	2.546 + 0.008	27	50	4834 + 53
SEP22	2.538	2.539B/2.529A	2.537 + 0.007	33	50	4229 + 48
OCT22	2.566	2.566 /2.557A	2.564 + 0.006	151	50	7986 + 45
NOV22	2.661	2.661 /2.649A	2.652 + 0.006	132	50	5215 - 54
DEC22	2.840	2.846B/2.840	2.845 + 0.005	22	50	5656 + 39
JAN23	----	2.951B	2.950 + 0.002	2	----	4799 - 1
FEB23	----	----	2.881 + 0.002	----	----	1133 UNCH
MAR23	----	----	2.704 + 0.002	----	----	2556 UNCH
APR23	----	----	2.369 + 0.002	----	----	2368 UNCH
MAY23	----	----	2.314 + 0.002	----	----	451 UNCH
JUN23	----	----	2.344 + 0.002	----	----	517 UNCH
JUL23	----	----	2.381 + 0.002	----	----	381 UNCH
AUG23	----	----	2.392 + 0.002	----	----	228 UNCH
SEP23	----	----	2.381 + 0.002	----	----	278 UNCH
OCT23	----	----	2.410 + 0.002	----	----	1129 UNCH
NOV23	----	----	2.527 + 0.002	----	----	432 UNCH
DEC23	----	----	2.760 + 0.002	----	----	769 UNCH
JAN24	----	----	2.878 + 0.002	----	----	501 UNCH
FEB24	----	----	2.829 + 0.002	----	----	207 UNCH
MAR24	----	----	2.685 + 0.002	----	----	214 UNCH
APR24	----	----	2.335 + 0.002	----	----	973 UNCH
MAY24	2.319	2.319 /2.319	2.302 + 0.002	1	----	582 + 1

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<b>NG FUT NATURAL GAS HENRY HUB (PHYSICAL)</b>						
JUN24	2.373	2.373 /2.373	2.339 + 0.002	2	----	310 + 2
JUL24	2.409	2.409 /2.409	2.383 + 0.002	2	----	160 + 2
AUG24	2.418	2.418 /2.418	2.391 + 0.002	2	----	171 + 2
SEP24	2.423	2.423 /2.423	2.389 + 0.002	2	----	83 + 2
OCT24	----	----	2.422 + 0.002	----	----	85 UNCH
NOV24	----	----	2.540 + 0.002	----	----	63 UNCH
DEC24	----	----	2.767 + 0.002	----	----	312 UNCH
JAN25	----	----	2.882 + 0.002	----	----	203 UNCH
FEB25	----	----	2.835 + 0.002	----	----	48 UNCH
MAR25	----	----	2.691 + 0.002	----	----	63 UNCH
APR25	----	----	2.361 + 0.002	----	----	104 UNCH
MAY25	2.360	2.360 /2.360	2.335 + 0.002	1	----	67 + 1
JUN25	2.387	2.387 /2.387	2.369 + 0.002	2	----	103 + 2
JUL25	2.423	2.423 /2.423	2.407 + 0.002	2	----	83 + 2
AUG25	2.437	2.437 /2.437	2.412 + 0.002	2	----	70 + 2
SEP25	2.433	2.433 /2.433	2.404 + 0.002	2	----	71 + 2
OCT25	----	----	2.431 + 0.002	----	----	97 UNCH
NOV25	----	----	2.531 + 0.002	----	----	35 UNCH
DEC25	----	----	2.751 + 0.002	----	----	100 UNCH
JAN26	----	----	2.871 + 0.002	----	----	400 UNCH
FEB26	----	----	2.824 + 0.002	----	----	27 UNCH
MAR26	----	----	2.684 + 0.002	----	----	66 UNCH
APR26	----	----	2.354 + 0.002	----	----	32 UNCH
MAY26	2.363	2.363 /2.363	2.329 + 0.002	1	----	42 + 1
JUN26	2.398	2.398 /2.398	2.364 + 0.002	2	----	48 + 2
JUL26	2.430	2.430 /2.430	2.396 + 0.002	2	----	69 + 2
AUG26	2.435	2.435 /2.435	2.401 + 0.002	2	----	52 + 2
SEP26	2.429	2.429 /2.429	2.395 + 0.002	2	----	51 + 2
OCT26	----	----	2.426 + 0.002	----	----	39 UNCH
NOV26	----	----	2.526 + 0.002	----	----	23 UNCH
DEC26	----	----	2.744 + 0.002	----	----	22 UNCH
JAN27	----	----	2.875 + 0.002	----	----	16 UNCH
FEB27	----	----	2.835 + 0.002	----	----	13 UNCH
MAR27	----	----	2.700 + 0.002	----	----	52 UNCH
APR27	----	----	2.365 + 0.002	----	----	25 UNCH
MAY27	2.379	2.379 /2.379	2.345 + 0.002	1	----	41 + 1
JUN27	2.414	2.414 /2.414	2.380 + 0.002	2	----	28 + 2
JUL27	2.448	2.448 /2.448	2.414 + 0.002	2	----	29 + 2
AUG27	2.454	2.454 /2.454	2.420 + 0.002	2	----	24 + 2
SEP27	2.458	2.458 /2.458	2.424 + 0.002	2	----	32 + 2
OCT27	----	----	2.460 + 0.002	----	----	16 UNCH
NOV27	----	----	2.558 + 0.002	----	----	13 UNCH
DEC27	----	----	2.760 + 0.002	----	----	10 UNCH
JAN28	----	----	2.886 + 0.002	----	----	9 UNCH
FEB28	----	----	2.846 + 0.002	----	----	8 UNCH
MAR28	----	----	2.716 + 0.002	----	----	13 UNCH
APR28	----	----	2.381 + 0.002	----	----	12 UNCH
MAY28	----	----	2.361 + 0.002	----	----	12 UNCH
JUN28	----	----	2.401 + 0.002	----	----	12 UNCH
JUL28	----	----	2.443 + 0.002	----	----	13 UNCH
AUG28	----	----	2.458 + 0.002	----	----	13 UNCH
SEP28	----	----	2.470 + 0.002	----	----	15 UNCH
MAR29	----	----	2.771 + 0.002	----	----	20 UNCH
APR29	----	----	2.436 + 0.002	----	----	20 UNCH
TOTAL NG FUT				310215	7279	1214677 - 18014
<b>BZ FUT NYMEX BRENT OIL LAST DAY FUTURES</b>						
JAN21	45.84	48.03 /45.82A	47.86 + 1.80	31007	685	13245 - 2857
FEB21	45.88	48.00 /45.82A	47.78 + 1.74	33849	403	19394 + 1427
MAR21	46.10	48.01 /45.85A	47.78 + 1.75	12886	390	13817 + 706
APR21	46.43	47.86 /46.42	47.80 + 1.75	7711	----	4539 - 860
MAY21	46.45	47.95 /46.45	47.83 + 1.74	5519	----	3931 + 589
JUN21	46.28	48.06 /46.14	47.84 + 1.70	16927	55	16879 - 519
JUL21	46.48	47.83 /46.48	47.80 + 1.66	2111	----	4045 + 150
AUG21	46.56	48.00 /46.46	47.79 + 1.61	2095	----	3958 + 96
SEP21	----	----	47.78 + 1.56	2175	----	3689 - 193
OCT21	----	----	47.76 + 1.52	807	----	2194 - 109
NOV21	----	----	47.73 + 1.47	553	----	2013 + 118
DEC21	46.60	47.88 /46.60	47.71 + 1.42	11629	25	44419 + 209
JAN22	----	----	47.68 + 1.38	518	----	3628 + 251
FEB22	47.00	47.00 /47.00	47.66 + 1.32	128	----	2288 + 119
MAR22	----	----	47.68 + 1.26	453	----	2055 - 44
APR22	----	----	47.69 + 1.21	----	----	936 UNCH
MAY22	----	----	47.71 + 1.15	----	75	951 UNCH
JUN22	47.04	47.76 /47.04	47.73 + 1.09	1866	150	5521 - 82
JUL22	----	----	47.75 + 1.04	----	75	79 + 68
AUG22	----	----	47.77 + 0.99	----	50	219 + 50
SEP22	----	----	47.79 + 0.95	----	72	127 + 72
OCT22	----	----	47.80 + 0.91	----	72	73 + 72
NOV22	----	----	47.82 NEW	----	72	72 + 72
DEC22	47.29	48.08 /47.29	47.84 + 0.83	4497	266	11201 + 1378
JAN23	----	----	47.83 + 0.77	----	----	55 UNCH
FEB23	----	----	47.86 + 0.74	----	----	12 UNCH
JUN23	48.11	48.15 /48.11	48.13 + 0.62	68	----	285 UNCH
DEC23	48.43	48.45 /48.43	48.31 + 0.46	288	----	3174 + 52
DEC24	----	----	48.77 + 0.16	----	----	336 UNCH
TOTAL BZ FUT				135087	2390	163135 + 765
<b>7F FUT EUROPEAN GASOIL ICE FUTURE</b>						
DEC20	----	----	388.75 + 18.50	----	----	25 UNCH
JAN21	----	----	392.00 + 18.50	----	----	25 UNCH
MAR21	----	----	398.50 + 17.25	5	----	11 + 5
APR21	----	----	400.75 + 16.75	5	----	6 + 5
MAY21	----	----	403.00 + 16.25	----	----	5 UNCH
TOTAL 7F FUT				10	----	72 + 10
<b>QM FUT E-MINI CRUDE OIL FUTURES</b>						
JAN21	42.825	45.200 /42.825	44.910 + 1.850	11769	----	1747 + 323
FEB21	43.050	45.375 /43.050	45.110 + 1.830	708	----	250 + 6
MAR21	43.725	45.475B/43.725	45.250 + 1.790	186	----	455 + 91
APR21	44.400	45.525B/44.350	45.350 + 1.760	118	----	117 + 80
MAY21	44.075	45.150 /44.000	45.410 + 1.710	10	----	32 - 5
JUN21	43.900	45.600B/43.900	45.410 + 1.640	30	----	153 + 3
JUL21	----	44.800B	45.380 + 1.570	8	----	17 UNCH
AUG21	45.000	45.000 /45.000	45.310 + 1.480	1	----	9 - 1
SEP21	45.200	45.200 /45.075	45.240 + 1.400	4	----	8 UNCH
OCT21	----	----	45.160 + 1.330	----	----	8 UNCH

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST
E-MINI CRUDE OIL FUTURES						
QM FUT						
NOV21	43.750	44.850 /43.700A	45.090 + 1.260	4	----	9 - 2
DEC21	44.400	45.300B/44.400	45.030 + 1.200	13	----	129 + 3
JAN22	----	----	44.940 + 1.130	----	----	5 UNCH
JUN22	44.750	44.750 /44.750	44.620 + 0.840	1	----	10 + 1
DEC22	44.075	44.075 /44.075	44.480 + 0.630	1	----	14 + 1
DEC23	----	----	44.420 + 0.310	----	----	1 UNCH
TOTAL QM FUT				12853		2964 + 500
E-MINI HEATING OIL FUTURES						
QH FUT						
DEC20	----	----	1.3595 + 0.0490	----	----	0 UNCH
TOTAL QH FUT						0
E-MINI GASOLINE FUTURES						
QU FUT						
DEC20	1.2040	1.2040 /1.2040	1.2582 + 0.0542	1	----	0 - 1
TOTAL QU FUT				1		0 - 1
E-MINI NATURAL GAS						
QG FUT						
DEC20	2.715	2.775 /2.690	2.775 + 0.064	627	----	3645 - 70
JAN21	2.815	2.910 /2.800	2.900 + 0.077	4801	----	2309 + 119
FEB21	2.805	2.885B/2.785	2.877 + 0.071	416	----	459 + 61
MAR21	2.750	2.815B/2.735A	2.809 + 0.058	49	----	514 + 7
APR21	2.630	2.690B/2.630	2.691 + 0.054	20	----	142 + 13
MAY21	----	----	2.678 + 0.050	----	----	25 UNCH
JUN21	----	----	2.717 + 0.046	----	----	15 UNCH
JUL21	2.725	2.725 /2.720	2.772 + 0.045	2	----	27 + 1
AUG21	2.750	2.750 /2.745	2.794 + 0.045	2	----	28 UNCH
SEP21	----	----	2.789 + 0.044	----	----	12 UNCH
OCT21	----	----	2.820 + 0.045	----	----	9 UNCH
NOV21	----	----	2.894 + 0.047	----	----	8 UNCH
DEC21	----	----	3.037 + 0.050	----	----	12 UNCH
JAN22	----	----	3.140 + 0.050	----	----	19 UNCH
FEB22	----	----	3.075 + 0.048	----	----	21 UNCH
MAR22	----	----	2.913 + 0.038	----	----	58 UNCH
APR22	----	----	2.525 + 0.025	----	----	52 UNCH
MAY22	----	----	2.469 + 0.017	----	----	8 UNCH
JUN22	----	----	2.498 + 0.013	----	----	2 UNCH
JUL22	----	----	2.535 + 0.009	----	----	2 UNCH
AUG22	----	----	2.546 + 0.008	----	----	2 UNCH
SEP22	----	----	2.537 + 0.007	----	----	2 UNCH
DEC22	----	----	2.845 + 0.005	----	----	2 UNCH
JAN23	----	----	2.950 + 0.002	----	----	2 UNCH
FEB23	----	----	2.881 + 0.002	----	----	2 UNCH
MAR23	----	----	2.704 + 0.002	----	----	2 UNCH
MAY23	----	----	2.314 + 0.002	----	----	2 UNCH
JUN23	----	----	2.344 + 0.002	----	----	1 UNCH
JUL23	----	----	2.381 + 0.002	----	----	2 UNCH
OCT23	----	----	2.410 + 0.002	----	----	1 UNCH
TOTAL QG FUT				5917		7385 + 131

CRUDE OIL FUTURES PRODUCTS

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST
ARGUS LLS VS. WTI (ARG) TRD M						
E5 FUT						
DEC20	----	----	1.29 + 0.01	----	----	2302 UNCH
JAN21	----	----	1.58 + 0.03	----	----	2615 UNCH
FEB21	----	----	1.58 + 0.03	----	----	1515 UNCH
MAR21	----	----	1.58 + 0.03	----	----	1515 UNCH
APR21	----	----	1.55 UNCH	----	----	475 UNCH
MAY21	----	----	1.53 - 0.02	----	----	475 UNCH
JUN21	----	----	1.50 - 0.05	----	----	475 UNCH
JUL21	----	----	1.48 - 0.07	----	----	1260 UNCH
AUG21	----	----	1.48 - 0.07	----	----	1260 UNCH
SEP21	----	----	1.48 - 0.07	----	----	1260 UNCH
OCT21	----	----	1.48 - 0.07	----	----	1310 UNCH
NOV21	----	----	1.48 - 0.07	----	----	1310 UNCH
DEC21	----	----	1.48 - 0.07	----	----	1310 UNCH
JAN22	----	----	1.28 - 0.02	----	----	70 UNCH
FEB22	----	----	1.28 - 0.02	----	----	40 UNCH
MAR22	----	----	1.28 - 0.02	----	----	40 UNCH
APR22	----	----	1.28 - 0.02	----	----	40 UNCH
MAY22	----	----	1.28 - 0.02	----	----	40 UNCH
JUN22	----	----	1.28 - 0.02	----	----	40 UNCH
JUL22	----	----	1.28 - 0.02	----	----	40 UNCH
AUG22	----	----	1.28 - 0.02	----	----	40 UNCH
SEP22	----	----	1.28 - 0.02	----	----	40 UNCH
OCT22	----	----	1.28 - 0.02	----	----	40 UNCH
NOV22	----	----	1.28 - 0.02	----	----	40 UNCH
DEC22	----	----	1.28 - 0.02	----	----	40 UNCH
TOTAL E5 FUT						17592
ARGUS V NYMEX WTI TRD MO FUT						
ANT FUT						
JAN21	----	----	-0.25 + 0.04	----	----	20 UNCH
FEB21	----	----	-0.16 + 0.05	----	----	20 UNCH
MAR21	----	----	-0.12 + 0.04	----	----	20 UNCH
APR21	----	----	-0.06 + 0.08	----	----	20 UNCH
MAY21	----	----	0.01 + 0.09	----	----	20 UNCH
JUN21	----	----	0.05 + 0.10	----	----	20 UNCH
JUL21	----	----	0.10 + 0.12	----	----	20 UNCH
AUG21	----	----	0.10 + 0.11	----	----	20 UNCH
SEP21	----	----	0.10 + 0.09	----	----	20 UNCH
OCT21	----	----	0.09 + 0.09	----	----	20 UNCH
NOV21	----	----	0.09 + 0.08	----	----	20 UNCH
DEC21	----	----	0.12 + 0.09	----	----	20 UNCH
JAN22	----	----	0.12 + 0.09	----	----	20 UNCH
FEB22	----	----	0.09 + 0.07	----	----	20 UNCH
MAR22	----	----	0.08 + 0.08	----	----	20 UNCH
APR22	----	----	0.06 + 0.06	----	----	20 UNCH
MAY22	----	----	0.06 + 0.06	----	----	20 UNCH



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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
ANT FUT	ARGUS V NYMEX WTI TRD MO FUT							
JUN22	----	----	0.07 + 0.05		----	----	20	UNCH
JUL22	----	----	0.05 + 0.05		----	----	20	UNCH
AUG22	----	----	0.04 + 0.05		----	----	20	UNCH
SEP22	----	----	0.02 + 0.04		----	----	20	UNCH
OCT22	----	----	0.00 + 0.04		----	----	20	UNCH
NOV22	----	----	0.00 + 0.04		----	----	20	UNCH
DEC22	----	----	0.04 + 0.04		----	----	20	UNCH
TOTAL ANT FUT							480	
J9 FUT	BRENT BALMO							
03NOV20	----	----	44.190 + 0.447		----	----	100	UNCH
TOTAL J9 FUT							100	
CY FUT	BRENT CALENDAR							
NOV20	----	----	43.94 + 0.42		----	----	2452	UNCH
DEC20	----	----	47.78 + 1.74		----	389	3309 +	115
JAN21	----	----	47.78 + 1.75		----	----	2402	UNCH
FEB21	----	----	47.80 + 1.75		----	----	277	UNCH
MAR21	----	----	47.83 + 1.74		----	----	279	UNCH
APR21	----	----	47.84 + 1.70		----	----	322	UNCH
MAY21	----	----	47.80 + 1.66		----	----	323	UNCH
JUN21	----	----	47.79 + 1.61		----	----	322	UNCH
JUL21	----	----	47.78 + 1.56		----	----	396	UNCH
AUG21	----	----	47.76 + 1.52		----	----	346	UNCH
SEP21	----	----	47.73 + 1.47		----	----	345	UNCH
OCT21	----	----	47.71 + 1.42		----	----	284	UNCH
NOV21	----	----	47.68 + 1.38		----	----	282	UNCH
DEC21	----	----	47.66 + 1.31		----	----	283	UNCH
JAN22	----	----	47.68 + 1.26		----	----	166	UNCH
FEB22	----	----	47.69 + 1.21		----	----	163	UNCH
MAR22	----	----	47.71 + 1.15		----	----	166	UNCH
APR22	----	----	47.73 + 1.09		----	----	140	UNCH
MAY22	----	----	47.75 + 1.04		----	----	141	UNCH
JUN22	----	----	47.77 + 0.99		----	----	140	UNCH
JUL22	----	----	47.79 + 0.95		----	----	110	UNCH
AUG22	----	----	47.80 + 0.91		----	----	110	UNCH
SEP22	----	----	47.82 + 0.87		----	----	110	UNCH
OCT22	----	----	47.84 + 0.83		----	----	110	UNCH
NOV22	----	----	47.83 + 0.77		----	----	109	UNCH
DEC22	----	----	47.87 + 0.74		----	----	109	UNCH
JAN23	----	----	47.93 + 0.71		----	----	16	UNCH
FEB23	----	----	48.00 + 0.67		----	----	16	UNCH
MAR23	----	----	48.07 + 0.65		----	----	16	UNCH
APR23	----	----	48.13 + 0.62		----	----	16	UNCH
MAY23	----	----	48.16 + 0.59		----	----	16	UNCH
JUN23	----	----	48.19 + 0.56		----	----	16	UNCH
JUL23	----	----	48.22 + 0.54		----	----	16	UNCH
AUG23	----	----	48.26 + 0.52		----	----	16	UNCH
SEP23	----	----	48.28 + 0.49		----	----	16	UNCH
OCT23	----	----	48.31 + 0.46		----	----	16	UNCH
NOV23	----	----	48.36 + 0.43		----	----	13	UNCH
DEC23	----	----	48.41 + 0.39		----	----	13	UNCH
TOTAL CY FUT						389	13382 +	115
CC5 FUT	CANADIAN C5+ CONDENSATE INDEX FUT							
JAN21	----	----	-0.100 + 0.150		----	----	265	UNCH
FEB21	----	----	-0.250 UNCH		----	----	265	UNCH
MAR21	----	----	0.050 UNCH		----	----	265	UNCH
APR21	----	----	-0.350 UNCH		----	----	78	UNCH
MAY21	----	----	-0.350 UNCH		----	----	78	UNCH
JUN21	----	----	-0.350 UNCH		----	----	78	UNCH
JUL21	----	----	-2.100 UNCH		----	----	70	UNCH
AUG21	----	----	-2.250 UNCH		----	----	70	UNCH
SEP21	----	----	-2.400 UNCH		----	----	70	UNCH
OCT21	----	----	-2.200 UNCH		----	----	46	UNCH
NOV21	----	----	-2.250 UNCH		----	----	46	UNCH
DEC21	----	----	-2.300 UNCH		----	----	46	UNCH
TOTAL CC5 FUT							1377	
CSW FUT	CLEARBROOK BAKKEN CRUDE OIL INDEX							
JAN21	----	----	-2.450 - 0.350		----	----	499	UNCH
FEB21	----	----	-2.550 - 0.400		----	----	491	UNCH
MAR21	----	----	-2.650 - 0.450		----	----	499	UNCH
APR21	----	----	-1.700 UNCH		----	----	585	UNCH
MAY21	----	----	-1.700 UNCH		----	----	589	UNCH
JUN21	----	----	-1.700 UNCH		----	----	585	UNCH
TOTAL CSW FUT							3248	
FY FUT	DATED TO FRONTLINE BRENT CLNDR							
NOV20	----	----	-1.21 UNCH		----	----	50	UNCH
DEC20	----	----	-0.58 + 0.04		----	----	50	UNCH
TOTAL FY FUT							100	
DC FUT	DUBAI CRUDE OIL CALENDAR							
DEC20	----	----	47.140 + 1.724		----	----	100	UNCH
TOTAL DC FUT							100	
UB FUT	EUROPE DATED BRENT							
NOV20	----	----	42.73 + 0.42		----	----	2	UNCH
DEC20	----	----	47.20 + 1.78		----	----	2	UNCH
JAN21	----	----	47.23 + 1.75		----	----	2	UNCH
FEB21	----	----	47.25 + 1.79		----	----	2	UNCH
MAR21	----	----	47.27 + 1.76		----	----	2	UNCH
APR21	----	----	47.31 + 1.78		----	----	2	UNCH
MAY21	----	----	47.27 + 1.74		----	----	2	UNCH
JUN21	----	----	47.26 + 1.69		----	----	2	UNCH
JUL21	----	----	47.27 + 1.61		----	----	2	UNCH
AUG21	----	----	47.25 + 1.57		----	----	1	UNCH
SEP21	----	----	47.22 + 1.52		----	----	1	UNCH
MAR22	----	----	47.27 + 1.18		----	----	1	UNCH
APR22	----	----	47.29 + 1.12		----	----	1	UNCH
MAY22	----	----	47.31 + 1.07		----	----	1	UNCH
JUN22	----	----	47.33 + 1.02		----	----	2	UNCH
JUL22	----	----	47.35 + 0.98		----	----	2	UNCH
AUG22	----	----	47.36 + 0.94		----	----	1	UNCH
SEP22	----	----	47.38 + 0.90		----	----	2	UNCH
OCT22	----	----	47.40 + 0.86		----	----	1	UNCH



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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TOTAL UB FUT							31	
GSW FUT	GUERNSEY LIGHT SWEET CRUDE OIL FUT							
DEC20	----	----	-2.069 + 0.014		----	----	210	UNCH
JAN21	----	----	-2.050 UNCH		----	----	165	UNCH
FEB21	----	----	-2.100 UNCH		----	----	165	UNCH
MAR21	----	----	-2.150 UNCH		----	----	165	UNCH
APR21	----	----	-2.300 UNCH		----	----	165	UNCH
MAY21	----	----	-2.450 UNCH		----	----	165	UNCH
JUN21	----	----	-2.600 UNCH		----	----	165	UNCH
JUL21	----	----	-2.200 UNCH		----	----	165	UNCH
AUG21	----	----	-2.250 UNCH		----	----	165	UNCH
SEP21	----	----	-2.450 UNCH		----	----	165	UNCH
OCT21	----	----	-2.500 UNCH		----	----	165	UNCH
NOV21	----	----	-2.650 UNCH		----	----	165	UNCH
DEC21	----	----	-2.850 UNCH		----	----	165	UNCH
TOTAL GSW FUT							2190	
DB FUT	ICE BRENT DUBAI							
NOV20	----	----	0.545 + 0.106		----	----	1998	UNCH
DEC20	----	----	0.640 + 0.017		----	----	2743	UNCH
JAN21	----	----	0.841 + 0.028		----	----	365	UNCH
FEB21	----	----	0.883 + 0.010		----	----	505	UNCH
MAR21	----	----	0.911 + 0.008		----	----	675	UNCH
APR21	----	----	0.919 - 0.012		----	----	420	UNCH
MAY21	----	----	0.922 - 0.002		----	----	340	UNCH
JUN21	----	----	0.972 + 0.030		----	----	340	UNCH
JUL21	----	----	1.021 + 0.020		----	----	340	UNCH
AUG21	----	----	1.061 + 0.020		----	----	340	UNCH
SEP21	----	----	1.101 + 0.020		----	----	340	UNCH
OCT21	----	----	1.161 + 0.030		----	----	340	UNCH
NOV21	----	----	1.209 + 0.026		----	----	340	UNCH
DEC21	----	----	1.247 - 0.031		----	----	340	UNCH
JAN22	----	----	1.242 - 0.002		----	----	15	UNCH
FEB22	----	----	1.224 + 0.020		----	----	15	UNCH
MAR22	----	----	1.224 + 0.021		----	----	15	UNCH
APR22	----	----	1.233 + 0.009		----	----	15	UNCH
MAY22	----	----	1.233 UNCH		----	----	15	UNCH
JUN22	----	----	1.233 - 0.011		----	----	15	UNCH
JUL22	----	----	1.232 - 0.020		----	----	15	UNCH
AUG22	----	----	1.223 - 0.020		----	----	15	UNCH
SEP22	----	----	1.223 - 0.010		----	----	15	UNCH
OCT22	----	----	1.223 - 0.010		----	----	15	UNCH
NOV22	----	----	1.212 - 0.022		----	----	15	UNCH
DEC22	----	----	1.219 - 0.031		----	----	15	UNCH
TOTAL DB FUT							9606	
LSW FUT	LIGHT SWEET OIL NET ENERGY MONTHLY							
JAN21	----	----	-5.600 UNCH		----	----	300	UNCH
FEB21	----	----	-6.050 - 0.100		----	----	300	UNCH
MAR21	----	----	-6.000 - 0.100		----	----	300	UNCH
APR21	----	----	-5.750 - 0.100		----	----	393	UNCH
MAY21	----	----	-5.550 - 0.100		----	----	393	UNCH
JUN21	----	----	-5.550 - 0.200		----	----	393	UNCH
JUL21	----	----	-5.500 UNCH		----	----	213	UNCH
AUG21	----	----	-5.700 UNCH		----	----	213	UNCH
SEP21	----	----	-5.850 UNCH		----	----	213	UNCH
OCT21	----	----	-6.000 UNCH		----	----	198	UNCH
NOV21	----	----	-6.100 UNCH		----	----	198	UNCH
DEC21	----	----	-6.250 UNCH		----	----	198	UNCH
TOTAL LSW FUT							3312	
XA FUT	LLS (ARGUS) CALENDAR							
NOV20	----	----	42.37 + 0.32		----	----	11	UNCH
DEC20	----	----	46.52 + 1.87		----	----	11	UNCH
JAN21	----	----	46.71 + 1.84		----	----	11	UNCH
FEB21	----	----	46.83 + 1.81		----	----	10	UNCH
MAR21	----	----	46.91 + 1.75		----	----	10	UNCH
APR21	----	----	46.93 + 1.66		----	----	10	UNCH
MAY21	----	----	46.90 + 1.57		----	----	10	UNCH
JUN21	----	----	46.85 + 1.49		----	----	10	UNCH
JUL21	----	----	46.77 + 1.39		----	----	10	UNCH
AUG21	----	----	46.70 + 1.31		----	----	10	UNCH
TOTAL XA FUT							103	
WJ FUT	LLS (ARGUS) VS WTI							
NOV20	----	----	1.31 + 0.03		----	----	860	UNCH
DEC20	----	----	1.55 + 0.03		----	----	860	UNCH
JAN21	----	----	1.55 + 0.03		----	----	177	UNCH
FEB21	----	----	1.56 + 0.03		----	----	174	UNCH
MAR21	----	----	1.54 UNCH		----	----	177	UNCH
APR21	----	----	1.52 - 0.02		----	----	176	UNCH
MAY21	----	----	1.50 - 0.04		----	----	177	UNCH
JUN21	----	----	1.48 - 0.07		----	----	176	UNCH
JUL21	----	----	1.49 - 0.06		----	----	160	UNCH
AUG21	----	----	1.49 - 0.06		----	----	160	UNCH
SEP21	----	----	1.49 - 0.06		----	----	159	UNCH
OCT21	----	----	1.48 - 0.07		----	----	160	UNCH
NOV21	----	----	1.46 - 0.06		----	----	159	UNCH
DEC21	----	----	1.29 - 0.01		----	----	160	UNCH
JAN22	----	----	1.29 - 0.01		----	----	69	UNCH
FEB22	----	----	1.28 - 0.02		----	----	69	UNCH
MAR22	----	----	1.28 - 0.02		----	----	69	UNCH
APR22	----	----	1.28 - 0.02		----	----	69	UNCH
MAY22	----	----	1.28 - 0.02		----	----	69	UNCH
JUN22	----	----	1.28 - 0.02		----	----	69	UNCH
JUL22	----	----	1.28 - 0.02		----	----	69	UNCH
AUG22	----	----	1.28 - 0.02		----	----	69	UNCH
SEP22	----	----	1.28 - 0.02		----	----	69	UNCH
OCT22	----	----	1.27 - 0.02		----	----	69	UNCH
NOV22	----	----	1.27 - 0.02		----	----	69	UNCH
DEC22	----	----	1.18 - 0.02		----	----	69	UNCH
JAN23	----	----	1.18 - 0.02		----	----	32	UNCH
FEB23	----	----	1.18 - 0.02		----	----	32	UNCH
MAR23	----	----	1.18 - 0.02		----	----	32	UNCH
APR23	----	----	1.18 - 0.02		----	----	32	UNCH
MAY23	----	----	1.18 - 0.02		----	----	32	UNCH
JUN23	----	----	1.18 - 0.02		----	----	32	UNCH





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ENERGY FUTURES PRODUCTS

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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
WJ FUT	LLS (ARGUS) VS WTI							
JUL23	----	----	1.18 - 0.02		----	----	32	UNCH
AUG23	----	----	1.17 - 0.02		----	----	32	UNCH
SEP23	----	----	1.17 - 0.02		----	----	32	UNCH
OCT23	----	----	1.17 - 0.02		----	----	32	UNCH
NOV23	----	----	1.18 - 0.02		----	----	32	UNCH
DEC23	----	----	1.18 - 0.02		----	----	32	UNCH
TOTAL WJ FUT							4947	
LPS FUT	LOOP CRUDE OIL STORAGE FUTURES							
DEC20	----	----	0.050 UNCH		----	----	0 -	1150
JAN21	----	----	0.110 UNCH		----	----	200	UNCH
FEB21	----	----	0.100 UNCH		----	----	200	UNCH
MAR21	----	----	0.100 UNCH		----	----	200	UNCH
APR21	----	----	0.090 UNCH		----	----	50	UNCH
MAY21	----	----	0.090 UNCH		----	----	50	UNCH
JUN21	----	----	0.090 UNCH		----	----	50	UNCH
TOTAL LPS FUT							750 -	1150
YX FUT	MARS (ARGUS) VS WTI							
NOV20	----	----	0.39 + 0.01		----	----	50	UNCH
DEC20	----	----	0.64 + 0.04		----	----	50	UNCH
JAN21	----	----	0.59 - 0.01		----	----	10	UNCH
FEB21	----	----	0.56 - 0.04		----	----	10	UNCH
MAR21	----	----	0.53 - 0.02		----	----	10	UNCH
APR21	----	----	0.49 - 0.01		----	----	10	UNCH
MAY21	----	----	0.45 - 0.02		----	----	10	UNCH
JUN21	----	----	0.41 - 0.03		----	----	10	UNCH
JUL21	----	----	0.38 - 0.04		----	----	10	UNCH
AUG21	----	----	0.35 - 0.04		----	----	10	UNCH
SEP21	----	----	0.30 - 0.04		----	----	10	UNCH
OCT21	----	----	0.27 - 0.04		----	----	10	UNCH
NOV21	----	----	0.27 - 0.04		----	----	10	UNCH
DEC21	----	----	0.26 - 0.04		----	----	10	UNCH
TOTAL YX FUT							220	
YV FUT	MARS (ARGUS) VS WTI TRD MTH							
DEC20	----	----	0.39 UNCH		----	----	4950	UNCH
JAN21	----	----	0.68 + 0.05		75	75	4195 +	75
FEB21	----	----	0.63 UNCH		5	5	2215 +	5
MAR21	----	----	0.58 - 0.05		150	150	2560 +	150
APR21	----	----	0.55 - 0.03				625	UNCH
MAY21	----	----	0.50 - 0.03				625	UNCH
JUN21	----	----	0.45 - 0.03				781	UNCH
JUL21	----	----	0.40 - 0.05				390	UNCH
AUG21	----	----	0.38 - 0.05				390	UNCH
SEP21	----	----	0.35 - 0.05				390	UNCH
OCT21	----	----	0.30 - 0.05				390	UNCH
NOV21	----	----	0.26 - 0.05				390	UNCH
DEC21	----	----	0.26 - 0.05				390	UNCH
TOTAL YV FUT					230	230	18291 +	230
MBC FUT	MINI BRENT FINANCIAL FUTURES							
NOV20	----	----	43.94 + 0.42		----	----	5	UNCH
DEC20	----	----	47.78 + 1.74		----	----	5	UNCH
TOTAL MBC FUT							10	
MDB FUT	MINI DATED BRENT (PLATTS) FINANCIAL							
NOV20	----	----	42.73 + 0.42		----	----	10	UNCH
JAN21	----	----	47.23 + 1.75		----	----	10	UNCH
FEB21	----	----	47.25 + 1.79		----	----	20	UNCH
MAR21	----	----	47.27 + 1.76		----	----	30	UNCH
APR21	----	----	47.31 + 1.78		----	----	20	UNCH
TOTAL MDB FUT							90	
CS FUT	WEST TEXAS INTER CRUDE OIL CAL							
NOV20	----	----	41.25 + 0.37		----	----	23278	UNCH
DEC20	----	----	44.97 + 1.84		489	489	21759 +	389
JAN21	----	----	45.16 + 1.81		383	383	8994 +	136
FEB21	----	----	45.27 + 1.78		253	253	6538 +	90
MAR21	----	----	45.37 + 1.75		253	253	6609 +	90
APR21	----	----	45.41 + 1.68		248	248	6226 +	85
MAY21	----	----	45.40 + 1.62		248	248	5927 +	85
JUN21	----	----	45.36 + 1.54		225	225	6219 +	62
JUL21	----	----	45.28 + 1.45		115	115	5711 +	42
AUG21	----	----	45.21 + 1.37		115	115	5724 +	42
SEP21	----	----	45.14 + 1.31		115	115	5694 +	42
OCT21	----	----	45.07 + 1.24		115	115	5665 +	42
NOV21	----	----	45.00 + 1.18		115	115	5609 +	42
DEC21	----	----	44.91 + 1.11		115	115	6048 +	50
JAN22	----	----	44.82 + 1.04		96	96	2122 +	96
FEB22	----	----	44.76 + 0.99		88	88	2084 +	88
MAR22	----	----	44.69 + 0.92		88	88	2107 +	88
APR22	----	----	44.65 + 0.88		89	89	2009 +	89
MAY22	----	----	44.60 + 0.83		95	95	2053 +	95
JUN22	----	----	44.55 + 0.79		86	86	2017 +	86
JUL22	----	----	44.51 + 0.75		42	42	1824 +	42
AUG22	----	----	44.48 + 0.71		41	41	1812 +	41
SEP22	----	----	44.47 + 0.68		30	30	1792 +	30
OCT22	----	----	44.47 + 0.65		27	27	1692 +	27
NOV22	----	----	44.47 + 0.62		28	28	1677 +	28
DEC22	----	----	44.44 + 0.59		35	35	1684 +	35
JAN23	----	----	44.42 + 0.56		48	48	1067 +	48
FEB23	----	----	44.41 + 0.54		48	48	1037 +	28
MAR23	----	----	44.40 + 0.51		44	44	1061 +	44
APR23	----	----	44.39 + 0.48		35	35	1048 +	35
MAY23	----	----	44.38 + 0.45		43	43	1058 +	43
JUN23	----	----	44.36 + 0.41		31	31	1027 +	31
JUL23	----	----	44.35 + 0.38		39	39	1046 +	39
AUG23	----	----	44.36 + 0.36		36	36	1042 +	36
SEP23	----	----	44.38 + 0.34		27	27	1030 +	27
OCT23	----	----	44.40 + 0.32		32	32	1029 +	32
NOV23	----	----	44.42 + 0.31		24	24	995 +	24
DEC23	----	----	44.41 + 0.28		40	40	1013 +	40
JAN24	----	----	44.40 + 0.25		----	----	159	UNCH
FEB24	----	----	44.40 + 0.23		----	----	157	UNCH
MAR24	----	----	44.40 + 0.20		----	----	159	UNCH
APR24	----	----	44.41 + 0.19		----	----	158	UNCH



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ENERGY FUTURES PRODUCTS

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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
CS FUT	WEST TEXAS INTER CRUDE OIL CAL							
MAY24	----	----	44.38 + 0.17		----	----	159	UNCH
JUN24	----	----	44.37 + 0.16		----	----	158	UNCH
JUL24	----	----	44.41 + 0.13		----	----	159	UNCH
AUG24	----	----	44.40 + 0.10		----	----	159	UNCH
SEP24	----	----	44.44 + 0.08		----	----	158	UNCH
OCT24	----	----	44.45 + 0.05		----	----	159	UNCH
NOV24	----	----	44.46 + 0.03		----	----	158	UNCH
DEC24	----	----	44.45 + 0.02		----	----	159	UNCH
JAN25	----	----	44.46 + 0.01		----	----	40	UNCH
FEB25	----	----	44.46 - 0.01		----	----	40	UNCH
MAR25	----	----	44.50 - 0.01		----	----	40	UNCH
APR25	----	----	44.52 - 0.03		----	----	40	UNCH
MAY25	----	----	44.55 - 0.04		----	----	40	UNCH
JUN25	----	----	44.56 - 0.06		----	----	40	UNCH
JUL25	----	----	44.61 - 0.07		----	40	80 +	40
AUG25	----	----	44.62 - 0.07		----	40	80 +	40
SEP25	----	----	44.66 - 0.08		----	40	80 +	40
OCT25	----	----	44.70 - 0.09		----	40	80 +	40
NOV25	----	----	44.72 - 0.10		----	40	80 +	40
DEC25	----	----	44.72 - 0.10		----	40	80 +	40
TOTAL CS FUT						4201	157949 +	2609
WCW FUT	WESTERN CANADIAN SELECT OIL MONTHLY							
JAN21	----	----	-11.100 + 0.400		----	60	740 +	60
FEB21	----	----	-12.750 + 0.150		----	60	680 +	60
MAR21	----	----	-13.050 + 0.500		----	75	695 +	60
APR21	----	----	-12.500 UNCH		----	45	375 +	45
MAY21	----	----	-12.700 UNCH		----	45	225 +	45
JUN21	----	----	-12.900 UNCH		----	45	225 +	45
JUL21	----	----	-12.150 UNCH		----	45	180 +	45
AUG21	----	----	-12.400 UNCH		----	45	180 +	45
SEP21	----	----	-12.650 UNCH		----	45	180 +	45
OCT21	----	----	-13.300 UNCH		----	----	120	UNCH
NOV21	----	----	-13.550 UNCH		----	----	120	UNCH
DEC21	----	----	-13.950 UNCH		----	----	120	UNCH
TOTAL WCW FUT						465	3840 +	450
42 FUT	WTI BALMO							
03NOV20	----	----	41.49 + 0.39		----	----	60	UNCH
06NOV20	----	----	42.04 + 0.46		----	----	6	UNCH
09NOV20	----	----	42.37 + 0.49		----	----	125	UNCH
10NOV20	----	----	42.52 + 0.53		----	----	47	UNCH
12NOV20	----	----	42.70 + 0.61		----	----	38	UNCH
16NOV20	----	----	43.12 + 0.74		----	----	60	UNCH
19NOV20	----	----	43.80 + 1.06		----	----	18	UNCH
23NOV20	----	----	44.54 + 1.48		----	----	8	UNCH
TOTAL 42 FUT							362	
HIL FUT	WTI HOUSTON ARGUS V. WTI FINANCIAL							
NOV20	----	----	0.75 + 0.01		----	----	360	UNCH
DEC20	----	----	1.10 - 0.02		----	----	210	UNCH
JAN21	----	----	1.10 - 0.02		----	78	971 +	78
FEB21	----	----	1.11 - 0.02		----	70	833 +	70
MAR21	----	----	1.04 - 0.05		----	77	970 +	77
APR21	----	----	1.05 - 0.04		----	----	893	UNCH
MAY21	----	----	1.05 - 0.04		----	----	893	UNCH
JUN21	----	----	1.01 - 0.06		----	----	893	UNCH
JUL21	----	----	0.98 - 0.06		----	----	876	UNCH
AUG21	----	----	0.96 - 0.07		----	----	876	UNCH
SEP21	----	----	0.96 - 0.09		----	----	876	UNCH
OCT21	----	----	0.96 - 0.09		----	----	876	UNCH
NOV21	----	----	0.96 - 0.08		----	----	876	UNCH
DEC21	----	----	0.96 + 0.01		----	----	876	UNCH
JAN22	----	----	0.96 + 0.01		----	----	605	UNCH
FEB22	----	----	0.96 + 0.01		----	----	605	UNCH
MAR22	----	----	0.96 + 0.01		----	----	605	UNCH
APR22	----	----	0.96 + 0.01		----	----	605	UNCH
MAY22	----	----	0.96 + 0.01		----	----	605	UNCH
JUN22	----	----	0.96 + 0.01		----	----	605	UNCH
JUL22	----	----	0.95 UNCH		----	----	605	UNCH
AUG22	----	----	0.95 UNCH		----	----	605	UNCH
SEP22	----	----	0.95 UNCH		----	----	605	UNCH
OCT22	----	----	0.95 + 0.01		----	----	605	UNCH
NOV22	----	----	0.95 UNCH		----	----	605	UNCH
DEC22	----	----	0.93 + 0.01		----	----	605	UNCH
TOTAL HIL FUT						225	18539 +	225
HTT FUT	WTI HOUSTON ARGUS V. WTI TRADE MONTH							
DEC20	----	----	0.74 UNCH		----	----	24452	UNCH
JAN21	----	----	1.13 - 0.02		----	800	13250 -	40
FEB21	----	----	1.13 - 0.02		----	5	10184 +	5
MAR21	----	----	1.13 - 0.02		----	----	10659	UNCH
APR21	----	----	1.05 - 0.05		----	10	8234	UNCH
MAY21	----	----	1.05 - 0.05		----	10	8284	UNCH
JUN21	----	----	1.05 - 0.05		----	160	9009 +	160
JUL21	----	----	1.00 - 0.08		----	70	7991 +	60
AUG21	----	----	0.98 - 0.07		----	20	7941 +	10
SEP21	----	----	0.95 - 0.08		----	20	7941 +	10
OCT21	----	----	0.95 - 0.10		----	10	8019 +	10
NOV21	----	----	0.95 - 0.10		----	10	8019 +	10
DEC21	----	----	0.95 - 0.10		----	10	8051 +	10
JAN22	----	----	0.95 UNCH		----	----	1907	UNCH
FEB22	----	----	0.95 UNCH		----	----	1772	UNCH
MAR22	----	----	0.95 UNCH		----	----	1772	UNCH
APR22	----	----	0.95 UNCH		----	----	697	UNCH
MAY22	----	----	0.95 UNCH		----	----	697	UNCH
JUN22	----	----	0.95 UNCH		----	----	697	UNCH
JUL22	----	----	0.95 UNCH		----	----	697	UNCH
AUG22	----	----	0.95 UNCH		----	----	697	UNCH
SEP22	----	----	0.95 UNCH		----	----	697	UNCH
OCT22	----	----	0.95 UNCH		----	----	697	UNCH
NOV22	----	----	0.95 UNCH		----	----	697	UNCH
DEC22	----	----	0.95 UNCH		----	----	697	UNCH
TOTAL HTT FUT						1125	143758 +	235
HCL FUT	WTI HOUSTON CRUDE OIL FUTURES							
DEC20	----	----	43.17 UNCH		----	----	0 -	208





