

NYMEX/COMEX Exchange ADV Report - Monthly

May 2020

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Commodity		ADV MAY 2020	ADV MAY 2019	% CHG	ADV APR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Metals Futures									
COMEX GOLD	GC	257,770	324,668.68	-20.6%	204,119.43	26.3%	364,679	280,835.88	29.9%
NYMEX HOT ROLLED STEEL	HR	875	1,291.59	-32.2%	707.86	23.6%	878	938.38	-6.5%
NYMEX PLATINUM	PL	12,146	18,855.64	-35.6%	10,413.86	16.6%	20,792	21,088.49	-1.4%
PALLADIUM	PA	1,990	5,901.77	-66.3%	1,121.14	77.5%	4,043	5,713.28	-29.2%
URANIUM	UX	0	53.41	-99.9%	0.24	-79.0%	18	75.48	-76.4%
COMEX SILVER	SI	60,544	67,102.95	-9.8%	64,655.38	-6.4%	90,988	78,124.26	16.5%
COMEX E-Mini GOLD	QO	1,173	672.14	74.5%	1,433.71	-18.2%	1,850	418.59	342.0%
COMEX E-Mini SILVER	QI	191	264.68	-27.9%	215.71	-11.5%	217	158.68	36.6%
COMEX COPPER	HG	62,611	94,646.68	-33.8%	83,860.86	-25.3%	99,359	101,263.1	-1.9%
COMEX MINY COPPER	QC	16	19.77	-21.1%	23.05	-32.3%	25	27.76	-9.7%
ALUMINUM	A38	0	0	-	0	-	0	0.21	-100.0%
ALUMINUM	AEP	87	38.18	128.9%	223.05	-60.8%	240	83.7	186.5%
ALUMINUM	ALA	0	5.45	-100.0%	0.48	-100.0%	7	2.31	198.7%
ALUMINUM	ALI	45	0	-	81.71	-44.7%	115	0	-
ALUMINUM	AUP	486	353.41	37.5%	521.38	-6.8%	519	317.15	63.5%
ALUMINUM	CUP	0	0	-	0	-	0	0	-
ALUMINUM	EDP	157	51.82	203.6%	436.95	-64.0%	280	97.73	186.1%
ALUMINUM	MJP	0	65.45	-100.0%	50.71	-100.0%	71	40.38	75.9%
COPPER	HGS	60	91	-34.1%	273.86	-78.1%	129	54.32	137.8%
FERROUS PRODUCTS	BUS	78	41.95	85.7%	241.81	-67.8%	124	61.06	103.0%
GOLD	4GC	3	0	-	0.05	5572.3%	1	0	-
GOLD	SGC	38	0	-	71.24	-46.4%	104	0	-
GOLD	SGU	48	0	-	60.19	-20.8%	337	0	-
HOT ROLLED COIL STEEL FUTURES	EHR	15	0	-	25	-40.0%	8	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	76	258.14	-70.7%	75.38	0.4%	127	336.87	-62.4%
LNDN ZINC	ZNC	0	4.91	-100.0%	0	-	0	11.48	-100.0%
MICRO GOLD	MGC	68,837	7,913.59	769.9%	75,958.38	-9.4%	62,740	9,400.87	567.4%
SILVER	SIL	3,047	651.14	367.9%	1,602.95	90.1%	2,386	739.67	222.5%
Metals Options									
ALUMINUM	ALO	0	0	-	0	-	1	0	-
COMEX COPPER	HX	530	2,318.09	-77.1%	1,822.38	-70.9%	2,797	2,953.11	-5.3%
COMEX GOLD	OG	36,292	45,550.68	-20.3%	45,570.05	-20.4%	67,902	45,645.96	48.8%

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Metals Options									
COMEX SILVER	SO	7,561	5,374.86	40.7%	6,230.14	21.4%	9,792	5,905.43	65.8%
COPPER	H1E	0	0.77	-100.0%	5.29	-100.0%	11	1.13	834.6%
COPPER	H2E	0	10.09	-100.0%	0.57	-100.0%	7	2.59	157.5%
COPPER	H3E	0	1.27	-100.0%	5.24	-100.0%	7	0.53	1243.9%
COPPER	H4E	0	0.5	-100.0%	0	-	4	0.41	768.7%
COPPER	H5E	0	0.45	-100.0%	0	-	7	0.19	3391.9%
GOLD	OG1	746	807.14	-7.6%	1,231.81	-39.5%	1,898	1,074.36	76.7%
GOLD	OG2	837	1,720.09	-51.3%	1,201.33	-30.3%	1,963	1,227.66	59.9%
GOLD	OG3	868	819.36	6.0%	1,881.52	-53.8%	1,767	873.43	102.3%
GOLD	OG4	895	961.73	-7.0%	930.29	-3.8%	1,582	563.21	180.8%
GOLD	OG5	882	679.09	29.9%	0	-	521	275.61	89.1%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-	1	5.77	-87.4%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	116	0	-	1.43	7984.8%	36	64.04	-43.6%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	17	0	-	29.76	-42.2%	62	34.62	78.1%
NYMEX PLATINUM	PO	68	209.5	-67.5%	106.95	-36.4%	215	184.61	16.3%
PALLADIUM	PAO	4	52.64	-93.4%	10.76	-67.5%	54	63.68	-14.9%
SILVER	SO1	30	68.91	-57.0%	36.43	-18.6%	137	48.56	181.3%
SILVER	SO2	27	35.45	-22.6%	48.67	-43.6%	133	39.75	234.3%
SILVER	SO3	30	41.45	-26.5%	43.14	-29.4%	118	52.3	125.7%
SILVER	SO4	29	26.14	10.0%	15.67	83.5%	92	20.49	347.5%
SILVER	SO5	36	25.55	40.5%	0	-	38	17.95	112.1%
Energy Futures									
CRUDE OIL PHY	CL	1,066,269	1,296,565.82	-17.8%	1,873,869.48	-43.1%	1,512,587	1,236,930.19	22.3%
CRUDE OIL	WS	8	0	-	130.95	-93.9%	28	160.52	-82.3%
MINY WTI CRUDE OIL	QM	31,113	23,291.23	33.6%	81,169.05	-61.7%	46,767	19,880.37	135.2%
BRENT OIL LAST DAY	BZ	101,667	143,536.09	-29.2%	147,925.43	-31.3%	143,816	102,013.86	41.0%
HEATING OIL PHY	HO	167,357	182,355.91	-8.2%	184,790.71	-9.4%	215,445	162,158.24	32.9%
HTG OIL	BH	0	0	-	2.29	-100.0%	0	0.46	1.0%
MINY HTG OIL	QH	0	0.14	-63.3%	0.14	-65.0%	0	0.16	24.7%
RBOB PHY	RB	162,213	219,704.36	-26.2%	187,429.9	-13.5%	215,769	218,412.22	-1.2%
MINY RBOB GAS	QU	1	0.27	83.4%	0.29	75.0%	0	0.29	27.9%

