

NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Metals Futures									
COMEX GOLD	GC	204,119	242,683.14	-15.9%	470,747.45	-56.6%	390,440	269,075.87	45.1%
NYMEX HOT ROLLED STEEL	HR	708	906.24	-21.9%	1,395.86	-49.3%	878	843.62	4.1%
NYMEX PLATINUM	PL	10,414	18,967.24	-45.1%	33,550.05	-69.0%	22,875	21,687.55	5.5%
PALLADIUM	PA	1,121	4,603.67	-75.6%	3,484.09	-67.8%	4,538	5,662.71	-19.9%
URANIUM	UX	0	47.62	-99.5%	28.23	-99.2%	22	81.4	-72.8%
COMEX SILVER	SI	64,655	91,443.1	-29.3%	103,414.32	-37.5%	98,324	81,081.2	21.3%
COMEX E-Mini GOLD	QO	1,434	438.76	226.8%	3,370.36	-57.5%	2,013	350.56	474.3%
COMEX E-Mini SILVER	QI	216	189.05	14.1%	330.64	-34.8%	223	130.24	71.3%
COMEX COPPER	HG	83,861	106,833.24	-21.5%	105,674.5	-20.6%	108,214	103,038.23	5.0%
COMEX MINY COPPER	QC	23	37.1	-37.9%	23.86	-3.4%	27	29.9	-8.6%
ALUMINUM	A38	0	0	-	0	-	0	0.27	-100.0%
ALUMINUM	AEP	223	111.29	100.4%	376.82	-40.8%	276	95.91	188.3%
ALUMINUM	ALA	0	0	-	12.27	-96.1%	9	1.46	484.5%
ALUMINUM	ALI	82	0	-	138.09	-40.8%	132	0	-
ALUMINUM	AUP	521	299.29	74.2%	472.59	10.3%	527	307.43	71.3%
ALUMINUM	CUP	0	0	-	0	-	1	0	-
ALUMINUM	EDP	437	71.05	515.0%	459.05	-4.8%	309	110.05	180.8%
ALUMINUM	MJP	51	25.71	97.2%	97.73	-48.1%	88	33.66	161.8%
COPPER	HGS	274	56.95	380.9%	84.68	223.4%	146	44.48	227.8%
FERROUS PRODUCTS	BUS	242	118.1	104.8%	179.09	35.0%	135	66.18	104.0%
GOLD	4GC	0	0	-	0	-	0	0	-
GOLD	SGC	71	0	-	163.05	-56.3%	120	0	-
GOLD	SGU	60	0	-	443.64	-86.4%	407	0	-
HOT ROLLED COIL STEEL FUTURES	EHR	25	0	-	2.27	1000.0%	7	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	75	211	-64.3%	233.36	-67.7%	139	357.99	-61.2%
LNDN ZINC	ZNC	0	5.57	-100.0%	0	-	0	13.24	-100.0%
MICRO GOLD	MGC	75,958	8,804.29	762.7%	80,161.45	-5.2%	61,271	9,799.89	525.2%
SILVER	SIL	1,603	753.86	112.6%	3,379.32	-52.6%	2,226	763.43	191.6%

Metals Options

ALUMINUM	ALO	0	0	-	0	-	2	0	-
COMEX COPPER	HX	1,822	3,322.9	-45.2%	2,827.86	-35.6%	3,343	3,123.48	7.0%
COMEX GOLD	OG	45,570	38,430.14	18.6%	87,389	-47.9%	75,519	45,671.52	65.4%

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Metals Options									
COMEX SILVER	SO	6,230	4,932.14	26.3%	12,451.05	-50.0%	10,329	6,047.78	70.8%
COPPER	H1E	5	3.05	73.4%	0.18	2807.4%	13	1.22	969.9%
COPPER	H2E	1	1.19	-52.0%	0.18	214.3%	8	0.57	1341.9%
COPPER	H3E	5	0	-	5.18	1.1%	9	0.33	2578.2%
COPPER	H4E	0	0.48	-100.0%	0.09	-100.0%	4	0.39	1042.1%
COPPER	H5E	0	0	-	0	-	8	0.12	6733.9%
GOLD	OG1	1,232	1,677.52	-26.6%	2,589.14	-52.4%	2,176	1,146.05	89.9%
GOLD	OG2	1,201	1,160.19	3.5%	2,558.73	-53.0%	2,234	1,095.55	103.9%
GOLD	OG3	1,882	888.67	111.7%	1,817.09	3.5%	1,983	887.94	123.3%
GOLD	OG4	930	519.05	79.2%	1,195.82	-22.2%	1,747	456.29	282.9%
GOLD	OG5	0	0	-	0	-	434	167.35	159.4%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-	1	7.32	-87.7%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	1	150	-99.0%	47.73	-97.0%	17	81.22	-79.1%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	30	85.71	-65.3%	65.45	-54.5%	72	43.9	64.8%
NYMEX PLATINUM	PO	107	201.62	-47.0%	206.5	-48.2%	250	177.93	40.6%
PALLADIUM	PAO	11	72.76	-85.2%	74.77	-85.6%	66	66.65	-0.3%
SILVER	SO1	36	47	-22.5%	215.91	-83.1%	162	43.1	276.7%
SILVER	SO2	49	69.62	-30.1%	292.05	-83.3%	158	40.9	287.0%
SILVER	SO3	43	53.86	-19.9%	128.45	-66.4%	139	55.21	152.1%
SILVER	SO4	16	39.52	-60.4%	20.32	-22.9%	107	18.98	463.1%
SILVER	SO5	0	0	-	0	-	39	15.91	142.5%
Energy Futures									
CRUDE OIL PHY	CL	1,873,869	1,315,648.14	42.4%	1,859,557.27	0.8%	1,620,134	1,220,930.39	32.7%
CRUDE OIL	WS	131	50.67	158.5%	0	-	33	203.59	-83.7%
MINY WTI CRUDE OIL	QM	81,169	14,263.57	469.1%	63,336.41	28.2%	50,539	18,965.26	166.5%
BRENT OIL LAST DAY	BZ	147,925	114,065.43	29.7%	171,857.68	-13.9%	153,972	90,873.74	69.4%
HEATING OIL PHY	HO	184,791	142,807.57	29.4%	231,885.73	-20.3%	227,032	156,739.35	44.8%
HTG OIL	BH	2	2.29	0.0%	0	-	1	0.59	-1.2%
MINY HTG OIL	QH	0	0.19	-25.0%	0.23	-37.1%	0	0.17	41.2%
RBOB PHY	RB	187,430	249,707.81	-24.9%	255,716.5	-26.7%	228,674	218,065.55	4.9%
MINY RBOB GAS	QU	0	0.14	99.9%	0.45	-37.1%	0	0.29	15.2%