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ENERGY FUTURES PRODUCTS

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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
HCL FUT WTI HOUSTON CRUDE OIL FUTURES								
JAN21	----	----	45.98 + 1.74		49	----	241 +	36
FEB21	----	----	46.18 + 1.77		18	----	21 +	2
MAR21	----	----	46.32 + 1.69		9	----	24 +	6
APR21	----	----	46.42 + 1.62		12	----	7 +	5
MAY21	----	----	46.24 NEW		6	----	2 +	2
JUN21	----	----	46.43 + 1.52		6	----	5 +	1
DEC21	----	----	46.01 + 0.98		----	----	5	UNCH
TOTAL HCL FUT					100		305 -	156
WTT FUT WTI MIDLAND (ARG) VS. WTI TRADE MTH								
DEC20	----	----	0.26 + 0.01		----	----	11237	UNCH
JAN21	----	----	0.63 UNCH		----	----	5343	UNCH
FEB21	----	----	0.58 - 0.02		----	----	5148	UNCH
MAR21	----	----	0.53 - 0.05		----	----	5148	UNCH
APR21	----	----	0.48 - 0.05		----	----	5105	UNCH
MAY21	----	----	0.48 - 0.05		----	----	5105	UNCH
JUN21	----	----	0.48 - 0.05		----	----	5105	UNCH
JUL21	----	----	0.43 - 0.05		----	----	5072	UNCH
AUG21	----	----	0.43 - 0.05		----	----	5260	UNCH
SEP21	----	----	0.43 - 0.05		----	----	5192	UNCH
OCT21	----	----	0.38 - 0.05		----	----	5442	UNCH
NOV21	----	----	0.38 - 0.05		----	----	5442	UNCH
DEC21	----	----	0.38 - 0.05		----	----	5442	UNCH
JAN22	----	----	0.45 UNCH		----	----	742	UNCH
FEB22	----	----	0.45 UNCH		----	----	742	UNCH
MAR22	----	----	0.45 UNCH		----	----	742	UNCH
APR22	----	----	0.45 UNCH		----	----	682	UNCH
MAY22	----	----	0.45 UNCH		----	----	682	UNCH
JUN22	----	----	0.45 UNCH		----	----	682	UNCH
JUL22	----	----	0.45 UNCH		----	----	657	UNCH
AUG22	----	----	0.45 UNCH		----	----	657	UNCH
SEP22	----	----	0.45 UNCH		----	----	657	UNCH
OCT22	----	----	0.45 UNCH		----	----	657	UNCH
NOV22	----	----	0.45 UNCH		----	----	657	UNCH
DEC22	----	----	0.45 UNCH		----	----	657	UNCH
JAN23	----	----	0.43 UNCH		----	----	30	UNCH
FEB23	----	----	0.43 UNCH		----	----	30	UNCH
MAR23	----	----	0.43 UNCH		----	----	30	UNCH
APR23	----	----	0.43 UNCH		----	----	30	UNCH
MAY23	----	----	0.43 UNCH		----	----	30	UNCH
JUN23	----	----	0.43 UNCH		----	----	30	UNCH
JUL23	----	----	0.43 UNCH		----	----	30	UNCH
AUG23	----	----	0.43 UNCH		----	----	30	UNCH
SEP23	----	----	0.43 UNCH		----	----	30	UNCH
OCT23	----	----	0.43 UNCH		----	----	30	UNCH
NOV23	----	----	0.43 UNCH		----	----	30	UNCH
DEC23	----	----	0.43 UNCH		----	----	30	UNCH
TOTAL WTT FUT							82615	
FF FUT WTI MIDLAND(ARGUS) VS WTI FINCL FUT								
NOV20	----	----	0.28 + 0.02		----	----	4501	UNCH
DEC20	----	----	0.59 UNCH		----	----	4506	UNCH
JAN21	----	----	0.54 - 0.03		----	----	3047	UNCH
FEB21	----	----	0.51 - 0.04		----	----	3047	UNCH
MAR21	----	----	0.47 - 0.04		----	----	3047	UNCH
APR21	----	----	0.48 - 0.04		----	----	3077	UNCH
MAY21	----	----	0.47 - 0.04		----	----	3077	UNCH
JUN21	----	----	0.43 - 0.04		----	----	3077	UNCH
JUL21	----	----	0.44 - 0.03		----	----	3117	UNCH
AUG21	----	----	0.43 - 0.04		----	----	3117	UNCH
SEP21	----	----	0.39 - 0.04		----	----	3117	UNCH
OCT21	----	----	0.38 - 0.05		----	----	3077	UNCH
NOV21	----	----	0.40 - 0.03		----	----	3077	UNCH
DEC21	----	----	0.46 + 0.01		----	----	3077	UNCH
JAN22	----	----	0.46 + 0.01		----	----	1591	UNCH
FEB22	----	----	0.46 + 0.01		----	----	1591	UNCH
MAR22	----	----	0.46 + 0.01		----	----	1591	UNCH
APR22	----	----	0.46 + 0.01		----	----	1591	UNCH
MAY22	----	----	0.46 + 0.01		----	----	1591	UNCH
JUN22	----	----	0.46 + 0.01		----	----	1591	UNCH
JUL22	----	----	0.45 UNCH		----	----	1551	UNCH
AUG22	----	----	0.45 UNCH		----	----	1551	UNCH
SEP22	----	----	0.45 UNCH		----	----	1551	UNCH
OCT22	----	----	0.45 + 0.01		----	----	1551	UNCH
NOV22	----	----	0.45 UNCH		----	----	1551	UNCH
DEC22	----	----	0.43 + 0.01		----	----	1551	UNCH
JAN23	----	----	0.43 + 0.01		----	----	125	UNCH
FEB23	----	----	0.43 + 0.01		----	----	125	UNCH
MAR23	----	----	0.43 + 0.01		----	----	125	UNCH
APR23	----	----	0.43 + 0.01		----	----	125	UNCH
MAY23	----	----	0.43 + 0.01		----	----	125	UNCH
JUN23	----	----	0.43 + 0.01		----	----	125	UNCH
JUL23	----	----	0.43 + 0.01		----	----	125	UNCH
AUG23	----	----	0.42 UNCH		----	----	125	UNCH
SEP23	----	----	0.42 UNCH		----	----	125	UNCH
OCT23	----	----	0.42 UNCH		----	----	125	UNCH
NOV23	----	----	0.43 + 0.01		----	----	125	UNCH
DEC23	----	----	0.43 + 0.01		----	----	125	UNCH
TOTAL FF FUT							66313	
BK FUT WTI-BRENT CALENDAR								
NOV20	----	----	-2.69 - 0.05		----	----	11809	UNCH
DEC20	----	----	-2.81 + 0.10		----	958	18177 +	958
JAN21	----	----	-2.62 + 0.06		----	320	7858 -	180
FEB21	----	----	-2.53 + 0.03		----	220	3055 -	50
MAR21	----	----	-2.46 + 0.01		----	220	3135 -	50
APR21	----	----	-2.43 - 0.02		----	20	3488 +	20
MAY21	----	----	-2.40 - 0.04		----	20	2978 +	20
JUN21	----	----	-2.43 - 0.07		----	20	3037 +	20
JUL21	----	----	-2.50 - 0.11		----	120	2648 +	120
AUG21	----	----	-2.55 - 0.15		----	120	2638 +	120
SEP21	----	----	-2.59 - 0.16		----	120	2608 +	120
OCT21	----	----	-2.64 - 0.18		----	120	2862 +	95
NOV21	----	----	-2.68 - 0.20		----	120	2588 +	120
DEC21	----	----	-2.75 - 0.20		----	120	2668 +	120
JAN22	----	----	-2.86 - 0.22		----	15	1713	UNCH
FEB22	----	----	-2.93 - 0.22		----	15	1653	UNCH

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FINAL

PG61 BULLETIN #228@

ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	WTI-BRENT CALENDAR							
BK FUT		WTI-BRENT CALENDAR	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
MAR22	----	----	-3.02 - 0.23		----	15	966	UNCH
APR22	----	----	-3.08 - 0.21		----	15	966	UNCH
MAY22	----	----	-3.15 - 0.21		----	15	966	UNCH
JUN22	----	----	-3.22 - 0.20		----	15	1016	UNCH
JUL22	----	----	-3.28 - 0.20		----	15	966	UNCH
AUG22	----	----	-3.32 - 0.20		----	15	966	UNCH
SEP22	----	----	-3.35 - 0.19		----	15	966	UNCH
OCT22	----	----	-3.37 - 0.18		----	15	966	UNCH
NOV22	----	----	-3.36 - 0.15		----	15	966	UNCH
DEC22	----	----	-3.43 - 0.15		----	15	966	UNCH
JAN23	----	----	-3.51 - 0.15		----	----	80	UNCH
FEB23	----	----	-3.59 - 0.13		----	----	80	UNCH
MAR23	----	----	-3.67 - 0.14		----	----	80	UNCH
APR23	----	----	-3.74 - 0.14		----	----	80	UNCH
MAY23	----	----	-3.78 - 0.14		----	----	80	UNCH
JUN23	----	----	-3.83 - 0.15		----	----	80	UNCH
JUL23	----	----	-3.87 - 0.16		----	----	80	UNCH
AUG23	----	----	-3.90 - 0.16		----	----	80	UNCH
SEP23	----	----	-3.90 - 0.15		----	----	80	UNCH
OCT23	----	----	-3.91 - 0.14		----	----	80	UNCH
NOV23	----	----	-3.94 - 0.12		----	----	80	UNCH
DEC23	----	----	-4.00 - 0.11		----	----	80	UNCH
JAN24	----	----	-4.06 - 0.12		----	----	30	UNCH
FEB24	----	----	-4.12 - 0.12		----	----	30	UNCH
MAR24	----	----	-4.18 - 0.13		----	----	30	UNCH
APR24	----	----	-4.23 - 0.12		----	----	30	UNCH
MAY24	----	----	-4.29 - 0.12		----	----	30	UNCH
JUN24	----	----	-4.32 - 0.10		----	----	30	UNCH
JUL24	----	----	-4.30 - 0.10		----	----	30	UNCH
AUG24	----	----	-4.33 - 0.10		----	----	30	UNCH
SEP24	----	----	-4.31 - 0.10		----	----	30	UNCH
OCT24	----	----	-4.32 - 0.11		----	----	30	UNCH
NOV24	----	----	-4.37 - 0.13		----	----	30	UNCH
DEC24	----	----	-4.44 - 0.13		----	----	30	UNCH
JAN25	----	----	-4.47 - 0.13		----	----	10	UNCH
FEB25	----	----	-4.50 - 0.13		----	----	10	UNCH
MAR25	----	----	-4.50 - 0.12		----	----	10	UNCH
APR25	----	----	-4.52 - 0.13		----	----	10	UNCH
MAY25	----	----	-4.52 - 0.12		----	----	10	UNCH
JUN25	----	----	-4.54 - 0.12		----	----	10	UNCH
JUL25	----	----	-4.52 - 0.11		----	----	10	UNCH
AUG25	----	----	-4.54 - 0.09		----	----	10	UNCH
SEP25	----	----	-4.54 - 0.09		----	----	10	UNCH
OCT25	----	----	-4.54 - 0.09		----	----	10	UNCH
NOV25	----	----	-4.57 - 0.10		----	----	10	UNCH
DEC25	----	----	-4.62 - 0.10		----	----	10	UNCH
TOTAL BK FUT						2678	84065 +	1433
WTL FUT	WTL MIDLAND (ARGUS) VS. WTI TRADE M							
DEC20	----	----	-0.10 UNCH		----	----	50	UNCH
TOTAL WTL FUT							50	
FH FUT	WTS (ARGUS) VS WTI TRD MTH							
DEC20	----	----	0.31 + 0.01		----	----	487	UNCH
JAN21	----	----	0.35 + 0.05		----	6	537 +	6
FEB21	----	----	0.30 + 0.05		----	6	537 +	6
MAR21	----	----	0.25 + 0.02		----	6	537 +	6
APR21	----	----	0.18 - 0.02		----	6	525 +	6
MAY21	----	----	0.13 - 0.07		----	6	525 +	6
JUN21	----	----	0.10 - 0.10		----	6	525 +	6
JUL21	----	----	0.08 - 0.07		----	6	460 +	6
AUG21	----	----	0.05 - 0.10		----	6	460 +	6
SEP21	----	----	0.03 - 0.12		----	6	460 +	6
OCT21	----	----	-0.03 - 0.13		----	6	458 +	6
NOV21	----	----	-0.10 - 0.12		----	6	458 +	6
DEC21	----	----	-0.10 - 0.12		----	6	458 +	6
JAN22	----	----	0.00 UNCH		----	----	330	UNCH
FEB22	----	----	0.00 UNCH		----	----	330	UNCH
MAR22	----	----	0.00 UNCH		----	----	330	UNCH
APR22	----	----	0.00 UNCH		----	----	330	UNCH
MAY22	----	----	0.00 UNCH		----	----	330	UNCH
JUN22	----	----	0.00 UNCH		----	----	330	UNCH
JUL22	----	----	0.00 UNCH		----	----	330	UNCH
AUG22	----	----	0.00 UNCH		----	----	330	UNCH
SEP22	----	----	0.00 UNCH		----	----	330	UNCH
OCT22	----	----	0.00 UNCH		----	----	330	UNCH
NOV22	----	----	0.00 UNCH		----	----	330	UNCH
DEC22	----	----	0.00 UNCH		----	----	330	UNCH
TOTAL FH FUT						72	10387 +	72

NATURAL GAS FUTURES PRODUCTS

	COLUMB GULF MAINLINE NG BASIS							
5Z FUT		COLUMB GULF MAINLINE NG BASIS	SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
DEC20	----	----	-0.3180 + 0.0100		----	----	22	UNCH
TOTAL 5Z FUT							22	
PG FUT	DOMINION TRANSMISSION INC -APPALAC							
DEC20	----	----	-1.2730 - 0.0110		----	----	186	UNCH
APR21	----	----	-0.6060 - 0.0050		----	----	18	UNCH
MAY21	----	----	-0.6520 - 0.0150		----	----	18	UNCH
JUN21	----	----	-0.6400 - 0.0100		----	----	18	UNCH
JUL21	----	----	-0.6250 - 0.0040		----	----	18	UNCH
AUG21	----	----	-0.6660 + 0.0030		----	----	18	UNCH
SEP21	----	----	-0.8420 + 0.0020		----	----	18	UNCH
OCT21	----	----	-0.8390 - 0.0020		----	----	18	UNCH
TOTAL PG FUT							312	
TTF FUT	DUTCH TTF NATURAL GAS CAL MONTH FUT							

	GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TTF FUT	DUTCH TTF NATURAL GAS CAL MONTH FUT							
DEC20	13.450	13.920B/13.340	13.900	+	0.365	200	100	5499 - 85
JAN21	13.820	14.100B/13.550	14.090	+	0.370	65	----	2650 + 23
FEB21	----	----	14.160	+	0.380	35	----	2796 + 13
MAR21	----	----	13.925	+	0.355	30	----	2674 + 8
APR21	----	----	13.155	+	0.275	16	----	2311 - 2
MAY21	----	----	12.815	+	0.245	16	----	2311 - 2
JUN21	----	----	12.590	+	0.280	16	----	2311 - 2
JUL21	----	----	12.610	+	0.300	11	----	2238 - 2
AUG21	----	----	12.620	+	0.290	11	----	2238 - 2
SEP21	----	----	12.945	+	0.255	11	----	2238 - 2
OCT21	----	----	13.430	+	0.225	9	----	537 - 2
NOV21	----	----	14.855	+	0.220	9	----	537 - 2
DEC21	----	----	15.140	+	0.220	9	----	537 - 2
JAN22	----	----	15.260	+	0.205	----	----	282 UNCH
FEB22	----	----	15.270	+	0.205	----	----	282 UNCH
MAR22	----	----	14.970	+	0.205	----	----	282 UNCH
APR22	----	----	14.080	+	0.195	----	----	48 UNCH
MAY22	----	----	13.605	+	0.190	----	----	48 UNCH
JUN22	----	----	13.355	+	0.185	----	----	48 UNCH
JUL22	----	----	13.480	+	0.185	----	----	48 UNCH
AUG22	----	----	13.435	+	0.185	----	----	48 UNCH
SEP22	----	----	13.350	+	0.165	----	----	48 UNCH
OCT22	----	----	14.650	+	0.150	----	----	43 UNCH
NOV22	----	----	14.925	+	0.130	----	----	43 UNCH
DEC22	----	----	15.460	+	0.100	----	----	43 UNCH
JAN23	----	----	15.600	+	0.150	----	----	5 UNCH
FEB23	----	----	15.750	+	0.130	----	----	5 UNCH
MAR23	----	----	15.595	+	0.130	----	----	5 UNCH
TOTAL TTF FUT					438	100		30155 - 59
NN FUT	HENRY HUB							
DEC20	----	----	2.775	+	0.064	----	----	30449 UNCH
JAN21	----	----	2.900	+	0.077	----	----	25584 UNCH
FEB21	----	----	2.877	+	0.071	----	----	27853 UNCH
MAR21	----	----	2.809	+	0.058	----	----	29494 UNCH
APR21	----	----	2.691	+	0.054	----	----	24248 UNCH
MAY21	----	----	2.678	+	0.050	----	----	24555 UNCH
JUN21	----	----	2.717	+	0.046	----	----	23993 UNCH
JUL21	----	----	2.772	+	0.045	----	----	24938 UNCH
AUG21	----	----	2.794	+	0.045	----	----	24871 UNCH
SEP21	----	----	2.789	+	0.044	----	----	23832 UNCH
OCT21	----	----	2.820	+	0.045	----	----	24815 UNCH
NOV21	----	----	2.894	+	0.047	----	----	22843 UNCH
DEC21	----	----	3.037	+	0.050	----	----	23482 UNCH
JAN22	----	----	3.140	+	0.050	----	----	15955 UNCH
FEB22	----	----	3.075	+	0.048	----	----	14638 UNCH
MAR22	----	----	2.913	+	0.038	----	----	15882 UNCH
APR22	----	----	2.525	+	0.025	----	----	12303 UNCH
MAY22	----	----	2.469	+	0.017	----	----	12684 UNCH
JUN22	----	----	2.498	+	0.013	----	----	12295 UNCH
JUL22	----	----	2.535	+	0.009	----	----	12642 UNCH
AUG22	----	----	2.546	+	0.008	----	----	12630 UNCH
SEP22	----	----	2.537	+	0.007	----	----	12509 UNCH
OCT22	----	----	2.564	+	0.006	----	----	12225 UNCH
NOV22	----	----	2.652	+	0.006	----	----	12262 UNCH
DEC22	----	----	2.845	+	0.005	----	----	12350 UNCH
JAN23	----	----	2.950	+	0.002	----	----	8570 UNCH
FEB23	----	----	2.881	+	0.002	----	----	7665 UNCH
MAR23	----	----	2.704	+	0.002	----	----	8434 UNCH
APR23	----	----	2.369	+	0.002	----	----	6139 UNCH
MAY23	----	----	2.314	+	0.002	----	----	6337 UNCH
JUN23	----	----	2.344	+	0.002	----	----	6113 UNCH
JUL23	----	----	2.381	+	0.002	----	----	6565 UNCH
AUG23	----	----	2.392	+	0.002	----	----	6570 UNCH
SEP23	----	----	2.381	+	0.002	----	----	6360 UNCH
OCT23	----	----	2.410	+	0.002	----	----	6570 UNCH
NOV23	----	----	2.527	+	0.002	----	----	5570 UNCH
DEC23	----	----	2.760	+	0.002	----	----	5719 UNCH
JAN24	----	----	2.878	+	0.002	----	----	4017 UNCH
FEB24	----	----	2.829	+	0.002	----	----	3777 UNCH
MAR24	----	----	2.685	+	0.002	----	----	4018 UNCH
APR24	----	----	2.335	+	0.002	----	----	3531 UNCH
MAY24	----	----	2.302	+	0.002	----	----	3646 UNCH
JUN24	----	----	2.339	+	0.002	----	----	3533 UNCH
JUL24	----	----	2.383	+	0.002	----	----	3597 UNCH
AUG24	----	----	2.391	+	0.002	----	----	3602 UNCH
SEP24	----	----	2.389	+	0.002	----	----	3494 UNCH
OCT24	----	----	2.422	+	0.002	----	----	3602 UNCH
NOV24	----	----	2.540	+	0.002	----	----	3917 UNCH
DEC24	----	----	2.767	+	0.002	----	----	4036 UNCH
JAN25	----	----	2.882	+	0.002	----	----	2488 UNCH
FEB25	----	----	2.835	+	0.002	----	----	2245 UNCH
MAR25	----	----	2.691	+	0.002	----	----	2488 UNCH
APR25	----	----	2.361	+	0.002	----	----	2178 UNCH
MAY25	----	----	2.335	+	0.002	----	----	2341 UNCH
JUN25	----	----	2.369	+	0.002	----	----	2302 UNCH
JUL25	----	----	2.407	+	0.002	----	----	2361 UNCH
AUG25	----	----	2.412	+	0.002	----	----	2353 UNCH
SEP25	----	----	2.404	+	0.002	----	----	2274 UNCH
OCT25	----	----	2.431	+	0.002	----	----	2233 UNCH
NOV25	----	----	2.531	+	0.002	----	----	2254 UNCH
DEC25	----	----	2.751	+	0.002	----	----	2425 UNCH
JAN26	----	----	2.871	+	0.002	----	----	1085 UNCH
FEB26	----	----	2.824	+	0.002	----	----	995 UNCH
MAR26	----	----	2.684	+	0.002	----	----	1085 UNCH
APR26	----	----	2.354	+	0.002	----	----	830 UNCH
MAY26	----	----	2.329	+	0.002	----	----	855 UNCH
JUN26	----	----	2.364	+	0.002	----	----	830 UNCH
JUL26	----	----	2.396	+	0.002	----	----	855 UNCH
AUG26	----	----	2.401	+	0.002	----	----	855 UNCH
SEP26	----	----	2.395	+	0.002	----	----	830 UNCH
OCT26	----	----	2.426	+	0.002	----	----	1339 UNCH
NOV26	----	----	2.526	+	0.002	----	----	1213 UNCH
DEC26	----	----	2.744	+	0.002	----	----	1250 UNCH
JAN27	----	----	2.875	+	0.002	----	----	1291 UNCH
FEB27	----	----	2.835	+	0.002	----	----	1168 UNCH
MAR27	----	----	2.700	+	0.002	----	----	1291 UNCH

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FINAL

PG61 BULLETIN #228@

ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE		GLOBAL® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
NN FUT	HENRY HUB								
APR27	----	----	2.365	+	0.002	----	----	1250	UNCH
MAY27	----	----	2.345	+	0.002	----	----	1477	UNCH
JUN27	----	----	2.380	+	0.002	----	----	1430	UNCH
JUL27	----	----	2.414	+	0.002	----	----	1477	UNCH
AUG27	----	----	2.420	+	0.002	----	----	1477	UNCH
SEP27	----	----	2.424	+	0.002	----	----	1430	UNCH
OCT27	----	----	2.460	+	0.002	----	----	1477	UNCH
NOV27	----	----	2.558	+	0.002	----	----	1430	UNCH
DEC27	----	----	2.760	+	0.002	----	----	1477	UNCH
JAN28	----	----	2.886	+	0.002	----	----	1024	UNCH
FEB28	----	----	2.846	+	0.002	----	----	980	UNCH
MAR28	----	----	2.716	+	0.002	----	----	1024	UNCH
APR28	----	----	2.381	+	0.002	----	----	1002	UNCH
MAY28	----	----	2.361	+	0.002	----	----	1024	UNCH
JUN28	----	----	2.401	+	0.002	----	----	1002	UNCH
JUL28	----	----	2.443	+	0.002	----	----	1024	UNCH
AUG28	----	----	2.458	+	0.002	----	----	1024	UNCH
SEP28	----	----	2.470	+	0.002	----	----	1002	UNCH
OCT28	----	----	2.506	+	0.002	----	----	1024	UNCH
NOV28	----	----	2.611	+	0.002	----	----	1002	UNCH
DEC28	----	----	2.821	+	0.002	----	----	1024	UNCH
JAN29	----	----	2.941	+	0.002	----	----	590	UNCH
FEB29	----	----	2.896	+	0.002	----	----	566	UNCH
MAR29	----	----	2.771	+	0.002	----	----	590	UNCH
APR29	----	----	2.436	+	0.002	----	----	582	UNCH
MAY29	----	----	2.411	+	0.002	----	----	590	UNCH
JUN29	----	----	2.441	+	0.002	----	----	582	UNCH
JUL29	----	----	2.476	+	0.002	----	----	590	UNCH
AUG29	----	----	2.481	+	0.002	----	----	590	UNCH
SEP29	----	----	2.486	+	0.002	----	----	582	UNCH
OCT29	----	----	2.521	+	0.002	----	----	590	UNCH
NOV29	----	----	2.626	+	0.002	----	----	582	UNCH
DEC29	----	----	2.836	+	0.002	----	----	590	UNCH
JAN30	----	----	2.961	+	0.002	----	----	93	UNCH
FEB30	----	----	2.921	+	0.002	----	----	84	UNCH
MAR30	----	----	2.801	+	0.002	----	----	93	UNCH
APR30	----	----	2.471	+	0.002	----	----	90	UNCH
MAY30	----	----	2.449	+	0.002	----	----	93	UNCH
JUN30	----	----	2.484	+	0.002	----	----	90	UNCH
JUL30	----	----	2.524	+	0.002	----	----	93	UNCH
AUG30	----	----	2.564	+	0.002	----	----	93	UNCH
SEP30	----	----	2.579	+	0.002	----	----	90	UNCH
OCT30	----	----	2.625	+	0.002	----	----	93	UNCH
NOV30	----	----	2.697	+	0.002	----	----	90	UNCH
DEC30	----	----	2.852	+	0.002	----	----	93	UNCH
JAN31	----	----	2.982	+	0.002	----	----	496	UNCH
FEB31	----	----	2.942	+	0.002	----	----	448	UNCH
MAR31	----	----	2.837	+	0.002	----	----	496	UNCH
APR31	----	----	2.517	+	0.002	----	----	480	UNCH
MAY31	----	----	2.495	+	0.002	----	----	496	UNCH
JUN31	----	----	2.530	+	0.002	----	----	480	UNCH
JUL31	----	----	2.570	+	0.002	----	----	496	UNCH
AUG31	----	----	2.610	+	0.002	----	----	496	UNCH
SEP31	----	----	2.625	+	0.002	----	----	480	UNCH
OCT31	----	----	2.671	+	0.002	----	----	496	UNCH
NOV31	----	----	2.743	+	0.002	----	----	480	UNCH
DEC31	----	----	2.898	+	0.002	----	----	496	UNCH
TOTAL NN FUT								697468	
HH FUT	HENRY HUB NG LAST DAY FINANCIAL								
DEC20	2.702	2.775 /2.702	2.775	+	0.064	8249	2862	30217	- 1048
JAN21	2.844	2.893 /2.844	2.900	+	0.077	2194	100	37733	+ 13
FEB21	2.783	2.867 /2.783	2.877	+	0.071	383	100	25167	- 97
MAR21	2.755	2.791 /2.755	2.809	+	0.058	349	100	38165	+ 33
APR21	2.652	2.677 /2.652	2.691	+	0.054	450	----	21122	- 192
MAY21	2.667	2.668 /2.660	2.678	+	0.050	299	----	22621	+ 28
JUN21	2.704	2.704 /2.704	2.717	+	0.046	84	----	12543	- 30
JUL21	2.762	2.762 /2.762	2.772	+	0.045	51	----	14046	- 20
AUG21	2.781	2.782 /2.781	2.794	+	0.045	46	----	13646	- 5
SEP21	----	----	2.789	+	0.044	48	----	14387	+ 13
OCT21	2.770	2.805 /2.770	2.820	+	0.045	414	500	22720	+ 670
NOV21	2.881	2.881 /2.865	2.894	+	0.047	196	----	10959	+ 93
DEC21	2.991	3.018 /2.991	3.037	+	0.050	35	----	14303	+ 14
JAN22	3.079	3.122 /3.079	3.140	+	0.050	24	----	6380	+ 5
FEB22	3.050	3.050 /3.050	3.075	+	0.048	64	----	9168	- 23
MAR22	2.882	2.882 /2.882	2.913	+	0.038	10	----	9284	UNCH
APR22	----	----	2.525	+	0.025	25	----	10999	UNCH
MAY22	2.462	2.462 /2.462	2.469	+	0.017	13	----	4689	+ 10
JUN22	----	----	2.498	+	0.013	----	----	3265	UNCH
JUL22	2.532	2.532 /2.532	2.535	+	0.009	2	----	3031	UNCH
AUG22	----	----	2.546	+	0.008	----	----	3259	UNCH
SEP22	2.528	2.528 /2.528	2.537	+	0.007	3	----	3138	UNCH
OCT22	----	----	2.564	+	0.006	20	----	5940	- 20
NOV22	2.655	2.655 /2.655	2.652	+	0.006	12	----	4991	UNCH
DEC22	----	----	2.845	+	0.005	----	----	7247	UNCH
JAN23	----	----	2.950	+	0.002	----	----	2372	UNCH
FEB23	----	----	2.881	+	0.002	----	----	1628	UNCH
MAR23	----	----	2.704	+	0.002	----	----	3047	UNCH
APR23	----	----	2.369	+	0.002	----	----	1613	UNCH
MAY23	----	----	2.314	+	0.002	----	----	1248	UNCH
JUN23	----	----	2.344	+	0.002	----	----	1305	UNCH
JUL23	----	----	2.381	+	0.002	----	----	1344	UNCH
AUG23	----	----	2.392	+	0.002	----	----	1203	UNCH
SEP23	----	----	2.381	+	0.002	----	----	1142	UNCH
OCT23	----	----	2.410	+	0.002	----	----	2087	UNCH
NOV23	----	----	2.527	+	0.002	----	----	1176	UNCH
DEC23	----	----	2.760	+	0.002	----	----	3905	UNCH
JAN24	----	----	2.878	+	0.002	----	----	1222	UNCH
FEB24	----	----	2.829	+	0.002	----	----	703	UNCH
MAR24	----	----	2.685	+	0.002	----	----	3803	UNCH
APR24	----	----	2.335	+	0.002	----	----	1236	UNCH
MAY24	----	----	2.302	+	0.002	----	----	696	UNCH
JUN24	----	----	2.339	+	0.002	----	----	716	UNCH
JUL24	----	----	2.383	+	0.002	----	----	747	UNCH
AUG24	----	----	2.391	+	0.002	----	----	726	UNCH
SEP24	----	----	2.389	+	0.002	----	----	702	UNCH
OCT24	----	----	2.422	+	0.002	----	----	706	UNCH

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HH FUT	GLOBAL OPEN	HENRY HUB NG LAST DAY	FINANCIAL	SETT. & PT.	PRICE CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
NOV24	----	----	----	2.540	+	0.002	----	631	UNCH
DEC24	----	----	----	2.767	+	0.002	----	641	UNCH
JAN25	----	----	----	2.882	+	0.002	----	480	UNCH
FEB25	----	----	----	2.835	+	0.002	----	459	UNCH
MAR25	----	----	----	2.691	+	0.002	----	458	UNCH
APR25	----	----	----	2.361	+	0.002	----	457	UNCH
MAY25	----	----	----	2.335	+	0.002	----	457	UNCH
JUN25	----	----	----	2.369	+	0.002	----	458	UNCH
JUL25	----	----	----	2.407	+	0.002	----	483	UNCH
AUG25	----	----	----	2.412	+	0.002	----	466	UNCH
SEP25	----	----	----	2.404	+	0.002	----	454	UNCH
OCT25	----	----	----	2.431	+	0.002	----	453	UNCH
NOV25	----	----	----	2.531	+	0.002	----	442	UNCH
DEC25	----	----	----	2.751	+	0.002	----	442	UNCH
JAN26	----	----	----	2.871	+	0.002	----	437	UNCH
FEB26	----	----	----	2.824	+	0.002	----	402	UNCH
MAR26	----	----	----	2.684	+	0.002	----	386	UNCH
APR26	----	----	----	2.354	+	0.002	----	387	UNCH
MAY26	----	----	----	2.329	+	0.002	----	407	UNCH
JUN26	----	----	----	2.364	+	0.002	----	425	UNCH
JUL26	----	----	----	2.396	+	0.002	----	439	UNCH
AUG26	----	----	----	2.401	+	0.002	----	426	UNCH
SEP26	----	----	----	2.395	+	0.002	----	417	UNCH
OCT26	----	----	----	2.426	+	0.002	----	386	UNCH
NOV26	----	----	----	2.526	+	0.002	----	387	UNCH
DEC26	----	----	----	2.744	+	0.002	----	407	UNCH
JAN27	----	----	----	2.875	+	0.002	----	371	UNCH
FEB27	----	----	----	2.835	+	0.002	----	349	UNCH
MAR27	----	----	----	2.700	+	0.002	----	342	UNCH
APR27	----	----	----	2.365	+	0.002	----	342	UNCH
MAY27	----	----	----	2.345	+	0.002	----	354	UNCH
JUN27	----	----	----	2.380	+	0.002	----	364	UNCH
JUL27	----	----	----	2.414	+	0.002	----	372	UNCH
AUG27	----	----	----	2.420	+	0.002	----	364	UNCH
SEP27	----	----	----	2.424	+	0.002	----	360	UNCH
OCT27	----	----	----	2.460	+	0.002	----	339	UNCH
NOV27	----	----	----	2.558	+	0.002	----	341	UNCH
DEC27	----	----	----	2.760	+	0.002	----	352	UNCH
JAN28	----	----	----	2.886	+	0.002	----	372	UNCH
FEB28	----	----	----	2.846	+	0.002	----	354	UNCH
MAR28	----	----	----	2.716	+	0.002	----	344	UNCH
APR28	----	----	----	2.381	+	0.002	----	341	UNCH
MAY28	----	----	----	2.361	+	0.002	----	355	UNCH
JUN28	----	----	----	2.401	+	0.002	----	367	UNCH
JUL28	----	----	----	2.443	+	0.002	----	375	UNCH
AUG28	----	----	----	2.458	+	0.002	----	365	UNCH
SEP28	----	----	----	2.470	+	0.002	----	362	UNCH
OCT28	----	----	----	2.506	+	0.002	----	340	UNCH
NOV28	----	----	----	2.611	+	0.002	----	343	UNCH
DEC28	----	----	----	2.821	+	0.002	----	353	UNCH
JAN29	----	----	----	2.941	+	0.002	----	288	UNCH
FEB29	----	----	----	2.896	+	0.002	----	287	UNCH
MAR29	----	----	----	2.771	+	0.002	----	287	UNCH
APR29	----	----	----	2.436	+	0.002	----	286	UNCH
MAY29	----	----	----	2.411	+	0.002	----	286	UNCH
JUN29	----	----	----	2.441	+	0.002	----	285	UNCH
JUL29	----	----	----	2.476	+	0.002	----	285	UNCH
AUG29	----	----	----	2.481	+	0.002	----	284	UNCH
SEP29	----	----	----	2.486	+	0.002	----	284	UNCH
OCT29	----	----	----	2.521	+	0.002	----	283	UNCH
NOV29	----	----	----	2.626	+	0.002	----	280	UNCH
DEC29	----	----	----	2.836	+	0.002	----	155	UNCH
JAN30	----	----	----	2.961	+	0.002	----	136	UNCH
FEB30	----	----	----	2.921	+	0.002	----	136	UNCH
MAR30	----	----	----	2.801	+	0.002	----	136	UNCH
APR30	----	----	----	2.471	+	0.002	----	136	UNCH
MAY30	----	----	----	2.449	+	0.002	----	136	UNCH
JUN30	----	----	----	2.484	+	0.002	----	27	UNCH
JUL30	----	----	----	2.524	+	0.002	----	27	UNCH
AUG30	----	----	----	2.564	+	0.002	----	27	UNCH
SEP30	----	----	----	2.579	+	0.002	----	27	UNCH
OCT30	----	----	----	2.625	+	0.002	----	27	UNCH
NOV30	----	----	----	2.697	+	0.002	----	27	UNCH
DEC30	----	----	----	2.852	+	0.002	----	27	UNCH
TOTAL HH FUT						12971	3662	406714	- 556
NPG FUT			HENRY HUB PENULTIMATE FUT						
DEC20	----	----	----	2.775	+	0.064	----	9507	UNCH
JAN21	----	----	----	2.900	+	0.077	----	12623	- 156
FEB21	----	----	----	2.877	+	0.071	----	6192	UNCH
MAR21	----	----	----	2.809	+	0.058	----	7544	UNCH
APR21	----	----	----	2.691	+	0.054	327	12919	+ 270
MAY21	----	----	----	2.678	+	0.050	327	10588	- 35
JUN21	----	----	----	2.717	+	0.046	327	10529	- 35
JUL21	----	----	----	2.772	+	0.045	327	10967	- 31
AUG21	----	----	----	2.794	+	0.045	327	11041	- 31
SEP21	----	----	----	2.789	+	0.044	327	11006	- 9
OCT21	----	----	----	2.820	+	0.045	503	10937	- 31
NOV21	----	----	----	2.894	+	0.047	322	7257	- 183
DEC21	----	----	----	3.037	+	0.050	110	5959	+ 33
JAN22	----	----	----	3.140	+	0.050	110	4807	- 17
FEB22	----	----	----	3.075	+	0.048	110	4502	+ 33
MAR22	----	----	----	2.913	+	0.038	110	5747	+ 88
APR22	----	----	----	2.525	+	0.025	----	3530	UNCH
MAY22	----	----	----	2.469	+	0.017	----	3532	UNCH
JUN22	----	----	----	2.498	+	0.013	----	3530	UNCH
JUL22	----	----	----	2.535	+	0.009	----	3532	UNCH
AUG22	----	----	----	2.546	+	0.008	----	3532	UNCH
SEP22	----	----	----	2.537	+	0.007	----	3530	UNCH
OCT22	----	----	----	2.564	+	0.006	----	3532	UNCH
NOV22	----	----	----	2.652	+	0.006	----	3736	UNCH
DEC22	----	----	----	2.845	+	0.005	----	3490	UNCH
JAN23	----	----	----	2.950	+	0.002	----	2165	UNCH
FEB23	----	----	----	2.881	+	0.002	----	2159	UNCH
MAR23	----	----	----	2.704	+	0.002	----	2165	UNCH
APR23	----	----	----	2.369	+	0.002	----	2618	UNCH
MAY23	----	----	----	2.314	+	0.002	----	2616	UNCH

	GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
NPG FUT HENRY HUB PENULTIMATE FUT									
JUN23	----	----	2.344	+	0.002	----	2618	UNCH	
JUL23	----	----	2.381	+	0.002	----	2616	UNCH	
AUG23	----	----	2.392	+	0.002	----	2616	UNCH	
SEP23	----	----	2.381	+	0.002	----	2618	UNCH	
OCT23	----	----	2.410	+	0.002	----	2616	UNCH	
NOV23	----	----	2.527	+	0.002	----	2665	UNCH	
DEC23	----	----	2.760	+	0.002	----	2665	UNCH	
JAN24	----	----	2.878	+	0.002	----	1635	UNCH	
FEB24	----	----	2.829	+	0.002	----	1635	UNCH	
MAR24	----	----	2.685	+	0.002	----	1635	UNCH	
APR24	----	----	2.335	+	0.002	----	1418	UNCH	
MAY24	----	----	2.302	+	0.002	----	1416	UNCH	
JUN24	----	----	2.339	+	0.002	----	1418	UNCH	
JUL24	----	----	2.383	+	0.002	----	1416	UNCH	
AUG24	----	----	2.391	+	0.002	----	1416	UNCH	
SEP24	----	----	2.389	+	0.002	----	1418	UNCH	
OCT24	----	----	2.422	+	0.002	----	1416	UNCH	
NOV24	----	----	2.540	+	0.002	----	1418	UNCH	
DEC24	----	----	2.767	+	0.002	----	1416	UNCH	
JAN25	----	----	2.882	+	0.002	----	396	UNCH	
FEB25	----	----	2.835	+	0.002	----	396	UNCH	
MAR25	----	----	2.691	+	0.002	----	396	UNCH	
APR25	----	----	2.361	+	0.002	----	396	UNCH	
MAY25	----	----	2.335	+	0.002	----	396	UNCH	
JUN25	----	----	2.369	+	0.002	----	396	UNCH	
JUL25	----	----	2.407	+	0.002	----	396	UNCH	
AUG25	----	----	2.412	+	0.002	----	396	UNCH	
SEP25	----	----	2.404	+	0.002	----	396	UNCH	
OCT25	----	----	2.431	+	0.002	----	396	UNCH	
NOV25	----	----	2.531	+	0.002	----	396	UNCH	
DEC25	----	----	2.751	+	0.002	----	396	UNCH	
JAN26	----	----	2.871	+	0.002	----	464	UNCH	
FEB26	----	----	2.824	+	0.002	----	464	UNCH	
MAR26	----	----	2.684	+	0.002	----	464	UNCH	
APR26	----	----	2.354	+	0.002	----	464	UNCH	
MAY26	----	----	2.329	+	0.002	----	464	UNCH	
JUN26	----	----	2.364	+	0.002	----	464	UNCH	
JUL26	----	----	2.396	+	0.002	----	464	UNCH	
AUG26	----	----	2.401	+	0.002	----	464	UNCH	
SEP26	----	----	2.395	+	0.002	----	464	UNCH	
OCT26	----	----	2.426	+	0.002	----	464	UNCH	
NOV26	----	----	2.526	+	0.002	----	464	UNCH	
DEC26	----	----	2.744	+	0.002	----	464	UNCH	
TOTAL	NPG FUT						3461	232183	- 104
NHN FUT HOUSTON SHIP CHANNEL BASIS									
DEC20	----	----	-0.0630	-	0.0050	----	403	UNCH	
JAN21	----	----	-0.0520	-	0.0060	----	155	UNCH	
FEB21	----	----	-0.0620	-	0.0010	----	140	UNCH	
MAR21	----	----	-0.0780	-	0.0010	----	155	UNCH	
APR21	----	----	-0.0620	-	0.0010	----	150	UNCH	
MAY21	----	----	-0.0530		UNCH	----	155	UNCH	
JUN21	----	----	-0.0490	+	0.0010	----	150	UNCH	
JUL21	----	----	-0.0340	+	0.0020	----	155	UNCH	
AUG21	----	----	-0.0300	+	0.0020	----	155	UNCH	
SEP21	----	----	-0.0600		UNCH	----	150	UNCH	
OCT21	----	----	-0.0870	-	0.0010	----	155	UNCH	
NOV21	----	----	-0.0690		UNCH	----	150	UNCH	
DEC21	----	----	-0.0740		UNCH	----	155	UNCH	
TOTAL	NHN FUT							2228	
JKM FUT LNG JAPAN KOREA MARKER PLATTS									
JAN21	----	----	6.745	+	0.195	----	840	UNCH	
FEB21	----	----	6.300	+	0.175	----	1065	UNCH	
MAR21	----	----	5.690	+	0.165	----	635	UNCH	
APR21	----	----	4.990	+	0.125	----	435	UNCH	
MAY21	----	----	4.775	+	0.100	----	375	UNCH	
JUN21	----	----	4.760	+	0.085	----	435	UNCH	
JUL21	----	----	4.760	+	0.060	----	335	UNCH	
AUG21	----	----	4.860	+	0.060	----	335	UNCH	
SEP21	----	----	4.970	+	0.070	----	335	UNCH	
OCT21	----	----	5.170	+	0.070	----	135	UNCH	
NOV21	----	----	5.600	+	0.075	----	135	UNCH	
DEC21	----	----	5.880	+	0.080	----	135	UNCH	
JAN22	----	----	6.100	+	0.075	----	98	UNCH	
FEB22	----	----	6.125	+	0.075	----	98	UNCH	
MAR22	----	----	5.925	+	0.075	----	98	UNCH	
APR22	----	----	5.290	+	0.075	----	158	UNCH	
MAY22	----	----	5.060	+	0.050	----	158	UNCH	
JUN22	----	----	5.060	+	0.050	----	158	UNCH	
JUL22	----	----	5.010	+	0.050	----	158	UNCH	
AUG22	----	----	5.115	+	0.055	----	158	UNCH	
SEP22	----	----	5.240	+	0.055	----	158	UNCH	
OCT22	----	----	5.365	+	0.050	----	161	UNCH	
NOV22	----	----	5.720	+	0.050	----	161	UNCH	
DEC22	----	----	6.225	+	0.045	----	161	UNCH	
JAN23	----	----	6.290	+	0.060	----	30	UNCH	
FEB23	----	----	6.240	+	0.060	----	30	UNCH	
MAR23	----	----	5.960	+	0.060	----	30	UNCH	
APR23	----	----	5.355	-	0.020	----	30	UNCH	
MAY23	----	----	5.125	-	0.025	----	30	UNCH	
JUN23	----	----	4.875	-	0.020	----	30	UNCH	
JUL23	----	----	4.875	-	0.020	----	30	UNCH	
AUG23	----	----	4.975	-	0.025	----	30	UNCH	
SEP23	----	----	5.100	-	0.025	----	30	UNCH	
OCT23	----	----	5.280	-	0.020	----	30	UNCH	
NOV23	----	----	5.735	-	0.015	----	30	UNCH	
DEC23	----	----	6.190	-	0.015	----	30	UNCH	
TOTAL	JKM FUT							7280	
NL FUT NGPL MID-CONTINENT									
DEC20	----	----	-0.2820	+	0.0010	----	320	UNCH	
TOTAL	NL FUT							320	
NR FUT NORTHWEST ROCKIES BASIS FUTURE									
DEC20	----	----	0.1760	-	0.0180	----	62	UNCH	