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Energy Futures									
NATURAL GAS	HP	9,027	4,845.59	86.3%	9,012.14	0.2%	8,200	5,280.7	55.3%
LTD NAT GAS	HH	13,749	12,743.64	7.9%	12,829.86	7.2%	12,408	15,231.61	-18.5%
MINY NATURAL GAS	QG	8,789	1,101.5	697.9%	6,174.76	42.3%	4,498	1,253.1	259.0%
PJM MONTHLY	JM	0	0	-	0	-	0	0	-
NATURAL GAS PHY	NG	492,646	320,445.86	53.7%	527,467.86	-6.6%	548,330	351,611.39	55.9%
RBOB GAS	RT	0	0	-	2.86	-100.0%	1	0.58	1.0%
3.5% FUEL OIL CID MED SWA	7D	0	2.86	-100.0%	0	-	0	0.7	-72.3%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-	0	0.19	-100.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ANR OKLAHOMA	NE	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	191	207.5	-7.7%	360.76	-46.9%	319	618.66	-48.5%
ARGUS PROPAN FAR EST INDE	7E	179	257.23	-30.5%	258.48	-30.8%	263	306.34	-14.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	107	130.41	-18.0%	142.95	-25.1%	129	147.95	-12.8%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	J9	0	0	-	0	-	10	6.86	52.9%
BRENT CALENDAR SWAP	CY	230	519.55	-55.7%	559.43	-58.8%	501	229.13	118.7%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-	0	67.31	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	1	-100.0%	0	-	2	0.79	127.8%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CENTERPOINT BASIS SWAP	PW	0	0	-	0	-	0	0	-
CHICAGO ETHANOL SWAP	CU	3,481	5,525.77	-37.0%	3,463.52	0.5%	4,226	5,350.38	-21.0%
CHICAGO ULSD PL VS HO SPR	5C	24	49.82	-51.8%	53.1	-54.8%	54	30.55	78.0%
CHICAGO UNL GAS PL VS RBO	3C	21	0	-	0	-	7	6.49	9.9%
CIG BASIS	CI	0	0	-	0	-	0	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	0	0	-
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	H5	0	23.82	-100.0%	0	-	11	26.35	-58.4%
CIN HUB 5MW REAL TIME O P	H4	0	0	-	0	-	0	37.69	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	-	0	-	0	3.13	-100.0%
COAL SWAP	ACM	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-	0	3.5	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	23	5.64	314.3%	3.29	610.7%	20	10.65	89.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	26	28.86	-10.8%	8.57	200.4%	12	14.02	-11.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	932	776.23	20.1%	1,097.14	-15.1%	933	710.31	31.4%
CRUDE OIL	LPS	51	136.36	-62.4%	62.86	-18.5%	42	147.36	-71.7%

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Energy Futures									
CRUDE OIL OUTRIGHTS	42	75	22.32	236.5%	276.14	-72.8%	91	24.95	264.4%
CRUDE OIL OUTRIGHTS	CC5	17	15.91	6.2%	24.29	-30.4%	26	16.35	61.7%
CRUDE OIL OUTRIGHTS	CSW	0	16.36	-100.0%	4.29	-100.0%	1	22.98	-96.2%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-	3	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	0	2.65	-100.0%
CRUDE OIL OUTRIGHTS	HTT	3,643	3,140.82	16.0%	4,882.05	-25.4%	4,782	2,958.24	61.6%
CRUDE OIL OUTRIGHTS	LSW	31	5.45	463.8%	22.62	35.9%	39	28.44	37.7%
CRUDE OIL OUTRIGHTS	WCW	74	145.55	-49.2%	92.38	-19.9%	131	261.82	-50.0%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	22	1,162.91	-98.1%	39.48	-43.1%	318	1,131.79	-71.9%
CRUDE OIL SPRDS	38	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	ANT	0	0	-	27.14	-100.0%	8	0	-
CRUDE OIL SPRDS	HIL	43	32.73	31.4%	47.62	-9.7%	20	6.92	181.9%
CRUDE OIL SPRDS	WTT	422	1,346.68	-68.6%	1,457.1	-71.0%	1,426	1,091.11	30.7%
CRUDE OIL TRADE AT MARKER SINGAPOR	CLS	0	0	-	0	-	0	0	-
DAILY PJM	AOR	0	0	-	0	-	0	0	-
DAILY PJM	IDO	0	0	-	0	-	0	0	-
DAILY PJM	NOC	0	0	-	0	-	0	0	-
DAILY PJM	PAP	0	0	-	0	-	0	0	-
DAILY PJM	PEO	0	0	-	0	-	0	0	-
DAILY PJM	PNO	0	0	-	0	-	0	0	-
DAILY PJM	PNP	0	0	-	0	-	0	0	-
DAILY PJM	PWO	0	0	-	0	-	0	0	-
DAILY PJM	PWP	0	0	-	0	-	0	0	-
DAILY PJM	WOR	0	0	-	0	-	0	0	-
DAILY PJM	ZAO	0	0	-	0	-	0	0	-
DAILY PJM	ZGO	0	0	-	0	-	0	0	-
DAILY PJM	ZJO	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-	6	0	-
DATED TO FRONTLINE BRENT	FY	0	4.55	-100.0%	11.62	-100.0%	2	9.62	-75.4%
DOMINION TRAN INC - APP I	IH	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	PG	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	3	0	-
DUBAI CRUDE OIL CALENDAR	DC	0	4.77	-100.0%	189.05	-100.0%	103	152.63	-32.3%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	1,836	292.91	526.7%	1,799.71	2.0%	1,780	362.12	391.4%