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TOTAL	NR FUT	GLOBALX OPEN	GLOBALX HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBALX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST
							62
NYMEX NATURAL GAS FUTURES							
HP FUT							
DEC20		2.770	2.778B/2.749	2.775 + 0.064	4927	839	21743 + 1025
JAN21		----	----	2.900 + 0.077	129	562	14217 + 125
FEB21		----	----	2.877 + 0.071	123	189	7501 + 125
MAR21		2.810	2.810 /2.810	2.809 + 0.058	36	323	12170 + 54
APR21		2.686	2.686 /2.686	2.691 + 0.054	16	62	9226 + 16
MAY21		2.673	2.673 /2.673	2.678 + 0.050	4	62	5353 + 16
JUN21		----	----	2.717 + 0.046	----	62	7150 + 6
JUL21		----	----	2.772 + 0.045	----	62	5272 + 14
AUG21		----	2.776B	2.794 + 0.045	----	62	7667 - 2
SEP21		----	2.790B/2.742A	2.789 + 0.044	----	62	5089 + 14
OCT21		----	2.800B	2.820 + 0.045	----	73	7838 + 14
NOV21		----	2.874B	2.894 + 0.047	----	60	4195 - 20
DEC21		----	----	3.037 + 0.050	----	54	2935 + 27
JAN22		----	----	3.140 + 0.050	----	12	2445 - 6
FEB22		----	----	3.075 + 0.048	----	42	1700 - 30
MAR22		----	----	2.913 + 0.038	----	12	4088 - 12
APR22		----	----	2.525 + 0.025	----	12	1821 - 12
MAY22		----	----	2.469 + 0.017	----	12	1366 - 12
JUN22		----	----	2.498 + 0.013	----	12	1291 - 12
JUL22		----	----	2.535 + 0.009	----	12	1294 - 12
AUG22		----	----	2.546 + 0.008	----	12	1294 - 12
SEP22		----	----	2.537 + 0.007	----	12	1294 - 12
OCT22		----	----	2.564 + 0.006	----	12	1294 - 12
NOV22		----	----	2.652 + 0.006	----	144	1384 + 7
DEC22		----	----	2.845 + 0.005	----	144	1384 + 7
JAN23		----	----	2.950 + 0.002	----	132	1293 - 132
FEB23		----	----	2.881 + 0.002	----	132	1334 + 90
MAR23		----	----	2.704 + 0.002	----	132	1634 + 110
APR23		----	----	2.369 + 0.002	----	----	1215 UNCH
MAY23		----	----	2.314 + 0.002	----	----	1215 UNCH
JUN23		----	----	2.344 + 0.002	----	----	1215 UNCH
JUL23		----	----	2.381 + 0.002	----	----	1215 UNCH
AUG23		----	----	2.392 + 0.002	----	----	1215 UNCH
SEP23		----	----	2.381 + 0.002	----	----	1215 UNCH
OCT23		----	----	2.410 + 0.002	----	----	1215 UNCH
NOV23		----	----	2.527 + 0.002	----	----	1186 UNCH
DEC23		----	----	2.760 + 0.002	----	----	1186 UNCH
JAN24		----	----	2.878 + 0.002	----	----	460 UNCH
FEB24		----	----	2.829 + 0.002	----	----	460 UNCH
MAR24		----	----	2.685 + 0.002	----	----	460 UNCH
APR24		----	----	2.335 + 0.002	----	----	325 UNCH
MAY24		----	----	2.302 + 0.002	----	----	325 UNCH
JUN24		----	----	2.339 + 0.002	----	----	325 UNCH
JUL24		----	----	2.383 + 0.002	----	----	325 UNCH
AUG24		----	----	2.391 + 0.002	----	----	325 UNCH
SEP24		----	----	2.389 + 0.002	----	----	325 UNCH
OCT24		----	----	2.422 + 0.002	----	----	325 UNCH
NOV24		----	----	2.540 + 0.002	----	----	276 UNCH
DEC24		----	----	2.767 + 0.002	----	----	276 UNCH
JAN25		----	----	2.882 + 0.002	----	----	164 UNCH
FEB25		----	----	2.835 + 0.002	----	----	164 UNCH
MAR25		----	----	2.691 + 0.002	----	----	164 UNCH
APR25		----	----	2.361 + 0.002	----	----	164 UNCH
MAY25		----	----	2.335 + 0.002	----	----	164 UNCH
JUN25		----	----	2.369 + 0.002	----	----	164 UNCH
JUL25		----	----	2.407 + 0.002	----	----	164 UNCH
AUG25		----	----	2.412 + 0.002	----	----	164 UNCH
SEP25		----	----	2.404 + 0.002	----	----	164 UNCH
OCT25		----	----	2.431 + 0.002	----	----	164 UNCH
NOV25		----	----	2.531 + 0.002	----	----	164 UNCH
DEC25		----	----	2.751 + 0.002	----	----	164 UNCH
TOTAL	HP FUT				5235	3306	152324 + 1364
PANHANDLE BASIS FUTURE							
PH FUT							
DEC20		----	----	-0.2930 + 0.0040	----	----	30 UNCH
APR21		----	----	-0.3090 UNCH	----	----	38 UNCH
MAY21		----	----	-0.3090 - 0.0030	----	----	39 UNCH
JUN21		----	----	-0.3060 - 0.0010	----	----	38 UNCH
JUL21		----	----	-0.3060 - 0.0090	----	----	39 UNCH
AUG21		----	----	-0.2840 + 0.0230	----	----	39 UNCH
SEP21		----	----	-0.3320 - 0.0020	----	----	38 UNCH
OCT21		----	----	-0.3520 - 0.0030	----	----	39 UNCH
TOTAL	PH FUT						300
PERMIAN BASIS							
PM FUT							
DEC20		----	----	-0.4520 - 0.0390	----	----	279 UNCH
TOTAL	PM FUT						279
TEXAS EASTERN ZONE M-3 BASIS							
NX FUT							
DEC20		----	----	-0.5260 + 0.0230	----	----	279 UNCH
JAN21		----	----	0.9440 + 0.0080	----	----	217 UNCH
FEB21		----	----	0.9380 + 0.0090	----	----	196 UNCH
MAR21		----	----	-0.0220 + 0.0080	----	----	217 UNCH
TOTAL	NX FUT						909
TRANSCO ZONE4 BASIS							
TR FUT							
DEC20		----	----	-0.0650 + 0.0070	----	----	125 UNCH
TOTAL	TR FUT						125
UK NBP NAT GAS CAL MTH FUT							
UKG FUT							
DEC20		37.900	39.150B/37.555	39.040 + 1.070	80	----	285 + 10
JAN21		----	----	40.060 + 1.140	20	----	50 - 10
FEB21		----	----	40.210 + 1.060	20	----	50 - 10
MAR21		----	----	37.770 + 0.990	20	----	50 - 10
TOTAL	UKG FUT				140		435 - 20
UK NBP NATURAL GAS FRONT MTH FUT							
NBP FUT							
DEC20		----	----	5.215 + 0.166	----	----	25 UNCH
TOTAL	NBP FUT						25
WAHA BASIS							
NW FUT							
DEC20		----	----	-0.4770 - 0.0450	----	----	31 UNCH
TOTAL	NW FUT						31

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PETROLEUM FUTURES PRODUCTS

	BOB FUT	3.5% FUEL OIL (PLATTS)	FOB RDA	SETTL. PRICE & PT. CHGE	GLOBEX VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
	NOV20	----	----	-3.928 - 0.150	----	----	214	UNCH
	DEC20	----	----	-5.164 - 0.518	----	----	209	UNCH
	JAN21	----	----	-5.208 - 0.484	----	----	29	UNCH
	FEB21	----	----	-5.298 - 0.441	----	----	29	UNCH
	MAR21	----	----	-5.425 - 0.373	----	----	29	UNCH
	APR21	----	----	-5.588 - 0.320	----	----	24	UNCH
	MAY21	----	----	-5.747 - 0.277	----	----	24	UNCH
	JUN21	----	----	-5.979 - 0.273	----	----	24	UNCH
	JUL21	----	----	-6.252 - 0.250	----	----	24	UNCH
	AUG21	----	----	-6.516 - 0.253	----	----	24	UNCH
	SEP21	----	----	-6.779 - 0.239	----	----	24	UNCH
	OCT21	----	----	-7.069 - 0.233	----	----	24	UNCH
	NOV21	----	----	-7.336 - 0.204	----	----	24	UNCH
	DEC21	----	----	-7.573 - 0.172	----	----	24	UNCH
	JAN22	----	----	-7.605 - 0.180	----	----	2	UNCH
	FEB22	----	----	-7.652 - 0.262	----	----	2	UNCH
	MAR22	----	----	-7.672 - 0.282	----	----	2	UNCH
	APR22	----	----	-7.692 - 0.261	----	----	2	UNCH
	MAY22	----	----	-7.712 - 0.251	----	----	2	UNCH
	JUN22	----	----	-7.732 - 0.240	----	----	2	UNCH
	JUL22	----	----	-7.711 - 0.200	----	----	2	UNCH
	AUG22	----	----	-7.683 - 0.160	----	----	2	UNCH
	SEP22	----	----	-7.664 - 0.120	----	----	2	UNCH
	OCT22	----	----	-7.643 - 0.080	----	----	2	UNCH
	NOV22	----	----	-7.595 - 0.020	----	----	2	UNCH
	DEC22	----	----	-7.591 + 0.011	----	----	2	UNCH
	TOTAL BOB FUT						750	
	3NA FUT	ARGUS	PROPANE FAR EAST INDEX VS. JA					
	NOV20	----	----	71.585 + 1.027	----	----	1	UNCH
	DEC20	----	----	55.250 + 6.417	----	----	1	UNCH
	JAN21	----	----	44.250 + 4.542	----	----	1	UNCH
	FEB21	----	----	29.750 + 1.583	----	----	1	UNCH
	MAR21	----	----	6.250 - 0.477	----	----	1	UNCH
	APR21	----	----	-16.292 - 2.977	----	----	2	UNCH
	MAY21	----	----	-29.500 - 3.873	----	----	2	UNCH
	JUN21	----	----	-38.167 - 5.540	----	----	2	UNCH
	TOTAL 3NA FUT						11	
	5C FUT	CHICAGO	ULSD PL VS HO SPR					
	NOV20	----	----	0.0393 - 0.0032	----	----	300	UNCH
	DEC20	----	----	-0.0250 UNCH	----	----	198	UNCH
	JAN21	----	----	-0.0600 UNCH	----	----	126	UNCH
	FEB21	----	----	-0.0730 UNCH	----	----	75	UNCH
	MAR21	----	----	-0.0440 UNCH	----	----	98	UNCH
	APR21	----	----	0.0327 UNCH	----	----	91	UNCH
	MAY21	----	----	0.0037 UNCH	----	----	64	UNCH
	JUN21	----	----	0.0037 UNCH	----	----	64	UNCH
	JUL21	----	----	-0.0092 UNCH	----	----	11	UNCH
	AUG21	----	----	-0.0092 UNCH	----	----	11	UNCH
	SEP21	----	----	-0.0092 UNCH	----	----	11	UNCH
	OCT21	----	----	-0.0371 UNCH	----	----	10	UNCH
	NOV21	----	----	-0.0371 UNCH	----	----	9	UNCH
	DEC21	----	----	-0.0371 UNCH	----	----	9	UNCH
	TOTAL 5C FUT						1077	
	3C FUT	CHICAGO	UNL GAS PL VS RBOB SPR					
	NOV20	----	----	-0.0830 - 0.0048	----	----	65	UNCH
	DEC20	----	----	-0.0759 - 0.0119	----	----	65	UNCH
	APR21	----	----	-0.0475 + 0.0075	----	45	275 +	45
	MAY21	----	----	-0.0475 + 0.0075	----	45	275 +	45
	JUN21	----	----	-0.0475 + 0.0075	----	45	275 +	45
	TOTAL 3C FUT					135	955 +	135
	EWN FUT	E/W NAPHTHA	JAPAN CF-CARGOS CIF NWE					
	JAN21	----	----	18.625 - 0.125	----	----	1	UNCH
	FEB21	----	----	18.375 - 0.375	----	----	1	UNCH
	MAR21	----	----	17.750 - 0.250	----	----	1	UNCH
	APR21	----	----	16.875 - 0.375	----	----	1	UNCH
	MAY21	----	----	16.250 - 0.500	----	----	1	UNCH
	JUN21	----	----	16.000 - 0.500	----	----	1	UNCH
	JUL21	----	----	15.875 - 0.375	----	----	1	UNCH
	AUG21	----	----	15.750 - 0.250	----	----	1	UNCH
	SEP21	----	----	15.625 UNCH	----	----	1	UNCH
	OCT21	----	----	15.500 UNCH	----	----	1	UNCH
	NOV21	----	----	15.500 UNCH	----	----	1	UNCH

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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
EWN FUT	E/W NAPHTHA JAPAN CF-CARGOS CIF NWE							
DEC21	----	----	15.500	UNCH	----	----	1	UNCH
TOTAL EWN FUT							12	
EW FUT	EAST/WEST FUEL OIL SPREAD							
NOV20	----	----	22.58	- 0.21	----	----	1	UNCH
DEC20	----	----	23.00	UNCH	----	----	1	UNCH
TOTAL EW FUT							2	
EWG FUT	EAST-WST GASOLINE SPREAD PLATTS/ARG							
NOV20	----	----	0.470	- 0.011	----	----	150	UNCH
DEC20	----	----	0.800	+ 0.035	----	----	250	UNCH
JAN21	----	----	0.669	+ 0.009	----	----	25	UNCH
FEB21	----	----	0.515	- 0.019	----	----	25	UNCH
MAR21	----	----	0.355	- 0.080	----	----	25	UNCH
TOTAL EWG FUT							475	
A5 FUT	EIA FLAT TAX ONHWAY DIESEL							
NOV20	----	----	2.4350	- 0.0080	----	----	329	UNCH
DEC20	----	----	2.5792	+ 0.0474	----	----	296	UNCH
JAN21	----	----	2.6193	+ 0.0462	----	----	445	UNCH
FEB21	----	----	2.6249	+ 0.0438	----	----	445	UNCH
MAR21	----	----	2.6273	+ 0.0418	----	----	445	UNCH
APR21	----	----	2.6309	+ 0.0451	----	----	336	UNCH
MAY21	----	----	2.6360	+ 0.0435	----	----	342	UNCH
JUN21	----	----	2.6430	+ 0.0418	----	----	342	UNCH
JUL21	----	----	2.6509	+ 0.0406	----	----	316	UNCH
AUG21	----	----	2.6597	+ 0.0396	----	----	309	UNCH
SEP21	----	----	2.6688	+ 0.0388	----	----	309	UNCH
OCT21	----	----	2.6800	+ 0.0389	----	----	309	UNCH
NOV21	----	----	2.6752	+ 0.0377	----	----	309	UNCH
DEC21	----	----	2.6720	+ 0.0360	----	----	309	UNCH
TOTAL A5 FUT							4841	
JE FUT	EIA FLAT TAX US RETAIL GASOLINE							
NOV20	----	----	2.1041	+ 0.0049	----	----	60	UNCH
DEC20	----	----	2.1860	+ 0.0539	----	----	60	UNCH
JAN21	----	----	2.1935	+ 0.0535	----	----	30	UNCH
FEB21	----	----	2.2101	+ 0.0524	----	----	30	UNCH
MAR21	----	----	2.3280	+ 0.0503	----	----	30	UNCH
APR21	----	----	2.3405	+ 0.0490	----	----	30	UNCH
MAY21	----	----	2.3413	+ 0.0477	----	----	30	UNCH
JUN21	----	----	2.3349	+ 0.0462	----	----	30	UNCH
JUL21	----	----	2.3230	+ 0.0454	----	----	30	UNCH
AUG21	----	----	2.3042	+ 0.0453	----	----	30	UNCH
SEP21	----	----	2.2211	+ 0.0427	----	----	30	UNCH
OCT21	----	----	2.1984	+ 0.0421	----	----	30	UNCH
NOV21	----	----	2.1847	+ 0.0424	----	----	30	UNCH
DEC21	----	----	2.1862	+ 0.0424	----	----	30	UNCH
TOTAL JE FUT							480	
R53 FUT	EUR 0.5% VS. EUR 3.5%							
NOV20	----	----	64.117	+ 1.556	----	----	6	UNCH
DEC20	----	----	71.735	+ 6.555	----	----	6	UNCH
TOTAL R53 FUT							12	
ENS FUT	EUR1%FUEL OIL FOB MED-EUR1% FOB NWE							
NOV20	----	----	6.321	- 0.048	----	----	3	UNCH
DEC20	----	----	7.250	UNCH	----	----	3	UNCH
TOTAL ENS FUT							6	
EPN FUT	EURO PPNE CIFARG VS NAPHTHA NWE SW							
NOV20	----	----	8.988	- 0.143	----	----	149	UNCH
DEC20	----	----	-7.500	+ 0.500	----	4	106	4
JAN21	----	----	-12.625	- 0.250	----	2	113	UNCH
FEB21	----	----	-18.875	- 2.125	----	2	130	UNCH
MAR21	----	----	-37.500	- 3.310	----	2	108	UNCH
APR21	----	----	-55.250	- 4.935	----	----	62	UNCH
MAY21	----	----	-62.917	- 4.957	----	----	62	UNCH
JUN21	----	----	-68.167	- 5.790	----	----	62	UNCH
JUL21	----	----	-69.167	- 5.957	----	----	27	UNCH
AUG21	----	----	-65.333	- 5.790	----	----	27	UNCH
SEP21	----	----	-60.333	- 5.623	----	----	27	UNCH
OCT21	----	----	-55.583	- 5.956	----	----	19	UNCH
NOV21	----	----	-50.667	- 6.290	----	----	19	UNCH
DEC21	----	----	-45.500	- 6.373	----	----	19	UNCH
JAN22	----	----	-41.583	- 6.373	----	----	3	UNCH
FEB22	----	----	-43.250	- 6.040	----	----	3	UNCH
MAR22	----	----	-56.917	- 5.874	----	----	3	UNCH
APR22	----	----	-69.833	- 5.790	----	----	3	UNCH
MAY22	----	----	-72.667	- 5.457	----	----	3	UNCH

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EPN FUT	EURO	PPNE	CIFARG	VS	NAPHTHA	NWE	SW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST
JUN22	----	----	----	----	----	----	----	-72.583 - 5.123	----	----	3 UNCH
JUL22	----	----	----	----	----	----	----	-71.333 - 4.790	----	----	3 UNCH
AUG22	----	----	----	----	----	----	----	-66.250 - 4.373	----	----	3 UNCH
SEP22	----	----	----	----	----	----	----	-60.833 - 4.206	----	----	3 UNCH
OCT22	----	----	----	----	----	----	----	-55.167 - 4.040	----	----	3 UNCH
NOV22	----	----	----	----	----	----	----	-47.875 - 4.060	----	----	3 UNCH
DEC22	----	----	----	----	----	----	----	-42.750 - 4.060	----	----	3 UNCH
TOTAL EPN FUT										10	966 - 4
UV FUT	EUROPE 3.5% FUEL OIL				RDAM CAL						
NOV20	----	----	----	----	----	----	----	254.08 + 1.76	----	----	60 UNCH
DEC20	----	----	----	----	----	----	----	270.61 + 7.76	----	----	540 UNCH
JAN21	----	----	----	----	----	----	----	270.34 + 8.04	----	----	11 UNCH
FEB21	----	----	----	----	----	----	----	269.90 + 8.31	----	----	22 UNCH
MAR21	----	----	----	----	----	----	----	269.27 + 8.66	----	----	2 UNCH
APR21	----	----	----	----	----	----	----	268.29 + 8.75	----	----	2 UNCH
MAY21	----	----	----	----	----	----	----	267.03 + 8.75	----	----	2 UNCH
JUN21	----	----	----	----	----	----	----	265.50 + 8.47	----	----	2 UNCH
JUL21	----	----	----	----	----	----	----	263.70 + 8.31	----	----	12 UNCH
AUG21	----	----	----	----	----	----	----	261.90 + 8.04	----	----	12 UNCH
SEP21	----	----	----	----	----	----	----	260.03 + 7.81	----	----	12 UNCH
OCT21	----	----	----	----	----	----	----	258.07 + 7.54	----	----	12 UNCH
NOV21	----	----	----	----	----	----	----	256.18 + 7.45	----	----	12 UNCH
DEC21	----	----	----	----	----	----	----	254.57 + 7.26	----	----	22 UNCH
TOTAL UV FUT											723
UN FUT	EUROPE NAPHTHA				CAL						
NOV20	----	----	----	----	----	----	----	370.39 + 3.04	----	----	143 UNCH
DEC20	----	----	----	----	----	----	----	396.27 + 13.09	----	5	188 + 5
JAN21	----	----	----	----	----	----	----	398.77 + 12.76	----	10	81 UNCH
FEB21	----	----	----	----	----	----	----	398.48 + 12.77	----	----	56 UNCH
MAR21	----	----	----	----	----	----	----	397.26 + 12.87	----	----	51 UNCH
APR21	----	----	----	----	----	----	----	395.40 + 13.05	----	----	32 UNCH
MAY21	----	----	----	----	----	----	----	393.73 + 12.40	----	----	32 UNCH
JUN21	----	----	----	----	----	----	----	392.35 + 12.00	----	----	42 UNCH
JUL21	----	----	----	----	----	----	----	391.21 + 11.75	----	----	22 UNCH
AUG21	----	----	----	----	----	----	----	390.29 + 11.34	----	----	22 UNCH
SEP21	----	----	----	----	----	----	----	389.54 + 10.75	----	----	22 UNCH
OCT21	----	----	----	----	----	----	----	389.11 + 10.67	----	----	18 UNCH
NOV21	----	----	----	----	----	----	----	388.40 + 10.46	----	----	18 UNCH
DEC21	----	----	----	----	----	----	----	387.42 + 10.02	----	----	18 UNCH
JAN22	----	----	----	----	----	----	----	386.82 + 10.00	----	----	5 UNCH
FEB22	----	----	----	----	----	----	----	385.98 + 9.95	----	----	5 UNCH
MAR22	----	----	----	----	----	----	----	384.52 + 9.61	----	----	5 UNCH
TOTAL UN FUT										15	760 + 5
R5F FUT	EUROPEAN FOB RDAM MARINE FUEL				0.5%						
NOV20	----	----	----	----	----	----	----	318.200 + 3.312	----	----	15 UNCH
DEC20	----	----	----	----	----	----	----	342.344 + 14.317	----	----	15 UNCH
JAN21	----	----	----	----	----	----	----	343.322 + 14.715	----	----	1 UNCH
FEB21	----	----	----	----	----	----	----	343.883 + 14.613	----	----	1 UNCH
DEC21	----	----	----	----	----	----	----	347.928 + 14.818	----	----	5 UNCH
TOTAL R5F FUT											37
KZ FUT	EUROPEAN NAPHTHA BALMO										
18NOV20	----	----	----	----	----	----	----	385.982 + 7.088	----	----	3 UNCH
TOTAL KZ FUT											3
EN FUT	EUROPEAN NAPHTHA CRACK SPREAD										
NOV20	----	----	----	----	----	----	----	-2.33 - 0.09	----	----	693 UNCH
DEC20	----	----	----	----	----	----	----	-3.26 - 0.27	----	----	482 UNCH
JAN21	----	----	----	----	----	----	----	-2.98 - 0.32	----	----	234 UNCH
FEB21	----	----	----	----	----	----	----	-3.03 - 0.32	----	----	234 UNCH
MAR21	----	----	----	----	----	----	----	-3.19 - 0.29	----	----	234 UNCH
APR21	----	----	----	----	----	----	----	-3.41 - 0.23	----	----	146 UNCH
MAY21	----	----	----	----	----	----	----	-3.56 - 0.26	----	----	146 UNCH
JUN21	----	----	----	----	----	----	----	-3.71 - 0.26	----	----	146 UNCH
JUL21	----	----	----	----	----	----	----	-3.82 - 0.24	----	----	127 UNCH
AUG21	----	----	----	----	----	----	----	-3.91 - 0.24	----	----	127 UNCH
SEP21	----	----	----	----	----	----	----	-3.96 - 0.26	----	----	127 UNCH
OCT21	----	----	----	----	----	----	----	-3.99 - 0.22	----	----	131 UNCH
NOV21	----	----	----	----	----	----	----	-4.04 - 0.20	----	----	131 UNCH
DEC21	----	----	----	----	----	----	----	-4.13 - 0.19	----	----	131 UNCH
TOTAL EN FUT											3089
FS FUT	FUEL OIL CARGOES VS. BARGES										
NOV20	----	----	----	----	----	----	----	36.32 + 0.61	----	----	26 UNCH
DEC20	----	----	----	----	----	----	----	39.67 + 2.12	----	----	26 UNCH
JAN21	----	----	----	----	----	----	----	39.44 + 2.19	----	----	9 UNCH

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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
FS FUT	FUEL OIL CARGOES VS.BARGES						
FEB21	----	----	39.06 + 1.36	----	----	9	UNCH
MAR21	----	----	39.75 + 1.35	----	----	9	UNCH
APR21	----	----	40.56 + 1.26	----	----	9	UNCH
MAY21	----	----	41.44 + 0.94	----	----	9	UNCH
JUN21	----	----	42.38 + 0.88	----	----	9	UNCH
JUL21	----	----	43.67 + 1.04	----	----	9	UNCH
AUG21	----	----	45.25 + 1.38	----	----	9	UNCH
SEP21	----	----	46.58 + 1.40	----	----	9	UNCH
OCT21	----	----	48.67 + 2.23	----	----	9	UNCH
NOV21	----	----	49.92 + 1.92	----	----	9	UNCH
DEC21	----	----	49.13 - 0.63	----	----	9	UNCH
TOTAL FS FUT						160	
FO FUT	FUEL OIL CRACK VS ICE						
NOV20	----	----	-3.93 - 0.15	----	----	465	UNCH
DEC20	----	----	-5.16 - 0.52	----	----	422	UNCH
JAN21	----	----	-5.21 - 0.48	----	50	155 + 50	
FEB21	----	----	-5.30 - 0.44	----	----	105	UNCH
MAR21	----	----	-5.43 - 0.37	----	----	105	UNCH
APR21	----	----	-5.59 - 0.32	----	----	112	UNCH
MAY21	----	----	-5.75 - 0.28	----	----	105	UNCH
JUN21	----	----	-5.98 - 0.27	----	----	112	UNCH
JUL21	----	----	-6.25 - 0.25	----	----	105	UNCH
AUG21	----	----	-6.52 - 0.25	----	----	105	UNCH
SEP21	----	----	-6.78 - 0.24	----	----	105	UNCH
OCT21	----	----	-7.07 - 0.23	----	----	105	UNCH
NOV21	----	----	-7.34 - 0.20	----	----	105	UNCH
DEC21	----	----	-7.57 - 0.17	----	----	105	UNCH
JAN22	----	----	-7.61 - 0.18	----	----	6	UNCH
TOTAL FO FUT					50	2217 + 50	
FI FUT	FUEL OIL NWE CRACK VS ICE						
NOV20	----	----	1.79 - 0.05	----	----	13	UNCH
DEC20	----	----	1.08 - 0.19	----	----	13	UNCH
TOTAL FI FUT						26	
GCI FUT	G. COAST #6 FUEL OIL 3.0% VS BRENT						
NOV20	----	----	-4.212 - 0.231	----	----	161	UNCH
DEC20	----	----	-4.530 - 0.541	----	----	83	UNCH
TOTAL GCI FUT						244	
7K FUT	GAS EURO-BOB OXY (ARG) CRACK						
NOV20	----	----	1.032 + 0.074	----	----	1494	UNCH
DEC20	----	----	0.793 + 0.601	----	30	1778 + 30	
JAN21	----	----	1.296 + 0.545	----	30	866 + 30	
FEB21	----	----	1.855 + 0.509	----	30	866 + 30	
MAR21	----	----	2.399 + 0.483	----	30	866 + 30	
APR21	----	----	5.737 + 0.419	----	30	805 + 30	
MAY21	----	----	6.325 + 0.426	----	30	705 + 30	
JUN21	----	----	6.600 + 0.495	----	30	705 + 30	
JUL21	----	----	6.420 + 0.456	----	30	1224 + 25	
AUG21	----	----	6.138 + 0.443	----	30	1257 + 25	
SEP21	----	----	5.396 + 0.449	----	30	1228 + 30	
OCT21	----	----	3.163 + 0.421	----	30	933 + 25	
NOV21	----	----	2.379 + 0.423	----	30	933 + 25	
DEC21	----	----	1.973 + 0.438	----	30	933 + 25	
JAN22	----	----	2.320 + 0.377	----	----	52	UNCH
FEB22	----	----	2.727 + 0.289	----	----	52	UNCH
MAR22	----	----	3.246 + 0.196	----	----	52	UNCH
APR22	----	----	6.410 - 0.019	----	----	30	UNCH
MAY22	----	----	6.878 - 0.026	----	----	30	UNCH
JUN22	----	----	7.126 + 0.088	----	----	30	UNCH
JUL22	----	----	7.087 + 0.194	----	----	30	UNCH
AUG22	----	----	6.833 + 0.196	----	----	30	UNCH
SEP22	----	----	6.039 + 0.122	----	----	30	UNCH
OCT22	----	----	3.825 + 0.048	----	----	30	UNCH
NOV22	----	----	3.059 + 0.048	----	----	30	UNCH
DEC22	----	----	2.679 + 0.050	----	----	30	UNCH
TOTAL 7K FUT					390	15019 + 365	
7H FUT	GAS EURO-BOB OXY (ARG) NEW BRG						
NOV20	----	----	374.629 + 4.165	----	----	230	UNCH
DEC20	----	----	404.613 + 19.511	----	----	229	UNCH
JAN21	----	----	408.808 + 19.114	----	----	182	UNCH
FEB21	----	----	413.643 + 18.821	----	----	70	UNCH
MAR21	----	----	418.411 + 18.502	----	----	133	UNCH
APR21	----	----	446.283 + 17.641	----	----	145	UNCH
MAY21	----	----	450.853 + 17.336	----	----	203	UNCH



	7H FUT	GLOBEX OPEN	GLOBEX HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
		GAS EURO-BOB OXY (ARG) NEW BRG						
	JUN21	----	----	453.068 + 17.514	----	----	147	UNCH
	JUL21	----	----	451.478 + 16.779	----	----	170	UNCH
	AUG21	----	----	448.958 + 16.329	----	----	135	UNCH
	SEP21	----	----	442.530 + 15.971	----	----	145	UNCH
	OCT21	----	----	423.765 + 15.331	----	----	105	UNCH
	NOV21	----	----	416.980 + 14.991	----	----	95	UNCH
	DEC21	----	----	413.463 + 14.604	----	----	90	UNCH
	JUN22	----	----	457.289 + 8.963	----	----	10	UNCH
	TOTAL 7H FUT						2089	
	GOC FUT	GASOIL (ICE) CRACK SPREAD						
	NOV20	----	----	3.675 + 0.165	----	----	1	UNCH
	DEC20	----	----	4.699 + 0.743	----	----	1	UNCH
	TOTAL GOC FUT						2	
	WQ FUT	GASOIL 0.1 RDAM BRGS VS ICE						
	DEC20	----	----	-7.875 + 0.125	----	----	5	UNCH
	JAN21	----	----	-8.500 + 0.125	----	----	1	UNCH
	FEB21	----	----	-8.500 + 0.250	----	----	1	UNCH
	MAR21	----	----	-8.500 + 0.250	----	----	1	UNCH
	APR21	----	----	-8.750 - 0.167	----	----	1	UNCH
	MAY21	----	----	-8.750 - 0.167	----	----	1	UNCH
	JUN21	----	----	-8.750 - 0.167	----	----	1	UNCH
	JUL21	----	----	-8.500 UNCH	----	----	1	UNCH
	AUG21	----	----	-8.500 UNCH	----	----	1	UNCH
	SEP21	----	----	-8.500 UNCH	----	----	1	UNCH
	OCT21	----	----	-8.375 + 0.209	----	----	1	UNCH
	NOV21	----	----	-8.375 + 0.208	----	----	1	UNCH
	DEC21	----	----	-8.375 + 0.208	----	----	1	UNCH
	TOTAL WQ FUT						17	
	VL FUT	GASOIL 0.1 ROTTERDAM BARGES SW						
	NOV20	----	----	347.381 + 4.375	----	----	10	UNCH
	JAN21	----	----	385.950 + 18.100	----	----	5	UNCH
	TOTAL VL FUT						15	
	GX FUT	GASOIL CALENDAR						
	NOV20	----	----	354.74 + 4.41	----	----	5	UNCH
	DEC20	----	----	390.97 + 18.50	----	----	15	UNCH
	JAN21	----	----	394.45 + 17.98	----	----	4	UNCH
	FEB21	----	----	397.30 + 17.45	----	----	4	UNCH
	MAR21	----	----	399.97 + 16.92	----	----	4	UNCH
	APR21	----	----	402.36 + 16.39	----	----	10	UNCH
	MAY21	----	----	404.33 + 15.92	----	----	10	UNCH
	JUN21	----	----	406.71 + 15.41	----	----	10	UNCH
	JUL21	----	----	409.21 + 14.91	----	----	3	UNCH
	AUG21	----	----	411.59 + 14.59	----	----	3	UNCH
	SEP21	----	----	414.38 + 14.16	----	----	3	UNCH
	OCT21	----	----	415.75 + 13.83	----	----	1	UNCH
	NOV21	----	----	415.68 + 13.43	----	----	1	UNCH
	DEC21	----	----	417.07 + 13.08	----	----	1	UNCH
	JAN22	----	----	419.08 + 12.83	----	----	1	UNCH
	FEB22	----	----	420.73 + 12.59	----	----	1	UNCH
	MAR22	----	----	422.12 + 12.33	----	----	1	UNCH
	APR22	----	----	423.15 + 12.09	----	----	1	UNCH
	MAY22	----	----	423.82 + 11.84	----	----	1	UNCH
	JUN22	----	----	425.71 + 11.75	----	----	1	UNCH
	JUL22	----	----	428.00 + 11.58	----	----	1	UNCH
	AUG22	----	----	430.22 + 11.50	----	----	1	UNCH
	SEP22	----	----	432.53 + 11.50	----	----	1	UNCH
	OCT22	----	----	432.92 + 11.50	----	----	1	UNCH
	NOV22	----	----	432.24 + 11.50	----	----	1	UNCH
	DEC22	----	----	433.67 + 11.33	----	----	1	UNCH
	TOTAL GX FUT						86	
	GZ FUT	GASOIL CRACK SPREAD CALENDAR						
	NOV20	----	----	3.68 + 0.17	----	----	725	UNCH
	DEC20	----	----	4.70 + 0.74	----	----	700	UNCH
	JAN21	----	----	5.17 + 0.66	----	----	81	UNCH
	FEB21	----	----	5.53 + 0.59	----	----	81	UNCH
	MAR21	----	----	5.86 + 0.53	----	----	81	UNCH
	APR21	----	----	6.17 + 0.50	----	----	86	UNCH
	MAY21	----	----	6.47 + 0.48	----	----	86	UNCH
	JUN21	----	----	6.80 + 0.46	----	----	86	UNCH
	JUL21	----	----	7.15 + 0.44	----	----	81	UNCH
	AUG21	----	----	7.49 + 0.44	----	----	81	UNCH
	SEP21	----	----	7.89 + 0.43	----	----	81	UNCH
	OCT21	----	----	8.10 + 0.44	----	----	81	UNCH



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GZ FUT	GASOIL CRACK SPREAD CALENDAR						
NOV21	----	----	8.12 + 0.43	----	----	81	UNCH
DEC21	----	----	8.32 + 0.44	----	----	81	UNCH
TOTAL GZ FUT						2412	
QA FUT	GASOIL MINI CALENDAR						
NOV20	----	----	354.738 + 4.405	----	----	81	UNCH
DEC20	----	----	390.966 + 18.500	----	----	155	UNCH
JAN21	----	----	394.450 + 17.975	----	----	26	UNCH
FEB21	----	----	397.300 + 17.450	----	----	28	UNCH
MAR21	----	----	399.967 + 16.924	----	----	27	UNCH
APR21	----	----	402.357 + 16.393	----	----	52	UNCH
MAY21	----	----	404.333 + 15.916	----	----	82	UNCH
JUN21	----	----	406.705 + 15.410	----	----	29	UNCH
JUL21	----	----	409.205 + 14.910	----	----	67	UNCH
AUG21	----	----	411.591 + 14.591	----	----	67	UNCH
SEP21	----	----	414.375 + 14.159	----	----	65	UNCH
OCT21	----	----	415.750 + 13.833	----	----	61	UNCH
NOV21	----	----	415.682 + 13.432	----	----	30	UNCH
DEC21	----	----	417.065 + 13.076	----	----	17	UNCH
JAN22	----	----	419.083 + 12.833	----	----	20	UNCH
FEB22	----	----	420.725 + 12.587	----	----	34	UNCH
MAR22	----	----	422.120 + 12.327	----	----	30	UNCH
APR22	----	----	423.150 + 12.087	----	----	10	UNCH
MAY22	----	----	423.818 + 11.841	----	----	24	UNCH
JUN22	----	----	425.705 + 11.750	----	----	26	UNCH
JUL22	----	----	428.000 + 11.583	----	----	8	UNCH
AUG22	----	----	430.217 + 11.500	----	----	10	UNCH
SEP22	----	----	432.534 + 11.500	----	----	8	UNCH
OCT22	----	----	432.917 + 11.500	----	----	10	UNCH
NOV22	----	----	432.239 + 11.500	----	----	8	UNCH
DEC22	----	----	433.667 + 11.334	----	----	10	UNCH
JAN23	----	----	436.500 + 11.250	----	----	22	UNCH
FEB23	----	----	438.963 + 11.088	----	----	26	UNCH
TOTAL QA FUT						1033	
AB6 FUT	GRP THREE ULSD VS NY HAR ULSD BALMO						
11NOV20	----	----	0.0118 - 0.0070	----	----	50	UNCH
TOTAL AB6 FUT						50	
A6 FUT	GRP THREE ULSD(PLT)VS HEAT OIL						
NOV20	----	----	0.0121 - 0.0045	----	----	1541	UNCH
DEC20	----	----	-0.0425 - 0.0025	----	25	1155	- 25
JAN21	----	----	-0.0500 - 0.0050	----	----	340	UNCH
FEB21	----	----	-0.0350 - 0.0025	----	----	89	UNCH
MAR21	----	----	-0.0300 UNCH	----	----	103	UNCH
APR21	----	----	-0.0150 UNCH	----	----	232	UNCH
MAY21	----	----	-0.0100 UNCH	----	----	518	UNCH
JUN21	----	----	-0.0075 UNCH	----	----	175	UNCH
JUL21	----	----	-0.0125 UNCH	----	----	125	UNCH
AUG21	----	----	-0.0125 UNCH	----	----	125	UNCH
SEP21	----	----	-0.0125 UNCH	----	----	125	UNCH
OCT21	----	----	-0.0075 UNCH	----	----	75	UNCH
NOV21	----	----	-0.0275 UNCH	----	----	25	UNCH
DEC21	----	----	-0.0700 UNCH	----	----	25	UNCH
TOTAL A6 FUT					25	4653	- 25
A8 FUT	GRP THREE UNL GS (PLT) VS RBOB						
NOV20	----	----	-0.0804 - 0.0025	----	----	100	UNCH
DEC20	----	----	-0.0850 - 0.0125	----	----	895	UNCH
JAN21	----	----	-0.0725 + 0.0050	----	----	175	UNCH
FEB21	----	----	-0.0550 - 0.0050	----	----	40	UNCH
MAR21	----	----	-0.0900 + 0.0025	----	----	90	UNCH
APR21	----	----	-0.0900 UNCH	----	----	535	UNCH
MAY21	----	----	-0.0850 UNCH	----	----	1095	UNCH
JUN21	----	----	-0.0825 UNCH	----	----	135	UNCH
JUL21	----	----	-0.0750 + 0.0050	----	100	105	+ 65
AUG21	----	----	-0.0550 UNCH	----	----	105	UNCH
SEP21	----	----	-0.0200 UNCH	----	----	40	UNCH
OCT21	----	----	-0.0350 UNCH	----	----	40	UNCH
NOV21	----	----	-0.0550 UNCH	----	----	40	UNCH
DEC21	----	----	-0.0800 UNCH	----	----	40	UNCH
TOTAL A8 FUT					100	3435	+ 65
CRB FUT	GULF CBOB A2 PL VS RBOB SPR F						
NOV20	----	----	-0.0479 - 0.0016	----	----	1733	UNCH
DEC20	----	----	-0.0500 - 0.0050	----	300	2857	+ 50
JAN21	----	----	-0.0475 UNCH	----	150	3117	UNCH
FEB21	----	----	-0.0475 UNCH	----	----	475	UNCH

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CRB FUT	GULF	CBOB	A2	PL	VS	RBOB	SPR	F			
MAR21		----									
APR21		----									
MAY21		----									
JUN21		----									
JUL21		----									
AUG21		----									
SEP21		----									
OCT21		----									
NOV21		----									
DEC21		----									
TOTAL CRB FUT									1050		13041 + 650
GCU FUT	GULF	CO	NO6	FUELOIL	3%	V.	EURO	3.5%			
NOV20		----									
DEC20		----									
JAN21		----									
FEB21		----									
MAR21		----									
APR21		----									
MAY21		----									
JUN21		----									
JUL21		----									
AUG21		----									
SEP21		----									
OCT21		----									
NOV21		----									
DEC21		----									
TOTAL GCU FUT											150 2450 + 50
MF FUT	GULF COAST HSFO (PLATTS) FUTURES										
NOV20		----									
DEC20		----									
JAN21		----									
FEB21		----									
MAR21		----									
JUN21		----									
DEC21		----									
JAN22		----									
FEB22		----									
MAR22		----									
APR22		----									
MAY22		----									
JUN22		----									
JUL22		----									
AUG22		----									
SEP22		----									
OCT22		----									
NOV22		----									
DEC22		----									
TOTAL MF FUT											335 9705 + 101
GE FUT	GULF COAST JET FUEL CLNDR										
NOV20		----									
DEC20		----									
JAN21		----									
FEB21		----									
MAR21		----									
APR21		----									
MAY21		----									
JUN21		----									
TOTAL GE FUT											2016
ME FUT	GULF COAST JET VS NYM 2 HO SPRD										
NOV20		----									
DEC20		----									
JAN21		----									
FEB21		----									
MAR21		----									
APR21		----									
MAY21		----									
JUN21		----									
JUL21		----									
AUG21		----									
SEP21		----									
OCT21		----									
NOV21		----									
DEC21		----									



	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
ME FUT	GULF COAST JET VS NYM 2 HO SPRD							
APR23	----	----	-0.1175	UNCH	----	----	30	UNCH
MAY23	----	----	-0.1175	UNCH	----	----	30	UNCH
JUN23	----	----	-0.1175	UNCH	----	----	30	UNCH
JUL23	----	----	-0.1175	UNCH	----	----	30	UNCH
AUG23	----	----	-0.1175	UNCH	----	----	30	UNCH
SEP23	----	----	-0.1175	UNCH	----	----	30	UNCH
TOTAL ME FUT						50	19219 +	50
MG FUT	GULF COAST NO.6 FUEL OIL CRACK							
NOV20	----	----	-1.33	- 0.09	----	----	35	UNCH
DEC20	----	----	-1.72	- 0.64	----	----	35	UNCH
TOTAL MG FUT								70
LY FUT	GULF COAST ULSD CALENDAR							
NOV20	----	----	1.2118	+ 0.0074	----	----	473	UNCH
DEC20	----	----	1.3192	+ 0.0474	----	----	407	UNCH
JAN21	----	----	1.3243	+ 0.0462	----	----	614	UNCH
FEB21	----	----	1.3299	+ 0.0438	----	----	619	UNCH
MAR21	----	----	1.3323	+ 0.0418	----	----	559	UNCH
APR21	----	----	1.3359	+ 0.0451	----	----	451	UNCH
MAY21	----	----	1.3410	+ 0.0435	----	----	445	UNCH
JUN21	----	----	1.3480	+ 0.0418	----	----	442	UNCH
JUL21	----	----	1.3559	+ 0.0406	----	----	410	UNCH
AUG21	----	----	1.3647	+ 0.0396	----	----	410	UNCH
SEP21	----	----	1.3738	+ 0.0388	----	----	410	UNCH
OCT21	----	----	1.3850	+ 0.0389	----	----	409	UNCH
NOV21	----	----	1.3802	+ 0.0377	----	----	312	UNCH
DEC21	----	----	1.3770	+ 0.0360	----	----	311	UNCH
TOTAL LY FUT								6272
GY FUT	GULF COAST ULSD CRACK SPREAD							
NOV20	----	----	9.84	+ 0.03	----	----	60	UNCH
DEC20	----	----	10.44	+ 0.15	----	----	60	UNCH
JAN21	----	----	10.46	+ 0.13	----	----	10	UNCH
FEB21	----	----	10.59	+ 0.06	----	----	10	UNCH
MAR21	----	----	10.59	+ 0.01	----	----	10	UNCH
APR21	----	----	10.70	+ 0.22	----	----	10	UNCH
MAY21	----	----	10.92	+ 0.20	----	----	10	UNCH
JUN21	----	----	11.26	+ 0.22	----	----	10	UNCH
JUL21	----	----	11.67	+ 0.26	----	----	10	UNCH
AUG21	----	----	12.11	+ 0.30	----	----	10	UNCH
SEP21	----	----	12.56	+ 0.32	----	----	10	UNCH
OCT21	----	----	13.10	+ 0.39	----	----	10	UNCH
NOV21	----	----	12.97	+ 0.40	----	----	10	UNCH
DEC21	----	----	12.92	+ 0.40	----	----	10	UNCH
TOTAL GY FUT								240
GBB FUT	GULF CST UNL 87 GAS M2 V. RBOB BLMO							
13NOV20	----	----	-0.0308	- 0.0015	----	----	925	UNCH
TOTAL GBB FUT								925
RVG FUT	GULF UNL87 M2 PL VS RBOB SPR F							
NOV20	----	----	-0.0319	- 0.0007	----	----	1675	UNCH
DEC20	----	----	-0.0300	- 0.0025	----	----	1600	UNCH
JAN21	----	----	-0.0250	+ 0.0025	----	----	50	UNCH
FEB21	----	----	-0.0250	+ 0.0025	----	----	50	UNCH
APR21	----	----	-0.0725	+ 0.0050	----	50	325 +	50
MAY21	----	----	-0.0700	+ 0.0050	----	50	325 +	50
JUN21	----	----	-0.0675	+ 0.0050	----	50	325 +	50
TOTAL RVG FUT						150	4350 +	150
BCR FUT	GULFCST CBOB GAS A2 VS RBOB BALMO							
03NOV20	----	----	-0.0476	- 0.0016	----	----	323	UNCH
04NOV20	----	----	-0.0475	- 0.0018	----	----	150	UNCH
05NOV20	----	----	-0.0475	- 0.0019	----	----	100	UNCH
10NOV20	----	----	-0.0480	- 0.0023	----	----	100	UNCH
TOTAL BCR FUT								673
1G FUT	HEATING OIL BALMO CLNDR							
03NOV20	----	----	1.2528	+ 0.0103	----	----	100	UNCH
TOTAL 1G FUT								100
HOB FUT	HEATING OIL VS. BRENT CRACK SPREAD							
NOV20	----	----	8.383	- 0.014	----	----	477	UNCH
DEC20	----	----	9.516	+ 0.291	----	100	477 -	55
JAN21	----	----	9.814	+ 0.275	----	----	422	UNCH
FEB21	----	----	10.049	+ 0.258	----	----	422	UNCH
MAR21	----	----	10.143	+ 0.249	----	----	422	UNCH
APR21	----	----	10.307	+ 0.238	----	----	422	UNCH
MAY21	----	----	10.560	+ 0.214	----	----	422	UNCH
JUN21	----	----	10.863	+ 0.190	----	----	422	UNCH



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PG61 BULLETIN #228@

ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
R50 FUT	MICRO	EURO MARINE 0.5%	FO	BARGES						
NOV20	----	----	----	----	318.200	+ 3.312	----	----	309	UNCH
DEC20	----	----	----	----	342.344	+ 14.317	----	----	345	UNCH
JAN21	----	----	----	----	343.322	+ 14.715	----	----	323	UNCH
FEB21	----	----	----	----	343.883	+ 14.613	----	----	171	UNCH
MAR21	----	----	----	----	344.504	+ 14.843	----	----	185	UNCH
APR21	----	----	----	----	345.145	+ 14.927	----	----	257	UNCH
MAY21	----	----	----	----	345.638	+ 14.926	----	----	202	UNCH
JUN21	----	----	----	----	345.984	+ 14.904	----	----	186	UNCH
JUL21	----	----	----	----	346.433	+ 15.113	----	----	134	UNCH
AUG21	----	----	----	----	346.881	+ 15.090	----	----	133	UNCH
SEP21	----	----	----	----	347.268	+ 15.112	----	----	133	UNCH
OCT21	----	----	----	----	347.550	+ 15.090	----	----	113	UNCH
NOV21	----	----	----	----	347.665	+ 15.007	----	----	149	UNCH
DEC21	----	----	----	----	347.928	+ 14.818	----	----	113	UNCH
JAN22	----	----	----	----	348.694	+ 14.197	----	----	13	UNCH
FEB22	----	----	----	----	349.220	+ 13.360	----	----	13	UNCH
MAR22	----	----	----	----	349.970	+ 12.860	----	----	13	UNCH
APR22	----	----	----	----	350.970	+ 12.610	----	----	24	UNCH
MAY22	----	----	----	----	351.970	+ 12.360	----	----	13	UNCH
JUN22	----	----	----	----	353.220	+ 12.110	----	----	13	UNCH
JUL22	----	----	----	----	354.720	+ 12.110	----	----	13	UNCH
AUG22	----	----	----	----	356.220	+ 12.110	----	----	13	UNCH
SEP22	----	----	----	----	357.970	+ 12.110	----	----	13	UNCH
OCT22	----	----	----	----	359.470	+ 12.110	----	----	13	UNCH
NOV22	----	----	----	----	360.720	+ 12.110	----	----	13	UNCH
DEC22	----	----	----	----	361.970	+ 12.110	----	----	13	UNCH
TOTAL R50 FUT									2920	
MEF FUT	MICRO	EUROPEAN 3.5%	FUEL OIL	BARGES						
NOV20	----	----	----	----	254.083	+ 1.756	----	----	200	UNCH
DEC20	----	----	----	----	270.609	+ 7.762	----	10	40	+ 10
TOTAL MEF FUT								10	240	+ 10
M1B FUT	MICRO	GO 0.1%	BARG	PLATTS						
NOV20	----	----	----	----	347.381	+ 4.375	----	----	526	UNCH
DEC20	----	----	----	----	383.091	+ 18.625	----	----	894	UNCH
JAN21	----	----	----	----	385.950	+ 18.100	----	----	230	UNCH
FEB21	----	----	----	----	388.800	+ 17.700	----	----	115	UNCH
MAR21	----	----	----	----	391.467	+ 17.174	----	59	159	+ 59
APR21	----	----	----	----	393.607	+ 16.226	----	----	147	UNCH
MAY21	----	----	----	----	395.583	+ 15.749	----	59	255	+ 59
JUN21	----	----	----	----	397.955	+ 15.243	----	----	237	UNCH
JUL21	----	----	----	----	400.705	+ 14.910	----	59	159	+ 59
AUG21	----	----	----	----	403.091	+ 14.591	----	----	117	UNCH
SEP21	----	----	----	----	405.875	+ 14.159	----	59	256	+ 59
OCT21	----	----	----	----	407.375	NEW	----	59	59	+ 59
DEC21	----	----	----	----	408.690	+ 13.284	----	----	30	UNCH
JAN22	----	----	----	----	411.583	+ 12.833	----	----	25	UNCH
FEB22	----	----	----	----	413.225	+ 12.587	----	----	25	UNCH
MAR22	----	----	----	----	414.620	+ 12.327	----	----	25	UNCH
APR22	----	----	----	----	415.775	+ 12.087	----	----	25	UNCH
MAY22	----	----	----	----	416.443	+ 11.841	----	----	25	UNCH
JUN22	----	----	----	----	418.330	+ 11.750	----	----	25	UNCH
JUL22	----	----	----	----	420.625	+ 11.583	----	----	25	UNCH
AUG22	----	----	----	----	422.842	+ 11.500	----	----	25	UNCH
SEP22	----	----	----	----	425.159	+ 11.500	----	----	25	UNCH
OCT22	----	----	----	----	425.542	+ 11.500	----	----	25	UNCH
NOV22	----	----	----	----	424.864	+ 11.500	----	----	25	UNCH
DEC22	----	----	----	----	426.292	+ 11.334	----	----	25	UNCH
TOTAL M1B FUT								295	3484	+ 295
S50 FUT	MICRO	SINGAPORE FOB	MARINE FUEL 0.5							
NOV20	----	----	----	----	340.010	+ 2.949	----	----	497	UNCH
DEC20	----	----	----	----	365.427	+ 13.648	----	----	354	UNCH
JAN21	----	----	----	----	364.130	+ 14.175	----	3	227	+ 3
FEB21	----	----	----	----	363.545	+ 14.427	----	3	203	+ 3
MAR21	----	----	----	----	363.229	+ 14.845	----	----	91	UNCH
APR21	----	----	----	----	363.432	+ 14.990	----	48	152	+ 48
MAY21	----	----	----	----	363.738	+ 15.178	----	45	167	+ 45
JUN21	----	----	----	----	363.793	+ 14.906	----	----	87	UNCH
JUL21	----	----	----	----	363.741	+ 14.656	----	----	65	UNCH
AUG21	----	----	----	----	364.189	+ 14.508	----	----	66	UNCH
SEP21	----	----	----	----	364.577	+ 14.406	----	----	70	UNCH
OCT21	----	----	----	----	364.858	+ 14.383	----	----	55	UNCH
NOV21	----	----	----	----	364.557	+ 14.509	----	----	50	UNCH
DEC21	----	----	----	----	364.403	+ 14.153	----	----	50	UNCH
JAN22	----	----	----	----	363.935	+ 12.624	----	----	13	UNCH

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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
S50 FUT	MICRO SINGAPORE FOB MARINE FUEL 0.5							
FEB22	----	----	364.882 + 12.205		----	----	70	UNCH
MAR22	----	----	365.829 + 11.786		----	----	70	UNCH
APR22	----	----	366.776 + 11.368		----	----	70	UNCH
MAY22	----	----	367.723 + 10.949		----	----	3	UNCH
JUN22	----	----	368.920 + 10.530		----	----	3	UNCH
JUL22	----	----	370.873 + 10.530		----	----	3	UNCH
AUG22	----	----	372.826 + 10.530		----	----	3	UNCH
SEP22	----	----	374.780 + 10.530		----	----	3	UNCH
OCT22	----	----	376.233 + 10.530		----	----	3	UNCH
NOV22	----	----	377.186 + 10.530		----	----	3	UNCH
DEC22	----	----	378.139 + 10.530		----	----	3	UNCH
TOTAL S50 FUT						99	2381 +	99
MAF FUT	MICRO SINGAPORE FUEL OIL 380CST (PL							
NOV20	----	----	274.656 + 1.631		----	----	160	UNCH
DEC20	----	----	288.842 NEW		----	7	7 +	7
JAN21	----	----	286.295 + 8.285		----	----	2	UNCH
FEB21	----	----	285.460 + 8.662		----	----	2	UNCH
MAR21	----	----	284.519 + 8.830		----	----	2	UNCH
APR21	----	----	283.722 + 8.850		----	----	2	UNCH
MAY21	----	----	282.778 + 8.913		----	----	2	UNCH
JUN21	----	----	281.333 + 8.641		----	----	2	UNCH
JUL21	----	----	279.281 + 8.016		----	----	2	UNCH
AUG21	----	----	277.979 + 7.743		----	----	2	UNCH
SEP21	----	----	276.617 + 7.516		----	----	2	UNCH
OCT21	----	----	275.398 + 7.493		----	----	2	UNCH
NOV21	----	----	274.097 + 7.869		----	----	2	UNCH
DEC21	----	----	273.068 + 7.763		----	----	2	UNCH
TOTAL MAF FUT						7	191 +	7
MAS FUT	MIN ARGUS PROPANE SAUDI ARAMCO							
DEC20	----	----	453.273 + 6.259		----	----	209	UNCH
JAN21	----	----	446.648 + 13.178		----	----	85	UNCH
FEB21	----	----	433.108 + 12.232		----	----	25	UNCH
MAR21	----	----	409.259 + 11.641		----	----	15	UNCH
APR21	----	----	384.983 + 10.693		----	----	15	UNCH
MAY21	----	----	368.813 + 8.272		----	----	15	UNCH
JUN21	----	----	358.351 + 7.957		----	----	15	UNCH
JUL21	----	----	351.379 + 6.877		----	----	15	UNCH
AUG21	----	----	352.290 + 6.296		----	----	15	UNCH
SEP21	----	----	355.035 + 5.124		----	----	15	UNCH
OCT21	----	----	358.695 + 4.797		----	----	15	UNCH
NOV21	----	----	362.568 + 4.500		----	----	15	UNCH
DEC21	----	----	366.417 + 4.226		----	----	15	UNCH
TOTAL MAS FUT							469	
MNC FUT	MIN EURO NPHTHA CIF NWE							
NOV20	----	----	370.385 + 3.037		----	----	230	UNCH
DEC20	----	----	396.273 + 13.092		----	20	201 +	10
JAN21	----	----	398.773 + 12.761		----	----	45	UNCH
FEB21	----	----	398.483 + 12.774		----	----	18	UNCH
MAR21	----	----	397.259 + 12.868		----	----	33	UNCH
APR21	----	----	395.400 + 13.045		----	----	18	UNCH
MAY21	----	----	393.730 + 12.395		----	----	18	UNCH
JUN21	----	----	392.351 + 11.997		----	----	18	UNCH
JUL21	----	----	391.213 + 11.751		----	----	18	UNCH
AUG21	----	----	390.290 + 11.336		----	----	18	UNCH
SEP21	----	----	389.535 + 10.747		----	----	18	UNCH
OCT21	----	----	389.111 + 10.670		----	----	18	UNCH
NOV21	----	----	388.402 + 10.457		----	----	18	UNCH
DEC21	----	----	387.417 + 10.016		----	----	18	UNCH
JAN22	----	----	386.817 + 9.997		----	----	10	UNCH
FEB22	----	----	385.982 + 9.946		----	----	10	UNCH
MAR22	----	----	384.517 + 9.611		----	----	10	UNCH
TOTAL MNC FUT						20	719 +	10
MJN FUT	MIN JAPAN C&F NAPHTHA PLATTS							
NOV20	----	----	385.629 + 2.335		----	----	60	UNCH
DEC20	----	----	414.523 + 12.342		----	----	60	UNCH
JAN21	----	----	417.398 + 12.636		----	----	15	UNCH
FEB21	----	----	416.858 + 12.399		----	----	65	UNCH
MAR21	----	----	415.009 + 12.618		----	----	55	UNCH
APR21	----	----	412.275 + 12.670		----	----	15	UNCH
MAY21	----	----	409.980 + 11.895		----	----	15	UNCH
JUN21	----	----	408.351 + 11.497		----	----	15	UNCH
JUL21	----	----	407.088 + 11.376		----	----	15	UNCH
AUG21	----	----	406.040 + 11.086		----	----	15	UNCH





	MIN	JAPAN C&F	NAPHTHA	PLATTS	SETT. PRICE & PT. CHGE	+	MINUS	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
MJN FUT	MIN JAPAN C&F NAPHTHA PLATTS											
SEP21	----	----	----	----	405.160	+	10.747	----	----	15	UNCH	
OCT21	----	----	----	----	404.611	+	10.670	----	----	15	UNCH	
NOV21	----	----	----	----	403.902	+	10.457	----	----	15	UNCH	
DEC21	----	----	----	----	402.917	+	10.016	----	----	15	UNCH	
TOTAL MJN FUT										390		
MJC FUT	MIN JETKERO CRGOS CIF NWE VS GASOIL											
NOV20	----	----	----	----	8.786	+	0.464	----	----	5	UNCH	
DEC20	----	----	----	----	9.000	+	2.000	----	----	5	UNCH	
TOTAL MJC FUT										10		
MGN FUT	MIN ULSD 10PPM CRGS CIF NWE VS GSL											
NOV20	----	----	----	----	2.155	+	0.107	----	----	15	UNCH	
DEC20	----	----	----	----	1.750	+	0.313	----	----	35	UNCH	
JUN21	----	----	----	----	4.000	+	0.250	----	----	10	UNCH	
JUL21	----	----	----	----	4.000		UNCH	----	----	10	UNCH	
TOTAL MGN FUT										70		
MFD FUT	MINI 1% FUEL OIL CAR MED											
NOV20	----	----	----	----	296.726	+	2.319	----	----	5	UNCH	
DEC20	----	----	----	----	317.526	+	9.879	----	----	5	UNCH	
TOTAL MFD FUT										10		
MAE FUT	MINI ARGUS PROPANE FAR EAST IDX											
NOV20	----	----	----	----	457.214	+	3.362	----	----	517	UNCH	
DEC20	----	----	----	----	469.773	+	18.759	----	40	503	+	20
JAN21	----	----	----	----	461.648	+	17.178	----	----	83	UNCH	
FEB21	----	----	----	----	446.608	+	13.982	----	----	83	UNCH	
MAR21	----	----	----	----	421.259	+	12.141	----	----	83	UNCH	
APR21	----	----	----	----	395.983	+	9.693	----	----	83	UNCH	
MAY21	----	----	----	----	380.480	+	8.022	----	----	83	UNCH	
JUN21	----	----	----	----	370.184	+	5.957	----	----	83	UNCH	
JUL21	----	----	----	----	366.379	+	5.044	----	----	83	UNCH	
AUG21	----	----	----	----	368.457	+	5.296	----	----	83	UNCH	
SEP21	----	----	----	----	372.202	+	5.041	----	----	83	UNCH	
OCT21	----	----	----	----	376.195	+	4.964	----	----	83	UNCH	
NOV21	----	----	----	----	380.235	+	4.750	----	----	83	UNCH	
DEC21	----	----	----	----	384.084	+	4.393	----	----	93	UNCH	
JAN22	----	----	----	----	387.234	+	4.374	----	----	8	UNCH	
FEB22	----	----	----	----	384.732	+	4.823	----	----	8	UNCH	
MAR22	----	----	----	----	369.600	+	4.987	----	----	8	UNCH	
APR22	----	----	----	----	354.677	+	4.896	----	----	8	UNCH	
TOTAL MAE FUT									40	2058	+	20
OB FUT	MINI EU 1%FO CARGO FOB NWE FUT											
NOV20	----	----	----	----	290.405	+	2.367	----	----	13	UNCH	
DEC20	----	----	----	----	310.276	+	9.879	----	----	13	UNCH	
JAN21	----	----	----	----	309.774	+	10.222	----	----	2	UNCH	
FEB21	----	----	----	----	308.960	+	9.670	----	----	2	UNCH	
MAR21	----	----	----	----	309.019	+	10.013	----	----	2	UNCH	
APR21	----	----	----	----	308.847	+	10.009	----	----	2	UNCH	
MAY21	----	----	----	----	308.466	+	9.684	----	----	2	UNCH	
JUN21	----	----	----	----	307.874	+	9.349	----	----	2	UNCH	
JUL21	----	----	----	----	307.364	+	9.349	----	----	2	UNCH	
AUG21	----	----	----	----	307.146	+	9.410	----	----	2	UNCH	
SEP21	----	----	----	----	306.617	+	9.204	----	----	2	UNCH	
OCT21	----	----	----	----	306.732	+	9.764	----	----	2	UNCH	
NOV21	----	----	----	----	306.097	+	9.369	----	----	2	UNCH	
DEC21	----	----	----	----	303.693	+	6.638	----	----	2	UNCH	
TOTAL OB FUT										50		
OD FUT	MINI EU 3.5%FO BARGE FOB RDAM FUT											
NOV20	----	----	----	----	254.083	+	1.756	----	----	73	UNCH	
DEC20	----	----	----	----	270.609	+	7.762	----	----	54	UNCH	
JAN21	----	----	----	----	270.337	+	8.035	----	----	26	UNCH	
FEB21	----	----	----	----	269.898	+	8.308	----	----	8	UNCH	
MAR21	----	----	----	----	269.269	+	8.663	----	----	8	UNCH	
APR21	----	----	----	----	268.285	+	8.747	----	----	8	UNCH	
MAY21	----	----	----	----	267.028	+	8.746	----	----	8	UNCH	
JUN21	----	----	----	----	265.499	+	8.474	----	----	8	UNCH	
JUL21	----	----	----	----	263.698	+	8.308	----	----	8	UNCH	
AUG21	----	----	----	----	261.896	+	8.035	----	----	8	UNCH	
SEP21	----	----	----	----	260.033	+	7.807	----	----	8	UNCH	
OCT21	----	----	----	----	258.065	+	7.535	----	----	8	UNCH	
NOV21	----	----	----	----	256.180	+	7.452	----	----	8	UNCH	
DEC21	----	----	----	----	254.568	+	7.263	----	----	8	UNCH	
JAN23	----	----	----	----	256.832	+	4.750	----	----	3	UNCH	
FEB23	----	----	----	----	257.913	+	4.750	----	----	3	UNCH	
MAR23	----	----	----	----	259.089	+	4.750	----	----	3	UNCH	

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ENERGY FUTURES PRODUCTS

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	MINI	EU	3.5%FO	BARGE	FOB	RDAM	FUT	SETT. PRICE & PT. CHGE	GLOBAL <sup>®</sup> VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
0D FUT												
APR23								260.265 + 4.750			3	UNCH
MAY23								261.441 + 4.750			3	UNCH
JUN23								262.688 + 4.750			3	UNCH
JUL23								263.935 + 4.750			3	UNCH
AUG23								265.182 + 4.750			3	UNCH
SEP23								266.465 + 4.750			3	UNCH
OCT23								267.748 + 4.750			3	UNCH
NOV23								269.031 + 4.750			3	UNCH
DEC23								270.004 + 4.750			3	UNCH
TOTAL 0D FUT											277	
MEN FUT	MINI	EURO	NAPHTHA	BALMO								
18NOV20								385.982 + 7.088			30	UNCH
TOTAL MEN FUT											30	
R5M FUT	MINI	EUROPEAN	FOB	RDAM	MARINE	FUEL						
NOV20								318.200 + 3.312			190	UNCH
DEC20								342.344 + 14.317			190	UNCH
JAN21								343.322 + 14.715			82	UNCH
FEB21								343.883 + 14.613			70	UNCH
MAR21								344.504 + 14.843			65	UNCH
APR21								345.145 + 14.927			45	UNCH
MAY21								345.638 + 14.926			31	UNCH
JUN21								345.984 + 14.904			28	UNCH
JUL21								346.433 + 15.113			36	UNCH
AUG21								346.881 + 15.090			48	UNCH
SEP21								347.268 + 15.112			35	UNCH
OCT21								347.550 + 15.090			26	UNCH
NOV21								347.665 + 15.007			26	UNCH
DEC21								347.928 + 14.818			21	UNCH
JAN22								348.694 + 14.197			7	UNCH
FEB22								349.220 + 13.360			17	UNCH
MAR22								349.970 + 12.860			17	UNCH
APR22								350.970 + 12.610			8	UNCH
MAY22								351.970 + 12.360			7	UNCH
JUN22								353.220 + 12.110			7	UNCH
JUL22								354.720 + 12.110			2	UNCH
AUG22								356.220 + 12.110			12	UNCH
SEP22								357.970 + 12.110			2	UNCH
OCT22								359.470 + 12.110			2	UNCH
NOV22								360.720 + 12.110			2	UNCH
DEC22								361.970 + 12.110			2	UNCH
JAN23								362.802 + 12.110			3	UNCH
FEB23								364.633 + 12.110			3	UNCH
MAR23								366.559 + 12.110			3	UNCH
APR23								368.735 + 12.110			3	UNCH
MAY23								371.161 + 12.110			3	UNCH
JUN23								373.658 + 12.110			3	UNCH
JUL23								376.155 + 12.110			3	UNCH
AUG23								378.402 + 12.110			3	UNCH
SEP23								380.352 + 12.110			3	UNCH
OCT23								382.301 + 12.110			3	UNCH
NOV23								384.251 + 12.110			3	UNCH
DEC23								386.974 + 12.110			3	UNCH
TOTAL R5M FUT											1014	
MEO FUT	MINI	GAS	EUROBOB	OXY	BARGES							
NOV20								374.629 + 4.165			964	UNCH
DEC20								404.613 + 19.511			562	UNCH
JAN21								408.808 + 19.114			10	UNCH
APR21								446.283 + 17.641			5	UNCH
MAY21								450.853 + 17.336			5	UNCH
JUN21								453.068 + 17.514			5	UNCH
OCT21								423.765 + 15.331			5	UNCH
NOV21								416.980 + 14.991			5	UNCH
DEC21								413.463 + 14.604			5	UNCH
TOTAL MEO FUT											1566	
MEB FUT	MINI	GAS	EUROBOB	OXY	NWE	ARGS	BALMO					
09NOV20								383.216 + 5.467			5	UNCH
10NOV20								384.564 + 5.832			5	UNCH
11NOV20								385.230 + 6.249			17	UNCH
12NOV20								384.997 + 6.729			12	UNCH
TOTAL MEB FUT											39	
MXB FUT	MINI	RBOB	V.	EBOB	(ARGUS)	NWE	BRGS					
NOV20								0.0936 - 0.0011			366	UNCH
DEC20								0.0945 - 0.0019			423	UNCH

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	MINI	RBOB V.	MINI	SETT. PRICE	PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
	ROBOB	ARGUS	NWE BRGS						
MXB FUT									
APR21	----	----	----	0.1299	- 0.0014	----	----	49	UNCH
MAY21	----	----	----	0.1176	- 0.0019	----	----	49	UNCH
JUN21	----	----	----	0.1049	- 0.0039	----	----	49	UNCH
TOTAL MXB FUT								936	
MTS FUT									
NOV20	----	----	----	274.656	+ 1.631	----	----	105	UNCH
DEC20	----	----	----	288.842	+ 7.758	----	9	50	UNCH
JAN21	----	----	----	286.295	+ 8.285	----	10	24	+ 10
FEB21	----	----	----	285.460	+ 8.662	----	----	2	UNCH
MAR21	----	----	----	284.519	+ 8.830	----	----	11	UNCH
APR21	----	----	----	283.722	+ 8.850	----	----	9	UNCH
MAY21	----	----	----	282.778	+ 8.913	----	----	21	UNCH
JUN21	----	----	----	281.333	+ 8.641	----	----	1	UNCH
JUL21	----	----	----	279.281	+ 8.016	----	----	1	UNCH
AUG21	----	----	----	277.979	+ 7.743	----	----	1	UNCH
SEP21	----	----	----	276.617	+ 7.516	----	----	1	UNCH
OCT21	----	----	----	275.398	+ 7.493	----	----	1	UNCH
NOV21	----	----	----	274.097	+ 7.869	----	----	1	UNCH
DEC21	----	----	----	273.068	+ 7.763	----	----	1	UNCH
TOTAL MTS FUT							19	229	+ 10
OF FUT									
NOV20	----	----	----	276.666	+ 1.542	----	----	1	UNCH
JAN21	----	----	----	291.212	+ 8.285	----	----	2	UNCH
FEB21	----	----	----	291.023	+ 8.558	----	----	2	UNCH
MAR21	----	----	----	290.769	+ 8.663	----	----	2	UNCH
APR21	----	----	----	290.660	+ 8.622	----	----	1	UNCH
MAY21	----	----	----	290.028	+ 8.996	----	----	2	UNCH
JUN21	----	----	----	288.999	+ 8.724	----	----	2	UNCH
JUL21	----	----	----	287.448	+ 8.558	----	----	2	UNCH
AUG21	----	----	----	286.646	+ 8.285	----	----	2	UNCH
SEP21	----	----	----	285.783	+ 8.057	----	----	2	UNCH
OCT21	----	----	----	285.065	+ 8.035	----	----	1	UNCH
TOTAL OF FUT								19	
SBM FUT									
09NOV20	----	----	----	349.107	+ 3.870	----	----	5	UNCH
TOTAL SBM FUT								5	
S5M FUT									
NOV20	----	----	----	340.010	+ 2.949	----	----	370	UNCH
DEC20	----	----	----	365.427	+ 13.648	----	20	324	- 20
JAN21	----	----	----	364.130	+ 14.175	----	6	366	+ 6
FEB21	----	----	----	363.545	+ 14.427	----	15	381	+ 15
MAR21	----	----	----	363.229	+ 14.845	----	9	411	+ 9
APR21	----	----	----	363.432	+ 14.990	----	6	295	+ 1
MAY21	----	----	----	363.738	+ 15.178	----	----	430	UNCH
JUN21	----	----	----	363.793	+ 14.906	----	----	253	UNCH
JUL21	----	----	----	363.741	+ 14.656	----	----	100	UNCH
AUG21	----	----	----	364.189	+ 14.508	----	----	65	UNCH
SEP21	----	----	----	364.577	+ 14.406	----	----	91	UNCH
OCT21	----	----	----	364.858	+ 14.383	----	----	37	UNCH
NOV21	----	----	----	364.557	+ 14.509	----	----	35	UNCH
DEC21	----	----	----	364.403	+ 14.153	----	----	35	UNCH
JAN22	----	----	----	363.935	+ 12.624	----	----	6	UNCH
FEB22	----	----	----	364.882	+ 12.205	----	----	4	UNCH
MAR22	----	----	----	365.829	+ 11.786	----	----	24	UNCH
APR22	----	----	----	366.776	+ 11.368	----	----	4	UNCH
MAY22	----	----	----	367.723	+ 10.949	----	----	4	UNCH
JUN22	----	----	----	368.920	+ 10.530	----	----	4	UNCH
JUL22	----	----	----	370.873	+ 10.530	----	----	1	UNCH
AUG22	----	----	----	372.826	+ 10.530	----	----	1	UNCH
SEP22	----	----	----	374.780	+ 10.530	----	----	1	UNCH
OCT22	----	----	----	376.233	+ 10.530	----	----	1	UNCH
NOV22	----	----	----	377.186	+ 10.530	----	----	1	UNCH
DEC22	----	----	----	378.139	+ 10.530	----	----	1	UNCH
TOTAL S5M FUT							56	3245	+ 11
MSG FUT									
NOV20	----	----	----	47.571	+ 0.477	----	----	96	UNCH
DEC20	----	----	----	52.547	+ 2.356	----	----	328	UNCH
JAN21	----	----	----	52.609	+ 2.304	----	----	103	UNCH
FEB21	----	----	----	52.826	+ 2.242	----	----	72	UNCH
MAR21	----	----	----	53.130	+ 2.209	----	----	98	UNCH
APR21	----	----	----	53.433	+ 2.163	----	----	121	UNCH
MAY21	----	----	----	53.717	+ 2.126	----	----	68	UNCH
JUN21	----	----	----	54.019	+ 2.041	----	----	86	UNCH

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	MINI SINGAPORE	GASOIL	PLATS	FUT	SETT. PRICE & PT. CHGE		GLOBAL <sup>®</sup> VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
MSG FUT										
JUL21	----	----	----	----	54.270 + 2.025		----	----	86	UNCH
AUG21	----	----	----	----	54.591 + 1.983		----	----	78	UNCH
SEP21	----	----	----	----	54.964 + 1.924		----	----	90	UNCH
OCT21	----	----	----	----	55.115 + 1.872		----	----	83	UNCH
NOV21	----	----	----	----	55.106 + 1.819		----	----	68	UNCH
DEC21	----	----	----	----	55.292 + 1.771		----	----	76	UNCH
JAN22	----	----	----	----	55.517 + 1.738		----	----	20	UNCH
FEB22	----	----	----	----	55.738 + 1.706		----	----	20	UNCH
TOTAL MSG FUT									1493	
1N FUT										
NOV20	----	----	----	----	45.443 + 0.489		----	----	1350	UNCH
DEC20	----	----	----	----	49.373 + 2.377		----	----	1013	UNCH
JAN21	----	----	----	----	49.746 + 2.304		----	----	450	UNCH
MAR21	----	----	----	----	50.584 + 2.141		----	----	275	UNCH
TOTAL 1N FUT									3088	
51 FUT										
JAN21	----	----	----	----	-104.157 NEW		----	1	1 +	1
FEB21	----	----	----	----	-99.571 NEW		----	1	1 +	1
MAR21	----	----	----	----	-87.860 NEW		----	1	1 +	1
TOTAL 51 FUT								3	3 +	3
MBL FUT										
NOV20	----	----	----	----	0.71349 + 0.00316		----	----	37	UNCH
DEC20	----	----	----	----	0.74000 + 0.00875		----	----	37	UNCH
JAN21	----	----	----	----	0.69500 + 0.01500		----	----	21	UNCH
FEB21	----	----	----	----	0.68000 + 0.01500		----	----	21	UNCH
MAR21	----	----	----	----	0.64000 + 0.01500		----	----	2	UNCH
APR21	----	----	----	----	0.61000 + 0.01250		----	----	2	UNCH
MAY21	----	----	----	----	0.59375 + 0.01125		----	----	2	UNCH
JUN21	----	----	----	----	0.58750 + 0.01000		----	----	1	UNCH
JUL21	----	----	----	----	0.59250 + 0.01000		----	----	2	UNCH
AUG21	----	----	----	----	0.59375 + 0.01000		----	----	2	UNCH
SEP21	----	----	----	----	0.59500 + 0.00875		----	----	2	UNCH
OCT21	----	----	----	----	0.59750 + 0.00875		----	----	2	UNCH
NOV21	----	----	----	----	0.60000 + 0.00875		----	----	2	UNCH
DEC21	----	----	----	----	0.60250 + 0.00750		----	----	2	UNCH
TOTAL MBL FUT									135	
1NM FUT										
NOV20	----	----	----	----	423.73 + 4.64		----	----	100	UNCH
TOTAL 1NM FUT									100	
NOB FUT										
NOV20	----	----	----	----	-2.325 - 0.085		----	----	47	UNCH
DEC20	----	----	----	----	-3.255 - 0.270		----	----	47	UNCH
JAN21	----	----	----	----	-2.975 - 0.316		----	----	40	UNCH
FEB21	----	----	----	----	-3.029 - 0.315		----	----	31	UNCH
MAR21	----	----	----	----	-3.194 - 0.292		----	----	31	UNCH
APR21	----	----	----	----	-3.411 - 0.232		----	----	29	UNCH
MAY21	----	----	----	----	-3.560 - 0.263		----	----	29	UNCH
JUN21	----	----	----	----	-3.706 - 0.260		----	----	29	UNCH
JUL21	----	----	----	----	-3.822 - 0.237		----	----	29	UNCH
AUG21	----	----	----	----	-3.906 - 0.244		----	----	29	UNCH
SEP21	----	----	----	----	-3.961 - 0.260		----	----	29	UNCH
OCT21	----	----	----	----	-3.989 - 0.220		----	----	29	UNCH
NOV21	----	----	----	----	-4.038 - 0.202		----	----	29	UNCH
DEC21	----	----	----	----	-4.132 - 0.190		----	----	29	UNCH
TOTAL NOB FUT									457	
FOC FUT										
NOV20	----	----	----	----	2.154 + 0.022		----	----	160	UNCH
DEC20	----	----	----	----	1.400 - 0.100		----	----	60	UNCH
TOTAL FOC FUT									220	
JET FUT										
NOV20	----	----	----	----	-0.0567 + 0.0009		----	----	390	UNCH
DEC20	----	----	----	----	-0.0800 UNCH		----	25	250 -	25
JAN21	----	----	----	----	-0.0850 - 0.0050		----	----	150	UNCH
TOTAL JET FUT								25	790 -	25
NLS FUT										
NOV20	----	----	----	----	0.1121 - 0.0043		----	----	25	UNCH
DEC20	----	----	----	----	0.1147 - 0.0107		----	----	25	UNCH
JAN21	----	----	----	----	0.1107 - 0.0092		----	----	35	UNCH
FEB21	----	----	----	----	0.1077 - 0.0079		----	----	35	UNCH
MAR21	----	----	----	----	0.1020 - 0.0068		----	----	35	UNCH
APR21	----	----	----	----	0.0985 - 0.0063		----	----	35	UNCH
MAY21	----	----	----	----	0.0973 - 0.0064		----	----	35	UNCH
JUN21	----	----	----	----	0.0967 - 0.0065		----	----	35	UNCH



	NY HARBOR LOW SULPUR GAS 1000MBSL	NY HARBOR RESIDUAL FUEL 1.0% S	NY ULSD VS HEAT OIL BALMO	NY ULSD(ARGUS) VS HO SPREAD	NY1% VS GC SPREAD	NYH NO 2 CRACK SPREAD CAL	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
NLS FUT											
JUL21	----	----	----	----	----	----	0.0966 - 0.0061	----	----	35	UNCH
AUG21	----	----	----	----	----	----	0.0978 - 0.0060	----	----	35	UNCH
SEP21	----	----	----	----	----	----	0.0980 - 0.0054	----	----	35	UNCH
OCT21	----	----	----	----	----	----	0.1013 - 0.0053	----	----	35	UNCH
NOV21	----	----	----	----	----	----	0.1067 - 0.0052	----	----	35	UNCH
DEC21	----	----	----	----	----	----	0.1091 - 0.0058	----	----	35	UNCH
JAN22	----	----	----	----	----	----	0.1059 - 0.0064	----	----	10	UNCH
FEB22	----	----	----	----	----	----	0.1000 - 0.0070	----	----	10	UNCH
MAR22	----	----	----	----	----	----	0.0917 - 0.0077	----	----	10	UNCH
APR22	----	----	----	----	----	----	0.0881 - 0.0087	----	----	10	UNCH
MAY22	----	----	----	----	----	----	0.0879 - 0.0090	----	----	10	UNCH
JUN22	----	----	----	----	----	----	0.0874 - 0.0092	----	----	10	UNCH
JUL22	----	----	----	----	----	----	0.0858 - 0.0091	----	----	10	UNCH
AUG22	----	----	----	----	----	----	0.0853 - 0.0091	----	----	10	UNCH
SEP22	----	----	----	----	----	----	0.0824 - 0.0102	----	----	10	UNCH
OCT22	----	----	----	----	----	----	0.0861 - 0.0119	----	----	10	UNCH
NOV22	----	----	----	----	----	----	0.0931 - 0.0131	----	----	10	UNCH
DEC22	----	----	----	----	----	----	0.0970 - 0.0135	----	----	10	UNCH
TOTAL NLS FUT										590	
MM FUT											
NOV20	----	----	----	----	----	----	46.47 + 0.20	----	----	240	UNCH
DEC20	----	----	----	----	----	----	50.10 + 1.30	----	----	520	UNCH
JAN21	----	----	----	----	----	----	50.00 + 1.30	----	----	150	UNCH
FEB21	----	----	----	----	----	----	49.90 + 1.32	----	----	122	UNCH
TOTAL MM FUT										1032	
ULB FUT											
05NOV20	----	----	----	----	----	----	-0.0043 + 0.0003	----	----	200	UNCH
09NOV20	----	----	----	----	----	----	-0.0045 + 0.0004	----	----	200	UNCH
TOTAL ULB FUT										400	
7Y FUT											
NOV20	----	----	----	----	----	----	-0.0040 + 0.0002	----	----	397	UNCH
DEC20	----	----	----	----	----	----	-0.0060 UNCH	----	----	397	UNCH
JAN21	----	----	----	----	----	----	-0.0080 UNCH	----	----	135	UNCH
FEB21	----	----	----	----	----	----	-0.0080 UNCH	----	----	121	UNCH
MAR21	----	----	----	----	----	----	-0.0080 UNCH	----	----	122	UNCH
APR21	----	----	----	----	----	----	-0.0080 UNCH	----	----	17	UNCH
MAY21	----	----	----	----	----	----	-0.0080 UNCH	----	----	16	UNCH
JUN21	----	----	----	----	----	----	-0.0080 UNCH	----	----	16	UNCH
JUL21	----	----	----	----	----	----	-0.0080 UNCH	----	----	5	UNCH
AUG21	----	----	----	----	----	----	-0.0080 UNCH	----	----	5	UNCH
SEP21	----	----	----	----	----	----	-0.0080 UNCH	----	----	5	UNCH
OCT21	----	----	----	----	----	----	-0.0080 UNCH	----	----	4	UNCH
NOV21	----	----	----	----	----	----	-0.0080 UNCH	----	----	4	UNCH
DEC21	----	----	----	----	----	----	-0.0080 UNCH	----	----	3	UNCH
TOTAL 7Y FUT										1247	
VR FUT											
NOV20	----	----	----	----	----	----	6.738 UNCH	----	----	30	UNCH
DEC20	----	----	----	----	----	----	6.850 + 0.100	----	----	30	UNCH
JAN21	----	----	----	----	----	----	6.950 + 0.100	----	----	35	UNCH
FEB21	----	----	----	----	----	----	7.050 + 0.125	----	----	35	UNCH
MAR21	----	----	----	----	----	----	7.200 + 0.175	----	----	35	UNCH
APR21	----	----	----	----	----	----	7.325 + 0.175	----	----	35	UNCH
MAY21	----	----	----	----	----	----	7.475 + 0.175	----	----	35	UNCH
JUN21	----	----	----	----	----	----	7.650 + 0.175	----	----	35	UNCH
JUL21	----	----	----	----	----	----	7.850 + 0.175	----	----	30	UNCH
AUG21	----	----	----	----	----	----	8.025 + 0.150	----	----	30	UNCH
SEP21	----	----	----	----	----	----	8.200 + 0.125	----	----	30	UNCH
OCT21	----	----	----	----	----	----	8.450 + 0.125	----	----	30	UNCH
NOV21	----	----	----	----	----	----	8.725 + 0.175	----	----	30	UNCH
DEC21	----	----	----	----	----	----	8.975 + 0.200	----	----	30	UNCH
TOTAL VR FUT										450	
HK FUT											
NOV20	----	----	----	----	----	----	11.07 + 0.04	----	----	354	UNCH
DEC20	----	----	----	----	----	----	12.33 + 0.20	----	----	414	UNCH
JAN21	----	----	----	----	----	----	12.43 + 0.21	----	----	170	UNCH
FEB21	----	----	----	----	----	----	12.58 + 0.23	----	----	170	UNCH
MAR21	----	----	----	----	----	----	12.60 + 0.23	----	----	170	UNCH
APR21	----	----	----	----	----	----	12.73 + 0.25	----	----	170	UNCH
MAY21	----	----	----	----	----	----	12.96 + 0.25	----	----	170	UNCH
JUN21	----	----	----	----	----	----	13.29 + 0.25	----	----	170	UNCH
JUL21	----	----	----	----	----	----	13.70 + 0.29	----	70	175 + 70	
AUG21	----	----	----	----	----	----	14.14 + 0.33	----	70	175 + 70	
SEP21	----	----	----	----	----	----	14.60 + 0.36	----	70	175 + 70	

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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	NYH NO 2 CRACK SPREAD CAL	NYMEX HEATING OIL FUTURES	NYMEX NY HARBOR HEAT OIL CLNDR	NYMEX RBOB GASOLINE FUTURES	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST
HK FUT										
OCT21	----	----	1.2458	1.2582	----	----	0.39	----	15	185 - 15
NOV21	----	----	1.3642	1.2510	----	----	0.40	----	15	185 - 15
DEC21	----	----	1.3713	1.2510	----	----	0.40	----	15	185 - 15
JAN23	----	----	1.3774	1.4915	----	----	0.31	----	----	8 UNCH
FEB23	----	----	1.3803	1.4972	----	----	0.30	----	----	8 UNCH
MAR23	----	----	1.3844	1.4945	----	----	0.29	----	----	8 UNCH
APR23	----	----	1.3895	1.4945	----	----	0.28	----	----	8 UNCH
MAY23	----	----	1.4044	1.4950	----	----	0.27	----	----	8 UNCH
JUN23	----	----	1.4132	1.5039	----	----	0.30	----	----	8 UNCH
JUL23	----	----	1.4223	1.5089	----	----	0.33	----	----	8 UNCH
AUG23	----	----	1.4300	1.5159	----	----	0.34	----	----	8 UNCH
SEP23	----	----	1.4352	1.5244	----	----	0.31	----	----	8 UNCH
OCT23	----	----	1.4420	1.5264	----	----	0.10	----	----	8 UNCH
NOV23	----	----	1.4453	1.5264	----	----	0.06	----	----	8 UNCH
DEC23	----	----	1.4479	1.5314	----	----	0.09	----	----	8 UNCH
TOTAL HK FUT									255	2964 + 165
BH FUT										
DEC20	----	----	1.3595	1.2582	----	----	0.0490	----	----	10 UNCH
JAN21	----	----	1.3642	1.2510	----	----	0.0484	----	----	9 UNCH
FEB21	----	----	1.3713	1.2510	----	----	0.0482	----	----	9 UNCH
MAR21	----	----	1.3774	1.4945	----	----	0.0478	----	----	9 UNCH
APR21	----	----	1.3803	1.4945	----	----	0.0473	----	----	9 UNCH
MAY21	----	----	1.3844	1.4945	----	----	0.0461	----	----	9 UNCH
JUN21	----	----	1.3895	1.5039	----	----	0.0445	----	----	9 UNCH
JUL21	----	----	1.3965	1.5089	----	----	0.0428	----	----	9 UNCH
AUG21	----	----	1.4044	1.5159	----	----	0.0416	----	----	9 UNCH
SEP21	----	----	1.4132	1.5244	----	----	0.0406	----	----	9 UNCH
OCT21	----	----	1.4223	1.5264	----	----	0.0398	----	----	9 UNCH
NOV21	----	----	1.4300	1.5264	----	----	0.0389	----	----	9 UNCH
DEC21	----	----	1.4352	1.5314	----	----	0.0377	----	----	9 UNCH
TOTAL BH FUT										118
MP FUT										
NOV20	----	----	1.2458	1.2582	----	----	0.0098	----	----	929 UNCH
DEC20	----	----	1.3642	1.2510	----	----	0.0484	750	750	1665 + 750
JAN21	----	----	1.3713	1.2510	----	----	0.0482	750	750	1168 + 676
FEB21	----	----	1.3774	1.4945	----	----	0.0478	----	----	485 UNCH
MAR21	----	----	1.3803	1.4945	----	----	0.0473	----	----	605 UNCH
APR21	----	----	1.3844	1.4945	----	----	0.0461	----	----	432 UNCH
MAY21	----	----	1.3895	1.4945	----	----	0.0445	----	----	429 UNCH
JUN21	----	----	1.3965	1.5039	----	----	0.0428	----	----	414 UNCH
JUL21	----	----	1.4044	1.5089	----	----	0.0416	----	----	533 UNCH
AUG21	----	----	1.4132	1.5159	----	----	0.0406	----	----	542 UNCH
SEP21	----	----	1.4223	1.5244	----	----	0.0398	----	----	532 UNCH
OCT21	----	----	1.4300	1.5264	----	----	0.0389	----	----	602 UNCH
NOV21	----	----	1.4352	1.5264	----	----	0.0377	----	----	582 UNCH
DEC21	----	----	1.4420	1.5314	----	----	0.0360	----	----	566 UNCH
JAN22	----	----	1.4453	1.4915	----	----	0.0347	----	----	176 UNCH
FEB22	----	----	1.4446	1.4972	----	----	0.0332	----	----	177 UNCH
MAR22	----	----	1.4408	1.4945	----	----	0.0317	----	----	176 UNCH
APR22	----	----	1.4404	1.4945	----	----	0.0299	----	----	221 UNCH
MAY22	----	----	1.4424	1.4945	----	----	0.0289	----	----	218 UNCH
JUN22	----	----	1.4479	1.5039	----	----	0.0283	----	----	218 UNCH
JUL22	----	----	1.4536	1.5089	----	----	0.0279	----	----	184 UNCH
AUG22	----	----	1.4602	1.5159	----	----	0.0276	----	----	169 UNCH
SEP22	----	----	1.4647	1.5244	----	----	0.0265	----	----	169 UNCH
OCT22	----	----	1.4697	1.5264	----	----	0.0249	----	----	169 UNCH
NOV22	----	----	1.4745	1.5264	----	----	0.0237	----	----	169 UNCH
DEC22	----	----	1.4830	1.5314	----	----	0.0228	40	40	221 + 40
JAN23	----	----	1.4915	1.4915	----	----	0.0208	10	10	36 + 10
FEB23	----	----	1.4972	1.4972	----	----	0.0201	10	10	36 + 10
MAR23	----	----	1.4945	1.4945	----	----	0.0191	10	10	36 + 10
APR23	----	----	1.4948	1.4948	----	----	0.0182	10	10	36 + 10
MAY23	----	----	1.4950	1.4950	----	----	0.0172	10	10	36 + 10
JUN23	----	----	1.5039	1.5039	----	----	0.0171	10	10	36 + 10
JUL23	----	----	1.5089	1.5089	----	----	0.0169	----	----	26 UNCH
AUG23	----	----	1.5159	1.5159	----	----	0.0165	----	----	26 UNCH
SEP23	----	----	1.5244	1.5244	----	----	0.0157	----	----	26 UNCH
OCT23	----	----	1.5264	1.5264	----	----	0.0100	----	----	26 UNCH
NOV23	----	----	1.5264	1.5264	----	----	0.0087	----	----	26 UNCH
DEC23	----	----	1.5314	1.5314	----	----	0.0087	----	----	26 UNCH
TOTAL MP FUT									1600	12123 + 1526
RT FUT										
DEC20	----	----	1.2582	1.2582	----	----	0.0542	----	----	7 UNCH
JAN21	----	----	1.2510	1.2510	----	----	0.0539	----	----	7 UNCH