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Energy Futures									
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	A5	42	22.73	83.3%	38.29	8.8%	49	15.07	225.9%
ELEC FINSETTLED	47	0	0	-	0	-	0	0	-
ELEC MISO PEAK	4L	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-	0	0	-
ETHANOL	MTH	0	0	-	0	-	0	0.38	-24.3%
ETHANOL	Z1B	0	0	-	0	-	0	0	-
ETHANOL SWAP	MT2	2	7.05	-78.7%	7.62	-80.3%	5	5	3.5%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	142	128.59	10.5%	141.86	0.1%	250	186.46	33.9%
EURO 1% FUEL OIL NEW BALM	KX	0	0.14	-100.0%	0	-	0	0.03	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	2	1.82	-17.5%	0	-	1	2.05	-69.2%
EURO 3.5% FUEL OIL SPREAD	FK	0	1.59	-100.0%	0	-	0	1.15	-81.5%
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-	1	0	-
EUROPE 1% FUEL OIL NWE CA	UF	0	15.5	-100.0%	0	-	0	4.27	-100.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	2.82	-100.0%	0	-	0	3.35	-89.3%
EUROPE 3.5% FUEL OIL RDAM	UV	20	34.5	-40.7%	8.86	130.9%	19	60.47	-68.1%
EUROPEAN GASOIL (ICE)	7F	0	2.18	-95.4%	2.14	-95.3%	3	4.58	-35.3%
EUROPEAN NAPHTHA BALMO	KZ	1	5	-77.0%	0.33	245.0%	0	9.57	-95.9%
EUROPEAN NAPHTHA CRACK SPR	EN	39	176.64	-78.1%	50.43	-23.5%	88	248.08	-64.7%
EUROPE DATED BRENT SWAP	UB	0	11.82	-100.0%	0	-	0	10.17	-100.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0.05	-100.0%
EUROPE NAPHTHA CALSWAP	UN	18	97.05	-81.3%	25.67	-29.5%	30	114.96	-74.0%
EURO PROPANE CIF ARA SWA	PS	70	76.68	-8.8%	79.29	-11.8%	99	98.22	1.0%
FREIGHT MARKETS	ACB	0	0	-	0	-	7	0	-
FREIGHT MARKETS	BF1	0	0	-	0	-	0	0	-
FREIGHT MARKETS	BF2	5	0	-	12.29	-61.3%	5	0	-
FREIGHT MARKETS	BF3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	7	8.5	-22.4%	35.95	-81.6%	11	6.46	72.2%
FREIGHT MARKETS	FRC	0	6.82	-100.0%	0	-	0	5.77	-93.3%
FREIGHT MARKETS	FRS	0	0	-	0	-	0	0	-
FREIGHT MARKETS	T2D	16	26.36	-40.6%	0	-	8	26.83	-71.3%
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0.67	-100.0%
FREIGHT MARKETS	TD8	0	0	-	0	-	0	0.58	-100.0%

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Energy Futures									
FREIGHT MARKETS	USC	0	0	-	0	-	1	0	-
FUEL OIL CRACK VS ICE	FO	2	135.18	-98.7%	15.71	-89.2%	18	85.13	-79.0%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.14	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	0	0	-
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	17.36	-100.0%	0.33	-100.0%	0	11.5	-95.7%
GAS EURO-BOB OXY NWE BARGES	7H	98	214.55	-54.4%	72.14	35.6%	110	341.41	-67.7%
GAS EURO-BOB OXY NWE BARGES CRK	7K	286	398.14	-28.2%	476.52	-40.0%	373	484.88	-23.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0.23	-100.0%	0	-	0	0.1	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.14	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	1	1.36	-26.7%	1.19	-16.0%	1	0.99	-26.5%
GASOIL 10PPM VS ICE SWAP	TP	0	0.68	-100.0%	0	-	0	0.38	-100.0%
GASOIL CALENDAR SWAP	GX	1	0.55	65.0%	1.71	-47.5%	2	0.63	235.0%
GASOIL CRACK SPREAD CALEN	GZ	27	13.64	98.0%	1.71	1475.0%	114	7.33	1456.6%
GASOIL MINI CALENDAR SWAP	QA	19	7.5	158.0%	25	-22.6%	33	9.66	238.4%
GERMAN POWER BASELOAD CAL MONTH F	DEB	11	135.73	-91.8%	23.71	-53.2%	88	109.86	-19.5%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-	0	0	-
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	196	322.32	-39.2%	286.95	-31.7%	217	167.75	29.2%
GRP THREE UNL GS (PLT) VS	A8	142	112.23	26.5%	145.48	-2.4%	167	162.57	2.5%
GULF COAST 3% FUEL OIL BA	VZ	0	17.5	-100.0%	12.95	-100.0%	20	35.96	-43.2%
GULF COAST JET FUEL CLNDR	GE	4	0	-	21.43	-83.2%	9	2.57	269.8%
GULF COAST JET VS NYM 2 H	ME	686	1,465.59	-53.2%	918.19	-25.3%	1,019	1,038.79	-1.9%
GULF COAST NO.6 FUEL OIL	MF	344	1,086.5	-68.3%	531.14	-35.2%	808	1,232.91	-34.5%
GULF COAST NO.6 FUEL OIL	MG	0	0	-	0	-	5	9.88	-52.7%
GULF COAST ULSD CALENDAR	LY	44	24.36	79.2%	98.57	-55.7%	53	17.43	204.8%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	10	0	-
HEATING OIL BALMO CLNDR S	1G	2	0	-	25.57	-91.2%	11	0.43	2496.0%
HEATING OIL CRCK SPRD BAL	1H	0	0.82	-100.0%	0	-	0	0.17	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	120	218.18	-45.0%	0	-	65	90.27	-28.2%
HENRY HUB INDEX SWAP FUTU	IN	120	218.18	-45.0%	0	-	81	90.27	-9.7%
HENRY HUB SWAP	NN	6,845	5,036.09	35.9%	3,712.52	84.4%	4,493	5,836.88	-23.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	7.08	-100.0%
ICE BRENT DUBAI SWAP	DB	184	295.82	-37.9%	235.14	-21.9%	280	249.6	12.1%
INDIANA MISO	FAD	0	0	-	0	-	0	0	-

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Energy Futures									
INDIANA MISO	FTD	0	0	-	0	-	0	0	-
INDIANA MISO	PDD	0	0	-	0	-	0	0	-
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	ICI	10	16.82	-40.2%	12.14	-17.2%	10	18.99	-49.5%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-	1	1.63	-10.4%
JAPAN C&F NAPHTHA SWAP	JA	4	51.23	-91.3%	7.33	-39.3%	9	68.27	-87.5%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	2.65	-89.8%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-	0	0	-
JET CIF NWE VS ICE	JC	0	0	-	0	-	0	0.67	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0	-
JET FUEL UP-DOWN BALMO CL	1M	62	311.59	-80.2%	97.76	-36.8%	104	205.13	-49.5%
JKM LNG Futures	JKM	17	130.91	-86.9%	0	-	26	86.31	-69.4%
LA CARB DIESEL (OPIS) SWA	KL	9	0.45	1847.2%	35.48	-75.1%	23	2.84	705.0%
LA CARBOB GASOLINE(OPIS)S	JL	4	14.77	-74.6%	8.33	-55.0%	6	19.23	-68.4%
LA JET (OPIS) SWAP	JS	14	39.77	-65.4%	24.76	-44.5%	38	61.25	-38.3%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	3	37.73	-93.4%	230.71	-98.9%	63	141.34	-55.7%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-	0	0	-
MARS (ARGUS) VS WTI SWAP	YX	0	81.82	-100.0%	0	-	24	93.89	-74.4%
MARS (ARGUS) VS WTI TRD M	YV	751	659.09	13.9%	573.95	30.8%	780	967.64	-19.4%
MARS BLEND CRUDE OIL	MB	5	0	-	0	-	1	0	-
MCCLOSKEY ARA ARGS COAL	MTF	767	1,296.41	-40.8%	1,148.76	-33.2%	1,166	1,343.38	-13.2%
MCCLOSKEY RCH BAY COAL	MFF	55	68.32	-19.5%	58.38	-5.8%	68	118.02	-42.8%
MGF FUT	MGF	0	0	-	0	-	0	0	-
MGN1 SWAP FUT	MGN	0	2.73	-100.0%	1.43	-100.0%	2	2.21	5.4%
MICHIGAN BASIS	NF	0	0	-	0	-	0	0	-
MICHIGAN MISO	HMO	0	0	-	0	-	0	0	-
MICHIGAN MISO	HMW	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	13.82	-100.0%	0.43	-100.0%	1	9.68	-91.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	7.73	-100.0%	8.1	-100.0%	8	28.27	-71.2%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	35	184.86	-81.0%	23.86	47.3%	37	119.8	-69.1%
MJC FUT	MJC	0	1.82	-100.0%	0	-	0	1.44	-100.0%
MNC FUT	MNC	30	188.05	-83.9%	69.33	-56.3%	78	206.7	-62.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,764	459.45	283.9%	808	118.3%	1,019	633.65	60.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	3	4.32	-42.1%	7.29	-65.7%	4	8.07	-50.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	8,378	6,316.68	32.6%	10,257.38	-18.3%	9,403	6,725.45	39.8%

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Energy Futures									
MONT BELVIEU LDH PROPANE OPIS BALM	8O	80	181.73	-56.1%	165.24	-51.8%	143	162.48	-12.3%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	1,331	374.73	255.1%	2,373.33	-43.9%	1,865	393.02	374.7%
MONT BELVIEU NATURAL GASOLINE BALM	R0	60	18.41	227.3%	53.52	12.6%	46	28.12	62.4%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	3,213	2,623.68	22.5%	3,848.48	-16.5%	3,626	1,995.15	81.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	43	83.59	-48.3%	119.9	-64.0%	70	73.27	-4.3%
NAT GAS BASIS SWAP	TZ6	0	0	-	0	-	0	0	-
NATURAL GAS PEN SWP	NP	5,268	1,681.5	213.3%	3,967.43	32.8%	3,216	1,421.83	126.2%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	136	159.23	-14.7%
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	7	0	-
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	70	38.86	80.5%	26.43	165.4%	44	33.14	34.2%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-
NGPL MID-CONTINENT	NL	0	0	-	0	-	0	11.92	-100.0%
NGPL TEX/OK	PD	0	0	-	0	-	0	24.77	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	4.55	-100.0%	0	-	2	6.49	-66.3%
NORTHEN NATURAL GAS DEMAR	PE	0	0	-	0	-	0	0	-
NORTHEN NATURAL GAS VENTU	PF	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-	0	29.87	-100.0%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	27	32.27	-17.9%	31.9	-16.9%	25	23.8	4.8%
NY 3.0% FUEL OIL (PLATTS	H1	0	11.36	-100.0%	0	-	0	7.45	-100.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	MP	77	293	-73.9%	134.52	-43.1%	208	121.38	71.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	3.75	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	35	27.14	29.0%	51.05	-31.4%	62	43.81	41.8%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-	0	0	-
NYH NO 2 CRACK SPREAD CAL	HK	19	11.82	56.5%	54.05	-65.8%	62	15.43	301.4%
NYISO CAPACITY	LHV	0	0	-	0	-	0	2.31	-100.0%
NYISO CAPACITY	NNC	0	0	-	0	-	0	0	-
NYISO CAPACITY	NRS	0	0	-	0	-	0	0.58	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-	0	0	-

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NYISO ZONE G 5MW D AH O P	D2	0	1,486.55	-100.0%	0	-	0	446	-100.0%
NYISO ZONE G 5MW D AH PK	T3	0	81.77	-100.0%	0	-	0	17.3	-100.0%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-	0	0	-
NYISO ZONE J 5MW D AH PK	D3	0	0	-	0	-	0	0	-
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	UY	10	0	-	9.52	5.0%	7	13.94	-51.3%
NY ULSD (ARGUS) VS HEATING OIL	7Y	38	3.36	1020.8%	35.71	5.6%	34	11.93	182.8%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OPD	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OPM	0	4.55	-100.0%	0	-	0	0.96	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	0	-
PETROCHEMICALS	22	6	8.14	-31.8%	7.71	-28.1%	7	8.52	-14.1%
PETROCHEMICALS	32	2	3.18	-27.7%	5.86	-60.7%	4	5.19	-19.2%
PETROCHEMICALS	3NA	0	0	-	0	-	0	0.32	-81.6%
PETROCHEMICALS	51	0	0.55	-100.0%	0	-	0	0.16	-70.3%
PETROCHEMICALS	81	0	0	-	0	-	1	0	-
PETROCHEMICALS	8I	62	10.86	469.8%	31.05	99.4%	41	28.38	43.2%
PETROCHEMICALS	91	6	26.36	-78.4%	12.52	-54.5%	17	23.7	-28.0%
PETROCHEMICALS	MAA	23	0.91	2430.0%	7.62	201.9%	6	0.96	541.2%
PETROCHEMICALS	MAE	45	13.18	241.4%	45	0.0%	34	10.71	221.9%
PETROCHEMICALS	MAS	11	14.23	-23.4%	18.19	-40.1%	17	8.54	95.1%
PETROCHEMICALS	MBE	18	35	-50.0%	1.43	1125.0%	11	18.13	-40.0%
PETROCHEMICALS	MNB	37	32.68	13.4%	3.43	980.6%	12	47.08	-75.2%
PETROCHEMICALS	MPS	31	7	335.7%	32.29	-5.5%	18	7.49	134.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	2.55	-100.0%	0	-	1	1.79	-18.6%
PETRO CRCKS & SPRDS NA	CRB	963	298.86	222.1%	1,168.81	-17.7%	849	340.29	149.5%
PETRO CRCKS & SPRDS NA	EXR	25	116.05	-78.8%	34.9	-29.7%	74	151.68	-51.0%
PETRO CRCKS & SPRDS NA	FOC	0	43.18	-100.0%	0	-	0	22.79	-100.0%
PETRO CRCKS & SPRDS NA	GBB	62	15.91	288.8%	65	-4.8%	32	32.4	-1.8%
PETRO CRCKS & SPRDS NA	GCC	0	0	-	9.29	-100.0%	4	0	-
PETRO CRCKS & SPRDS NA	GCI	10	55.68	-82.8%	2.62	264.6%	47	68.63	-31.2%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GCU	24	124.05	-80.8%	48.33	-50.7%	130	166.02	-21.5%