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ENERGY FUTURES PRODUCTS

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	RT FUT	NYMEX	ROBOB	GASOLINE	FUTURES	SETT. PRICE & PT. CHGE	+	-	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
	FEB21		----		----	1.2585	+	0.0535	----	----	7	UNCH
	MAR21		----		----	1.2751	+	0.0524	----	----	7	UNCH
	APR21		----		----	1.3930	+	0.0503	----	----	7	UNCH
	MAY21		----		----	1.4055	+	0.0490	----	----	7	UNCH
	JUN21		----		----	1.4063	+	0.0477	----	----	7	UNCH
	JUL21		----		----	1.3999	+	0.0462	----	----	7	UNCH
	AUG21		----		----	1.3880	+	0.0454	----	----	7	UNCH
	SEP21		----		----	1.3692	+	0.0453	----	----	7	UNCH
	OCT21		----		----	1.2861	+	0.0427	----	----	7	UNCH
	NOV21		----		----	1.2634	+	0.0421	----	----	7	UNCH
	DEC21		----		----	1.2497	+	0.0424	----	----	7	UNCH
TOTAL	RT FUT										91	
	RL FUT		ROBOB	CALENDAR	FUTURE							
	NOV20		----		----	1.1644	+	0.0108	----	----	3918	UNCH
	DEC20		----		----	1.2510	+	0.0539	----	575	2059 + 424	
	JAN21		----		----	1.2585	+	0.0535	----	45	886 + 45	
	FEB21		----		----	1.2751	+	0.0524	----	95	852 + 15	
	MAR21		----		----	1.3930	+	0.0503	----	60	382 - 40	
	APR21		----		----	1.4055	+	0.0490	----	----	524	UNCH
	MAY21		----		----	1.4063	+	0.0477	----	----	501	UNCH
	JUN21		----		----	1.3999	+	0.0462	----	----	502	UNCH
	JUL21		----		----	1.3880	+	0.0454	----	----	287	UNCH
	AUG21		----		----	1.3692	+	0.0453	----	----	287	UNCH
	SEP21		----		----	1.2861	+	0.0427	----	----	285	UNCH
	OCT21		----		----	1.2634	+	0.0421	----	----	96	UNCH
	NOV21		----		----	1.2497	+	0.0424	----	----	595	UNCH
	DEC21		----		----	1.2512	+	0.0424	----	----	98	UNCH
	JAN22		----		----	1.2598	+	0.0422	----	----	94	UNCH
	FEB22		----		----	1.2753	+	0.0404	----	----	94	UNCH
	MAR22		----		----	1.4143	+	0.0402	----	----	94	UNCH
	APR22		----		----	1.4304	+	0.0371	----	----	94	UNCH
	MAY22		----		----	1.4381	+	0.0348	----	----	94	UNCH
	JUN22		----		----	1.4326	+	0.0358	----	----	94	UNCH
	JUL22		----		----	1.4290	+	0.0352	----	----	94	UNCH
	AUG22		----		----	1.4154	+	0.0342	----	----	94	UNCH
	SEP22		----		----	1.3005	+	0.0322	----	----	94	UNCH
	OCT22		----		----	1.2730	+	0.0303	----	----	94	UNCH
	NOV22		----		----	1.2573	+	0.0283	----	----	94	UNCH
	DEC22		----		----	1.2615	+	0.0282	----	----	94	UNCH
TOTAL	RL FUT									775	12400 + 444	
	RM FUT		ROBOB	CRACK	SPREAD							
	NOV20		----		----	7.65	+	0.08	----	----	355	UNCH
	DEC20		----		----	7.57	+	0.42	----	----	355	UNCH
	JAN21		----		----	7.70	+	0.44	----	----	235	UNCH
	FEB21		----		----	8.28	+	0.42	----	----	235	UNCH
	MAR21		----		----	13.14	+	0.37	----	----	185	UNCH
	APR21		----		----	13.62	+	0.38	----	----	185	UNCH
	MAY21		----		----	13.66	+	0.38	----	----	185	UNCH
	JUN21		----		----	13.44	+	0.40	----	----	145	UNCH
	JUL21		----		----	13.02	+	0.46	----	----	45	UNCH
	AUG21		----		----	12.30	+	0.54	----	----	45	UNCH
	SEP21		----		----	8.88	+	0.49	----	----	45	UNCH
	OCT21		----		----	7.99	+	0.53	----	35	35 - 35	
	NOV21		----		----	7.49	+	0.60	----	35	35 - 35	
	DEC21		----		----	7.64	+	0.67	----	35	35 - 35	
TOTAL	RM FUT									105	2120 - 105	
	EXR FUT		ROBOB	GAS	VS	EUROBOB	(ARGUS)	NWE	BRGS			
	NOV20		----		----	0.0936	-	0.0011	----	----	228	UNCH
	DEC20		----		----	0.0945	-	0.0019	----	10	210	UNCH
	JAN21		----		----	0.0900	-	0.0011	----	----	68	UNCH
	FEB21		----		----	0.0928	-	0.0014	----	----	80	UNCH
	MAR21		----		----	0.1971	-	0.0025	----	----	68	UNCH
	APR21		----		----	0.1299	-	0.0014	----	8	134 + 5	
	MAY21		----		----	0.1176	-	0.0019	----	8	134 + 5	
	JUN21		----		----	0.1049	-	0.0039	----	8	134 + 5	
	OCT21		----		----	0.0522	-	0.0017	----	----	2	UNCH
	NOV21		----		----	0.0579	-	0.0004	----	----	2	UNCH
	DEC21		----		----	0.0694	+	0.0007	----	----	38	UNCH
TOTAL	EXR FUT									34	1098 + 15	
	RBB FUT		ROBOB	GAS	VS.	BRENT	CRCK	SPRD				
	NOV20		----		----	4.964	+	0.028	----	----	1716	UNCH
	DEC20		----		----	4.762	+	0.523	----	----	2034	UNCH
	JAN21		----		----	5.076	+	0.497	----	----	325	UNCH

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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
RBB FUT	RBOB GAS VS. BRENT CRCK SPRD							
FEB21	----	----	5.752 + 0.451		----	----	325	UNCH
MAR21	----	----	10.676 + 0.375		----	----	325	UNCH
APR21	----	----	11.193 + 0.360		----	----	303	UNCH
MAY21	----	----	11.266 + 0.349		----	----	303	UNCH
JUN21	----	----	11.006 + 0.333		----	----	303	UNCH
JUL21	----	----	10.517 + 0.349		----	----	325	UNCH
AUG21	----	----	9.747 + 0.384		----	----	325	UNCH
SEP21	----	----	6.287 + 0.325		----	----	325	UNCH
OCT21	----	----	5.354 + 0.349		----	----	267	UNCH
NOV21	----	----	4.808 + 0.403		----	----	267	UNCH
DEC21	----	----	4.888 + 0.465		----	----	267	UNCH
JAN22	----	----	5.232 + 0.516		----	----	11	UNCH
FEB22	----	----	5.872 + 0.490		----	----	11	UNCH
MAR22	----	----	11.690 + 0.541		----	----	11	UNCH
APR22	----	----	12.346 + 0.471		----	25	15 + 4	
MAY22	----	----	12.649 + 0.423		----	25	15 + 4	
JUN22	----	----	12.398 + 0.515		----	25	15 + 4	
JUL22	----	----	12.228 + 0.530		----	----	11	UNCH
AUG22	----	----	11.646 + 0.529		----	----	11	UNCH
SEP22	----	----	6.800 + 0.484		----	----	11	UNCH
OCT22	----	----	5.626 + 0.445		----	----	11	UNCH
NOV22	----	----	4.976 + 0.421		----	----	11	UNCH
DEC22	----	----	5.116 + 0.447		----	----	11	UNCH
TOTAL RBB FUT						75	7554 + 12	
1D FUT	RBOB GASOLINE BALMO CLNDR							
03NOV20	----	----	1.1703 + 0.0114		----	----	15	UNCH
05NOV20	----	----	1.1795 + 0.0128		----	----	120	UNCH
16NOV20	----	----	1.2037 + 0.0216		----	----	42	UNCH
24NOV20	----	----	1.2582 + 0.0542		----	----	74	UNCH
TOTAL 1D FUT							251	
RH FUT	RBOB VS HEATING OIL							
NOV20	----	----	-0.0814 + 0.0010		----	----	75	UNCH
DEC20	----	----	-0.1132 + 0.0055		----	----	75	UNCH
JAN21	----	----	-0.1128 + 0.0053		----	----	25	UNCH
FEB21	----	----	-0.1023 + 0.0046		----	----	25	UNCH
MAR21	----	----	0.0127 + 0.0030		----	----	25	UNCH
APR21	----	----	0.0211 + 0.0029		----	----	25	UNCH
MAY21	----	----	0.0168 + 0.0032		----	----	25	UNCH
JUN21	----	----	0.0034 + 0.0034		----	----	25	UNCH
JUL21	----	----	-0.0164 + 0.0038		----	----	25	UNCH
AUG21	----	----	-0.0440 + 0.0047		----	----	25	UNCH
SEP21	----	----	-0.1362 + 0.0029		----	----	25	UNCH
OCT21	----	----	-0.1666 + 0.0032		----	----	25	UNCH
NOV21	----	----	-0.1855 + 0.0047		----	----	25	UNCH
DEC21	----	----	-0.1908 + 0.0064		----	----	25	UNCH
TOTAL RH FUT							450	
EVC FUT	SING 380 FUEL OIL VS FUEL OIL ROTDM							
NOV20	----	----	20.57 - 0.13		----	----	32	UNCH
DEC20	----	----	18.23 - 0.00		----	----	32	UNCH
TOTAL EVC FUT							64	
SE FUT	SINGAPORE 380CST FUEL OIL							
NOV20	----	----	274.66 + 1.63		----	----	98	UNCH
DEC20	----	----	288.84 + 7.76		----	----	205	UNCH
JAN21	----	----	286.30 + 8.29		----	----	59	UNCH
FEB21	----	----	285.46 + 8.66		----	----	2	UNCH
MAR21	----	----	284.52 + 8.83		----	----	2	UNCH
APR21	----	----	283.72 + 8.85		----	----	2	UNCH
MAY21	----	----	282.78 + 8.91		----	----	2	UNCH
JUN21	----	----	281.33 + 8.64		----	----	2	UNCH
JUL21	----	----	279.28 + 8.02		----	----	2	UNCH
AUG21	----	----	277.98 + 7.74		----	----	2	UNCH
SEP21	----	----	276.62 + 7.52		----	----	2	UNCH
OCT21	----	----	275.40 + 7.49		----	----	2	UNCH
NOV21	----	----	274.10 + 7.87		----	----	2	UNCH
DEC21	----	----	273.07 + 7.76		----	----	2	UNCH
TOTAL SE FUT							384	
S53 FUT	SINGAPORE FOB MARINE 0.5% (PLATTS)							
NOV20	----	----	65.354 + 1.318		----	----	4	UNCH
DEC20	----	----	76.585 + 5.890		----	----	4	UNCH
JAN21	----	----	77.835 + 5.890		----	----	2	UNCH
FEB21	----	----	78.085 + 5.765		----	----	2	UNCH
MAR21	----	----	78.710 + 6.015		----	----	2	UNCH
APR21	----	----	79.710 + 6.140		----	----	2	UNCH

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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
S53 FUT	SINGAPORE FOB MARINE 0.5% (PLATTS)							
MAY21	----	----	80.960 + 6.265		----	----	2	UNCH
JUN21	----	----	82.460 + 6.265		----	----	2	UNCH
JUL21	----	----	84.460 + 6.640		----	----	2	UNCH
AUG21	----	----	86.210 + 6.765		----	----	2	UNCH
SEP21	----	----	87.960 + 6.890		----	----	2	UNCH
OCT21	----	----	89.460 + 6.890		----	----	2	UNCH
NOV21	----	----	90.460 + 6.640		----	----	2	UNCH
DEC21	----	----	91.335 + 6.390		----	----	2	UNCH
TOTAL S53 FUT							32	
S5F FUT	SINGAPORE FOB MARINE FUEL 0.5% (PLA							
NOV20	----	----	340.010 + 2.949		----	----	47	UNCH
DEC20	----	----	365.427 + 13.648		----	----	66	UNCH
JAN21	----	----	364.130 + 14.175		----	----	32	UNCH
FEB21	----	----	363.545 + 14.427		----	----	34	UNCH
MAR21	----	----	363.229 + 14.845		----	----	34	UNCH
APR21	----	----	363.432 + 14.990		----	----	28	UNCH
MAY21	----	----	363.738 + 15.178		----	----	33	UNCH
JUN21	----	----	363.793 + 14.906		----	----	28	UNCH
JUL21	----	----	363.741 + 14.656		----	----	9	UNCH
AUG21	----	----	364.189 + 14.508		----	----	9	UNCH
SEP21	----	----	364.577 + 14.406		----	----	9	UNCH
OCT21	----	----	364.858 + 14.383		----	----	9	UNCH
NOV21	----	----	364.557 + 14.509		----	----	9	UNCH
DEC21	----	----	364.403 + 14.153		----	----	9	UNCH
TOTAL S5F FUT							356	
SD FUT	SINGAPORE FUEL OIL SPREAD							
NOV20	----	----	2.01 - 0.09		----	----	15	UNCH
DEC20	----	----	4.77 + 0.00		----	----	15	UNCH
TOTAL SD FUT							30	
SG FUT	SINGAPORE GASOIL							
NOV20	----	----	47.57 + 0.48		----	----	295	UNCH
DEC20	----	----	52.55 + 2.36		----	----	353	UNCH
JAN21	----	----	52.61 + 2.30		----	200	316 + 200	
FEB21	----	----	52.83 + 2.24		----	200	319 + 200	
MAR21	----	----	53.13 + 2.21		----	----	150	UNCH
APR21	----	----	53.43 + 2.16		----	----	75	UNCH
MAY21	----	----	53.72 + 2.13		----	----	76	UNCH
JUN21	----	----	54.02 + 2.04		----	----	79	UNCH
JUL21	----	----	54.27 + 2.03		----	----	61	UNCH
AUG21	----	----	54.59 + 1.98		----	----	58	UNCH
SEP21	----	----	54.96 + 1.92		----	----	73	UNCH
OCT21	----	----	55.12 + 1.87		----	----	23	UNCH
NOV21	----	----	55.11 + 1.82		----	----	11	UNCH
DEC21	----	----	55.29 + 1.77		----	----	9	UNCH
JAN22	----	----	55.52 + 1.74		----	----	9	UNCH
FEB22	----	----	55.74 + 1.71		----	----	7	UNCH
MAR22	----	----	55.93 + 1.67		----	----	6	UNCH
APR22	----	----	56.20 + 1.64		----	----	5	UNCH
MAY22	----	----	56.29 + 1.61		----	----	6	UNCH
JUN22	----	----	56.54 + 1.59		----	----	5	UNCH
JUL22	----	----	56.85 + 1.57		----	----	6	UNCH
AUG22	----	----	57.15 + 1.56		----	----	5	UNCH
SEP22	----	----	57.46 + 1.56		----	----	6	UNCH
OCT22	----	----	57.51 + 1.56		----	----	5	UNCH
NOV22	----	----	57.42 + 1.56		----	----	6	UNCH
DEC22	----	----	57.61 + 1.54		----	----	11	UNCH
TOTAL SG FUT						400	1975 + 400	
GA FUT	SINGAPORE GASOIL VS ICE							
NOV20	----	----	-0.05 - 0.11		----	----	570	UNCH
DEC20	----	----	0.07 - 0.13		----	----	570	UNCH
TOTAL GA FUT							1140	
RK FUT	SINGAPORE JET KERO GASOIL							
NOV20	----	----	-1.945 - 0.004		----	----	75	UNCH
DEC20	----	----	-2.110 - 0.085		----	----	50	UNCH
JAN21	----	----	-1.860 - 0.090		----	----	50	UNCH
FEB21	----	----	-1.730 - 0.050		----	----	50	UNCH
MAR21	----	----	-1.640 - 0.030		----	----	50	UNCH
APR21	----	----	-1.510 - 0.020		----	----	50	UNCH
MAY21	----	----	-1.360 - 0.010		----	----	50	UNCH
JUN21	----	----	-1.350 UNCH		----	----	50	UNCH
JUL21	----	----	-0.980 + 0.020		----	----	50	UNCH
AUG21	----	----	-0.980 + 0.020		----	----	50	UNCH
SEP21	----	----	-0.980 + 0.020		----	----	50	UNCH

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ENERGY FUTURES PRODUCTS

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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TOTAL RK FUT						575	
KS FUT	SINGAPORE JET KEROSENE						
NOV20	----	----	45.63 + 0.47	----	----	50	UNCH
DEC20	----	----	50.44 + 2.27	----	----	50	UNCH
JAN21	----	----	50.75 + 2.21	----	40	115 +	40
FEB21	----	----	51.10 + 2.19	----	25	75 +	25
MAR21	----	----	51.49 + 2.18	----	25	75 +	25
APR21	----	----	51.92 + 2.14	----	----	25	UNCH
MAY21	----	----	52.36 + 2.12	----	----	25	UNCH
JUN21	----	----	52.67 + 2.04	----	----	25	UNCH
JUL21	----	----	53.29 + 2.05	----	----	25	UNCH
AUG21	----	----	53.61 + 2.00	----	----	25	UNCH
SEP21	----	----	53.98 + 1.94	----	----	125	UNCH
TOTAL KS FUT					90	615 +	90
SMU FUT	SINGAPORE MOGAS95-SINGAPORE MOGAS92						
NOV20	----	----	1.191 - 0.023	----	----	10	UNCH
DEC20	----	----	1.300 UNCH	----	----	10	UNCH
TOTAL SMU FUT						20	
STR FUT	SPORE FUEL OIL 180CST 6.35 CK						
NOV20	----	----	-0.372 - 0.184	----	----	20	UNCH
DEC20	----	----	-1.542 - 0.518	----	----	20	UNCH
TOTAL STR FUT						40	
STS FUT	SPORE FUEL OIL 180CST 6.35 DUBAI CK						
NOV20	----	----	0.173 - 0.078	----	----	25	UNCH
DEC20	----	----	-0.902 - 0.501	----	----	25	UNCH
JUL21	----	----	-1.491 - 0.191	----	----	25	UNCH
AUG21	----	----	-1.557 - 0.193	----	----	25	UNCH
SEP21	----	----	-1.623 - 0.179	----	----	25	UNCH
OCT21	----	----	-1.656 - 0.124	----	----	50	UNCH
NOV21	----	----	-1.717 - 0.098	----	----	50	UNCH
DEC21	----	----	-1.719 - 0.123	----	----	50	UNCH
TOTAL STS FUT						275	
1NB FUT	SPORE MOGAS92 UNLD BRENT SPRD						
NOV20	----	----	1.502 + 0.063	----	----	100	UNCH
DEC20	----	----	1.593 + 0.636	----	----	100	UNCH
TOTAL 1NB FUT						200	
UCS FUT	UCOME BIO FO (REDCT)(AR) VS LSG FUT						
NOV20	----	----	876.091 - 3.744	----	----	65	UNCH
TOTAL UCS FUT						65	
1L FUT	ULSD UP-DOWN BALMO						
03NOV20	----	----	-0.0277 - 0.0004	----	----	750	UNCH
04NOV20	----	----	-0.0277 - 0.0004	----	----	450	UNCH
05NOV20	----	----	-0.0282 - 0.0004	----	----	265	UNCH
06NOV20	----	----	-0.0288 - 0.0005	----	----	610	UNCH
09NOV20	----	----	-0.0299 - 0.0004	----	----	1065	UNCH
10NOV20	----	----	-0.0300 - 0.0005	----	----	510	UNCH
11NOV20	----	----	-0.0302 - 0.0006	----	----	300	UNCH
12NOV20	----	----	-0.0300 - 0.0006	----	----	100	UNCH
16NOV20	----	----	-0.0289 - 0.0007	----	----	200	UNCH
18NOV20	----	----	-0.0269 - 0.0009	----	----	25	UNCH
19NOV20	----	----	-0.0268 - 0.0010	----	----	695	UNCH
20NOV20	----	----	-0.0282 - 0.0012	----	----	625	UNCH
TOTAL 1L FUT						5595	
LT FUT	UP DOWN GC ULSD VS NMX HO SPRD						
NOV20	----	----	-0.0279 - 0.0003	----	----	7181	UNCH
DEC20	----	----	-0.0450 - 0.0010	----	240	12345 +	10
JAN21	----	----	-0.0470 - 0.0020	----	400	4691 +	25
FEB21	----	----	-0.0475 - 0.0040	----	300	3796 -	28
MAR21	----	----	-0.0480 - 0.0055	----	300	4277 -	75
APR21	----	----	-0.0485 - 0.0010	----	125	1981 +	100
MAY21	----	----	-0.0485 - 0.0010	----	125	1976 +	100
JUN21	----	----	-0.0485 - 0.0010	----	125	1976 +	100
JUL21	----	----	-0.0485 - 0.0010	----	220	2485 +	125
AUG21	----	----	-0.0485 - 0.0010	----	220	2485 +	125
SEP21	----	----	-0.0485 - 0.0010	----	220	2685 +	125
OCT21	----	----	-0.0450 UNCH	----	----	993	UNCH
NOV21	----	----	-0.0550 UNCH	----	----	1143	UNCH
DEC21	----	----	-0.0650 UNCH	----	----	993	UNCH
JAN22	----	----	-0.0550 UNCH	----	----	135	UNCH
FEB22	----	----	-0.0500 UNCH	----	----	135	UNCH
MAR22	----	----	-0.0450 UNCH	----	----	135	UNCH
APR22	----	----	-0.0400 UNCH	----	----	135	UNCH
MAY22	----	----	-0.0400 UNCH	----	----	135	UNCH
JUN22	----	----	-0.0400 UNCH	----	----	135	UNCH

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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

		GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
LT FUT		UP	DOWN	GC	ULSD	VS	NMX	HO	SPRD		
JUL22				----				----		-0.0375	UNCH
AUG22				----				----		-0.0375	UNCH
SEP22				----				----		-0.0375	UNCH
OCT22				----				----		-0.0450	UNCH
NOV22				----				----		-0.0550	UNCH
DEC22				----				----		-0.0650	UNCH
JAN23				----				----		-0.0525	UNCH
FEB23				----				----		-0.0475	UNCH
MAR23				----				----		-0.0425	UNCH
APR23				----				----		-0.0425	UNCH
MAY23				----				----		-0.0425	UNCH
JUN23				----				----		-0.0425	UNCH
JUL23				----				----		-0.0425	UNCH
AUG23				----				----		-0.0425	UNCH
SEP23				----				----		-0.0425	UNCH
OCT23				----				----		-0.0425	UNCH
NOV23				----				----		-0.0425	UNCH
DEC23				----				----		-0.0425	UNCH
TOTAL	LT FUT										2275
											50834 + 607
H5F FUT		USGC MARINE FUEL 0.5% (PLATTS) FUTU									
NOV20				----				----		51.16 + 0.35	73 UNCH
DEC20				----				----		55.12 + 1.99	248 UNCH
JAN21				----				----		54.87 + 1.99	115 UNCH
FEB21				----				----		54.80 + 1.98	15 UNCH
MAR21				----				----		54.77 + 1.99	15 UNCH
APR21				----				----		54.77 + 1.99	10 UNCH
MAY21				----				----		54.77 + 1.97	10 UNCH
JUN21				----				----		54.77 + 1.95	10 UNCH
TOTAL	H5F FUT										496
H5G FUT		USGC MARINE FUEL 0.5% (PLATTS) VS.									
NOV20				----				----		11.43 + 0.15	92 UNCH
DEC20				----				----		11.87 + 0.79	92 UNCH
TOTAL	H5G FUT										184
UP5 FUT		USGC MARINE FUEL 0.5% BARGES (PLATT)									
NOV20				----				----		324.873 + 2.212	33 UNCH
DEC20				----				----		349.993 + 12.598	33 UNCH
TOTAL	UP5 FUT										66

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		
NOV20				----				----		77.841 + 0.468	85 UNCH
DEC20				----				----		81.000 + 5.167	114 UNCH
JAN21				----				----		75.500 + 4.667	112 UNCH
FEB21				----				----		67.000 + 3.333	61 UNCH
MAR21				----				----		61.500 + 2.583	61 UNCH
APR21				----				----		55.833 + 1.583	25 UNCH
MAY21				----				----		49.667 + 0.584	25 UNCH
JUN21				----				----		46.000 - 0.250	39 + 2
JUL21				----				----		44.333 - 0.750	57 + 1
AUG21				----				----		43.500 - 0.250	11 UNCH
SEP21				----				----		43.000 - 0.083	11 UNCH
OCT21				----				----		42.667 + 0.250	63 UNCH
NOV21				----				----		42.500 + 0.583	38 UNCH
DEC21				----				----		42.167 + 0.750	46 UNCH
JAN22				----				----		42.000 + 0.750	1 UNCH
FEB22				----				----		42.000 + 0.917	1 UNCH
MAR22				----				----		42.000 + 1.250	1 UNCH
APR22				----				----		42.000 + 1.583	1 UNCH
MAY22				----				----		42.000 + 1.917	1 UNCH
JUN22				----				----		42.000 + 1.917	1 UNCH
JUL22				----				----		42.000 + 1.917	1 UNCH
AUG22				----				----		42.000 + 1.917	1 UNCH
SEP22				----				----		42.000 + 1.917	1 UNCH
OCT22				----				----		42.000 + 1.917	1 UNCH
NOV22				----				----		42.000 + 1.917	1 UNCH
DEC22				----				----		41.500 + 0.375	1 UNCH
TOTAL	91 FUT										13
											760 + 3
7E FUT		ARGUS PROPAN FAR EST INDEX									
NOV20				----				----		457.214 + 3.362	761 UNCH
DEC20				----				----		469.773 + 18.759	766 + 8

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7E FUT	ARGUS	PROPAN	FAR	EST	INDEX					
JAN21	----	----	----	----	----	461.648 + 17.178	----	80	676 +	9
FEB21	----	----	----	----	----	446.608 + 13.982	----	59	359 +	24
MAR21	----	----	----	----	----	421.259 + 12.141	----	22	330 +	6
APR21	----	----	----	----	----	395.983 + 9.693	----	10	164 +	7
MAY21	----	----	----	----	----	380.480 + 8.022	----	10	115 +	5
JUN21	----	----	----	----	----	370.184 + 5.957	----	10	234 +	7
JUL21	----	----	----	----	----	366.379 + 5.044	----	20	208 -	10
AUG21	----	----	----	----	----	368.457 + 5.296	----	20	163 -	10
SEP21	----	----	----	----	----	372.202 + 5.041	----	20	151 -	9
OCT21	----	----	----	----	----	376.195 + 4.964	----	10	165	UNCH
NOV21	----	----	----	----	----	380.235 + 4.750	----	10	150	UNCH
DEC21	----	----	----	----	----	384.084 + 4.393	----	10	269 +	10
JAN22	----	----	----	----	----	387.234 + 4.374	----	----	20	UNCH
FEB22	----	----	----	----	----	384.732 + 4.823	----	----	20	UNCH
MAR22	----	----	----	----	----	369.600 + 4.987	----	----	20	UNCH
APR22	----	----	----	----	----	354.677 + 4.896	----	----	11	UNCH
MAY22	----	----	----	----	----	350.209 + 5.227	----	----	11	UNCH
JUN22	----	----	----	----	----	348.829 + 5.109	----	----	11	UNCH
JUL22	----	----	----	----	----	348.780 + 5.030	----	----	10	UNCH
AUG22	----	----	----	----	----	352.697 + 4.823	----	----	10	UNCH
SEP22	----	----	----	----	----	357.445 + 4.695	----	----	10	UNCH
OCT22	----	----	----	----	----	362.429 + 4.602	----	----	10	UNCH
NOV22	----	----	----	----	----	370.585 + 4.140	----	----	10	UNCH
DEC22	----	----	----	----	----	374.668 + 2.762	----	----	10	UNCH
TOTAL 7E FUT								349	4664 +	47
9N FUT	ARGUS	PROPAN(SAUDI ARAMCO)								
DEC20	----	----	----	----	----	453.273 + 6.259	----	27	626 -	8
JAN21	----	----	----	----	----	446.648 + 13.178	----	51	450 +	10
FEB21	----	----	----	----	----	433.108 + 12.232	----	22	165 +	4
MAR21	----	----	----	----	----	409.259 + 11.641	----	5	189	UNCH
APR21	----	----	----	----	----	384.983 + 10.693	----	5	103	UNCH
MAY21	----	----	----	----	----	368.813 + 8.272	----	----	52	UNCH
JUN21	----	----	----	----	----	358.351 + 7.957	----	----	60	UNCH
JUL21	----	----	----	----	----	351.379 + 6.877	----	10	45	UNCH
AUG21	----	----	----	----	----	352.290 + 6.296	----	10	51 +	2
SEP21	----	----	----	----	----	355.035 + 5.124	----	10	61	UNCH
OCT21	----	----	----	----	----	358.695 + 4.797	----	10	54	UNCH
NOV21	----	----	----	----	----	362.568 + 4.500	----	10	54	UNCH
DEC21	----	----	----	----	----	366.417 + 4.226	----	10	72	UNCH
JAN22	----	----	----	----	----	369.567 + 4.290	----	----	29	UNCH
FEB22	----	----	----	----	----	368.232 + 3.740	----	----	3	UNCH
MAR22	----	----	----	----	----	353.100 + 3.737	----	----	3	UNCH
APR22	----	----	----	----	----	338.177 + 3.813	----	----	3	UNCH
MAY22	----	----	----	----	----	333.542 + 3.810	----	----	3	UNCH
JUN22	----	----	----	----	----	332.162 + 3.692	----	----	3	UNCH
JUL22	----	----	----	----	----	332.947 + 3.614	----	----	3	UNCH
AUG22	----	----	----	----	----	336.864 + 3.407	----	----	3	UNCH
SEP22	----	----	----	----	----	341.445 + 3.278	----	----	3	UNCH
OCT22	----	----	----	----	----	345.929 + 3.185	----	----	3	UNCH
NOV22	----	----	----	----	----	353.585 + 2.723	----	----	3	UNCH
DEC22	----	----	----	----	----	356.918 + 2.387	----	----	3	UNCH
TOTAL 9N FUT								170	2044 +	8
22 FUT	ARGUS	PROPANE	FAR	E	INDX BALMO					
02NOV20	----	----	----	----	----	457.214 + 3.362	----	----	2	UNCH
03NOV20	----	----	----	----	----	457.725 + 3.531	----	----	16	UNCH
04NOV20	----	----	----	----	----	457.605 + 3.716	----	----	5	UNCH
05NOV20	----	----	----	----	----	457.584 + 3.924	----	----	6	UNCH
06NOV20	----	----	----	----	----	457.265 + 4.154	----	----	17	UNCH
09NOV20	----	----	----	----	----	457.032 + 4.414	----	----	8	UNCH
11NOV20	----	----	----	----	----	456.643 + 5.044	----	----	4	UNCH
12NOV20	----	----	----	----	----	456.077 + 5.432	----	----	2	UNCH
13NOV20	----	----	----	----	----	454.834 + 5.885	----	----	26	UNCH
17NOV20	----	----	----	----	----	453.200 + 7.061	----	----	41	UNCH
19NOV20	----	----	----	----	----	454.438 + 8.827	----	----	8	UNCH
TOTAL 22 FUT									135	
8L FUT	CONWAY	NAT	GASOLINE							
NOV20	----	----	----	----	----	0.85079 + 0.00671	----	----	205	UNCH
DEC20	----	----	----	----	----	0.94500 + 0.04500	----	----	119	UNCH
JAN21	----	----	----	----	----	0.95000 + 0.04500	----	----	107	UNCH
FEB21	----	----	----	----	----	0.95500 + 0.04500	----	----	87	UNCH
MAR21	----	----	----	----	----	0.96000 + 0.04750	----	----	87	UNCH
APR21	----	----	----	----	----	0.96000 + 0.04750	----	----	16	UNCH
MAY21	----	----	----	----	----	0.96000 + 0.04750	----	----	16	UNCH
JUN21	----	----	----	----	----	0.96000 + 0.04750	----	----	16	UNCH

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PG61 BULLETIN #228@

ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	CONTRACT	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
8L FUT	CONWAY NAT GASOLINE							
	JUL21	----	----	0.96000 + 0.04750	----	----	16	UNCH
	AUG21	----	----	0.96000 + 0.04750	----	----	16	UNCH
	SEP21	----	----	0.96000 + 0.04750	----	----	16	UNCH
	OCT21	----	----	0.96000 + 0.04750	----	----	16	UNCH
	NOV21	----	----	0.96000 + 0.04750	----	----	16	UNCH
	DEC21	----	----	0.96000 + 0.04750	----	----	16	UNCH
TOTAL	8L FUT						749	
8M FUT	CONWAY NORMAL BUTANE							
	NOV20	----	----	0.70507 + 0.00303	----	----	423	UNCH
	DEC20	----	----	0.72250 + 0.01750	----	----	598	UNCH
	JAN21	----	----	0.67250 + 0.01250	----	15	443 + 15	
	FEB21	----	----	0.63500 + 0.01000	----	15	178	UNCH
	MAR21	----	----	0.60000 + 0.01000	----	15	99 + 15	
	APR21	----	----	0.56750 + 0.01000	----	----	34	UNCH
	MAY21	----	----	0.54500 + 0.01000	----	----	34	UNCH
	JUN21	----	----	0.54375 + 0.01000	----	----	34	UNCH
	JUL21	----	----	0.54875 + 0.01000	----	----	24	UNCH
	AUG21	----	----	0.55375 + 0.01000	----	----	24	UNCH
	SEP21	----	----	0.55875 + 0.01000	----	----	24	UNCH
	OCT21	----	----	0.56375 + 0.01000	----	----	24	UNCH
	NOV21	----	----	0.56875 + 0.01000	----	----	24	UNCH
	DEC21	----	----	0.57375 + 0.01000	----	----	24	UNCH
TOTAL	8M FUT					45	1987 + 30	
CPB FUT	CONWAY PROPANE (OPIS) BALMO							
	03NOV20	----	----	0.52847 + 0.00198	----	----	15	UNCH
TOTAL	CPB FUT						15	
8K FUT	CONWAY PROPANE 5 DEC.							
	NOV20	----	----	0.52822 + 0.00187	----	----	3555	UNCH
	DEC20	----	----	0.51750 + 0.01500	----	30	3515 + 10	
	JAN21	----	----	0.52000 + 0.01500	----	30	4119	UNCH
	FEB21	----	----	0.52125 + 0.01437	----	20	2765	UNCH
	MAR21	----	----	0.50688 + 0.01250	----	45	1818 + 25	
	APR21	----	----	0.48500 + 0.01250	----	----	647	UNCH
	MAY21	----	----	0.47313 + 0.01250	----	----	687	UNCH
	JUN21	----	----	0.47000 + 0.01062	----	----	658	UNCH
	JUL21	----	----	0.47188 + 0.01125	----	----	417	UNCH
	AUG21	----	----	0.47875 + 0.01187	----	----	428	UNCH
	SEP21	----	----	0.48938 + 0.01188	----	----	433	UNCH
	OCT21	----	----	0.50125 + 0.01250	----	39	890 + 10	
	NOV21	----	----	0.51313 + 0.01313	----	39	870 + 10	
	DEC21	----	----	0.52500 + 0.01375	----	39	861 + 10	
	JAN22	----	----	0.52917 + 0.01125	----	20	320 + 15	
	FEB22	----	----	0.52792 + 0.01125	----	20	300 + 15	
	MAR22	----	----	0.49125 + 0.01167	----	20	295 + 15	
	APR22	----	----	0.45667 + 0.01209	----	5	92 + 5	
	MAY22	----	----	0.44333 + 0.01166	----	5	92 + 5	
	JUN22	----	----	0.44042 + 0.01042	----	5	92 + 5	
	JUL22	----	----	0.44625 + 0.00958	----	5	92 + 5	
	AUG22	----	----	0.45500 + 0.00917	----	5	92 + 5	
	SEP22	----	----	0.46458 + 0.00875	----	5	92 + 5	
	OCT22	----	----	0.47417 + 0.00834	----	45	112 + 25	
	NOV22	----	----	0.48375 + 0.00792	----	45	112 + 25	
	DEC22	----	----	0.49333 + 0.00791	----	45	112 + 25	
	JAN23	----	----	0.49750 + 0.00541	----	----	16	UNCH
	FEB23	----	----	0.49625 + 0.00541	----	----	16	UNCH
	MAR23	----	----	0.45958 + 0.00583	----	----	3	UNCH
	SEP23	----	----	0.43291 + 0.00291	----	----	3	UNCH
	OCT23	----	----	0.44250 + 0.00250	----	----	3	UNCH
	NOV23	----	----	0.45208 + 0.00208	----	----	3	UNCH
	DEC23	----	----	0.46166 + 0.00207	----	----	3	UNCH
	JAN24	----	----	0.46583 - 0.00043	----	----	3	UNCH
	FEB24	----	----	0.46458 - 0.00043	----	----	3	UNCH
	MAR24	----	----	0.42791 - 0.00001	----	----	3	UNCH
TOTAL	8K FUT					467	23522 + 215	
32 FUT	EUR PROPANE CIF ARA ARGUS BALMO							
	06NOV20	----	----	378.49 + 3.58	----	----	3	UNCH
	11NOV20	----	----	379.58 + 4.34	----	----	10	UNCH
	16NOV20	----	----	378.33 + 5.53	----	----	5	UNCH
	17NOV20	----	----	378.51 + 6.08	----	----	7	UNCH
	18NOV20	----	----	379.23 + 6.75	----	----	3	UNCH
	20NOV20	----	----	383.48 + 8.69	----	----	2	UNCH
TOTAL	32 FUT						30	
PS FUT	EURO PROPANE CIF ARA							



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	GLOBEX OPEN		GLOBEX HIGH/LOW		SETT. PRICE & PT. CHGE		GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
PS FUT	EURO	PROPANE CIF ARA								
NOV20	----	----	----	----	379.37 + 2.89	----	----	276	UNCH	
DEC20	----	----	----	----	388.77 + 13.59	----	38	315 -	10	
JAN21	----	----	----	----	386.15 + 12.51	----	14	357	UNCH	
FEB21	----	----	----	----	379.61 + 10.65	----	12	256 -	11	
MAR21	----	----	----	----	359.76 + 9.56	----	16	214 +	5	
APR21	----	----	----	----	340.15 + 8.11	----	1	191	UNCH	
MAY21	----	----	----	----	330.81 + 7.43	----	1	88 +	1	
JUN21	----	----	----	----	324.18 + 6.20	----	1	124 +	1	
JUL21	----	----	----	----	322.05 + 5.80	----	----	53	UNCH	
AUG21	----	----	----	----	324.96 + 5.55	----	----	53	UNCH	
SEP21	----	----	----	----	329.20 + 5.12	----	----	53	UNCH	
OCT21	----	----	----	----	333.53 + 4.72	----	----	61	UNCH	
NOV21	----	----	----	----	337.73 + 4.16	----	----	88	UNCH	
DEC21	----	----	----	----	341.92 + 3.65	----	----	112	UNCH	
JAN22	----	----	----	----	345.23 + 3.62	----	----	86	UNCH	
FEB22	----	----	----	----	342.73 + 3.90	----	----	77	UNCH	
MAR22	----	----	----	----	327.60 + 3.74	----	----	77	UNCH	
APR22	----	----	----	----	312.68 + 3.32	----	----	24	UNCH	
MAY22	----	----	----	----	308.21 + 3.31	----	----	24	UNCH	
JUN22	----	----	----	----	306.83 + 3.19	----	----	24	UNCH	
JUL22	----	----	----	----	306.78 + 3.11	----	----	22	UNCH	
AUG22	----	----	----	----	310.70 + 2.91	----	----	22	UNCH	
SEP22	----	----	----	----	315.45 + 2.78	----	----	22	UNCH	
OCT22	----	----	----	----	320.43 + 2.69	----	----	22	UNCH	
NOV22	----	----	----	----	328.59 + 2.23	----	----	22	UNCH	
DEC22	----	----	----	----	333.17 + 2.39	----	----	22	UNCH	
TOTAL PS FUT							83	2685 -	14	
MPS FUT	MINI	EURO PROPANE CIF ARA ARGUS FUT								
NOV20	----	----	----	----	379.37 + 2.89	----	----	135	UNCH	
DEC20	----	----	----	----	388.77 + 13.59	----	----	177	UNCH	
JAN21	----	----	----	----	386.15 + 12.51	----	----	114	UNCH	
FEB21	----	----	----	----	379.61 + 10.65	----	----	55	UNCH	
MAR21	----	----	----	----	359.76 + 9.56	----	----	82	UNCH	
APR21	----	----	----	----	340.15 + 8.11	----	----	105	UNCH	
MAY21	----	----	----	----	330.81 + 7.43	----	----	85	UNCH	
JUN21	----	----	----	----	324.18 + 6.20	----	----	85	UNCH	
JUL21	----	----	----	----	322.05 + 5.80	----	----	52	UNCH	
AUG21	----	----	----	----	324.96 + 5.55	----	----	77	UNCH	
SEP21	----	----	----	----	329.20 + 5.12	----	----	77	UNCH	
OCT21	----	----	----	----	333.53 + 4.72	----	----	77	UNCH	
NOV21	----	----	----	----	337.73 + 4.16	----	----	77	UNCH	
DEC21	----	----	----	----	341.92 + 3.65	----	----	77	UNCH	
JAN22	----	----	----	----	345.23 + 3.62	----	----	5	UNCH	
FEB22	----	----	----	----	342.73 + 3.90	----	----	5	UNCH	
MAR22	----	----	----	----	327.60 + 3.74	----	----	5	UNCH	
APR22	----	----	----	----	312.68 + 3.32	----	----	5	UNCH	
MAY22	----	----	----	----	308.21 + 3.31	----	----	5	UNCH	
JUN22	----	----	----	----	306.83 + 3.19	----	----	5	UNCH	
JUL22	----	----	----	----	306.78 + 3.11	----	----	5	UNCH	
AUG22	----	----	----	----	310.70 + 2.91	----	----	5	UNCH	
SEP22	----	----	----	----	315.45 + 2.78	----	----	5	UNCH	
OCT22	----	----	----	----	320.43 + 2.69	----	----	5	UNCH	
NOV22	----	----	----	----	328.59 + 2.23	----	----	5	UNCH	
DEC22	----	----	----	----	333.17 + 2.39	----	----	5	UNCH	
JAN23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
FEB23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
MAR23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
APR23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
MAY23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
JUN23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
JUL23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
AUG23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
SEP23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
OCT23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
NOV23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
DEC23	----	----	----	----	325.10 + 3.10	----	----	5	UNCH	
TOTAL MPS FUT								1395		
8C FUT	MT BELIVIEU	ETHANE BALMO								
06NOV20	----	----	----	----	0.21292 + 0.00029	----	----	12	UNCH	
10NOV20	----	----	----	----	0.21202 + 0.00034	----	----	25	UNCH	
13NOV20	----	----	----	----	0.20963 + 0.00044	----	----	20	UNCH	
18NOV20	----	----	----	----	0.20456 + 0.00063	----	----	10	UNCH	
TOTAL 8C FUT								67		
8O FUT	MT BELIVIEU	LDH PROPANE BALMO								