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Energy Futures									
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	0	0.96	-100.0%
PETRO CRCKS & SPRDS NA	HOB	18	23.18	-23.4%	12	47.9%	77	47.6	61.3%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	143	356.27	-59.9%	110.67	29.0%	228	463.09	-50.7%
PETRO CRCKS & SPRDS NA	RVG	256	629.55	-59.3%	251.43	1.8%	409	729.84	-44.0%
PETRO CRCKS & SPRDS NA	SF3	0	1.91	-100.0%	0	-	0	5.03	-98.1%
PETRO CRK&SPRD EURO	1NB	0	34.32	-100.0%	11.9	-100.0%	30	79.99	-62.6%
PETRO CRK&SPRD EURO	43	1	2.27	-56.0%	0	-	0	1.2	-83.8%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0.58	-100.0%
PETRO CRK&SPRD EURO	BOB	0	18.5	-98.6%	1.9	-86.9%	3	24.87	-89.4%
PETRO CRK&SPRD EURO	EOB	1	0	-	0	-	0	0.14	34.7%
PETRO CRK&SPRD EURO	EPN	10	23	-54.6%	16.62	-37.1%	23	28.83	-20.4%
PETRO CRK&SPRD EURO	EVC	0	12.27	-100.0%	2.38	-100.0%	2	21.02	-90.6%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-	0	0.58	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-	0	2.71	-100.0%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MGB	0	1.36	-100.0%	0	-	0	1.15	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-	1	0.1	909.3%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-	0	0.56	-91.3%
PETRO CRK&SPRD EURO	NOB	1	12.82	-96.1%	3.62	-86.2%	4	25.78	-86.3%
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-	0	0.49	-100.0%
PETROLEUM PRODUCTS	1NM	0	10.91	-100.0%	4.48	-100.0%	6	4.16	47.8%
PETROLEUM PRODUCTS	EWG	8	145.45	-94.8%	17.86	-58.0%	41	157.32	-74.1%
PETROLEUM PRODUCTS	H5F	2	0	-	2.38	-37.0%	30	0	-
PETROLEUM PRODUCTS	JCC	0	0.91	-100.0%	21.9	-100.0%	11	0.19	5377.9%
PETROLEUM PRODUCTS	MME	0	0	-	0	-	1	0	-
PETROLEUM PRODUCTS	NCC	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	R5F	0	0	-	0.19	-47.5%	0	0	-
PETROLEUM PRODUCTS	S53	1	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	16	2.27	615.0%	17.14	-5.2%	10	1.78	470.4%
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	2.14	-100.0%	1	0.48	51.5%
PETROLEUM PRODUCTS ASIA	MJN	24	87.5	-72.7%	20.14	18.4%	25	81.59	-69.7%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-	0	0	-

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Energy Futures									
PETRO OUTFRIGHT EURO	0B	0	3.55	-100.0%	0.1	-100.0%	1	0.94	3.0%
PETRO OUTFRIGHT EURO	0C	0	0	-	0	-	0	0.14	-100.0%
PETRO OUTFRIGHT EURO	0D	5	96.95	-94.4%	12.95	-57.9%	15	68.47	-77.4%
PETRO OUTFRIGHT EURO	0E	0	0	-	0	-	0	0.49	-100.0%
PETRO OUTFRIGHT EURO	0F	2	19.95	-90.0%	3.81	-47.5%	5	20.36	-74.6%
PETRO OUTFRIGHT EURO	1T	0	0	-	0	-	0	0.05	-100.0%
PETRO OUTFRIGHT EURO	5L	0	2.73	-100.0%	1.9	-100.0%	1	1.86	-66.5%
PETRO OUTFRIGHT EURO	63	0	0.23	-100.0%	0	-	0	0.05	303.7%
PETRO OUTFRIGHT EURO	7I	0	5.68	-100.0%	0	-	0	4.99	-91.2%
PETRO OUTFRIGHT EURO	7R	0	4.5	-94.4%	0.24	5.0%	1	9.9	-93.1%
PETRO OUTFRIGHT EURO	88	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-	1	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-	0	0.19	-64.6%
PETRO OUTFRIGHT EURO	CPB	2	2.73	-45.0%	20.86	-92.8%	10	13	-26.5%
PETRO OUTFRIGHT EURO	EFF	2	0	-	0	-	0	1.06	-63.3%
PETRO OUTFRIGHT EURO	EFM	0	0.14	-100.0%	0	-	0	0.24	-100.0%
PETRO OUTFRIGHT EURO	ENS	0	1.82	-100.0%	0	-	0	0.91	-100.0%
PETRO OUTFRIGHT EURO	EWN	0	16.77	-100.0%	0.48	-100.0%	2	31.14	-94.5%
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTFRIGHT EURO	GNO	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	H5G	0	2.73	-100.0%	0	-	3	0.58	354.4%
PETRO OUTFRIGHT EURO	JFB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	M1B	24	0	-	1.71	1320.4%	22	0	-
PETRO OUTFRIGHT EURO	M35	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	MBB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	MBN	17	25.91	-33.4%	18.43	-6.4%	17	17.75	-5.6%
PETRO OUTFRIGHT EURO	MEF	13	18	-30.3%	6.67	88.2%	6	17.49	-66.0%
PETRO OUTFRIGHT EURO	R53	0	0.55	-100.0%	0	-	2	0.23	560.4%
PETRO OUTFRIGHT EURO	R5B	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	R5M	24	11.64	102.0%	21.38	9.9%	22	2.5	788.9%
PETRO OUTFRIGHT EURO	R5O	60	0.27	21810.5%	29.52	102.4%	32	1.16	2662.0%
PETRO OUTFRIGHT EURO	RBM	0	0	-	0.86	-100.0%	0	0	-
PETRO OUTFRIGHT EURO	S5F	10	0	-	9.05	8.9%	6	0	-
PETRO OUTFRIGHT EURO	S5M	67	0	-	76.48	-12.3%	72	0.5	14296.1%
PETRO OUTFRIGHT EURO	S5O	28	0	-	40.14	-31.4%	26	0	-
PETRO OUTFRIGHT EURO	SMU	0	0	-	0	-	0	1.2	-100.0%

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Commodity		ADV MAY 2020	ADV MAY 2019	% CHG	ADV APR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Energy Futures									
PETRO OUTFRIGHT EURO	T0	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	T2B	0	0	-	0	-	0	0.14	-100.0%
PETRO OUTFRIGHT EURO	TMB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	ULB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	UNB	0	0	-	0	-	3	0	-
PETRO OUTFRIGHT EURO	V0	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT NA	AB6	1	0	-	2.38	-47.5%	1	0	-
PETRO OUTFRIGHT NA	BCR	18	0	-	8.33	110.0%	5	0	-
PETRO OUTFRIGHT NA	DBB	0	0	-	0	-	1	0	-
PETRO OUTFRIGHT NA	FCB	0	1.45	-100.0%	0	-	0	1.58	-100.0%
PETRO OUTFRIGHT NA	H5B	0	0	-	10.71	-100.0%	15	0	-
PETRO OUTFRIGHT NA	JE	0	0	-	11.43	-100.0%	7	0	-
PETRO OUTFRIGHT NA	JET	83	190.91	-56.8%	16.67	395.0%	44	122.84	-64.0%
PETRO OUTFRIGHT NA	JTB	9	69.32	-87.4%	4.76	83.8%	17	40.38	-57.0%
PETRO OUTFRIGHT NA	MBL	6	0	-	0	-	1	0	-
PETRO OUTFRIGHT NA	MEN	3	7.05	-58.1%	5.14	-42.6%	4	9.73	-54.9%
PETRO OUTFRIGHT NA	MEO	72	101.55	-29.4%	69.38	3.3%	68	129.69	-47.9%
PETRO OUTFRIGHT NA	MFD	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT NA	MMF	0	7.41	-100.0%	0	-	1	5.03	-86.5%
PJM AD HUB 5MW REAL TIME	V3	0	1,061.82	-100.0%	0	-	0	898.85	-100.0%
PJM AD HUB 5MW REAL TIME	Z9	0	58.41	-100.0%	0	-	0	24.62	-100.0%
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	E3	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH O PK	D9	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH PK	D8	0	0	-	0	-	0	0	-
PJM DAILY	JD	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-	0	0	-
PJM DAYTON DA PEAK	D7	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	B3	0	58.41	-100.0%	0	-	0	12.36	-100.0%
PJM NI HUB 5MW REAL TIME	B6	0	1,061.82	-100.0%	0	-	0	224.62	-100.0%
PJM NILL DA OFF-PEAK	L3	0	0	-	0	-	0	0	-
PJM NILL DA PEAK	N3	0	0	-	0	-	0	0	-
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-	0	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY A	4N	0	0	-	0	-	0	0	-
PJM PSEG DA OFF-PEAK	W6	0	0	-	0	-	0	0	-
PJM PSEG DA PEAK	L6	0	0	-	0	-	0	0	-

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Energy Futures									
PJM WESTH DA OFF-PEAK	E4	0	0	-	0	-	0	0	-
PJM WESTHDA PEAK	J4	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	N9	0	0	-	0	-	0	225	-100.0%
PJM WESTH RT PEAK	L1	0	906.41	-100.0%	0	-	86	383.85	-77.5%
PLASTICS	PGP	33	34.55	-4.5%	43.24	-23.7%	45	39.66	12.2%
PREMIUM UNLTD 10P FOB MED	3G	0	2.27	-100.0%	0	-	2	6.83	-77.5%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	-	0	-	0	0.17	-100.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.19	-100.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	-	0	-	0	0.29	-100.0%
PROPANE NON-LDHD MB (OPIS) BALMO SWP	1S	50	3.41	1371.1%	83.81	-40.2%	91	79.32	15.1%
PROPANE NON-LDHD MT. BEL (OPIS) SWP	1R	1,800	723.55	148.7%	1,089.33	65.2%	1,251	850.36	47.2%
RBOB CALENDAR SWAP	RL	210	450.05	-53.3%	366.9	-42.7%	270	330.91	-18.5%
RBOB CRACK SPREAD	RM	48	95.45	-49.7%	46.43	3.4%	75	63.89	16.6%
RBOB CRACK SPREAD BALMO S	1E	0	1.14	-100.0%	0	-	0	0.24	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	18	36.59	-51.4%	59.1	-69.9%	28	49.1	-43.1%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	65	0	-	42.38	53.4%	36	0.72	4867.4%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	XX	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	0	0.45	-100.0%	0	-	0	0.7	-43.3%
SINGAPORE 380CST BALMO	BT	0	1.18	-100.0%	0.1	-100.0%	0	2.15	-82.4%
SINGAPORE 380CST FUEL OIL	SE	8	164.55	-95.0%	11.48	-29.0%	16	153.47	-89.7%
SINGAPORE FUEL 180CST CAL	UA	1	9.36	-85.0%	0.48	194.0%	2	14.68	-89.3%
SINGAPORE FUEL OIL SPREAD	SD	0	1.27	-100.0%	0	-	1	2.63	-70.4%
SINGAPORE GASOIL	MAF	9	72.64	-87.6%	15.05	-40.2%	12	84.03	-86.0%
SINGAPORE GASOIL	MTB	0	2.36	-100.0%	0.95	-100.0%	1	2.34	-74.2%
SINGAPORE GASOIL	MTS	13	157.68	-91.8%	15.57	-16.5%	26	172.79	-85.1%
SINGAPORE GASOIL	SBM	2	0	-	1.05	105.2%	1	0	-
SINGAPORE GASOIL	STZ	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	MSG	50	7.91	536.0%	34.05	47.7%	49	8.3	486.6%
SINGAPORE GASOIL SWAP	SG	31	25.36	20.6%	88.95	-65.6%	62	52.68	17.7%
SINGAPORE GASOIL VS ICE	GA	2	0	-	6.43	-76.7%	3	41.73	-93.4%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	3	0	-
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	0	0.96	-100.0%