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03NOV20	----	----	0.54445 + 0.00178	----	----	445	UNCH
04NOV20	----	----	0.54371 + 0.00187	----	----	150	UNCH
05NOV20	----	----	0.54277 + 0.00199	----	----	12	UNCH
12NOV20	----	----	0.53574 + 0.00290	----	----	220	UNCH
TOTAL 80 FUT						827	
RO FUT	MT BELVIEU NAT GASOLINE BALMO						
03NOV20	----	----	0.87872 + 0.00750	----	----	50	UNCH
05NOV20	----	----	0.88316 + 0.00843	----	----	20	UNCH
06NOV20	----	----	0.88538 + 0.00900	----	----	55	UNCH
09NOV20	----	----	0.88978 + 0.00965	----	----	120	UNCH
10NOV20	----	----	0.89005 + 0.01039	----	----	100	UNCH
12NOV20	----	----	0.89085 + 0.01227	----	----	50	UNCH
16NOV20	----	----	0.89535 + 0.01500	----	----	100	UNCH
20NOV20	----	----	0.91650 + 0.02700	----	----	60	UNCH
23NOV20	----	----	0.92875 + 0.03375	----	----	30	UNCH
TOTAL RO FUT						585	
8J FUT	MT BELVIEU NORMAL BUTANE BALM						
03NOV20	----	----	0.77142 + 0.00472	----	----	237	UNCH
04NOV20	----	----	0.77533 + 0.00500	----	----	46	UNCH
05NOV20	----	----	0.77910 + 0.00531	----	----	35	UNCH
06NOV20	----	----	0.78196 + 0.00567	----	----	44	UNCH
09NOV20	----	----	0.78326 + 0.00607	----	----	235	UNCH
10NOV20	----	----	0.78226 + 0.00654	----	----	212	UNCH
11NOV20	----	----	0.78380 + 0.00708	----	----	20	UNCH
12NOV20	----	----	0.78574 + 0.00773	----	----	135	UNCH
13NOV20	----	----	0.78681 + 0.00850	----	----	70	UNCH
16NOV20	----	----	0.78854 + 0.00944	----	----	30	UNCH
19NOV20	----	----	0.79885 + 0.01416	----	----	25	UNCH
20NOV20	----	----	0.81075 + 0.01700	----	----	40	UNCH
23NOV20	----	----	0.82688 + 0.02125	----	----	25	UNCH
24NOV20	----	----	0.83625 + 0.03062	----	----	23	UNCH
TOTAL 8J FUT						1177	
C0 FUT	MT BELVIEU ETHANE 5-DCML (OPIS)						
NOV20	----	----	0.21563 + 0.00024	----	----	5191	UNCH
DEC20	----	----	0.20250 + 0.00125	----	204	5467	- 70
JAN21	----	----	0.20313 + 0.00188	----	239	6842	+ 80
FEB21	----	----	0.21125 + 0.00187	----	50	5537	UNCH
MAR21	----	----	0.21500 + 0.00125	----	50	5269	UNCH
APR21	----	----	0.21688 + 0.00063	----	30	3005	+ 30
MAY21	----	----	0.21750 + 0.00062	----	30	2648	+ 5
JUN21	----	----	0.21875 UNCH	----	30	2592	+ 5
JUL21	----	----	0.21875 UNCH	----	25	2092	UNCH
AUG21	----	----	0.21875 UNCH	----	25	2082	UNCH
SEP21	----	----	0.21875 UNCH	----	25	2156	UNCH
OCT21	----	----	0.22000 UNCH	----	25	2209	+ 25
NOV21	----	----	0.22125 + 0.00062	----	25	2158	+ 25
DEC21	----	----	0.22188 + 0.00063	----	25	2489	+ 25
JAN22	----	----	0.22250 + 0.00062	----	----	995	UNCH
FEB22	----	----	0.22188 + 0.00063	----	----	890	UNCH
MAR22	----	----	0.21750 + 0.00062	----	----	790	UNCH
APR22	----	----	0.20875 UNCH	----	----	627	UNCH
MAY22	----	----	0.20438 - 0.00062	----	----	627	UNCH
JUN22	----	----	0.20438 - 0.00062	----	----	627	UNCH
JUL22	----	----	0.20438 - 0.00062	----	----	662	UNCH
AUG22	----	----	0.20438 - 0.00062	----	----	662	UNCH
SEP22	----	----	0.20438 - 0.00062	----	----	662	UNCH
OCT22	----	----	0.20563 UNCH	----	----	642	UNCH
NOV22	----	----	0.20688 + 0.00063	----	----	642	UNCH
DEC22	----	----	0.20750 + 0.00062	----	----	642	UNCH
JAN23	----	----	0.20875 - 0.00063	----	----	95	UNCH
FEB23	----	----	0.20875 - 0.00063	----	----	95	UNCH
MAR23	----	----	0.20875 - 0.00063	----	----	70	UNCH
APR23	----	----	0.20625 - 0.00063	----	----	45	UNCH
MAY23	----	----	0.20500 - 0.00063	----	----	45	UNCH
JUN23	----	----	0.20500 - 0.00063	----	----	45	UNCH
JUL23	----	----	0.20563 - 0.00062	----	----	45	UNCH
AUG23	----	----	0.20625 - 0.00063	----	----	45	UNCH
SEP23	----	----	0.20625 - 0.00063	----	----	45	UNCH
OCT23	----	----	0.20688 - 0.00062	----	----	45	UNCH
NOV23	----	----	0.20750 - 0.00063	----	----	45	UNCH
DEC23	----	----	0.20813 - 0.00062	----	----	45	UNCH
TOTAL C0 FUT					783	58870	+ 125
MBN FUT	MT BELVIEU ETHYLENE (PCW) FINCL						
NOV20	----	----	0.20243 + 0.00079	----	----	198	UNCH

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MBN FUT	MT BELVIEU ETHYLENE (PCW) FINCL						
DEC20	----	----	0.21500 + 0.00500	----	----	368	UNCH
JAN21	----	----	0.20500 + 0.00500	----	----	115	UNCH
FEB21	----	----	0.19875 + 0.00500	----	----	95	UNCH
MAR21	----	----	0.19250 + 0.00500	----	----	95	UNCH
APR21	----	----	0.18625 + 0.00500	----	----	50	UNCH
MAY21	----	----	0.17875 + 0.00500	----	----	50	UNCH
JUN21	----	----	0.17125 + 0.00500	----	----	50	UNCH
JUL21	----	----	0.17125 + 0.00500	----	----	35	UNCH
AUG21	----	----	0.17125 + 0.00500	----	----	35	UNCH
SEP21	----	----	0.17125 + 0.00500	----	----	35	UNCH
OCT21	----	----	0.17125 + 0.00500	----	----	35	UNCH
NOV21	----	----	0.17125 + 0.00500	----	----	35	UNCH
DEC21	----	----	0.17125 + 0.00500	----	----	35	UNCH
TOTAL MBN FUT						1231	
MBE FUT	MT BELVIEU ETHYLENE IN-WELL (PCW)						
NOV20	----	----	0.23000 + 0.00500	----	----	50	UNCH
DEC20	----	----	0.21500 + 0.00500	----	----	140	UNCH
JAN21	----	----	0.20500 + 0.00500	----	----	180	UNCH
TOTAL MBE FUT						370	
8I FUT	MT BELVIEU ISO BUTANE 5 DEC. S						
NOV20	----	----	0.71546 + 0.00316	----	----	703	UNCH
DEC20	----	----	0.75875 + 0.01562	----	----	679	UNCH
JAN21	----	----	0.69750 + 0.01250	----	----	453	UNCH
FEB21	----	----	0.68250 + 0.01250	----	----	408	UNCH
MAR21	----	----	0.64313 + 0.01375	----	----	383	UNCH
APR21	----	----	0.61125 + 0.01375	----	----	366	UNCH
MAY21	----	----	0.59438 + 0.01188	----	----	366	UNCH
JUN21	----	----	0.58875 + 0.01125	----	----	366	UNCH
JUL21	----	----	0.59125 + 0.01125	----	----	370	UNCH
AUG21	----	----	0.59250 + 0.01125	----	----	370	UNCH
SEP21	----	----	0.59438 + 0.01063	----	----	370	UNCH
OCT21	----	----	0.59688 + 0.01063	----	----	370	UNCH
NOV21	----	----	0.59938 + 0.01125	----	----	370	UNCH
DEC21	----	----	0.60125 + 0.01062	----	----	370	UNCH
JAN22	----	----	0.60750 + 0.01062	----	----	42	UNCH
FEB22	----	----	0.60500 + 0.01062	----	----	42	UNCH
MAR22	----	----	0.57813 + 0.01063	----	----	42	UNCH
APR22	----	----	0.55188 + 0.01063	----	----	42	UNCH
MAY22	----	----	0.53938 + 0.01063	----	----	42	UNCH
JUN22	----	----	0.53688 + 0.01063	----	----	42	UNCH
JUL22	----	----	0.53750 + 0.01062	----	----	42	UNCH
AUG22	----	----	0.53938 + 0.01063	----	----	42	UNCH
SEP22	----	----	0.54125 + 0.01062	----	----	42	UNCH
OCT22	----	----	0.54375 + 0.01062	----	----	42	UNCH
NOV22	----	----	0.54625 + 0.01062	----	----	42	UNCH
DEC22	----	----	0.54875 + 0.01062	----	----	42	UNCH
TOTAL 8I FUT						6448	
7Q FUT	MT BELVIEU NAT GAS 5-DCML (OPIS)						
NOV20	----	----	0.87398 + 0.00710	----	----	2509	UNCH
DEC20	----	----	0.95438 + 0.04688	----	625	3357 + 66	
JAN21	----	----	0.95000 + 0.04500	----	644	3386 + 159	
FEB21	----	----	0.96125 + 0.04687	----	175	1606 + 115	
MAR21	----	----	0.96000 + 0.04562	----	150	1671 + 115	
APR21	----	----	0.95813 + 0.04375	----	85	1118 + 21	
MAY21	----	----	0.95625 + 0.04312	----	85	1118 + 21	
JUN21	----	----	0.95438 + 0.04250	----	85	1422 + 21	
JUL21	----	----	0.95313 + 0.04188	----	5	1386 + 5	
AUG21	----	----	0.95188 + 0.04188	----	5	1386 + 5	
SEP21	----	----	0.95125 + 0.04125	----	5	1386 + 5	
OCT21	----	----	0.94938 + 0.04063	----	5	1259 + 5	
NOV21	----	----	0.94750 + 0.04000	----	5	1258 + 5	
DEC21	----	----	0.94563 + 0.03938	----	155	3576 - 145	
JAN22	----	----	0.94292 + 0.03834	----	----	301	UNCH
FEB22	----	----	0.94125 + 0.03792	----	----	301	UNCH
MAR22	----	----	0.93542 + 0.03667	----	----	301	UNCH
APR22	----	----	0.92625 + 0.03667	----	----	331	UNCH
MAY22	----	----	0.92208 + 0.03583	----	----	331	UNCH
JUN22	----	----	0.91917 + 0.03500	----	----	331	UNCH
JUL22	----	----	0.91833 + 0.03500	----	----	374	UNCH
AUG22	----	----	0.91750 + 0.03500	----	----	356	UNCH
SEP22	----	----	0.91750 + 0.03500	----	----	356	UNCH
OCT22	----	----	0.91667 + 0.03500	----	----	531	UNCH
NOV22	----	----	0.91583 + 0.03500	----	----	531	UNCH
DEC22	----	----	0.91500 + 0.03500	----	----	691	UNCH

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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
7Q FUT MT BELVIEU NAT GAS 5-DCML (OPIS)							
JAN23	----	----	0.91125 + 0.03917	----	----	5	UNCH
FEB23	----	----	0.90875 + 0.03917	----	----	5	UNCH
MAR23	----	----	0.90500 + 0.03917	----	----	5	UNCH
APR23	----	----	0.89875 + 0.03917	----	----	5	UNCH
MAY23	----	----	0.89750 + 0.03917	----	----	5	UNCH
JUN23	----	----	0.89750 + 0.03917	----	----	5	UNCH
JUL23	----	----	0.89750 + 0.03917	----	----	5	UNCH
AUG23	----	----	0.89750 + 0.03917	----	----	5	UNCH
SEP23	----	----	0.89750 + 0.03917	----	----	5	UNCH
TOTAL 7Q FUT					2029	31218 +	398
MNB FUT MT BELVIEU NORMAL BUTANE LDH(OPIS)							
NOV20	----	----	0.68451 - 0.00033	----	----	204	UNCH
DEC20	----	----	0.68375 + 0.02312	----	----	204	UNCH
JAN21	----	----	0.63000 + 0.01250	----	----	214	UNCH
FEB21	----	----	0.61375 + 0.01250	----	----	214	UNCH
MAR21	----	----	0.57813 + 0.01375	----	----	20	UNCH
APR21	----	----	0.53750 + 0.01375	----	----	23	UNCH
MAY21	----	----	0.51688 + 0.01188	----	----	23	UNCH
JUN21	----	----	0.51125 + 0.01125	----	----	21	UNCH
JUL21	----	----	0.51125 + 0.01125	----	----	23	UNCH
AUG21	----	----	0.52000 + 0.01125	----	----	23	UNCH
SEP21	----	----	0.52688 + 0.01063	----	----	23	UNCH
OCT21	----	----	0.54313 + 0.01063	----	----	20	UNCH
NOV21	----	----	0.55188 + 0.01125	----	----	20	UNCH
DEC21	----	----	0.55625 + 0.01062	----	----	20	UNCH
TOTAL MNB FUT						1052	
D0 FUT MT BELVIEU NRM BUTANE 5-DCML (OPIS)							
NOV20	----	----	0.76628 + 0.00447	----	----	8883	UNCH
DEC20	----	----	0.77750 + 0.02250	----	536	10889 -	14
JAN21	----	----	0.69688 + 0.01188	----	1047	9501 +	408
FEB21	----	----	0.67500 + 0.01437	----	892	6976 +	98
MAR21	----	----	0.63500 + 0.01437	----	597	6232 -	5
APR21	----	----	0.59750 + 0.01250	----	212	2827 +	8
MAY21	----	----	0.58188 + 0.01125	----	202	2577 +	11
JUN21	----	----	0.57625 + 0.01062	----	202	2562 +	11
JUL21	----	----	0.57500 + 0.00937	----	77	1785 -	31
AUG21	----	----	0.57563 + 0.00813	----	77	1785 -	31
SEP21	----	----	0.57750 + 0.00750	----	77	1785 -	31
OCT21	----	----	0.58000 + 0.00750	----	22	2281 -	10
NOV21	----	----	0.58250 + 0.00750	----	22	2278 -	17
DEC21	----	----	0.58563 + 0.00750	----	22	2211 -	10
JAN22	----	----	0.58938 + 0.00750	----	----	459	UNCH
FEB22	----	----	0.58688 + 0.00813	----	----	449	UNCH
MAR22	----	----	0.55688 + 0.00750	----	----	444	UNCH
APR22	----	----	0.52938 + 0.00563	----	----	478	UNCH
MAY22	----	----	0.52000 + 0.00812	----	----	478	UNCH
JUN22	----	----	0.51875 + 0.00937	----	----	478	UNCH
JUL22	----	----	0.51938 + 0.00813	----	----	419	UNCH
AUG22	----	----	0.52125 + 0.00812	----	----	419	UNCH
SEP22	----	----	0.52313 + 0.00750	----	----	419	UNCH
OCT22	----	----	0.52563 + 0.00688	----	----	588	UNCH
NOV22	----	----	0.52813 + 0.00688	----	----	598	UNCH
DEC22	----	----	0.53063 + 0.00688	----	----	598	UNCH
JAN23	----	----	0.53157 + 0.00715	----	----	40	UNCH
FEB23	----	----	0.53094 + 0.00714	----	----	40	UNCH
MAR23	----	----	0.51594 + 0.00714	----	----	15	UNCH
APR23	----	----	0.50219 + 0.00714	----	----	15	UNCH
MAY23	----	----	0.46344 + 0.00777	----	----	15	UNCH
JUN23	----	----	0.46344 + 0.00777	----	----	15	UNCH
JUL23	----	----	0.46594 + 0.00777	----	----	15	UNCH
AUG23	----	----	0.46969 + 0.00777	----	----	15	UNCH
SEP23	----	----	0.47469 + 0.00777	----	----	15	UNCH
OCT23	----	----	0.47969 + 0.00777	----	----	15	UNCH
NOV23	----	----	0.48469 + 0.00777	----	----	15	UNCH
DEC23	----	----	0.48969 + 0.00777	----	----	15	UNCH
TOTAL D0 FUT					3985	68629 +	387
B0 FUT MT BELVIEU PROPANE 5-DCML (OPIS)							
NOV20	----	----	0.54424 + 0.00167	----	----	12085	UNCH
DEC20	----	----	0.53875 + 0.01250	----	1752	14680 -	224
JAN21	----	----	0.54125 + 0.01125	----	1449	15047 +	316
FEB21	----	----	0.53750 + 0.01000	----	964	15437 +	267
MAR21	----	----	0.52188 + 0.00938	----	979	11907 +	11
APR21	----	----	0.50563 + 0.00938	----	615	6467 +	122
MAY21	----	----	0.49313 + 0.00750	----	615	6081 +	259

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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	MT BELVIEU	PROPANE 5-DCML (OPIS)	PROPANE NON LDH MT BELVIEU	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST
B0 FUT									
JUN21	----	----				0.48938 + 0.00625	----	365	6409 + 168
JUL21	----	----				0.49125 + 0.00625	----	200	4318 + 74
AUG21	----	----				0.49500 + 0.00687	----	200	4260 + 76
SEP21	----	----				0.49875 + 0.00687	----	200	4216 + 76
OCT21	----	----				0.50250 + 0.00687	----	441	4807 + 72
NOV21	----	----				0.50563 + 0.00688	----	443	4478 + 194
DEC21	----	----				0.50813 + 0.00688	----	443	5739 + 71
JAN22	----	----				0.51313 + 0.00625	----	334	1924 + 189
FEB22	----	----				0.51063 + 0.00625	----	333	2051 + 23
MAR22	----	----				0.48500 + 0.00500	----	333	2164 + 120
APR22	----	----				0.45938 + 0.00375	----	83	1229 + 50
MAY22	----	----				0.44875 + 0.00500	----	82	1299 + 27
JUN22	----	----				0.44813 + 0.00625	----	82	1254 + 50
JUL22	----	----				0.44938 + 0.00500	----	80	1142 + 55
AUG22	----	----				0.45188 + 0.00375	----	80	1142 + 55
SEP22	----	----				0.45438 + 0.00250	----	80	1153 + 55
OCT22	----	----				0.45750 + 0.00187	----	80	1092 + 55
NOV22	----	----				0.46125 + 0.00187	----	80	1121 + 55
DEC22	----	----				0.46500 + 0.00187	----	80	1104 + 55
JAN23	----	----				0.47375 + 0.00187	----	65	688 + 50
FEB23	----	----				0.47250 + 0.00125	----	65	661 + 50
MAR23	----	----				0.45000 UNCH	----	65	619 + 50
APR23	----	----				0.42875 - 0.00125	----	65	415 + 50
MAY23	----	----				0.42063 - 0.00187	----	65	397 + 50
JUN23	----	----				0.42000 - 0.00188	----	65	396 + 50
JUL23	----	----				0.42375 - 0.00188	----	65	260 + 50
AUG23	----	----				0.42875 - 0.00188	----	65	260 + 50
SEP23	----	----				0.43375 - 0.00188	----	65	260 + 50
OCT23	----	----				0.43875 - 0.00188	----	65	271 + 50
NOV23	----	----				0.44375 - 0.00188	----	65	275 + 50
DEC23	----	----				0.44875 - 0.00188	----	65	315 + 50
JAN24	----	----				0.45750 - 0.00188	----	----	123 UNCH
FEB24	----	----				0.45625 - 0.00250	----	----	121 UNCH
MAR24	----	----				0.43375 - 0.00375	----	----	85 UNCH
TOTAL B0 FUT								11173	137752 + 2871
1R FUT									
NOV20	----	----				0.54470 + 0.00174	----	----	9513 UNCH
DEC20	----	----				0.54125 + 0.01375	----	729	9388 - 46
JAN21	----	----				0.54438 + 0.01125	----	792	4061 + 70
FEB21	----	----				0.54125 + 0.01000	----	315	3940 - 215
MAR21	----	----				0.52375 + 0.00875	----	365	3620 - 5
APR21	----	----				0.50625 + 0.00937	----	155	2313 UNCH
MAY21	----	----				0.49375 + 0.00750	----	155	2123 - 127
JUN21	----	----				0.49063 + 0.00625	----	155	2176 - 127
JUL21	----	----				0.49250 + 0.00687	----	----	2048 UNCH
AUG21	----	----				0.49625 + 0.00750	----	----	2078 UNCH
SEP21	----	----				0.50000 + 0.00750	----	----	2048 UNCH
OCT21	----	----				0.50375 + 0.00750	----	----	1971 UNCH
NOV21	----	----				0.50625 + 0.00687	----	----	2051 UNCH
DEC21	----	----				0.50875 + 0.00687	----	----	2021 UNCH
JAN22	----	----				0.51313 + 0.00563	----	----	437 UNCH
FEB22	----	----				0.51188 + 0.00500	----	----	502 UNCH
MAR22	----	----				0.48500 + 0.00437	----	----	483 UNCH
APR22	----	----				0.45938 + 0.00375	----	----	422 UNCH
MAY22	----	----				0.44875 + 0.00312	----	----	422 UNCH
JUN22	----	----				0.44813 + 0.00313	----	----	422 UNCH
JUL22	----	----				0.45000 + 0.00312	----	----	360 UNCH
AUG22	----	----				0.45313 + 0.00250	----	----	360 UNCH
SEP22	----	----				0.45625 + 0.00187	----	----	345 UNCH
OCT22	----	----				0.45938 + 0.00188	----	----	345 UNCH
NOV22	----	----				0.46375 + 0.00187	----	----	345 UNCH
DEC22	----	----				0.46813 + 0.00188	----	----	345 UNCH
JAN23	----	----				0.47375 + 0.00187	----	----	102 UNCH
FEB23	----	----				0.47250 + 0.00125	----	----	102 UNCH
MAR23	----	----				0.45000 UNCH	----	----	102 UNCH
APR23	----	----				0.42875 - 0.00125	----	----	102 UNCH
MAY23	----	----				0.42063 - 0.00187	----	----	102 UNCH
JUN23	----	----				0.42000 - 0.00188	----	----	102 UNCH
JUL23	----	----				0.42375 - 0.00188	----	----	102 UNCH
AUG23	----	----				0.42875 - 0.00188	----	----	102 UNCH
SEP23	----	----				0.43375 - 0.00188	----	----	102 UNCH
OCT23	----	----				0.43875 - 0.00188	----	----	102 UNCH
NOV23	----	----				0.44375 - 0.00188	----	----	102 UNCH
DEC23	----	----				0.44875 - 0.00188	----	----	102 UNCH

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	PROpane NON LDH MT BELVIEU	PROpane NON LDH MT BLV BALMO						
	1R FUT	1S FUT	SETT. PRICE & PT. CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST		
	1R FUT							
TOTAL	1R FUT				2666	55363	-	450
	03NOV20		0.54511 + 0.00184			25		UNCH
	04NOV20		0.54430 + 0.00195			330		UNCH
	05NOV20		0.54356 + 0.00207			125		UNCH
	06NOV20		0.54221 + 0.00221			95		UNCH
	09NOV20		0.54112 + 0.00237			55		UNCH
	12NOV20		0.53608 + 0.00301			200		UNCH
	13NOV20		0.53331 + 0.00331			20		UNCH
TOTAL	1S FUT					850		

ETHANOL FUTURES PRODUCTS

	CHICAGO ETHANOL	ETHANOL(PL) T2 FOB RTRDM INCL	METHANOL FOBHOUSTON (ARGUS)	METHANOL T2 FOB RDAM (ICIS) FUTURES	NEW YORK ETHANOL				
	CU FUT	Z1 FUT	MTH FUT	MT2 FUT	EZ FUT	SETT. PRICE & PT. CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST
	NOV20					1.4550 + 0.0025			8343
	DEC20					1.3700 + 0.0150	2	1277	8324 + 11
	JAN21					1.3700 + 0.0125		1357	7497 + 72
	FEB21					1.3875 + 0.0100		645	2475 + 180
	MAR21					1.4025 + 0.0075		360	1851 + 127
	APR21					1.4150 + 0.0050		205	1501 + 97
	MAY21					1.4225 + 0.0050		90	970 + 23
	JUN21					1.4225 + 0.0025		90	1210 + 35
	JUL21					1.4150 + 0.0025		15	125 + 15
	AUG21					1.4050 UNCH		15	115 + 15
	SEP21					1.3950 - 0.0025		15	185 + 10
TOTAL	CU FUT						2	4069	32596 + 585
	NOV20					529.119 + 1.095			891
	DEC20					539.000 + 14.000		48	990 + 12
	JAN21					554.000 + 9.000		50	822 + 30
	FEB21					565.000 + 11.000		10	716 + 5
	MAR21					572.000 + 9.000		10	709 + 5
	APR21					581.000 + 9.000		5	592
	MAY21					583.000 + 6.000		5	562
	JUN21					585.000 + 7.000		5	582
	JUL21					580.000 + 6.000			321
	AUG21					580.000 + 6.000			312
	SEP21					580.000 + 6.000			307
	OCT21					565.000 + 4.000		20	285 + 10
	NOV21					565.000 + 4.000		20	285 + 10
	DEC21					565.000 + 4.000		20	395 + 10
TOTAL	Z1 FUT							193	7769 + 82
	NOV20					95.58 - 0.09			10
TOTAL	MTH FUT								10
	NOV20					260.00 UNCH			125
	DEC20					286.00 + 2.00			95
	JAN21					281.00 UNCH			150
	FEB21					279.00 UNCH			40
	MAR21					278.00 UNCH			50
	APR21					276.00 UNCH			50
	MAY21					274.00 UNCH			50
	JUN21					270.00 UNCH			50
	JUL21					269.00 UNCH			45
	AUG21					268.00 UNCH			45
	SEP21					267.00 UNCH			40
	OCT21					266.00 UNCH			40
	NOV21					266.00 UNCH			40
	DEC21					266.00 UNCH			40
TOTAL	MT2 FUT								860
	NOV20					1.5050 + 0.0025			195
	DEC20					1.4450 + 0.0075		25	75 + 25
	JAN21					1.4700 + 0.0125			100
	FEB21					1.4875 + 0.0100			20
TOTAL	EZ FUT							25	390 + 25

ELECTRICITY FUTURES PRODUCTS

	AEP-DAYTON HUB DAILY	CIN HUB 5MW REAL TIME O PK	CIN HUB 5MW REAL TIME PK					
	VD FUT	H4 FUT	H3 FUT	SETT. PRICE & PT. CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
	20NOV20			21.19 UNCH			0	- 42
	23NOV20			22.65 + 0.15			42	UNCH
	24NOV20			24.50 UNCH			42	UNCH
	25NOV20			22.00 + 0.50			42	UNCH
	27NOV20			19.00 - 2.50			42	UNCH
	30NOV20			27.50 UNCH			42	UNCH
TOTAL	VD FUT						210	- 42
	DEC20			23.19 + 0.41			2744	UNCH
TOTAL	H4 FUT						2744	
	DEC20			29.33 + 0.49			154	UNCH
TOTAL	H3 FUT						154	

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	GERMAN POWER	BASELOAD	CAL	MONTH	FUT	SETT. PRICE & PT. CHGE	GLOBAL <sup>®</sup> VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
DEB FUT										
NOV20	----	----	----	----	----	38.11 + 0.14	----	----	71	UNCH
DEC20	----	----	----	----	----	34.70 + 0.30	----	----	65	UNCH
JAN21	----	----	----	----	----	37.76 + 1.03	----	----	64	UNCH
FEB21	----	----	----	----	----	40.04 + 0.10	----	----	64	UNCH
MAR21	----	----	----	----	----	37.23 + 0.45	----	----	64	UNCH
APR21	----	----	----	----	----	36.19 + 0.27	----	----	67	UNCH
MAY21	----	----	----	----	----	34.94 + 0.37	----	----	67	UNCH
JUN21	----	----	----	----	----	37.88 + 0.36	----	----	67	UNCH
JUL21	----	----	----	----	----	39.25 + 0.39	----	----	67	UNCH
AUG21	----	----	----	----	----	38.00 + 0.38	----	----	67	UNCH
SEP21	----	----	----	----	----	42.30 + 0.17	----	----	67	UNCH
OCT21	----	----	----	----	----	42.87 + 0.32	----	----	67	UNCH
NOV21	----	----	----	----	----	43.96 + 0.30	----	----	67	UNCH
DEC21	----	----	----	----	----	45.42 + 0.30	----	----	67	UNCH
JAN22	----	----	----	----	----	46.19 + 0.41	----	----	16	UNCH
FEB22	----	----	----	----	----	46.52 + 0.27	----	----	16	UNCH
MAR22	----	----	----	----	----	46.40 + 0.13	----	----	16	UNCH
APR22	----	----	----	----	----	43.37 UNCH	----	----	16	UNCH
MAY22	----	----	----	----	----	39.87 + 0.24	----	----	16	UNCH
JUN22	----	----	----	----	----	36.42 + 0.43	----	----	16	UNCH
JUL22	----	----	----	----	----	38.74 + 0.14	----	----	16	UNCH
AUG22	----	----	----	----	----	41.42 + 0.30	----	----	16	UNCH
SEP22	----	----	----	----	----	44.27 + 0.25	----	----	16	UNCH
OCT22	----	----	----	----	----	45.12 + 0.49	----	----	16	UNCH
NOV22	----	----	----	----	----	46.58 + 0.13	----	----	16	UNCH
DEC22	----	----	----	----	----	47.98 + 0.14	----	----	16	UNCH
TOTAL DEB FUT									1123	
IDO FUT										
17NOV20	----	----	----	----	----	27.75 UNCH	----	----	0	- 280
18NOV20	----	----	----	----	----	33.41 UNCH	----	----	280	UNCH
19NOV20	----	----	----	----	----	34.15 UNCH	----	----	280	UNCH
20NOV20	----	----	----	----	----	20.31 UNCH	----	----	280	UNCH
21NOV20	----	----	----	----	----	19.27 UNCH	----	----	840	UNCH
22NOV20	----	----	----	----	----	24.87 UNCH	----	----	840	UNCH
23NOV20	----	----	----	----	----	17.65 UNCH	----	----	280	UNCH
24NOV20	----	----	----	----	----	23.66 UNCH	----	----	280	UNCH
25NOV20	----	----	----	----	----	24.23 - 6.15	----	----	280	UNCH
26NOV20	----	----	----	----	----	30.38 UNCH	----	----	840	UNCH
27NOV20	----	----	----	----	----	30.38 UNCH	----	----	280	UNCH
28NOV20	----	----	----	----	----	30.38 UNCH	----	----	840	UNCH
29NOV20	----	----	----	----	----	30.38 UNCH	----	----	840	UNCH
30NOV20	----	----	----	----	----	30.38 UNCH	----	----	280	UNCH
TOTAL IDO FUT									6440	- 280
FTD FUT										
16NOV20	----	----	----	----	----	22.04 UNCH	----	----	0	- 56
17NOV20	----	----	----	----	----	22.47 UNCH	----	----	56	UNCH
18NOV20	----	----	----	----	----	23.19 UNCH	----	----	56	UNCH
19NOV20	----	----	----	----	----	21.20 UNCH	----	----	56	UNCH
20NOV20	----	----	----	----	----	16.16 UNCH	----	----	56	UNCH
21NOV20	----	----	----	----	----	20.28 UNCH	----	----	168	UNCH
22NOV20	----	----	----	----	----	18.98 UNCH	----	----	168	UNCH
23NOV20	----	----	----	----	----	19.42 - 3.56	----	----	56	UNCH
24NOV20	----	----	----	----	----	22.98 UNCH	----	----	56	UNCH
25NOV20	----	----	----	----	----	22.98 UNCH	----	----	56	UNCH
26NOV20	----	----	----	----	----	22.98 UNCH	----	----	168	UNCH
27NOV20	----	----	----	----	----	22.98 UNCH	----	----	56	UNCH
28NOV20	----	----	----	----	----	22.98 UNCH	----	----	168	UNCH
29NOV20	----	----	----	----	----	22.98 UNCH	----	----	168	UNCH
30NOV20	----	----	----	----	----	22.98 UNCH	----	----	56	UNCH
TOTAL FTD FUT									1344	- 56
PTD FUT										
16NOV20	----	----	----	----	----	27.21 UNCH	----	----	7	UNCH
17NOV20	----	----	----	----	----	23.87 UNCH	----	----	7	UNCH
18NOV20	----	----	----	----	----	25.63 UNCH	----	----	7	UNCH
19NOV20	----	----	----	----	----	21.37 UNCH	----	----	7	UNCH
20NOV20	----	----	----	----	----	20.24 UNCH	----	----	7	UNCH
23NOV20	----	----	----	----	----	22.73 - 2.77	----	----	7	UNCH
24NOV20	----	----	----	----	----	26.25 UNCH	----	----	7	UNCH
25NOV20	----	----	----	----	----	24.00 + 1.00	----	----	7	UNCH
27NOV20	----	----	----	----	----	21.00 - 2.00	----	----	7	UNCH
30NOV20	----	----	----	----	----	27.50 + 1.50	----	----	7	UNCH
TOTAL PTD FUT									70	
UD FUT										
20NOV20	----	----	----	----	----	22.11 UNCH	----	----	0	- 5
23NOV20	----	----	----	----	----	22.34 + 1.34	----	----	5	UNCH
24NOV20	----	----	----	----	----	22.00 UNCH	----	----	5	UNCH
25NOV20	----	----	----	----	----	20.50 - 0.50	----	----	5	UNCH
27NOV20	----	----	----	----	----	18.50 - 2.50	----	----	5	UNCH
30NOV20	----	----	----	----	----	24.00 + 3.00	----	----	5	UNCH
TOTAL UD FUT									25	- 5
H2 FUT										
DEC20	----	----	----	----	----	33.75 + 0.78	----	----	13720	UNCH
JAN21	----	----	----	----	----	42.85 + 0.02	----	----	11872	UNCH
FEB21	----	----	----	----	----	43.10 + 2.18	----	----	9856	UNCH
MAR21	----	----	----	----	----	33.70 + 0.15	----	----	10500	UNCH
APR21	----	----	----	----	----	25.85 - 0.20	----	----	13984	UNCH
MAY21	----	----	----	----	----	21.88 + 0.05	----	----	16112	UNCH
JUN21	----	----	----	----	----	22.00 + 0.10	----	----	13984	UNCH
JUL21	----	----	----	----	----	26.36 UNCH	----	----	15504	UNCH
AUG21	----	----	----	----	----	25.64 UNCH	----	----	14896	UNCH
SEP21	----	----	----	----	----	22.40 + 0.05	----	----	14592	UNCH
OCT21	----	----	----	----	----	23.85 + 0.05	----	----	15504	UNCH
NOV21	----	----	----	----	----	32.10 + 0.10	----	----	10780	UNCH
DEC21	----	----	----	----	----	44.35 + 0.10	----	----	10528	UNCH
APR22	----	----	----	----	----	25.25 + 0.15	----	----	1152	UNCH
MAY22	----	----	----	----	----	21.00 + 0.15	----	----	1224	UNCH
JUN22	----	----	----	----	----	21.00 + 0.15	----	----	1104	UNCH
JUL22	----	----	----	----	----	25.06 + 0.15	----	----	1272	UNCH
AUG22	----	----	----	----	----	23.44 + 0.15	----	----	1128	UNCH
SEP22	----	----	----	----	----	21.00 + 0.15	----	----	1152	UNCH
OCT22	----	----	----	----	----	22.25 + 0.15	----	----	1224	UNCH



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FINAL

PG61 BULLETIN #228@

ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

		GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TOTAL H2 FUT								180088	
U6 FUT		NEPOOL INTR HUB 5MW D AH PK							
DEC20		----	----	41.21 + 0.98		----	----	770	UNCH
JAN21		----	----	49.18 + 2.05		----	----	560	UNCH
FEB21		----	----	50.03 + 1.70		----	----	560	UNCH
MAR21		----	----	38.45 + 0.42		----	----	644	UNCH
APR21		----	----	29.93 + 0.05		----	----	616	UNCH
MAY21		----	----	26.58 + 0.25		----	----	560	UNCH
JUN21		----	----	29.50 + 0.10		----	----	616	UNCH
JUL21		----	----	35.74 + 0.10		----	----	588	UNCH
AUG21		----	----	33.96 + 0.10		----	----	616	UNCH
SEP21		----	----	31.35 + 0.10		----	----	588	UNCH
OCT21		----	----	30.65 + 0.05		----	----	588	UNCH
NOV21		----	----	40.00 + 0.15		----	----	588	UNCH
DEC21		----	----	55.00 + 0.15		----	----	644	UNCH
APR22		----	----	33.90 + 0.15		----	----	63	UNCH
MAY22		----	----	27.65 + 0.15		----	----	63	UNCH
JUN22		----	----	28.35 - 0.15		----	----	66	UNCH
JUL22		----	----	35.24 + 0.15		----	----	60	UNCH
AUG22		----	----	33.06 + 0.15		----	----	69	UNCH
SEP22		----	----	28.40 + 0.15		----	----	63	UNCH
OCT22		----	----	29.15 + 0.15		----	----	63	UNCH
TOTAL U6 FUT								8385	
CE FUT		NEW ENGLAND HUB PEAK DAILY							
09NOV20		----	----	18.91 UNCH		----	----	0 - 35	
10NOV20		----	----	16.50 UNCH		----	----	35 UNCH	
11NOV20		----	----	19.19 UNCH		----	----	35 UNCH	
12NOV20		----	----	27.59 UNCH		----	----	35 UNCH	
13NOV20		----	----	28.93 UNCH		----	----	35 UNCH	
16NOV20		----	----	27.59 UNCH		----	----	35 UNCH	
17NOV20		----	----	36.09 UNCH		----	----	35 UNCH	
18NOV20		----	----	47.09 UNCH		----	----	35 UNCH	
19NOV20		----	----	35.03 UNCH		----	----	35 UNCH	
20NOV20		----	----	26.55 UNCH		----	----	35 UNCH	
23NOV20		----	----	31.13 UNCH		----	----	35 UNCH	
24NOV20		----	----	32.97 UNCH		----	----	35 UNCH	
25NOV20		----	----	27.52 - 10.93		----	----	35 UNCH	
27NOV20		----	----	38.45 UNCH		----	----	35 UNCH	
30NOV20		----	----	38.45 UNCH		----	----	35 UNCH	
TOTAL CE FUT								490 - 35	
GN FUT		NEW YORK HUB ZONE G PEAK DAILY							
09NOV20		----	----	14.33 UNCH		----	----	0 - 31	
10NOV20		----	----	13.36 UNCH		----	----	31 UNCH	
11NOV20		----	----	15.60 UNCH		----	----	31 UNCH	
12NOV20		----	----	19.90 UNCH		----	----	31 UNCH	
13NOV20		----	----	22.02 UNCH		----	----	31 UNCH	
16NOV20		----	----	27.78 UNCH		----	----	31 UNCH	
17NOV20		----	----	31.19 UNCH		----	----	31 UNCH	
18NOV20		----	----	36.24 UNCH		----	----	31 UNCH	
19NOV20		----	----	32.66 UNCH		----	----	31 UNCH	
20NOV20		----	----	24.18 UNCH		----	----	31 UNCH	
23NOV20		----	----	25.71 UNCH		----	----	31 UNCH	
24NOV20		----	----	28.66 UNCH		----	----	31 UNCH	
25NOV20		----	----	29.30 + 0.63		----	----	31 UNCH	
27NOV20		----	----	28.67 UNCH		----	----	31 UNCH	
30NOV20		----	----	28.67 UNCH		----	----	31 UNCH	
TOTAL GN FUT								434 - 31	
JN FUT		NEW YORK HUB ZONE J PEAK DAILY							
09NOV20		----	----	16.98 UNCH		----	----	0 - 8	
10NOV20		----	----	15.83 UNCH		----	----	8 UNCH	
11NOV20		----	----	18.16 UNCH		----	----	8 UNCH	
12NOV20		----	----	22.93 UNCH		----	----	8 UNCH	
13NOV20		----	----	26.00 UNCH		----	----	8 UNCH	
16NOV20		----	----	29.07 UNCH		----	----	8 UNCH	
17NOV20		----	----	34.20 UNCH		----	----	8 UNCH	
18NOV20		----	----	37.54 UNCH		----	----	8 UNCH	
19NOV20		----	----	33.59 UNCH		----	----	8 UNCH	
20NOV20		----	----	24.68 UNCH		----	----	8 UNCH	
23NOV20		----	----	26.02 UNCH		----	----	8 UNCH	
24NOV20		----	----	28.94 UNCH		----	----	8 UNCH	
25NOV20		----	----	29.62 - 0.98		----	----	8 UNCH	
27NOV20		----	----	30.60 UNCH		----	----	8 UNCH	
30NOV20		----	----	30.60 UNCH		----	----	8 UNCH	
TOTAL JN FUT								112 - 8	
LHV FUT		NYISO LOW HUD VAL CAP FUT							
DEC20		----	----	0.13 UNCH		----	----	11 UNCH	
JAN21		----	----	0.13 UNCH		----	----	10 UNCH	
FEB21		----	----	0.13 UNCH		----	----	10 UNCH	
MAR21		----	----	0.13 UNCH		----	----	10 UNCH	
APR21		----	----	0.13 UNCH		----	----	10 UNCH	
TOTAL LHV FUT								51	
K4 FUT		NYISO ZONE A 5MW D AH O PK							
DEC20		----	----	15.75 + 0.42		----	----	784 UNCH	
TOTAL K4 FUT								784	
ZAO FUT		NYISO ZONE A DA OP DAILY							
17NOV20		----	----	11.24 UNCH		----	----	0 - 16	
18NOV20		----	----	15.44 UNCH		----	----	16 UNCH	
19NOV20		----	----	6.18 UNCH		----	----	16 UNCH	
20NOV20		----	----	4.04 UNCH		----	----	16 UNCH	
21NOV20		----	----	14.41 UNCH		----	----	48 UNCH	
22NOV20		----	----	14.56 UNCH		----	----	48 UNCH	
23NOV20		----	----	7.69 UNCH		----	----	16 UNCH	
24NOV20		----	----	14.81 UNCH		----	----	16 UNCH	
25NOV20		----	----	9.06 - 7.16		----	----	16 UNCH	
26NOV20		----	----	16.22 UNCH		----	----	48 UNCH	
27NOV20		----	----	16.22 UNCH		----	----	16 UNCH	
28NOV20		----	----	16.22 UNCH		----	----	48 UNCH	
29NOV20		----	----	16.22 UNCH		----	----	48 UNCH	
30NOV20		----	----	16.22 UNCH		----	----	16 UNCH	
TOTAL ZAO FUT								368 - 16	
D2 FUT		NYISO ZONE G 5MW D AH O PK							