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Energy Futures									
SINGAPORE JET KEROSENE SW	KS	19	18.18	5.9%	9.05	112.8%	48	28.7	66.9%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	0	13.22	-98.2%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	34	206	-83.7%	65.24	-48.6%	179	682.04	-73.7%
SING FUEL	MSD	0	0	-	0	-	0	0	-
Sumas Basis Swap	NK	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	5.91	-100.0%	0	-	0	10.67	-100.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	10.23	-100.0%	0	-	1	16.78	-91.9%
TCO BASIS SWAP	TC	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	TL	38	317.05	-87.9%	34.95	10.0%	148	211.16	-29.8%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-	0	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	-	0	-	0	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-	0	0	-
UCM FUT	UCM	0	0	-	0	-	0	0.19	-100.0%
UK NBP NAT GAS CAL MTH FUT	UKG	4	0.91	285.0%	8.52	-58.9%	18	30.28	-42.0%
ULSD UP-DOWN BALMO SWP	1L	238	203.41	16.8%	213.33	11.4%	348	268.7	29.4%
UP DOWN GC ULSD VS NMX HO	LT	3,301	1,742.59	89.4%	2,987.48	10.5%	2,803	1,363.81	105.5%
WAHA BASIS	NW	0	6.82	-100.0%	0	-	0	6.25	-100.0%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	0	8.31	-100.0%
WTI-BRENT CALENDAR SWAP	BK	2,155	1,855.55	16.1%	1,822.76	18.2%	2,463	1,740.67	41.5%
WTI CALENDAR	CS	2,838	1,834.91	54.6%	6,951.62	-59.2%	3,677	2,234.13	64.6%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	3	0	-
WTS (ARGUS) VS WTI SWAP	FF	52	626.32	-91.7%	427.33	-87.9%	340	258	31.7%
WTS (ARGUS) VS WTI TRD MT	FH	47	35.45	33.3%	139.52	-66.1%	86	45.75	87.9%
Energy Options									
BRENT CALENDAR SWAP	BA	46	95.45	-51.8%	0	-	9	22.5	-60.3%
BRENT CRUDE OIL 1 M CSO	9C	75	47.73	57.1%	1.19	6199.9%	226	299.52	-24.4%
BRENT OIL LAST DAY	BE	1,002	3,159.09	-68.3%	3,617.24	-72.3%	1,631	2,349.03	-30.5%
BRENT OIL LAST DAY	BZO	1,068	7,161.68	-85.1%	2,203.48	-51.5%	2,960	5,086.62	-41.8%
BRENT OIL LAST DAY	OS	0	0	-	0	-	0	0	-
COAL API2 INDEX	CLA	0	2.27	-100.0%	0	-	0	1.3	-100.0%
COAL API2 INDEX	CQA	0	0	-	0	-	0	4.9	-100.0%
CRUDE OIL	6Y	0	0	-	0	-	0	1.44	-100.0%
CRUDE OIL 1MO	WA	15,884	13,781.82	15.3%	11,802.71	34.6%	13,283	12,592.89	5.5%

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Energy Options									
CRUDE OIL APO	AO	540	1,262.91	-57.2%	2,480.86	-78.2%	3,032	2,513.31	20.6%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	1.92	-100.0%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-	0	9.23	-100.0%
CRUDE OIL PHY	CD	0	13.64	-100.0%	0	-	7	11.06	-34.1%
CRUDE OIL PHY	LC	567	610.95	-7.2%	1,580.95	-64.1%	707	517.37	36.7%
CRUDE OIL PHY	LO	87,784	164,601.55	-46.7%	156,586.52	-43.9%	155,723	125,038.43	24.5%
CRUDE OIL PHY	LO1	109	722	-84.9%	828.38	-86.8%	1,323	820.64	61.2%
CRUDE OIL PHY	LO2	67	642.18	-89.6%	933.29	-92.9%	735	825.14	-10.9%
CRUDE OIL PHY	LO3	58	472.91	-87.7%	464.62	-87.5%	815	360.35	126.3%
CRUDE OIL PHY	LO4	213	941.95	-77.4%	1,042.71	-79.6%	1,258	790.46	59.2%
CRUDE OIL PHY	LO5	180	849.45	-78.8%	0	-	405	367.92	10.2%
ETHANOL SWAP	CVR	172	527.64	-67.4%	78.33	119.8%	151	411.7	-63.3%
ETHANOL SWAP	GVR	6	0	-	0	-	6	7.5	-22.3%
FREIGHT MARKETS	TDT	0	0	-	0	-	0	0	-
HEATING OIL PHY	LB	1	3.27	-84.7%	0	-	26	7.19	267.0%
HEATING OIL PHY	OH	312	1,847.36	-83.1%	581.38	-46.4%	851	1,347.71	-36.9%
HENRY HUB FINANCIAL LAST	E7	187	420.55	-55.6%	446.1	-58.1%	300	377.13	-20.4%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	1	20.67	-95.3%
LLS CRUDE OIL	WJO	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	MTO	54	0	-	25.71	108.2%	29	1.25	2258.1%
MCCLOSKEY RCH BAY COAL	MFO	4	4.55	-17.5%	2.38	57.5%	3	3.56	-25.0%
NATURAL GAS 1 M CSO FIN	G4	2,980	885.23	236.6%	2,623.81	13.6%	4,116	1,865.14	120.7%
NATURAL GAS 2 M CSO FIN	G2	125	3.41	3566.7%	0	-	61	17.55	245.8%
NATURAL GAS 3 M CSO FIN	G3	1,380	686.36	101.1%	1,596.67	-13.6%	1,675	439.42	281.1%
NATURAL GAS 5 M CSO FIN	G5	0	11.36	-100.0%	190.48	-100.0%	101	2.4	4120.7%
NATURAL GAS 6 M CSO FIN	G6	0	186.36	-100.0%	0	-	1,285	312.26	311.7%
NATURAL GAS OPT	TFO	2,735	0	-	0	-	560	0	-
NATURAL GAS OPTION ON CALENDAR STR	6J	77	27.27	182.3%	181.9	-57.7%	155	79.81	94.6%
NATURAL GAS PHY	KD	362	49.45	632.6%	272.76	32.8%	255	89.38	185.2%
NATURAL GAS PHY	LN	122,675	59,565.27	106.0%	132,709.52	-7.6%	123,244	67,206.53	83.4%
NATURAL GAS PHY	ON	5,052	4,412.86	14.5%	6,099.29	-17.2%	7,249	5,946.37	21.9%
NATURAL GAS WINTER STRIP	6I	0	59.09	-100.0%	0	-	6	12.5	-53.4%
N ROCKIES PIPE SWAP	ZR	0	24.82	-100.0%	0	-	0	15.12	-100.0%
NY HARBOR HEAT OIL SWP	AT	14	304.14	-95.3%	49.62	-71.0%	126	111.2	13.4%
PETROCHEMICALS	4H	18	0.91	1858.0%	2.95	502.9%	5	17.92	-69.6%