	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
DEC20	----	----	24.85	+ 0.52	----	----	18424	UNCH
JAN21	----	----	33.70	+ 1.30	----	----	2120	UNCH
FEB21	----	----	32.20	+ 1.25	----	----	1760	UNCH
MAR21	----	----	25.95	+ 0.32	----	----	1875	UNCH
APR21	----	----	21.10	- 0.03	----	----	7360	UNCH
MAY21	----	----	21.48	+ 0.08	----	----	8480	UNCH
JUN21	----	----	21.70	+ 0.15	----	----	7360	UNCH
JUL21	----	----	25.77	+ 0.16	----	----	8160	UNCH
AUG21	----	----	23.73	+ 0.14	----	----	7840	UNCH
SEP21	----	----	21.75	+ 0.15	----	----	7680	UNCH
OCT21	----	----	22.25	+ 0.15	----	----	8160	UNCH
TOTAL D2 FUT							79219	
T3 FUT	NYISO ZONE G 5MW D AH PK							
DEC20	----	----	33.47	+ 1.27	----	----	682	UNCH
JAN21	----	----	41.15	+ 2.05	----	----	100	UNCH
FEB21	----	----	42.05	+ 1.65	----	----	100	UNCH
MAR21	----	----	33.78	+ 0.85	----	----	115	UNCH
APR21	----	----	27.00	+ 0.27	----	----	220	UNCH
MAY21	----	----	26.50	+ 0.80	----	----	200	UNCH
JUN21	----	----	26.50	UNCH	----	----	220	UNCH
JUL21	----	----	34.54	+ 0.47	----	----	210	UNCH
AUG21	----	----	31.66	+ 0.43	----	----	220	UNCH
SEP21	----	----	27.85	+ 0.20	----	----	210	UNCH
OCT21	----	----	26.60	+ 0.20	----	----	210	UNCH
NOV21	----	----	31.75	+ 0.25	----	----	210	UNCH
DEC21	----	----	40.85	+ 0.25	----	----	230	UNCH
JAN22	----	----	51.85	+ 0.61	----	----	525	UNCH
FEB22	----	----	49.15	+ 0.59	----	----	500	UNCH
MAR22	----	----	36.75	+ 0.85	----	----	575	UNCH
APR22	----	----	28.50	+ 0.50	----	----	525	UNCH
MAY22	----	----	27.50	+ 0.25	----	----	525	UNCH
JUN22	----	----	28.10	+ 0.10	----	----	550	UNCH
JUL22	----	----	34.75	- 0.44	----	----	500	UNCH
AUG22	----	----	31.55	- 1.56	----	----	575	UNCH
SEP22	----	----	29.40	+ 0.25	----	----	525	UNCH
OCT22	----	----	28.15	+ 0.25	----	----	525	UNCH
NOV22	----	----	32.90	+ 0.25	----	----	525	UNCH
DEC22	----	----	42.00	+ 0.25	----	----	525	UNCH
TOTAL T3 FUT							9302	
ZGO FUT	NYISO ZONE G DA OP DAILY							
17NOV20	----	----	24.36	UNCH	----	----	0	- 376
18NOV20	----	----	27.57	UNCH	----	----	376	UNCH
19NOV20	----	----	26.33	UNCH	----	----	376	UNCH
20NOV20	----	----	17.93	UNCH	----	----	376	UNCH
21NOV20	----	----	20.11	UNCH	----	----	1128	UNCH
22NOV20	----	----	21.22	UNCH	----	----	1128	UNCH
23NOV20	----	----	17.34	UNCH	----	----	376	UNCH
24NOV20	----	----	20.89	UNCH	----	----	376	UNCH
25NOV20	----	----	23.69	+ 1.79	----	----	376	UNCH
26NOV20	----	----	21.90	UNCH	----	----	1128	UNCH
27NOV20	----	----	21.90	UNCH	----	----	376	UNCH
28NOV20	----	----	21.90	UNCH	----	----	1128	UNCH
29NOV20	----	----	21.90	UNCH	----	----	1128	UNCH
30NOV20	----	----	21.90	UNCH	----	----	376	UNCH
TOTAL ZGO FUT							8648	- 376
D4 FUT	NYISO ZONE J 5MW D AH O PK							
DEC20	----	----	25.45	+ 0.52	----	----	1176	UNCH
TOTAL D4 FUT							1176	
D3 FUT	NYISO ZONE J 5MW D AH PK							
DEC20	----	----	35.20	+ 1.27	----	----	176	UNCH
TOTAL D3 FUT							176	
ZJO FUT	NYISO ZONE J DA OP DAILY							
17NOV20	----	----	25.20	UNCH	----	----	0	- 24
18NOV20	----	----	28.22	UNCH	----	----	24	UNCH
19NOV20	----	----	27.14	UNCH	----	----	24	UNCH
20NOV20	----	----	18.45	UNCH	----	----	24	UNCH
21NOV20	----	----	20.30	UNCH	----	----	72	UNCH
22NOV20	----	----	21.40	UNCH	----	----	72	UNCH
23NOV20	----	----	17.57	UNCH	----	----	24	UNCH
24NOV20	----	----	21.18	UNCH	----	----	24	UNCH
25NOV20	----	----	23.98	+ 1.05	----	----	24	UNCH
26NOV20	----	----	22.93	UNCH	----	----	72	UNCH
27NOV20	----	----	22.93	UNCH	----	----	24	UNCH
28NOV20	----	----	22.93	UNCH	----	----	72	UNCH
29NOV20	----	----	22.93	UNCH	----	----	72	UNCH
30NOV20	----	----	22.93	UNCH	----	----	24	UNCH
TOTAL ZJO FUT							552	- 24
V3 FUT	PJM AD HUB 5MW REAL TIME O PK							
DEC20	----	----	21.56	+ 0.40	----	----	5880	UNCH
JAN21	----	----	24.52	+ 0.90	----	----	2120	UNCH
FEB21	----	----	24.63	+ 0.90	----	----	1760	UNCH
MAR21	----	----	23.39	+ 0.31	----	----	1875	UNCH
APR21	----	----	21.86	+ 0.29	----	----	1840	UNCH
MAY21	----	----	23.76	+ 1.68	----	----	2120	UNCH
JUN21	----	----	21.14	+ 0.21	----	----	1840	UNCH
JUL21	----	----	23.39	+ 0.16	----	----	2040	UNCH
AUG21	----	----	21.31	+ 0.14	----	----	1960	UNCH
SEP21	----	----	21.18	+ 0.10	----	----	1920	UNCH
OCT21	----	----	21.07	- 0.02	----	----	2040	UNCH
NOV21	----	----	22.82	- 0.03	----	----	1925	UNCH
DEC21	----	----	24.73	- 0.03	----	----	1880	UNCH
JAN22	----	----	30.15	+ 0.22	----	----	2040	UNCH
FEB22	----	----	27.77	+ 0.19	----	----	1760	UNCH
MAR22	----	----	24.79	+ 0.17	----	----	1875	UNCH
APR22	----	----	21.41	+ 0.15	----	----	1920	UNCH
MAY22	----	----	20.15	+ 0.14	----	----	2040	UNCH
JUN22	----	----	20.40	+ 0.14	----	----	1840	UNCH
JUL22	----	----	22.82	+ 0.16	----	----	2120	UNCH
AUG22	----	----	21.31	+ 0.15	----	----	1880	UNCH
SEP22	----	----	20.15	+ 0.14	----	----	1920	UNCH
OCT22	----	----	20.96	+ 0.15	----	----	2040	UNCH
NOV22	----	----	21.36	+ 0.15	----	----	1925	UNCH

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FINAL

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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST
V3 FUT	PJM AD HUB 5MW REAL TIME O PK					
DEC22	----	----	23.38 + 0.17	----	----	2040 UNCH
TOTAL V3 FUT						52600
Z9 FUT	PJM AD HUB 5MW REAL TIME PK					
DEC20	----	----	27.05 + 0.46	----	----	924 UNCH
JAN21	----	----	30.25 + 1.32	----	----	100 UNCH
FEB21	----	----	30.25 + 1.32	----	----	100 UNCH
MAR21	----	----	28.72 + 0.70	----	----	115 UNCH
APR21	----	----	29.28 + 0.70	----	----	110 UNCH
MAY21	----	----	30.14 + 0.65	----	----	100 UNCH
JUN21	----	----	30.03 + 0.53	----	----	110 UNCH
JUL21	----	----	35.30 + 0.37	----	----	105 UNCH
AUG21	----	----	32.70 + 0.33	----	----	110 UNCH
SEP21	----	----	31.85 + 0.02	----	----	105 UNCH
OCT21	----	----	30.76 + 0.30	----	----	105 UNCH
NOV21	----	----	30.86 + 0.30	----	----	105 UNCH
DEC21	----	----	31.31 + 0.30	----	----	115 UNCH
JAN22	----	----	37.43 + 0.25	----	----	105 UNCH
FEB22	----	----	35.11 + 0.24	----	----	100 UNCH
MAR22	----	----	31.28 + 0.21	----	----	115 UNCH
APR22	----	----	29.56 + 0.20	----	----	105 UNCH
MAY22	----	----	29.81 + 0.20	----	----	105 UNCH
JUN22	----	----	29.11 + 0.20	----	----	110 UNCH
JUL22	----	----	34.96 + 0.24	----	----	100 UNCH
AUG22	----	----	32.74 + 0.22	----	----	115 UNCH
SEP22	----	----	30.67 + 0.21	----	----	105 UNCH
OCT22	----	----	28.65 + 0.19	----	----	105 UNCH
NOV22	----	----	28.96 + 0.20	----	----	105 UNCH
DEC22	----	----	30.32 + 0.21	----	----	105 UNCH
TOTAL Z9 FUT						3479
PWO FUT	PJM AEP DAYTON HUB DA OP DAILY					
17NOV20	----	----	19.08 UNCH	----	----	0 - 80
18NOV20	----	----	22.49 UNCH	----	----	80 UNCH
19NOV20	----	----	23.93 UNCH	----	----	80 UNCH
20NOV20	----	----	17.84 UNCH	----	----	80 UNCH
21NOV20	----	----	19.65 UNCH	----	----	240 UNCH
22NOV20	----	----	18.56 UNCH	----	----	240 UNCH
23NOV20	----	----	17.89 UNCH	----	----	80 UNCH
24NOV20	----	----	21.68 UNCH	----	----	80 UNCH
25NOV20	----	----	16.99 - 8.79	----	----	80 UNCH
26NOV20	----	----	25.78 UNCH	----	----	240 UNCH
27NOV20	----	----	25.78 UNCH	----	----	80 UNCH
28NOV20	----	----	25.78 UNCH	----	----	240 UNCH
29NOV20	----	----	25.78 UNCH	----	----	240 UNCH
30NOV20	----	----	25.78 UNCH	----	----	80 UNCH
TOTAL PWO FUT						1840 - 80
PAP FUT	PJM AEP DAYTON HUB DA PEAK DAILY					
17NOV20	----	----	26.76 UNCH	----	----	0 - 10
18NOV20	----	----	29.39 UNCH	----	----	10 UNCH
19NOV20	----	----	22.54 UNCH	----	----	10 UNCH
20NOV20	----	----	20.21 UNCH	----	----	10 UNCH
23NOV20	----	----	26.74 UNCH	----	----	10 UNCH
24NOV20	----	----	25.82 UNCH	----	----	10 UNCH
25NOV20	----	----	20.55 - 0.95	----	----	10 UNCH
27NOV20	----	----	19.00 - 2.50	----	----	10 UNCH
30NOV20	----	----	27.50 UNCH	----	----	10 UNCH
TOTAL PAP FUT						80 - 10
AOR FUT	PJM AEP DAYTON HUB RT OP DAILY					
16NOV20	----	----	17.07 UNCH	----	----	0 - 120
17NOV20	----	----	20.61 UNCH	----	----	120 UNCH
18NOV20	----	----	27.68 UNCH	----	----	120 UNCH
19NOV20	----	----	43.69 UNCH	----	----	120 UNCH
20NOV20	----	----	15.74 UNCH	----	----	120 UNCH
21NOV20	----	----	19.84 UNCH	----	----	360 UNCH
22NOV20	----	----	16.62 UNCH	----	----	360 UNCH
23NOV20	----	----	15.93 - 6.86	----	----	120 UNCH
24NOV20	----	----	22.79 UNCH	----	----	120 UNCH
25NOV20	----	----	22.79 UNCH	----	----	120 UNCH
26NOV20	----	----	22.79 UNCH	----	----	360 UNCH
27NOV20	----	----	22.79 UNCH	----	----	120 UNCH
28NOV20	----	----	22.79 UNCH	----	----	360 UNCH
29NOV20	----	----	22.79 UNCH	----	----	360 UNCH
30NOV20	----	----	22.79 UNCH	----	----	120 UNCH
TOTAL AOR FUT						2880 - 120
JD FUT	PJM DAILY					
20NOV20	----	----	18.05 UNCH	----	----	0 - 143
23NOV20	----	----	21.31 - 2.69	----	----	143 UNCH
24NOV20	----	----	27.00 UNCH	----	----	143 UNCH
25NOV20	----	----	21.00 + 0.75	----	----	143 UNCH
27NOV20	----	----	18.00 - 2.25	----	----	143 UNCH
30NOV20	----	----	27.00 + 5.25	----	----	143 UNCH
TOTAL JD FUT						715 - 143
R7 FUT	PJM DAYTON DA OFF-PEAK					
DEC20	----	----	21.56 + 0.40	----	----	3920 UNCH
TOTAL R7 FUT						3920
D7 FUT	PJM DAYTON DA PEAK					
DEC20	----	----	27.15 + 0.46	----	----	220 UNCH
TOTAL D7 FUT						220
46 FUT	PJM METED ZONE OFFPK CAL LMP					
NOV20	----	----	18.98 - 0.06	----	----	802 UNCH
DEC20	----	----	20.74 + 0.68	----	----	784 UNCH
TOTAL 46 FUT						1586
47 FUT	PJM METED ZONE PEAK CAL LMP					
NOV20	----	----	26.36 - 0.31	----	----	40 UNCH
DEC20	----	----	26.04 + 0.54	----	----	44 UNCH
TOTAL 47 FUT						84
B6 FUT	PJM NI HUB 5MW REAL TIME O PK					
DEC20	----	----	19.48 + 0.33	----	----	1960 UNCH

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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
B6 FUT	PJM NI HUB 5MW REAL TIME O PK						
JAN21	----	----	22.97 + 0.81	----	----	4240	UNCH
FEB21	----	----	20.68 + 0.69	----	----	3520	UNCH
MAR21	----	----	21.88 + 0.31	----	----	3750	UNCH
APR21	----	----	18.47 + 0.29	----	----	3680	UNCH
MAY21	----	----	20.11 + 1.68	----	----	4240	UNCH
JUN21	----	----	17.95 + 0.21	----	----	3680	UNCH
JUL21	----	----	21.13 + 0.15	----	----	4080	UNCH
AUG21	----	----	19.37 + 0.15	----	----	3920	UNCH
SEP21	----	----	17.85 + 0.10	----	----	3840	UNCH
OCT21	----	----	20.08 - 0.03	----	----	4080	UNCH
NOV21	----	----	19.89 - 0.02	----	----	3850	UNCH
DEC21	----	----	21.38 - 0.03	----	----	3760	UNCH
TOTAL B6 FUT						48600	
B3 FUT	PJM NI HUB 5MW REAL TIME PK						
DEC20	----	----	25.01 + 0.43	----	----	110	UNCH
JAN21	----	----	27.57 + 1.05	----	----	200	UNCH
FEB21	----	----	27.78 + 1.05	----	----	200	UNCH
MAR21	----	----	26.27 + 0.70	----	----	230	UNCH
APR21	----	----	26.33 + 0.70	----	----	220	UNCH
MAY21	----	----	26.86 + 0.56	----	----	200	UNCH
JUN21	----	----	27.04 + 0.54	----	----	220	UNCH
JUL21	----	----	32.14 + 0.36	----	----	210	UNCH
AUG21	----	----	30.11 + 0.34	----	----	220	UNCH
SEP21	----	----	28.33 - 0.07	----	----	210	UNCH
OCT21	----	----	28.09 + 0.32	----	----	210	UNCH
NOV21	----	----	28.39 + 0.32	----	----	210	UNCH
DEC21	----	----	29.40 + 0.33	----	----	230	UNCH
TOTAL B3 FUT						2670	
NOC FUT	PJM NORTERN ILL HUB RT OP DAILY						
16NOV20	----	----	16.46 UNCH	----	----	0 - 40	
17NOV20	----	----	18.38 UNCH	----	----	40 UNCH	
18NOV20	----	----	16.92 UNCH	----	----	40 UNCH	
19NOV20	----	----	24.60 UNCH	----	----	40 UNCH	
20NOV20	----	----	11.79 UNCH	----	----	40 UNCH	
21NOV20	----	----	19.51 UNCH	----	----	120 UNCH	
22NOV20	----	----	15.82 UNCH	----	----	120 UNCH	
23NOV20	----	----	15.49 - 3.22	----	----	40 UNCH	
24NOV20	----	----	18.71 UNCH	----	----	40 UNCH	
25NOV20	----	----	18.71 UNCH	----	----	40 UNCH	
26NOV20	----	----	18.71 UNCH	----	----	120 UNCH	
27NOV20	----	----	18.71 UNCH	----	----	40 UNCH	
28NOV20	----	----	18.71 UNCH	----	----	120 UNCH	
29NOV20	----	----	18.71 UNCH	----	----	120 UNCH	
30NOV20	----	----	18.71 UNCH	----	----	40 UNCH	
TOTAL NOC FUT						960 - 40	
PWO FUT	PJM WESTERN HUB DA OP DAILY FUT						
17NOV20	----	----	19.07 UNCH	----	----	0 - 16	
18NOV20	----	----	22.53 UNCH	----	----	16 UNCH	
19NOV20	----	----	25.20 UNCH	----	----	16 UNCH	
20NOV20	----	----	19.38 UNCH	----	----	16 UNCH	
21NOV20	----	----	20.12 UNCH	----	----	48 UNCH	
22NOV20	----	----	18.54 UNCH	----	----	48 UNCH	
23NOV20	----	----	17.83 UNCH	----	----	16 UNCH	
24NOV20	----	----	21.33 UNCH	----	----	16 UNCH	
25NOV20	----	----	17.59 - 9.14	----	----	16 UNCH	
26NOV20	----	----	26.73 UNCH	----	----	48 UNCH	
27NOV20	----	----	26.73 UNCH	----	----	16 UNCH	
28NOV20	----	----	26.73 UNCH	----	----	48 UNCH	
29NOV20	----	----	26.73 UNCH	----	----	48 UNCH	
30NOV20	----	----	26.73 UNCH	----	----	16 UNCH	
TOTAL PWO FUT						368 - 16	
PWP FUT	PJM WESTERN HUB DA PEAK DAILY						
17NOV20	----	----	26.26 UNCH	----	----	0 - 2	
18NOV20	----	----	29.45 UNCH	----	----	2 UNCH	
19NOV20	----	----	23.85 UNCH	----	----	2 UNCH	
20NOV20	----	----	20.98 UNCH	----	----	2 UNCH	
23NOV20	----	----	25.89 UNCH	----	----	2 UNCH	
24NOV20	----	----	26.07 UNCH	----	----	2 UNCH	
25NOV20	----	----	21.25 + 1.00	----	----	2 UNCH	
27NOV20	----	----	18.00 - 2.25	----	----	2 UNCH	
30NOV20	----	----	27.00 + 5.25	----	----	2 UNCH	
TOTAL PWP FUT						16 - 2	
WOR FUT	PJM WESTERN HUB RT OP DAILY						
16NOV20	----	----	16.70 UNCH	----	----	0 - 200	
17NOV20	----	----	18.93 UNCH	----	----	200 UNCH	
18NOV20	----	----	28.39 UNCH	----	----	200 UNCH	
19NOV20	----	----	52.62 UNCH	----	----	200 UNCH	
20NOV20	----	----	16.66 UNCH	----	----	200 UNCH	
21NOV20	----	----	19.94 UNCH	----	----	600 UNCH	
22NOV20	----	----	16.34 UNCH	----	----	600 UNCH	
23NOV20	----	----	15.40 - 6.91	----	----	200 UNCH	
24NOV20	----	----	22.31 UNCH	----	----	200 UNCH	
25NOV20	----	----	22.31 UNCH	----	----	200 UNCH	
26NOV20	----	----	22.31 UNCH	----	----	600 UNCH	
27NOV20	----	----	22.31 UNCH	----	----	200 UNCH	
28NOV20	----	----	22.31 UNCH	----	----	600 UNCH	
29NOV20	----	----	22.31 UNCH	----	----	600 UNCH	
30NOV20	----	----	22.31 UNCH	----	----	200 UNCH	
TOTAL WOR FUT						4800 - 200	
E4 FUT	PJM WESTH DA OFF-PEAK						
DEC20	----	----	22.18 + 0.62	----	----	784	UNCH
TOTAL E4 FUT						784	
N9 FUT	PJM WESTH RT OFF-PEAK						
DEC20	----	----	22.13 + 0.62	----	----	9800	UNCH
JAN21	----	----	27.22 + 1.35	----	----	8480	UNCH
FEB21	----	----	26.85 + 1.33	----	----	7040	UNCH
MAR21	----	----	24.13 + 0.40	----	----	7500	UNCH
APR21	----	----	21.98 + 0.23	----	----	7360	UNCH
MAY21	----	----	21.78 + 0.24	----	----	8480	UNCH
JUN21	----	----	20.77 + 0.18	----	----	7360	UNCH

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ENERGY FUTURES PRODUCTS

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	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
N9 FUT	PJM WESTH RT OFF-PEAK							
JUL21	----	----	22.66	+ 0.18	----	----	8160	UNCH
AUG21	----	----	21.39	+ 0.17	----	----	7840	UNCH
SEP21	----	----	20.83	+ 0.10	----	----	7680	UNCH
OCT21	----	----	21.03	+ 0.06	----	----	8160	UNCH
NOV21	----	----	22.79	- 0.01	----	----	7700	UNCH
DEC21	----	----	26.52	+ 0.06	----	----	7520	UNCH
JAN22	----	----	35.37	+ 0.45	----	----	18360	UNCH
FEB22	----	----	32.63	+ 0.40	----	----	15840	UNCH
MAR22	----	----	26.27	+ 0.28	----	----	16875	UNCH
APR22	----	----	21.69	+ 0.22	----	----	17280	UNCH
MAY22	----	----	20.50	+ 0.12	----	----	18360	UNCH
JUN22	----	----	20.00	+ 0.12	----	----	16560	UNCH
JUL22	----	----	22.40	+ 0.21	----	----	19080	UNCH
AUG22	----	----	20.50	+ 0.19	----	----	16920	UNCH
SEP22	----	----	20.35	+ 0.15	----	----	17280	UNCH
OCT22	----	----	20.35	+ 0.10	----	----	18360	UNCH
NOV22	----	----	21.39	+ 0.10	----	----	17325	UNCH
DEC22	----	----	24.77	+ 0.13	----	----	18360	UNCH
TOTAL N9 FUT							313680	
L1 FUT	PJM WESTH RT PEAK							
DEC20	----	----	27.78	+ 0.59	----	----	3146	UNCH
JAN21	----	----	33.24	+ 1.84	----	----	400	UNCH
FEB21	----	----	33.24	+ 1.84	----	----	400	UNCH
MAR21	----	----	29.75	+ 0.92	----	----	460	UNCH
APR21	----	----	28.95	+ 0.67	----	----	440	UNCH
MAY21	----	----	29.54	+ 0.68	----	----	400	UNCH
JUN21	----	----	29.29	+ 0.41	----	----	440	UNCH
JUL21	----	----	34.94	+ 0.36	----	----	420	UNCH
AUG21	----	----	32.27	+ 0.36	----	----	440	UNCH
SEP21	----	----	31.28	+ 0.18	----	----	420	UNCH
OCT21	----	----	30.27	+ 0.33	----	----	462	UNCH
NOV21	----	----	30.92	+ 0.18	----	----	462	UNCH
DEC21	----	----	33.09	+ 0.29	----	----	506	UNCH
JAN22	----	----	42.99	+ 0.65	----	----	945	UNCH
FEB22	----	----	40.21	+ 0.60	----	----	900	UNCH
MAR22	----	----	33.26	+ 0.58	----	----	1035	UNCH
APR22	----	----	29.32	+ 0.10	----	----	945	UNCH
MAY22	----	----	29.50	+ 0.17	----	----	945	UNCH
JUN22	----	----	28.80	+ 0.17	----	----	990	UNCH
JUL22	----	----	34.16	+ 0.13	----	----	900	UNCH
AUG22	----	----	31.80	+ 0.13	----	----	1035	UNCH
SEP22	----	----	29.30	- 0.40	----	----	945	UNCH
OCT22	----	----	28.41	+ 0.18	----	----	945	UNCH
NOV22	----	----	28.91	+ 0.19	----	----	945	UNCH
DEC22	----	----	31.96	+ 0.22	----	----	945	UNCH
JAN23	----	----	43.36	+ 0.21	----	----	483	UNCH
FEB23	----	----	40.75	+ 0.20	----	----	460	UNCH
MAR23	----	----	33.02	+ 0.16	----	----	529	UNCH
APR23	----	----	28.65	+ 0.19	----	----	460	UNCH
MAY23	----	----	28.00	+ 0.19	----	----	506	UNCH
JUN23	----	----	27.35	+ 0.18	----	----	506	UNCH
JUL23	----	----	32.82	+ 0.16	----	----	460	UNCH
AUG23	----	----	30.41	+ 0.15	----	----	529	UNCH
SEP23	----	----	28.95	+ 0.14	----	----	460	UNCH
OCT23	----	----	27.45	+ 0.18	----	----	506	UNCH
NOV23	----	----	27.80	+ 0.19	----	----	483	UNCH
DEC23	----	----	31.06	+ 0.15	----	----	460	UNCH
TOTAL L1 FUT							25713	
J4 FUT	PJM WESTHDA PEAK							
DEC20	----	----	27.78	+ 0.59	----	----	44	UNCH
TOTAL J4 FUT							44	

COAL FUTURES PRODUCTS

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. & PT.	PRICE CHGE	GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
ICIFUT	COAL (ICI4) INDONESIA COAL INDEX							
NOV20	----	----	29.25	UNCH	----	----	181	UNCH
DEC20	----	----	30.25	UNCH	----	----	98	UNCH
TOTAL ICIFUT							279	
MTF FUT	COAL API2 CIF ARA ARG-MCCLOSKEY							
NOV20	----	----	53.25	+ 0.05	----	----	1409	UNCH
DEC20	----	----	57.95	+ 2.55	----	61	1785 -	5
JAN21	55.65	56.75 /55.65	58.25	+ 2.65	6	60	1231 -	12
FEB21	----	----	58.50	+ 2.60	3	35	1144 -	6
MAR21	----	----	58.40	+ 2.55	3	35	982 -	6
APR21	----	----	58.30	+ 2.55	3	37	685 +	4
MAY21	----	----	58.25	+ 2.55	3	37	695 +	4
JUN21	----	----	58.35	+ 2.45	3	37	717 +	4
JUL21	----	----	58.45	+ 2.40	4	40	514 +	8
AUG21	----	----	58.60	+ 2.35	4	40	544 +	8
SEP21	----	----	58.60	+ 2.30	4	40	514 +	8
OCT21	----	----	58.60	+ 2.25	3	43	641 +	1
NOV21	----	----	58.65	+ 2.20	3	43	641 +	1
DEC21	----	----	58.65	+ 2.15	3	43	642 +	1
JAN22	----	----	58.70	+ 2.15	----	9	300 -	4
FEB22	----	----	58.75	+ 2.15	----	9	300 -	4
MAR22	----	----	58.55	+ 2.10	----	9	300 -	4
APR22	----	----	58.40	+ 2.05	----	9	300 -	4
MAY22	----	----	58.30	+ 2.05	----	9	300 -	4
JUN22	----	----	58.20	+ 2.05	----	9	300 -	4
JUL22	----	----	58.15	+ 2.05	----	9	300 -	4
AUG22	----	----	58.15	+ 2.10	----	9	300 -	4
SEP22	----	----	58.10	+ 1.90	----	9	300 -	4
OCT22	----	----	58.10	+ 1.75	----	9	300 -	4
NOV22	----	----	58.10	+ 1.60	----	9	300 -	4
DEC22	----	----	58.25	+ 1.60	----	9	300 -	4
JAN23	----	----	58.45	+ 1.60	----	5	204 +	5
FEB23	----	----	58.65	+ 1.65	----	5	204 +	5
MAR23	----	----	58.85	+ 1.70	----	5	204 +	5

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	COAL API2 CIF ARA	ARG-MCCLOSKY	SETT. PRICE & PT. CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
MTF FUT							
APR23		----	59.05 + 1.75	----	5	204 +	5
MAY23		----	59.25 + 1.80	----	5	204 +	5
JUN23		----	59.50 + 1.85	----	5	204 +	5
JUL23		----	59.70 + 1.80	----	5	204 +	5
AUG23		----	59.90 + 1.75	----	5	204 +	5
SEP23		----	60.10 + 1.70	----	5	204 +	5
OCT23		----	60.30 + 1.60	----	5	204 +	5
NOV23		----	60.50 + 1.55	----	5	204 +	5
DEC23		----	60.75 + 1.50	----	5	204 +	5
TOTAL MTF FUT				42	719	18192 +	22
MFF FUT	COAL API4	RCH BAY ARGS MCCLOSKY SW					
NOV20		----	68.65 + 0.25	----	----	254	UNCH
DEC20		----	75.30 + 3.20	----	70	274 +	45
JAN21		----	74.75 + 3.25	----	2	66	UNCH
FEB21		----	74.30 + 3.35	----	2	71	UNCH
MAR21		----	73.20 + 3.25	----	2	62	UNCH
APR21		----	72.15 + 3.20	----	----	41	UNCH
MAY21		----	71.10 + 3.10	----	----	41	UNCH
JUN21		----	70.60 + 3.00	----	----	41	UNCH
JUL21		----	70.15 + 3.00	----	----	41	UNCH
AUG21		----	69.75 + 3.00	----	----	41	UNCH
SEP21		----	69.50 + 2.90	----	----	41	UNCH
OCT21		----	69.25 + 2.80	----	----	41	UNCH
NOV21		----	69.00 + 2.65	----	----	41	UNCH
DEC21		----	69.20 + 2.65	----	----	41	UNCH
JAN22		----	69.40 + 2.65	----	----	2	UNCH
FEB22		----	69.60 + 2.65	----	----	2	UNCH
MAR22		----	69.30 + 2.85	----	----	2	UNCH
APR22		----	69.00 + 3.00	----	----	2	UNCH
MAY22		----	68.70 + 3.15	----	----	2	UNCH
JUN22		----	68.65 + 3.15	----	----	2	UNCH
JUL22		----	68.60 + 3.15	----	----	2	UNCH
AUG22		----	68.55 + 3.10	----	----	2	UNCH
SEP22		----	68.50 + 1.75	----	----	2	UNCH
OCT22		----	68.50 + 0.35	----	----	2	UNCH
NOV22		----	68.50 - 1.05	----	----	2	UNCH
DEC22		----	68.55 - 0.70	----	----	2	UNCH
TOTAL MFF FUT					76	1120 +	45

FREIGHT FUTURES PRODUCTS

	FREIGHT ROUTE	LIQUID PETROLEUM GAS	SETT. PRICE & PT. CHGE	GLOBEX® VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
FLP FUT							
NOV20		----	64.825 + 0.485	----	----	91	UNCH
DEC20		----	77.500 + 5.750	----	----	119	UNCH
JAN21		----	74.250 + 4.000	----	----	37	UNCH
FEB21		----	70.000 + 3.250	----	----	37	UNCH
MAR21		----	62.000 + 1.500	----	----	37	UNCH
APR21		----	54.000 + 1.500	----	----	33	UNCH
MAY21		----	48.375 + 2.625	----	----	33	UNCH
JUN21		----	48.375 + 2.625	----	----	33	UNCH
JUL21		----	45.500 + 0.500	----	----	43	UNCH
AUG21		----	45.500 + 0.500	----	----	43	UNCH
SEP21		----	45.500 + 0.500	----	----	43	UNCH
OCT21		----	45.500 + 0.250	----	----	43	UNCH
NOV21		----	45.500 + 0.250	----	----	43	UNCH
DEC21		----	45.500 + 0.250	----	----	43	UNCH
TOTAL FLP FUT						678	
FRC FUT	FREIGHT ROUTE TC14 (BALTIC) FUTURES						
NOV20		----	10.6279 UNCH	----	----	10	UNCH
DEC20		----	15.5070 + 0.7400	----	----	10	UNCH
TOTAL FRC FUT						20	
T7C FUT	FREIGHT ROUTE TC17 (BALTIC) FUTURES						
NOV20		----	14.3567 - 0.1966	----	----	65	UNCH
DEC20		----	16.7170 - 0.0040	----	----	20	UNCH
TOTAL T7C FUT						85	
T2D FUT	FREIGHT ROUTE TD20 (BALTIC) FUTURES						
NOV20		----	6.2127 + 0.0665	----	----	100	UNCH
DEC20		----	7.8380 + 0.4270	----	----	170	UNCH
JAN21		----	7.2510 + 0.0390	----	----	5	UNCH
FEB21		----	7.4370 + 0.1170	----	----	5	UNCH
MAR21		----	7.5080 + 0.1950	----	----	5	UNCH
TOTAL T2D FUT						285	
ACB FUT	FREIGHT ROUTE TD22 (BALTIC) FUTURE						
NOV20		----	16.9024 UNCH	----	----	85	UNCH
DEC20		----	16.9470 + 0.1320	----	----	85	UNCH
TOTAL ACB FUT						170	
BF2 FUT	LNG FREIGHT ROUTE BLNG2 (BALTIC) FU						
NOV20		----	1177.26 - 0.61	----	----	12	UNCH
DEC20		----	1105.00 - 75.00	----	20	22 -	20
JAN21		----	62000.00 + 4375.00	----	----	39	UNCH
FEB21		----	35250.00 + 750.00	----	----	9	UNCH
MAR21		----	33250.00 + 625.00	----	----	9	UNCH
APR21		----	32000.00 UNCH	----	----	22	UNCH
MAY21		----	28250.00 UNCH	----	----	22	UNCH
JUN21		----	28250.00 UNCH	----	----	22	UNCH
JUL21		----	35500.00 UNCH	----	----	17	UNCH
AUG21		----	35500.00 UNCH	----	----	17	UNCH
SEP21		----	35500.00 UNCH	----	----	17	UNCH
OCT21		----	69750.00 UNCH	----	----	17	UNCH
NOV21		----	69750.00 UNCH	----	----	17	UNCH
DEC21		----	69750.00 UNCH	----	----	17	UNCH
TOTAL BF2 FUT					20	259 -	20
TM FUT	TC2 ROTTERDAM TO USAC 37K MT						
NOV20		----	11.9653 - 0.0586	----	----	15	UNCH

	GLOBAL OPEN	GLOBAL HIGH/LOW	SETT. PRICE & PT. CHGE		GLOBAL VOLUME	PNT/PIT VOLUME	OPEN INTEREST	
TM FUT	TC2 ROTTERDAM TO USAC 37K MT							
DEC20	----	----	14.2890 + 0.3890		----	----	15	UNCH
TOTAL TM FUT							30	
TH FUT	TC5 RAS TANURA TO YOKOHAMA 55K MT							
NOV20	----	----	18.1421	UNCH	----	----	75	UNCH
DEC20	----	----	19.7020 + 0.4470		----	----	75	UNCH
TOTAL TH FUT							150	
TL FUT	TD3 MEG TO JAPAN 250K MT							
NOV20	----	----	5.6844 + 0.0068		----	----	1205	UNCH
DEC20	----	----	6.9000 + 0.1440		----	10	791 + 10	
JAN21	----	----	7.2290 + 0.2690		----	----	560	UNCH
FEB21	----	----	7.1440 + 0.3290		----	----	560	UNCH
MAR21	----	----	7.2270 + 0.4560		----	----	560	UNCH
APR21	----	----	7.3430 + 0.2610		----	----	200	UNCH
MAY21	----	----	7.4570 + 0.3075		----	----	200	UNCH
JUN21	----	----	7.4570 + 0.3075		----	----	200	UNCH
JUL21	----	----	7.9660 + 0.2160		----	----	265	UNCH
AUG21	----	----	7.9660 + 0.2160		----	----	265	UNCH
SEP21	----	----	7.9660 + 0.2160		----	----	265	UNCH
OCT21	----	----	10.3240 + 0.1740		----	----	255	UNCH
NOV21	----	----	10.3240 + 0.1740		----	----	255	UNCH
DEC21	----	----	10.3240 + 0.1740		----	----	255	UNCH
JAN22	----	----	9.4770 + 0.1150		----	----	50	UNCH
FEB22	----	----	9.4770 + 0.1150		----	----	50	UNCH
MAR22	----	----	9.4770 + 0.1150		----	----	50	UNCH
APR22	----	----	9.3077 + 0.2284		----	----	50	UNCH
MAY22	----	----	9.3077 + 0.2284		----	----	50	UNCH
JUN22	----	----	9.3077 + 0.2284		----	----	50	UNCH
JUL22	----	----	9.3077 + 0.2284		----	----	50	UNCH
AUG22	----	----	9.3077 + 0.2284		----	----	50	UNCH
SEP22	----	----	9.3077 + 0.2284		----	----	50	UNCH
OCT22	----	----	9.3077 + 0.2284		----	----	50	UNCH
NOV22	----	----	9.3077 + 0.2284		----	----	50	UNCH
DEC22	----	----	9.3077 + 0.2284		----	----	50	UNCH
TOTAL TL FUT						10	6436 + 10	
USE FUT	USGC TO UK CONTINENT (PLATTS) DIRTY							
NOV20	----	----	11.2240 + 0.2523		----	----	90	UNCH
DEC20	----	----	16.3040 + 0.5604		----	----	50	UNCH
JAN21	----	----	14.5250 + 0.1250		----	----	205	UNCH
FEB21	----	----	14.1500 + 0.0750		----	----	205	UNCH
MAR21	----	----	14.1500 + 0.0250		----	----	205	UNCH
TOTAL USE FUT							755	

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							
NOV20	----	----	0.37211 + 0.00079		----	----	529	UNCH
DEC20	----	----	0.39500 + 0.00500		----	----	656	UNCH
JAN21	----	----	0.39250 + 0.00500		----	----	436	UNCH
FEB21	----	----	0.39000 + 0.00500		----	----	431	UNCH
MAR21	----	----	0.38750 + 0.00500		----	----	431	UNCH
APR21	----	----	0.38500 + 0.00500		----	----	142 + 10	
MAY21	----	----	0.38250 + 0.00500		----	----	132 + 10	
JUN21	----	----	0.38000 + 0.00500		----	----	147 + 10	
JUL21	----	----	0.38000 + 0.00500		----	----	56	UNCH
AUG21	----	----	0.38000 + 0.00500		----	----	56	UNCH
SEP21	----	----	0.38000 + 0.00500		----	----	56	UNCH
OCT21	----	----	0.38000 + 0.00500		----	----	46	UNCH
NOV21	----	----	0.38000 + 0.00500		----	----	46	UNCH
DEC21	----	----	0.38000 + 0.00500		----	----	46	UNCH
APR22	----	----	0.38000 + 0.00500		----	----	0 - 10	
MAY22	----	----	0.38000 + 0.00500		----	----	0 - 10	
JUN22	----	----	0.38000 + 0.00500		----	----	0 - 10	
TOTAL PGP FUT							3210	

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 DAILY TOTAL	TAS DAILY TOTAL
NYMEX CRUDE OIL (PHYSICAL)												
DEC20	3302	3302	---	---	---	---	---	---	---	---	---	---
JAN21	---	---	---	---	---	---	---	---	870	1171	---	13139
FEB21	---	---	---	---	---	---	---	---	1782	708	---	5178
MAR21	---	---	---	---	---	---	---	---	578	385	---	2730
APR21	---	---	---	---	---	---	---	---	280	6	---	3077
MAY21	---	---	---	---	---	---	---	---	200	6	---	53
JUN21	---	---	---	---	---	---	---	---	1187	6	---	1365
JUL21	---	---	---	---	---	---	---	---	195	6	---	---
AUG21	---	---	---	---	---	---	---	---	183	6	---	---
SEP21	---	---	---	---	---	---	---	---	12	6	---	---
NOV21	---	---	---	---	---	---	---	---	100	6	---	---
DEC21	---	---	---	---	---	---	---	---	1732	6	---	910
JUN22	---	---	---	---	---	---	---	---	168	---	---	---
DEC22	---	---	---	---	---	---	---	---	1269	---	---	---
Tota1	3302	3302							8556	2318		26452
NYMEX HEATING OIL (PHYSICAL)												
DEC20	---	---	1468	---	---	---	---	---	2265	---	---	5233
JAN21	---	---	1430	---	---	---	---	---	2171	---	---	5640





PG61 BULLETIN #228@

ENERGY FUTURES PRODUCTS

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DELIVERY CASH OR PHY SETTLED	MONTH- TO-DATE	EFB 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
FEB21	---	---	---	---	---	---	---	707	---	---	215
MAR21	---	---	---	---	---	---	---	1515	---	---	217
APR21	---	---	---	---	---	---	---	225	---	---	6
MAY21	---	1	---	---	---	---	---	25	---	---	2
JUN21	---	---	---	---	---	---	---	496	---	---	30
JUL21	---	---	---	---	---	---	---	100	---	---	---
SEP21	---	---	---	---	---	---	---	100	---	---	---
OCT21	---	1	---	---	---	---	---	121	---	---	---
DEC21	---	---	---	---	---	---	---	590	---	---	---
JUN22	---	---	---	---	---	---	---	99	---	---	---
DEC22	---	---	---	---	---	---	---	50	---	---	---
Total		2900						8464			11343
NYMEX NY HARBOR GAS (RBOB) (PHY)											
DEC20	---	3303	---	---	---	---	---	909	---	---	4481
JAN21	---	1225	---	---	---	---	---	3993	378	---	6320
FEB21	---	---	---	---	---	---	---	1425	---	---	738
MAR21	---	---	---	---	---	---	---	1050	---	---	785
APR21	---	---	---	---	---	---	---	244	---	---	44
MAY21	---	---	---	---	---	---	---	---	---	---	3
JUN21	---	---	---	---	---	---	---	1115	---	---	---
JUL21	---	---	---	---	---	---	---	100	---	---	---
SEP21	---	---	---	---	---	---	---	100	---	---	---
DEC21	---	---	---	---	---	---	---	134	---	---	---
Total		4528						9070	378		12371
NATURAL GAS HENRY HUB (PHYSICAL)											
DEC20	---	---	---	---	---	---	---	1231	---	---	7463
JAN21	---	---	---	---	---	---	---	1250	---	---	8192
FEB21	---	---	---	---	---	---	---	50	---	---	1538
MAR21	---	---	---	---	---	---	---	1350	1500	---	3693
APR21	---	---	---	---	---	---	---	50	---	---	629
MAY21	---	---	---	---	---	---	---	50	---	---	206
JUN21	---	---	---	---	---	---	---	50	---	---	127
JUL21	---	---	---	---	---	---	---	108	---	---	136
AUG21	---	---	---	---	---	---	---	108	---	---	---
SEP21	---	---	---	---	---	---	---	108	---	---	---
OCT21	---	---	---	---	---	---	---	608	---	---	13
NOV21	---	---	---	---	---	---	---	108	---	---	---
DEC21	---	---	---	---	---	---	---	108	---	---	---
JAN22	---	---	---	---	---	---	---	50	---	---	---
FEB22	---	---	---	---	---	---	---	50	---	---	---
MAR22	---	---	---	---	---	---	---	50	---	---	---
APR22	---	---	---	---	---	---	---	50	---	---	---
MAY22	---	---	---	---	---	---	---	50	---	---	---
JUN22	---	---	---	---	---	---	---	50	---	---	---
JUL22	---	---	---	---	---	---	---	50	---	---	---
AUG22	---	---	---	---	---	---	---	50	---	---	---
SEP22	---	---	---	---	---	---	---	50	---	---	---
OCT22	---	---	---	---	---	---	---	50	---	---	---
NOV22	---	---	---	---	---	---	---	50	---	---	---
DEC22	---	---	---	---	---	---	---	50	---	---	---
Total								5779	1500		21997
NYMEX BRENT OIL LAST DAY FUTURES											
JAN21	---	---	---	---	---	---	---	685	---	---	979
FEB21	---	---	---	---	---	---	---	403	---	---	561
MAR21	---	---	---	---	---	---	---	390	---	---	---
JUN21	---	---	---	---	---	---	---	55	---	---	---
DEC21	---	---	---	---	---	---	---	25	---	---	---
MAY22	---	---	---	---	---	---	---	75	---	---	---
JUN22	---	---	---	---	---	---	---	150	---	---	---
JUL22	---	---	---	---	---	---	---	75	---	---	---
AUG22	---	---	---	---	---	---	---	50	---	---	---
SEP22	---	---	---	---	---	---	---	72	---	---	---
OCT22	---	---	---	---	---	---	---	72	---	---	---
NOV22	---	---	---	---	---	---	---	72	---	---	---
DEC22	---	---	---	---	---	---	---	266	---	---	---
Total								2390			1540
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	EFB 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
ARGUS LLS VS. WTI (ARG) TRD M											
ARGUS V NYMEX WTI TRD MO FUT											
BRENT BALMO											
BRENT CALENDAR											
DEC20	---	---	---	---	---	---	---	389	---	---	---
								389			
CANADIAN C5+ CONDENSATE INDEX FUT											
CLEARBROOK BAKKEN CRUDE OIL INDEX											
DATED TO FRONTLINE BRENT CLNDR											
DUBAI CRUDE OIL CALENDAR											
EUROPE DATED BRENT											
GUERNSEY LIGHT SWEET CRUDE OIL FUT											
ICE BRENT DUBAI											
LIGHT SWEET OIL NET ENERGY MONTHLY											
LLS (ARGUS) CALENDAR											
LLS (ARGUS) VS WTI											
LOOP CRUDE OIL STORAGE FUTURES											
DEC20	1150	1150	---	---	---	---	---	---	---	---	---
	1150	1150									

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FINAL

PG61 BULLETIN #228@ ENERGY FUTURES PRODUCTS Tue, Nov 24, 2020 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
MARS (ARGUS) VS WTI												
MARS (ARGUS) VS WTI TRD MTH												
JAN21	---	---	---	---	---	---	---	---	75	---	---	---
FEB21	---	---	---	---	---	---	---	---	5	---	---	---
MAR21	---	---	---	---	---	---	---	---	150	---	---	---
									230			
MINI BRENT FINANCIAL FUTURES												
MINI DATED BRENT (PLATTS) FINANCIAL												
WEST TEXAS INTER CRUDE OIL CAL												
DEC20	---	---	---	---	---	---	---	---	489	---	---	---
JAN21	---	---	---	---	---	---	---	---	383	---	---	---
FEB21	---	---	---	---	---	---	---	---	253	---	---	---
MAR21	---	---	---	---	---	---	---	---	253	---	---	---
APR21	---	---	---	---	---	---	---	---	248	---	---	---
MAY21	---	---	---	---	---	---	---	---	248	---	---	---
JUN21	---	---	---	---	---	---	---	---	225	---	---	---
JUL21	---	---	---	---	---	---	---	---	115	---	---	---
AUG21	---	---	---	---	---	---	---	---	115	---	---	---
SEP21	---	---	---	---	---	---	---	---	115	---	---	---
OCT21	---	---	---	---	---	---	---	---	115	---	---	---
NOV21	---	---	---	---	---	---	---	---	115	---	---	---
DEC21	---	---	---	---	---	---	---	---	115	---	---	---
JAN22	---	---	---	---	---	---	---	---	96	---	---	---
FEB22	---	---	---	---	---	---	---	---	88	---	---	---
MAR22	---	---	---	---	---	---	---	---	88	---	---	---
APR22	---	---	---	---	---	---	---	---	89	---	---	---
MAY22	---	---	---	---	---	---	---	---	95	---	---	---
JUN22	---	---	---	---	---	---	---	---	86	---	---	---
JUL22	---	---	---	---	---	---	---	---	42	---	---	---
AUG22	---	---	---	---	---	---	---	---	41	---	---	---
SEP22	---	---	---	---	---	---	---	---	30	---	---	---
OCT22	---	---	---	---	---	---	---	---	27	---	---	---
NOV22	---	---	---	---	---	---	---	---	28	---	---	---
DEC22	---	---	---	---	---	---	---	---	35	---	---	---
JAN23	---	---	---	---	---	---	---	---	48	---	---	---
FEB23	---	---	---	---	---	---	---	---	28	---	---	---
MAR23	---	---	---	---	---	---	---	---	44	---	---	---
APR23	---	---	---	---	---	---	---	---	35	---	---	---
MAY23	---	---	---	---	---	---	---	---	43	---	---	---
JUN23	---	---	---	---	---	---	---	---	31	---	---	---
JUL23	---	---	---	---	---	---	---	---	39	---	---	---
AUG23	---	---	---	---	---	---	---	---	36	---	---	---
SEP23	---	---	---	---	---	---	---	---	27	---	---	---
OCT23	---	---	---	---	---	---	---	---	32	---	---	---
NOV23	---	---	---	---	---	---	---	---	24	---	---	---
DEC23	---	---	---	---	---	---	---	---	40	---	---	---
JUL25	---	---	---	---	---	---	---	---	40	---	---	---
AUG25	---	---	---	---	---	---	---	---	40	---	---	---
SEP25	---	---	---	---	---	---	---	---	40	---	---	---
OCT25	---	---	---	---	---	---	---	---	40	---	---	---
NOV25	---	---	---	---	---	---	---	---	40	---	---	---
DEC25	---	---	---	---	---	---	---	---	40	---	---	---
									4201			
WESTERN CANADIAN SELECT OIL MONTHLY												
JAN21	---	---	---	---	---	---	---	---	60	---	---	---
FEB21	---	---	---	---	---	---	---	---	60	---	---	---
MAR21	---	---	---	---	---	---	---	---	75	---	---	---
APR21	---	---	---	---	---	---	---	---	45	---	---	---
MAY21	---	---	---	---	---	---	---	---	45	---	---	---
JUN21	---	---	---	---	---	---	---	---	45	---	---	---
JUL21	---	---	---	---	---	---	---	---	45	---	---	---
AUG21	---	---	---	---	---	---	---	---	45	---	---	---
SEP21	---	---	---	---	---	---	---	---	45	---	---	---
									465			
WTI BALMO												
WTI HOUSTON ARGUS V. WTI FINANCIAL												
JAN21	---	---	---	---	---	---	---	---	78	---	---	---
FEB21	---	---	---	---	---	---	---	---	70	---	---	---
MAR21	---	---	---	---	---	---	---	---	77	---	---	---
									225			
WTI HOUSTON ARGUS V. WTI TRADE MONTH												
JAN21	---	---	---	---	---	---	---	---	800	---	---	---
FEB21	---	---	---	---	---	---	---	---	5	---	---	---
APR21	---	---	---	---	---	---	---	---	10	---	---	---
MAY21	---	---	---	---	---	---	---	---	10	---	---	---
JUN21	---	---	---	---	---	---	---	---	160	---	---	---
JUL21	---	---	---	---	---	---	---	---	70	---	---	---
AUG21	---	---	---	---	---	---	---	---	20	---	---	---
SEP21	---	---	---	---	---	---	---	---	20	---	---	---
OCT21	---	---	---	---	---	---	---	---	10	---	---	---
NOV21	---	---	---	---	---	---	---	---	10	---	---	---
DEC21	---	---	---	---	---	---	---	---	10	---	---	---
									1125			
WTI HOUSTON CRUDE OIL FUTURES												
DEC20	208	208	---	---	---	---	---	---	---	---	---	---
	208	208										
WTI MIDLAND (ARG) VS. WTI TRADE MTH												
WTI MIDLAND(ARGUS) VS WTI FINCL FUT												
WTI-BRENT CALENDAR												
DEC20	---	---	---	---	---	---	---	---	958	---	---	---
JAN21	---	---	---	---	---	---	---	---	320	---	---	---
FEB21	---	---	---	---	---	---	---	---	220	---	---	---
MAR21	---	---	---	---	---	---	---	---	220	---	---	---
APR21	---	---	---	---	---	---	---	---	20	---	---	---
MAY21	---	---	---	---	---	---	---	---	20	---	---	---
JUN21	---	---	---	---	---	---	---	---	20	---	---	---
JUL21	---	---	---	---	---	---	---	---	120	---	---	---
AUG21	---	---	---	---	---	---	---	---	120	---	---	---
SEP21	---	---	---	---	---	---	---	---	120	---	---	---
OCT21	---	---	---	---	---	---	---	---	120	---	---	---
NOV21	---	---	---	---	---	---	---	---	120	---	---	---

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FINAL

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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
DEC21	---	---	---	---	---	---	---	---	120	---	---
JAN22	---	---	---	---	---	---	---	---	15	---	---
FEB22	---	---	---	---	---	---	---	---	15	---	---
MAR22	---	---	---	---	---	---	---	---	15	---	---
APR22	---	---	---	---	---	---	---	---	15	---	---
MAY22	---	---	---	---	---	---	---	---	15	---	---
JUN22	---	---	---	---	---	---	---	---	15	---	---
JUL22	---	---	---	---	---	---	---	---	15	---	---
AUG22	---	---	---	---	---	---	---	---	15	---	---
SEP22	---	---	---	---	---	---	---	---	15	---	---
OCT22	---	---	---	---	---	---	---	---	15	---	---
NOV22	---	---	---	---	---	---	---	---	15	---	---
DEC22	---	---	---	---	---	---	---	---	15	---	---
									2678		

WTL MIDLAND (ARGUS) VS. WTI TRADE M

WTS (ARGUS) VS WTI TRD MTH

JAN21	---	---	---	---	---	---	---	---	6	---	---
FEB21	---	---	---	---	---	---	---	---	6	---	---
MAR21	---	---	---	---	---	---	---	---	6	---	---
APR21	---	---	---	---	---	---	---	---	6	---	---
MAY21	---	---	---	---	---	---	---	---	6	---	---
JUN21	---	---	---	---	---	---	---	---	6	---	---
JUL21	---	---	---	---	---	---	---	---	6	---	---
AUG21	---	---	---	---	---	---	---	---	6	---	---
SEP21	---	---	---	---	---	---	---	---	6	---	---
OCT21	---	---	---	---	---	---	---	---	6	---	---
NOV21	---	---	---	---	---	---	---	---	6	---	---
DEC21	---	---	---	---	---	---	---	---	6	---	---
									72		

NATURAL GAS 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
COLUMB GULF MAINLINE NG BASIS											
DOMINION TRANSMISSION INC -APPALAC											
DUTCH TTF NATURAL GAS CAL MONTH FUT											
DEC20	---	---	---	---	---	---	---	---	100	---	---
									100		
HENRY HUB											
HENRY HUB NG LAST DAY FINANCIAL											
DEC20	---	---	---	---	---	---	---	---	2503	359	---
JAN21	---	---	---	---	---	---	---	---	100	---	---
FEB21	---	---	---	---	---	---	---	---	100	---	---
MAR21	---	---	---	---	---	---	---	---	100	---	---
OCT21	---	---	---	---	---	---	---	---	500	---	---
									3303	359	
HENRY HUB PENULTIMATE FUT											
JAN21	---	---	---	---	---	---	---	---	234	---	---
APR21	---	---	---	---	---	---	---	---	327	---	---
MAY21	---	---	---	---	---	---	---	---	327	---	---
JUN21	---	---	---	---	---	---	---	---	327	---	---
JUL21	---	---	---	---	---	---	---	---	327	---	---
AUG21	---	---	---	---	---	---	---	---	327	---	---
SEP21	---	---	---	---	---	---	---	---	327	---	---
OCT21	---	---	---	---	---	---	---	---	503	---	---
NOV21	---	---	---	---	---	---	---	---	322	---	---
DEC21	---	---	---	---	---	---	---	---	110	---	---
JAN22	---	---	---	---	---	---	---	---	110	---	---
FEB22	---	---	---	---	---	---	---	---	110	---	---
MAR22	---	---	---	---	---	---	---	---	110	---	---
									3461		
HOUSTON SHIP CHANNEL BASIS											
LNG JAPAN KOREA MARKER PLATTS											
NGPL MID-CONTINENT											
NORTHWEST ROCKIES BASIS FUTURE											
NYMEX NATURAL GAS FUTURES											
DEC20	---	---	---	---	---	---	---	---	839	---	---
JAN21	---	---	---	---	---	---	---	---	562	---	---
FEB21	---	---	---	---	---	---	---	---	189	---	---
MAR21	---	---	---	---	---	---	---	---	323	---	---
APR21	---	---	---	---	---	---	---	---	62	---	---
MAY21	---	---	---	---	---	---	---	---	62	---	---
JUN21	---	---	---	---	---	---	---	---	62	---	---
JUL21	---	---	---	---	---	---	---	---	62	---	---
AUG21	---	---	---	---	---	---	---	---	62	---	---
SEP21	---	---	---	---	---	---	---	---	62	---	---
OCT21	---	---	---	---	---	---	---	---	73	---	---
NOV21	---	---	---	---	---	---	---	---	60	---	---
DEC21	---	---	---	---	---	---	---	---	54	---	---
JAN22	---	---	---	---	---	---	---	---	12	---	---
FEB22	---	---	---	---	---	---	---	---	42	---	---
MAR22	---	---	---	---	---	---	---	---	12	---	---
APR22	---	---	---	---	---	---	---	---	12	---	---
MAY22	---	---	---	---	---	---	---	---	12	---	---
JUN22	---	---	---	---	---	---	---	---	12	---	---
JUL22	---	---	---	---	---	---	---	---	12	---	---
AUG22	---	---	---	---	---	---	---	---	12	---	---
SEP22	---	---	---	---	---	---	---	---	12	---	---
OCT22	---	---	---	---	---	---	---	---	12	---	---
NOV22	---	---	---	---	---	---	---	---	144	---	---
DEC22	---	---	---	---	---	---	---	---	144	---	---
JAN23	---	---	---	---	---	---	---	---	132	---	---
FEB23	---	---	---	---	---	---	---	---	132	---	---
MAR23	---	---	---	---	---	---	---	---	132	---	---
									3306		
PANHANDLE BASIS FUTURE											



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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

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
PERMIAN BASIS									
TEXAS EASTERN ZONE M-3 BASIS									
TRANSCO ZONE4 BASIS									
UK NBP NAT GAS CAL MTH FUT									
UK NBP NATURAL GAS FRONT MTH FUT									
WAHA BASIS									

PETROLEUM 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
3.5% FUEL OIL (PLATTS) FOB RDA									
ARGUS PROPANE FAR EAST INDEX VS. JA									
CHICAGO ULSD PL VS HO SPR									
CHICAGO UNL GAS PL VS RBOB SPR									
APR21	---	---	---	---	---	---	45	---	---
MAY21	---	---	---	---	---	---	45	---	---
JUN21	---	---	---	---	---	---	45	---	---
							135		
E/W NAPHTHA JAPAN CF-CARGOS CIF NWE									
EAST/WEST FUEL OIL SPREAD									
EAST-WST GASOLINE SPREAD PLATTS/ARG									
EIA FLAT TAX ONHWAY DIESEL									
EIA FLAT TAX US RETAIL GASOLINE									
EUR 0.5% VS. EUR 3.5%									
EUR1%FUEL OIL FOB MED-EUR1% FOB NWE									
EURO PPNE CIFARG VS NAPHTHA NWE SW									
DEC20	---	---	---	---	---	---	4	---	---
JAN21	---	---	---	---	---	---	2	---	---
FEB21	---	---	---	---	---	---	2	---	---
MAR21	---	---	---	---	---	---	2	---	---
							10		
EUROPE 3.5% FUEL OIL RDAM CAL									
EUROPE NAPHTHA CAL									
DEC20	---	---	---	---	---	---	5	---	---
JAN21	---	---	---	---	---	---	10	---	---
							15		
EUROPEAN FOB RDAM MARINE FUEL 0.5%									
EUROPEAN NAPHTHA BALMO									
EUROPEAN NAPHTHA CRACK SPREAD									
FUEL OIL CARGOES VS.BARGES									
FUEL OIL CRACK VS ICE									
JAN21	---	---	---	---	---	---	50	---	---
							50		
FUEL OIL NWE CRACK VS ICE									
G. COAST #6 FUEL OIL 3.0% VS BRENT									
GAS EURO-BOB OXY (ARG) CRACK									
DEC20	---	---	---	---	---	---	30	---	---
JAN21	---	---	---	---	---	---	30	---	---
FEB21	---	---	---	---	---	---	30	---	---
MAR21	---	---	---	---	---	---	30	---	---
APR21	---	---	---	---	---	---	30	---	---
MAY21	---	---	---	---	---	---	30	---	---
JUN21	---	---	---	---	---	---	30	---	---
JUL21	---	---	---	---	---	---	30	---	---
AUG21	---	---	---	---	---	---	30	---	---
SEP21	---	---	---	---	---	---	30	---	---
OCT21	---	---	---	---	---	---	30	---	---
NOV21	---	---	---	---	---	---	30	---	---
DEC21	---	---	---	---	---	---	30	---	---
							390		
GAS EURO-BOB OXY (ARG) NEW BRG									
GASOIL (ICE) CRACK SPREAD									
GASOIL 0.1 RDAM BRGS VS ICE									
GASOIL 0.1 ROTTERDAM BARGES SW									
GASOIL CALENDAR									
GASOIL CRACK SPREAD CALENDAR									
GASOIL MINI CALENDAR									
GRP THREE ULSD VS NY HAR ULSD BALMO									
GRP THREE ULSD(PLT)VS HEAT OIL									
DEC20	---	---	---	---	---	---	25	---	---
							25		
GRP THREE UNL GS (PLT) VS RBOB									
JUL21	---	---	---	---	---	---	100	---	---
							100		
GULF CBOB A2 PL VS RBOB SPR F									
DEC20	---	---	---	---	---	---	300	---	---
JAN21	---	---	---	---	---	---	150	---	---
MAR21	---	---	---	---	---	---	150	---	---
APR21	---	---	---	---	---	---	150	---	---
MAY21	---	---	---	---	---	---	150	---	---
JUN21	---	---	---	---	---	---	150	---	---
							1050		
GULF CO NO6 FUELOIL 3% V. EURO 3.5%									
DEC20	---	---	---	---	---	---	100	---	---
JAN21	---	---	---	---	---	---	50	---	---



FINAL

PG61	BULLETIN #228@	ENERGY FUTURES PRODUCTS									Tue, Nov 24, 2020	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	TAS DAILY TOTAL
									150			
	GULF COAST HSFO (PLATTS) FUTURES											
DEC20	---	---	---	---	---	---	---	---	101	---	---	---
JAN21	---	---	---	---	---	---	---	---	234	---	---	---
									335			
	GULF COAST JET FUEL CLNDR											
	GULF COAST JET VS NYM 2 HO SPRD											
JAN21	---	---	---	---	---	---	---	---	50	---	---	---
									50			
	GULF COAST NO.6 FUEL OIL CRACK											
	GULF COAST ULSO CALENDAR											
	GULF COAST ULSO CRACK SPREAD											
	GULF CST UNL 87 GAS M2 V. RBOB BLMO											
	GULF UNL87 M2 PL VS RBOB SPR F											
APR21	---	---	---	---	---	---	---	---	50	---	---	---
MAY21	---	---	---	---	---	---	---	---	50	---	---	---
JUN21	---	---	---	---	---	---	---	---	50	---	---	---
									150			
	GULFCST CBOB GAS A2 VS RBOB BALMO											
	HEATING OIL BALMO CLNDR											
	HEATING OIL VS. BRENT CRACK SPREAD											
DEC20	---	---	---	---	---	---	---	---	100	---	---	---
									100			
	JAPAN C&F NAPHTHA											
	JAPAN CRUDE COCKTAIL (DETAILED) FUT											
	JET CIF NWE VS ICE											
	JET FUEL UP-DOWN BALMO CLNDR S											
	LA CARB DIESEL (OPIS)											
	LA CARBOB GASOLINE(OPIS)											
	LA JET (OPIS)											
	MICRO EURO MARINE 0.5% FO BARGES											
	MICRO EUROPEAN 3.5% FUEL OIL BARGES											
DEC20	---	---	---	---	---	---	---	---	10	---	---	---
									10			
	MICRO GO 0.1% BARG PLATTS											
MAR21	---	---	---	---	---	---	---	---	59	---	---	---
MAY21	---	---	---	---	---	---	---	---	59	---	---	---
JUL21	---	---	---	---	---	---	---	---	59	---	---	---
SEP21	---	---	---	---	---	---	---	---	59	---	---	---
OCT21	---	---	---	---	---	---	---	---	59	---	---	---
									295			
	MICRO SINGAPORE FOB MARINE FUEL 0.5											
JAN21	---	---	---	---	---	---	---	---	3	---	---	---
FEB21	---	---	---	---	---	---	---	---	3	---	---	---
APR21	---	---	---	---	---	---	---	---	48	---	---	---
MAY21	---	---	---	---	---	---	---	---	45	---	---	---
									99			
	MICRO SINGAPORE FUEL OIL 380CST (PL											
DEC20	---	---	---	---	---	---	---	---	7	---	---	---
									7			
	MIN ARGUS PROPANE SAUDI ARAMCO											
	MIN EURO NPHTHA CIF NWE											
DEC20	---	---	---	---	---	---	---	---	20	---	---	---
									20			
	MIN JAPAN C&F NAPHTHA PLATTS											
	MIN JETKERO CRGOS CIF NWE VS GASOIL											
	MIN ULSO 10PPM CRGS CIF NWE VS GSL											
	MINI 1% FUEL OIL CAR MED											
	MINI ARGUS PROPANE FAR EAST IDX											
DEC20	---	---	---	---	---	---	---	---	40	---	---	---
									40			
	MINI EU 1%FO CARGO FOB NWE FUT											
	MINI EU 3.5%FO BARGE FOB RDAM FUT											
	MINI EURO NAPHTHA BALMO											
	MINI EUROPEAN FOB RDAM MARINE FUEL											
	MINI GAS EUROBOB OXY BARGES											
	MINI GAS EUROBOB OXY NWE ARGS BALMO											
	MINI RBOB V. EBOB(ARGUS) NWE BRGS											
	MINI SINGAPORE 380CST FUEL OIL											
DEC20	---	---	---	---	---	---	---	---	9	---	---	---
JAN21	---	---	---	---	---	---	---	---	10	---	---	---
									19			
	MINI SINGAPORE FO 180 CST FUT											
	MINI SINGAPORE FOB MAR FUEL 0.5% (P											
	MINI SINGAPORE FOB MARINE FUEL 0.5%											
DEC20	---	---	---	---	---	---	---	---	20	---	---	---
JAN21	---	---	---	---	---	---	---	---	6	---	---	---
FEB21	---	---	---	---	---	---	---	---	15	---	---	---
MAR21	---	---	---	---	---	---	---	---	9	---	---	---
APR21	---	---	---	---	---	---	---	---	6	---	---	---
									56			
	MINI SINGAPORE GASOIL PLATS FUT											
	MOGAS92 UNLEADED (PLATTS)											

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PG61	BULLETIN #228@	ENERGY FUTURES PRODUCTS										Tue, Nov 24, 2020	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	TAS DAILY TOTAL	
MT BELV LDH PROPEN VS EUR CIF ARA SW													
JAN21	---	---	---	---	---	---	---	---	1	---	---	---	
FEB21	---	---	---	---	---	---	---	---	1	---	---	---	
MAR21	---	---	---	---	---	---	---	---	1	---	---	---	
									3				
MT BELVIEU LDH ISO-BUTANE(OPIS)													
MTBE FOB SINGAPORE (PLATTS) FUTURES													
NAPHTHA (PLATTS) NWE CRACK													
NY 3% FUEL OIL V GULF COAST N06 3%													
NY BUCKEYE JET FUEL VS NY HARB ULSD													
DEC20	---	---	---	---	---	---	---	---	25	---	---	---	
									25				
NY HARBOR LOW SULPUR GAS 1000MBBL													
NY HARBOR RESIDUAL FUEL 1.0% S													
NY ULSD VS HEAT OIL BALMO													
NY ULSD(ARGUS) VS HO SPREAD													
NY1% VS GC SPREAD													
NYH NO 2 CRACK SPREAD CAL													
JUL21	---	---	---	---	---	---	---	---	70	---	---	---	
AUG21	---	---	---	---	---	---	---	---	70	---	---	---	
SEP21	---	---	---	---	---	---	---	---	70	---	---	---	
OCT21	---	---	---	---	---	---	---	---	15	---	---	---	
NOV21	---	---	---	---	---	---	---	---	15	---	---	---	
DEC21	---	---	---	---	---	---	---	---	15	---	---	---	
									255				
NYMEX HEATING OIL FUTURES													
NYMEX NY HARBOR HEAT OIL CLNDR													
DEC20	---	---	---	---	---	---	---	---	750	---	---	---	
JAN21	---	---	---	---	---	---	---	---	750	---	---	---	
DEC22	---	---	---	---	---	---	---	---	40	---	---	---	
JAN23	---	---	---	---	---	---	---	---	10	---	---	---	
FEB23	---	---	---	---	---	---	---	---	10	---	---	---	
MAR23	---	---	---	---	---	---	---	---	10	---	---	---	
APR23	---	---	---	---	---	---	---	---	10	---	---	---	
MAY23	---	---	---	---	---	---	---	---	10	---	---	---	
JUN23	---	---	---	---	---	---	---	---	10	---	---	---	
									1600				
NYMEX RBOB GASOLINE FUTURES													
RBOB CALENDAR FUTURE													
DEC20	---	---	---	---	---	---	---	---	575	---	---	---	
JAN21	---	---	---	---	---	---	---	---	45	---	---	---	
FEB21	---	---	---	---	---	---	---	---	95	---	---	---	
MAR21	---	---	---	---	---	---	---	---	60	---	---	---	
									775				
RBOB CRACK SPREAD													
OCT21	---	---	---	---	---	---	---	---	35	---	---	---	
NOV21	---	---	---	---	---	---	---	---	35	---	---	---	
DEC21	---	---	---	---	---	---	---	---	35	---	---	---	
									105				
RBOB GAS VS EUROBOB(ARGUS) NWE BRGS													
DEC20	---	---	---	---	---	---	---	---	10	---	---	---	
APR21	---	---	---	---	---	---	---	---	8	---	---	---	
MAY21	---	---	---	---	---	---	---	---	8	---	---	---	
JUN21	---	---	---	---	---	---	---	---	8	---	---	---	
									34				
RBOB GAS VS. BRENT CRCK SPRD													
APR22	---	---	---	---	---	---	---	---	25	---	---	---	
MAY22	---	---	---	---	---	---	---	---	25	---	---	---	
JUN22	---	---	---	---	---	---	---	---	25	---	---	---	
									75				
RBOB GASOLINE BALMO CLNDR													
RBOB VS HEATING OIL													
SING 380 FUEL OIL VS FUEL OIL ROTDM													
SINGAPORE 380CST FUEL OIL													
SINGAPORE FOB MARINE 0.5% (PLATTS)													
SINGAPORE FOB MARINE FUEL 0.5% (PLA													
SINGAPORE FUEL OIL SPREAD													
SINGAPORE GASOIL													
JAN21	---	---	---	---	---	---	---	---	200	---	---	---	
FEB21	---	---	---	---	---	---	---	---	200	---	---	---	
									400				
SINGAPORE GASOIL VS ICE													
SINGAPORE JET KERO GASOIL													
SINGAPORE JET KEROSENE													
JAN21	---	---	---	---	---	---	---	---	40	---	---	---	
FEB21	---	---	---	---	---	---	---	---	25	---	---	---	
MAR21	---	---	---	---	---	---	---	---	25	---	---	---	
									90				
SINGAPORE MOGAS95-SINGAPORE MOGAS92													
SPORE FUEL OIL 180CST 6.35 CK													
SPORE FUEL OIL 180CST 6.35 DUBAI CK													
SPORE MOGAS92 UNLD BRENT SPRD													
UCOME BIO FO (REDCT)(AR) VS LSG FUT													
ULSD UP-DOWN BALMO													
UP DOWN GC ULSD VS NMX HO SPRD													
DEC20	---	---	---	---	---	---	---	---	240	---	---	---	
JAN21	---	---	---	---	---	---	---	---	400	---	---	---	

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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
FEB21	---	---	---	---	---	---	---	---	300	---	---
MAR21	---	---	---	---	---	---	---	---	300	---	---
APR21	---	---	---	---	---	---	---	---	125	---	---
MAY21	---	---	---	---	---	---	---	---	125	---	---
JUN21	---	---	---	---	---	---	---	---	125	---	---
JUL21	---	---	---	---	---	---	---	---	220	---	---
AUG21	---	---	---	---	---	---	---	---	220	---	---
SEP21	---	---	---	---	---	---	---	---	220	---	---
									2275		
USGC MARINE FUEL 0.5% (PLATTS) FUTU											
USGC MARINE FUEL 0.5% (PLATTS) VS.											
USGC MARINE FUEL 0.5% BARGES (PLATT)											

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											
DEC20	---	---	---	---	---	---	---	---	4	---	---
APR21	---	---	---	---	---	---	---	---	2	---	---
MAY21	---	---	---	---	---	---	---	---	2	---	---
JUN21	---	---	---	---	---	---	---	---	2	---	---
JUL21	---	---	---	---	---	---	---	---	1	---	---
AUG21	---	---	---	---	---	---	---	---	1	---	---
SEP21	---	---	---	---	---	---	---	---	1	---	---
									13		
ARGUS PROPAN FAR EST INDEX											
DEC20	---	---	---	---	---	---	---	---	68	---	---
JAN21	---	---	---	---	---	---	---	---	80	---	---
FEB21	---	---	---	---	---	---	---	---	59	---	---
MAR21	---	---	---	---	---	---	---	---	22	---	---
APR21	---	---	---	---	---	---	---	---	10	---	---
MAY21	---	---	---	---	---	---	---	---	10	---	---
JUN21	---	---	---	---	---	---	---	---	10	---	---
JUL21	---	---	---	---	---	---	---	---	20	---	---
AUG21	---	---	---	---	---	---	---	---	20	---	---
SEP21	---	---	---	---	---	---	---	---	20	---	---
OCT21	---	---	---	---	---	---	---	---	10	---	---
NOV21	---	---	---	---	---	---	---	---	10	---	---
DEC21	---	---	---	---	---	---	---	---	10	---	---
									349		
ARGUS PROPAN(SAUDI ARAMCO)											
DEC20	---	---	---	---	---	---	---	---	27	---	---
JAN21	---	---	---	---	---	---	---	---	51	---	---
FEB21	---	---	---	---	---	---	---	---	22	---	---
MAR21	---	---	---	---	---	---	---	---	5	---	---
APR21	---	---	---	---	---	---	---	---	5	---	---
JUL21	---	---	---	---	---	---	---	---	10	---	---
AUG21	---	---	---	---	---	---	---	---	10	---	---
SEP21	---	---	---	---	---	---	---	---	10	---	---
OCT21	---	---	---	---	---	---	---	---	10	---	---
NOV21	---	---	---	---	---	---	---	---	10	---	---
DEC21	---	---	---	---	---	---	---	---	10	---	---
									170		
ARGUS PROPANE FAR E INDX BALMO											
CONWAY NAT GASOLINE											
CONWAY NORMAL BUTANE											
JAN21	---	---	---	---	---	---	---	---	15	---	---
FEB21	---	---	---	---	---	---	---	---	15	---	---
MAR21	---	---	---	---	---	---	---	---	15	---	---
									45		
CONWAY PROPANE (OPIS) BALMO											
CONWAY PROPANE 5 DEC.											
DEC20	---	---	---	---	---	---	---	---	30	---	---
JAN21	---	---	---	---	---	---	---	---	30	---	---
FEB21	---	---	---	---	---	---	---	---	20	---	---
MAR21	---	---	---	---	---	---	---	---	45	---	---
OCT21	---	---	---	---	---	---	---	---	39	---	---
NOV21	---	---	---	---	---	---	---	---	39	---	---
DEC21	---	---	---	---	---	---	---	---	39	---	---
JAN22	---	---	---	---	---	---	---	---	20	---	---
FEB22	---	---	---	---	---	---	---	---	20	---	---
MAR22	---	---	---	---	---	---	---	---	20	---	---
APR22	---	---	---	---	---	---	---	---	5	---	---
MAY22	---	---	---	---	---	---	---	---	5	---	---
JUN22	---	---	---	---	---	---	---	---	5	---	---
JUL22	---	---	---	---	---	---	---	---	5	---	---
AUG22	---	---	---	---	---	---	---	---	5	---	---
SEP22	---	---	---	---	---	---	---	---	5	---	---
OCT22	---	---	---	---	---	---	---	---	45	---	---
NOV22	---	---	---	---	---	---	---	---	45	---	---
DEC22	---	---	---	---	---	---	---	---	45	---	---
									467		
EUR PROPANE CIF ARA ARGUS BALMO											
EURO PROPANE CIF ARA											
DEC20	---	---	---	---	---	---	---	---	38	---	---
JAN21	---	---	---	---	---	---	---	---	14	---	---
FEB21	---	---	---	---	---	---	---	---	12	---	---
MAR21	---	---	---	---	---	---	---	---	16	---	---
APR21	---	---	---	---	---	---	---	---	1	---	---
MAY21	---	---	---	---	---	---	---	---	1	---	---
JUN21	---	---	---	---	---	---	---	---	1	---	---
									83		
MINI EURO PROPANE CIF ARA ARGUS FUT											
MT BELIVIEU ETHANE BALMO											
MT BELIVIEU LDH PROPANE BALMO											
MT BELIVIEU NAT GASOLINE BALMO											

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ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 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	TAS DAILY TOTAL
MT BELVIEU NORMAL BUTANE BALM												
MT BELVIEU ETHANE 5-DCML (OPIS)												
DEC20	---	---	---	---	---	---	---	---	204	---	---	---
JAN21	---	---	---	---	---	---	---	---	239	---	---	---
FEB21	---	---	---	---	---	---	---	---	50	---	---	---
MAR21	---	---	---	---	---	---	---	---	50	---	---	---
APR21	---	---	---	---	---	---	---	---	30	---	---	---
MAY21	---	---	---	---	---	---	---	---	30	---	---	---
JUN21	---	---	---	---	---	---	---	---	30	---	---	---
JUL21	---	---	---	---	---	---	---	---	25	---	---	---
AUG21	---	---	---	---	---	---	---	---	25	---	---	---
SEP21	---	---	---	---	---	---	---	---	25	---	---	---
OCT21	---	---	---	---	---	---	---	---	25	---	---	---
NOV21	---	---	---	---	---	---	---	---	25	---	---	---
DEC21	---	---	---	---	---	---	---	---	25	---	---	---
									783			
MT BELVIEU ETHYLENE (PCW) FINCL												
MT BELVIEU ETHYLENE IN-WELL (PCW)												
MT BELVIEU ISO BUTANE 5 DEC. S												
MT BELVIEU NAT GAS 5-DCML (OPIS)												
DEC20	---	---	---	---	---	---	---	---	625	---	---	---
JAN21	---	---	---	---	---	---	---	---	644	---	---	---
FEB21	---	---	---	---	---	---	---	---	175	---	---	---
MAR21	---	---	---	---	---	---	---	---	150	---	---	---
APR21	---	---	---	---	---	---	---	---	85	---	---	---
MAY21	---	---	---	---	---	---	---	---	85	---	---	---
JUN21	---	---	---	---	---	---	---	---	85	---	---	---
JUL21	---	---	---	---	---	---	---	---	5	---	---	---
AUG21	---	---	---	---	---	---	---	---	5	---	---	---
SEP21	---	---	---	---	---	---	---	---	5	---	---	---
OCT21	---	---	---	---	---	---	---	---	5	---	---	---
NOV21	---	---	---	---	---	---	---	---	5	---	---	---
DEC21	---	---	---	---	---	---	---	---	155	---	---	---
									2029			
MT BELVIEU NORMAL BUTANE LDH(OPIS)												
MT BELVIEU NRM BUTANE 5-DCML (OPIS)												
DEC20	---	---	---	---	---	---	---	---	536	---	---	---
JAN21	---	---	---	---	---	---	---	---	1047	---	---	---
FEB21	---	---	---	---	---	---	---	---	892	---	---	---
MAR21	---	---	---	---	---	---	---	---	597	---	---	---
APR21	---	---	---	---	---	---	---	---	212	---	---	---
MAY21	---	---	---	---	---	---	---	---	202	---	---	---
JUN21	---	---	---	---	---	---	---	---	202	---	---	---
JUL21	---	---	---	---	---	---	---	---	77	---	---	---
AUG21	---	---	---	---	---	---	---	---	77	---	---	---
SEP21	---	---	---	---	---	---	---	---	77	---	---	---
OCT21	---	---	---	---	---	---	---	---	22	---	---	---
NOV21	---	---	---	---	---	---	---	---	22	---	---	---
DEC21	---	---	---	---	---	---	---	---	22	---	---	---
									3985			
MT BELVIEU PROPANE 5-DCML (OPIS)												
DEC20	---	---	---	---	---	---	---	---	1752	---	---	---
JAN21	---	---	---	---	---	---	---	---	1449	---	---	---
FEB21	---	---	---	---	---	---	---	---	964	---	---	---
MAR21	---	---	---	---	---	---	---	---	979	---	---	---
APR21	---	---	---	---	---	---	---	---	615	---	---	---
MAY21	---	---	---	---	---	---	---	---	615	---	---	---
JUN21	---	---	---	---	---	---	---	---	365	---	---	---
JUL21	---	---	---	---	---	---	---	---	200	---	---	---
AUG21	---	---	---	---	---	---	---	---	200	---	---	---
SEP21	---	---	---	---	---	---	---	---	200	---	---	---
OCT21	---	---	---	---	---	---	---	---	441	---	---	---
NOV21	---	---	---	---	---	---	---	---	443	---	---	---
DEC21	---	---	---	---	---	---	---	---	443	---	---	---
JAN22	---	---	---	---	---	---	---	---	334	---	---	---
FEB22	---	---	---	---	---	---	---	---	333	---	---	---
MAR22	---	---	---	---	---	---	---	---	333	---	---	---
APR22	---	---	---	---	---	---	---	---	83	---	---	---
MAY22	---	---	---	---	---	---	---	---	82	---	---	---
JUN22	---	---	---	---	---	---	---	---	82	---	---	---
JUL22	---	---	---	---	---	---	---	---	80	---	---	---
AUG22	---	---	---	---	---	---	---	---	80	---	---	---
SEP22	---	---	---	---	---	---	---	---	80	---	---	---
OCT22	---	---	---	---	---	---	---	---	80	---	---	---
NOV22	---	---	---	---	---	---	---	---	80	---	---	---
DEC22	---	---	---	---	---	---	---	---	80	---	---	---
JAN23	---	---	---	---	---	---	---	---	65	---	---	---
FEB23	---	---	---	---	---	---	---	---	65	---	---	---
MAR23	---	---	---	---	---	---	---	---	65	---	---	---
APR23	---	---	---	---	---	---	---	---	65	---	---	---
MAY23	---	---	---	---	---	---	---	---	65	---	---	---
JUN23	---	---	---	---	---	---	---	---	65	---	---	---
JUL23	---	---	---	---	---	---	---	---	65	---	---	---
AUG23	---	---	---	---	---	---	---	---	65	---	---	---
SEP23	---	---	---	---	---	---	---	---	65	---	---	---
OCT23	---	---	---	---	---	---	---	---	65	---	---	---
NOV23	---	---	---	---	---	---	---	---	65	---	---	---
DEC23	---	---	---	---	---	---	---	---	65	---	---	---
									11173			
PROPANE NON LDH MT BELVIEU												
DEC20	---	---	---	---	---	---	---	---	729	---	---	---
JAN21	---	---	---	---	---	---	---	---	792	---	---	---
FEB21	---	---	---	---	---	---	---	---	315	---	---	---
MAR21	---	---	---	---	---	---	---	---	365	---	---	---
APR21	---	---	---	---	---	---	---	---	155	---	---	---
MAY21	---	---	---	---	---	---	---	---	155	---	---	---
JUN21	---	---	---	---	---	---	---	---	155	---	---	---
									2666			
PROPANE NON LDH MT BLV BALMO												

ETHANOL EX-PIT BREAKDOWN



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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
CHICAGO ETHANOL										
DEC20	---	---	---	---	---	---	---	1277	---	---
JAN21	---	---	---	---	---	---	---	1357	---	---
FEB21	---	---	---	---	---	---	---	645	---	---
MAR21	---	---	---	---	---	---	---	360	---	---
APR21	---	---	---	---	---	---	---	205	---	---
MAY21	---	---	---	---	---	---	---	90	---	---
JUN21	---	---	---	---	---	---	---	90	---	---
JUL21	---	---	---	---	---	---	---	15	---	---
AUG21	---	---	---	---	---	---	---	15	---	---
SEP21	---	---	---	---	---	---	---	15	---	---
								4069		
ETHANOL(PL) T2 FOB RTRDM INCL										
DEC20	---	---	---	---	---	---	---	48	---	---
JAN21	---	---	---	---	---	---	---	50	---	---
FEB21	---	---	---	---	---	---	---	10	---	---
MAR21	---	---	---	---	---	---	---	10	---	---
APR21	---	---	---	---	---	---	---	5	---	---
MAY21	---	---	---	---	---	---	---	5	---	---
JUN21	---	---	---	---	---	---	---	5	---	---
OCT21	---	---	---	---	---	---	---	20	---	---
NOV21	---	---	---	---	---	---	---	20	---	---
DEC21	---	---	---	---	---	---	---	20	---	---
								193		
METHANOL FOBHOUSTON (ARGUS)										
METHANOL T2 FOB RDAM (ICIS) FUTURES										
NEW YORK ETHANOL										
DEC20	---	---	---	---	---	---	---	25	---	---
								25		

ELECTRICITY 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
AEP-DAYTON HUB DAILY										
CIN HUB 5MW REAL TIME O PK										
CIN HUB 5MW REAL TIME PK										
GERMAN POWER BASELOAD CAL MONTH FUT										
ISO NEW ENG MASS HUB DA OP DAILY										
MISO INDIANA HUB 5MW OFPK CALDAY RT										
MISO INDIANA HUB 5MW PK CAL-DAY RT										
N ILLINOIS HUB DAILY										
NEPOOL INTR HUB 5MW D AH O PK										
NEPOOL INTR HUB 5MW D AH PK										
NEW ENGLAND HUB PEAK DAILY										
NEW YORK HUB ZONE G PEAK DAILY										
NEW YORK HUB ZONE J PEAK DAILY										
NYISO LOW HUD VAL CAP FUT										
NYISO ZONE A 5MW D AH O PK										
NYISO ZONE A DA OP DAILY										
NYISO ZONE G 5MW D AH O PK										
NYISO ZONE G 5MW D AH PK										
NYISO ZONE G DA OP DAILY										
NYISO ZONE J 5MW D AH O PK										
NYISO ZONE J 5MW D AH PK										
NYISO ZONE J DA OP DAILY										
PJM AD HUB 5MW REAL TIME O PK										
PJM AD HUB 5MW REAL TIME PK										
PJM AEP DAYTON HUB DA OP DAILY										
PJM AEP DAYTON HUB DA PEAK DAILY										
PJM AEP DAYTON HUB RT OP DAILY										
PJM DAILY										
PJM DAYTON DA OFF-PEAK										
PJM DAYTON DA PEAK										
PJM METED ZONE OFFPK CAL LMP										
PJM METED ZONE PEAK CAL LMP										
PJM NI HUB 5MW REAL TIME O PK										
PJM NI HUB 5MW REAL TIME PK										
PJM NORTERN ILL HUB RT OP DAILY										
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										
PJM WESTH RT PEAK										
PJM WESTHDA PEAK										

COAL 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
COAL (ICI4) INDONESIA COAL INDEX										
COAL API2 CIF ARA ARG-MCCLOSKEY										

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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 TAS DAILY TOTAL	TAS DAILY TOTAL
DEC20	---	---	---	---	---	---	---	---	---	61	---	---
JAN21	---	---	---	---	---	---	---	1	---	59	---	---
FEB21	---	---	---	---	---	---	---	1	---	34	---	---
MAR21	---	---	---	---	---	---	---	1	---	34	---	---
APR21	---	---	---	---	---	---	---	1	---	36	---	---
MAY21	---	---	---	---	---	---	---	1	---	36	---	---
JUN21	---	---	---	---	---	---	---	1	---	36	---	---
JUL21	---	---	---	---	---	---	---	1	---	39	---	---
AUG21	---	---	---	---	---	---	---	1	---	39	---	---
SEP21	---	---	---	---	---	---	---	1	---	39	---	---
OCT21	---	---	---	---	---	---	---	1	---	42	---	---
NOV21	---	---	---	---	---	---	---	1	---	42	---	---
DEC21	---	---	---	---	---	---	---	1	---	42	---	---
JAN22	---	---	---	---	---	---	---	---	---	9	---	---
FEB22	---	---	---	---	---	---	---	---	---	9	---	---
MAR22	---	---	---	---	---	---	---	---	---	9	---	---
APR22	---	---	---	---	---	---	---	---	---	9	---	---
MAY22	---	---	---	---	---	---	---	---	---	9	---	---
JUN22	---	---	---	---	---	---	---	---	---	9	---	---
JUL22	---	---	---	---	---	---	---	---	---	9	---	---
AUG22	---	---	---	---	---	---	---	---	---	9	---	---
SEP22	---	---	---	---	---	---	---	---	---	9	---	---
OCT22	---	---	---	---	---	---	---	---	---	9	---	---
NOV22	---	---	---	---	---	---	---	---	---	9	---	---
DEC22	---	---	---	---	---	---	---	---	---	9	---	---
JAN23	---	---	---	---	---	---	---	---	---	5	---	---
FEB23	---	---	---	---	---	---	---	---	---	5	---	---
MAR23	---	---	---	---	---	---	---	---	---	5	---	---
APR23	---	---	---	---	---	---	---	---	---	5	---	---
MAY23	---	---	---	---	---	---	---	---	---	5	---	---
JUN23	---	---	---	---	---	---	---	---	---	5	---	---
JUL23	---	---	---	---	---	---	---	---	---	5	---	---
AUG23	---	---	---	---	---	---	---	---	---	5	---	---
SEP23	---	---	---	---	---	---	---	---	---	5	---	---
OCT23	---	---	---	---	---	---	---	---	---	5	---	---
NOV23	---	---	---	---	---	---	---	---	---	5	---	---
DEC23	---	---	---	---	---	---	---	---	---	5	---	---
								12		707		
COAL API4	RCH	BAY	ARGS	MCCLOSKEY	SW							
DEC20	---	---	---	---	---	---	---	---	---	70	---	---
JAN21	---	---	---	---	---	---	---	---	---	2	---	---
FEB21	---	---	---	---	---	---	---	---	---	2	---	---
MAR21	---	---	---	---	---	---	---	---	---	2	---	---
										76		

FREIGHT 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 TAS DAILY TOTAL	TAS DAILY TOTAL
FREIGHT ROUTE LIQUID PETROLEUM GAS												
FREIGHT ROUTE TC14 (BAL TIC) FUTURES												
FREIGHT ROUTE TC17 (BAL TIC) FUTURES												
FREIGHT ROUTE TD20 (BAL TIC) FUTURES												
FREIGHT ROUTE TD22 (BAL TIC) FUTURE												
LNG FREIGHT ROUTE BLNG2 (BAL TIC) FU												
DEC20	---	---	---	---	---	---	---	---	---	20	---	---
										20		
TC2 ROTTERDAM TO USAC 37K MT												
TC5 RAS TANURA TO YOKOHAMA 55K MT												
TD3 MEG TO JAPAN 250K MT												
DEC20	---	---	---	---	---	---	---	---	---	10	---	---
										10		
USGC TO UK CONTINENT (PLATTS) DIRTY												

PLASTICS 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 TAS DAILY TOTAL	TAS DAILY TOTAL
PGP POLYMER GRD PROPYLENE CAL												

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FINAL

PG61 BULLETIN #228@

ENERGY FUTURES PRODUCTS

Tue, Nov 24, 2020 PG61

TRADE AT MARKER PRODUCTS

			VOLUME	BLOCK VOL	MARKER PRICE
BZL	BZL	BRENT CRUDE TAM LONDON			
JAN21			----	----	46.41
FEB21			----	----	46.39
MAR21			----	----	46.39
TOTAL	BRENT CRUDE TAM LONDON		----	----	
BZS	BZS	BRENT CRUDE TAM SINGAPORE			
JAN21			----	----	46.41
FEB21			----	----	46.39
MAR21			----	----	46.39
TOTAL	BRENT CRUDE TAM SINGAPORE		----	----	
CLL	CLL	CRUDE OIL TRADE AT MARKER LONDON			
JAN21			----	----	43.45
FEB21			----	----	43.66
MAR21			----	----	43.82
TOTAL	CRUDE OIL TRADE AT MARKER LONDON		----	----	
CLS	CLS	CRUDE OIL TRADE AT MARKER SINGAPORE			
JAN21			----	----	43.45
FEB21			----	----	43.66
MAR21			----	----	43.82
TOTAL	CRUDE OIL TRADE AT MARKER SINGAPORE		----	----	
HOL	HOL	HEATING OIL TAM AT LONDON			
DEC20			----	----	1.3684
JAN21			----	----	1.3727
FEB21			----	----	1.3788
TOTAL	HEATING OIL TAM AT LONDON		----	----	
RBL	RBL	RBOB GASOLINE TAM LONDON			
DEC20			----	----	1.262
JAN21			----	----	1.2544
FEB21			----	----	1.2603
TOTAL	RBOB GASOLINE TAM LONDON		----	----	