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Energy Options									
PETROCHEMICALS	4J	0	9.09	-100.0%	0	-	0	1.92	-84.9%
PETROCHEMICALS	4K	0	0	-	0	-	0	1.54	-100.0%
PETROCHEMICALS	CPR	0	1.82	-100.0%	0	-	1	0.38	218.1%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0.23	-74.7%
PETRO OUTRIGHT NA	DAP	0	0	-	9.52	-100.0%	9	0	-
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	6	1.54	291.3%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	8.04	-100.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-	0	1.44	-100.0%
RBOB CALENDAR SWAP	RA	0	0	-	0	-	1	2.28	-36.1%
RBOB CRACK	RX	0	0	-	0	-	0	0	-
RBOB PHY	OB	281	853.36	-67.0%	570.62	-50.7%	479	825.27	-42.0%
RBOB PHY	RF	23	22.55	-0.2%	11.9	89.0%	10	9.73	-0.9%
SAN JUAN PIPE SWAP	PJ	0	41.36	-100.0%	0	-	0	8.75	-100.0%
SHORT TERM	U11	0	0	-	0	-	1	2.4	-59.6%
SHORT TERM	U12	8	0	-	0	-	3	6.73	-49.5%
SHORT TERM	U13	0	0	-	0	-	5	0	-
SHORT TERM	U14	0	0	-	4.76	-100.0%	2	0.48	303.9%
SHORT TERM	U15	15	0	-	4.76	215.0%	6	7.93	-26.6%
SHORT TERM	U22	0	0	-	0	-	0	0.01	-100.0%
SHORT TERM	U23	0	0.77	-100.0%	0	-	0	0.16	-100.0%
SHORT TERM	U24	0	0	-	0	-	0	0	-
SHORT TERM	U26	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U01	0	0	-	19.05	-100.0%	5	5.05	-3.8%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U03	0	18.36	-100.0%	14.29	-100.0%	4	3.88	12.5%
SHORT TERM NATURAL GAS	U04	55	0	-	0	-	12	5.77	110.4%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	3	1.92	76.7%
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	0	0.48	-100.0%
SHORT TERM NATURAL GAS	U07	5	0	-	0	-	5	5.77	-15.9%
SHORT TERM NATURAL GAS	U08	3	0	-	14.29	-82.5%	3	4.81	-29.3%
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	0	0.96	-100.0%
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U16	0	0	-	4.76	-100.0%	1	0.96	1.0%
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U18	0	0	-	0	-	1	0.24	303.9%
SHORT TERM NATURAL GAS	U19	5	0	-	0	-	3	0	-

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Energy Options									
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	3	0	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-	1	0.48	101.9%
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	2	0	-
SHORT TERM NATURAL GAS	U28	13	0	-	0	-	6	4.09	42.5%
SHORT TERM NATURAL GAS	U29	0	0	-	28.57	-100.0%	9	0	-
SHORT TERM NATURAL GAS	U30	0	9.09	-100.0%	4.76	-100.0%	10	1.92	417.5%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	1	8.17	-82.2%
WTI-BRENT BULLET SWAP	BV	951	2,279.55	-58.3%	3,569.29	-73.4%	3,836	2,710.87	41.5%
WTI CRUDE OIL 1 M CSO FI	7A	6,309	2,200.68	186.7%	6,841.9	-7.8%	5,189	2,978.03	74.2%
Ag Products Futures									
COCOA TAS	CJ	0	0	-	0	-	0	0	-
COFFEE	KT	0	0	-	0	-	0	0	-
COTTON	TT	0	0.27	46.7%	0.1	320.2%	0	0.09	158.2%
SUGAR 11	YO	0	0	-	0	-	0	0	-
TOTAL FUTURES GROUP									
Ag Products Futures		0	0.27	46.7%	0.1	320.2%	0	0.09	158.2%
Energy Futures		2,109,247	2,260,204.55	-6.7%	3,093,871.81	-31.8%	2,768,891	2,167,208.55	27.8%
Metals Futures		470,292	522,952.36	-10.1%	446,174.38	5.4%	650,035	499,789.65	30.1%
TOTAL FUTURES		2,579,540	2,783,157.18	-7.3%	3,540,046.29	-27.1%	3,418,926.32	2,666,998.29	28.2%
TOTAL OPTIONS GROUP									
Energy Options		251,411	268,822.14	-6.5%	337,501.33	-25.5%	331,946	236,518.62	40.3%
Metals Options		48,967	58,703.77	-16.6%	59,171.43	-17.2%	89,142	59,055.38	50.9%
TOTAL OPTIONS		300,379	327,525.91	-8.3%	396,672.76	-24.3%	421,088.41	295,573.99	42.5%

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TOTAL COMBINED								
Metals	519,260	581,656.14	-10.7%	505,345.81	2.8%	739,177	558,845.03	32.3%
Energy	2,360,658	2,529,026.68	-6.7%	3,431,373.14	-31.2%	3,100,837	2,403,727.16	29.0%
Ag Products	0	0.27	46.7%	0.1	320.2%	0	0.09	158.2%
GRAND TOTAL	2,879,918	3,110,683.09	-7.4%	3,936,719.05	-26.8%	3,840,014.73	2,962,572.28	29.6%