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Energy Futures									
NATURAL GAS	HP	9,012	5,052.9	78.4%	8,488.14	6.2%	8,001	5,397.44	48.2%
LTD NAT GAS	HH	12,830	13,835.19	-7.3%	10,897.5	17.7%	12,085	15,899.11	-24.0%
MINY NATURAL GAS	QG	6,175	988.62	524.6%	3,124.59	97.6%	3,464	1,293.77	167.7%
PJM MONTHLY	JM	0	0	-	0	-	0	0	-
NATURAL GAS PHY	NG	527,468	330,666.71	59.5%	550,825.05	-4.2%	561,748	359,972.88	56.1%
RBOB GAS	RT	3	2.86	0.0%	0	-	1	0.73	-1.2%
3.5% FUEL OIL CID MED SWA	7D	0	0.24	-100.0%	0	-	0	0.12	97.5%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-	0	0.24	-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	361	583.38	-38.2%	433.09	-16.7%	349	728.98	-52.1%
ARGUS PROPAN FAR EST INDE	7E	258	320.86	-19.4%	321.68	-19.6%	283	319.51	-11.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	143	167.43	-14.6%	124.32	15.0%	134	152.66	-12.0%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	J9	0	17.38	-100.0%	33.64	-100.0%	13	8.7	49.6%
BRENT CALENDAR SWAP	CY	559	101.81	449.5%	831.55	-32.7%	566	151.21	274.5%
BRENT FINANCIAL FUTURES	BB	0	166.67	-100.0%	0	-	0	85.37	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	-	2.27	-100.0%	2	0.73	204.6%
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	3,464	5,245.19	-34.0%	6,056.73	-42.8%	4,406	5,303.33	-16.9%
CHICAGO ULSD PL VS HO SPR	5C	53	11.9	346.0%	99.41	-46.6%	62	25.38	143.2%
CHICAGO UNL GAS PL VS RBO	3C	0	7.62	-100.0%	6.59	-100.0%	4	8.23	-54.6%
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	0	-	0	-	14	27.02	-49.7%
CIN HUB 5MW REAL TIME O P	H4	0	0	-	0	-	0	47.8	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	-	0	-	0	3.96	-100.0%
COAL SWAP	ACM	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	5Z	0	17.33	-100.0%	0	-	0	4.44	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	3	6.67	-50.7%	26.14	-87.4%	19	12	62.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	9	14.76	-41.9%	2.27	277.1%	9	10.04	-8.4%
CONWAY PROPANE 5 DECIMALS SWAP	8K	1,097	686.71	59.8%	1,052.09	4.3%	933	692.62	34.7%
CRUDE OIL	LPS	63	154.76	-59.4%	0	-	39	150.3	-73.8%

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Energy Futures									
CRUDE OIL OUTRIGHTS	42	276	24.86	1010.9%	58.95	368.4%	95	25.66	269.3%
CRUDE OIL OUTRIGHTS	CC5	24	25.71	-5.6%	27.27	-11.0%	29	16.46	74.5%
CRUDE OIL OUTRIGHTS	CSW	4	8.57	-50.0%	0	-	1	24.76	-95.6%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	9.32	-100.0%	3	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	0	3.37	-100.0%
CRUDE OIL OUTRIGHTS	HTT	4,882	3,314.57	47.3%	8,440.91	-42.2%	5,056	2,909.26	73.8%
CRUDE OIL OUTRIGHTS	LSW	23	36.81	-38.6%	65.68	-65.6%	41	34.61	19.1%
CRUDE OIL OUTRIGHTS	WCW	92	141.67	-34.8%	133.64	-30.9%	145	293.01	-50.6%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	39	1,075.05	-96.3%	342.5	-88.5%	389	1,123.44	-65.4%
CRUDE OIL SPRDS	38	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	ANT	27	0	-	12.73	113.3%	10	0	-
CRUDE OIL SPRDS	HIL	48	0	-	0	-	14	0	-
CRUDE OIL SPRDS	WTT	1,457	1,292.24	12.8%	2,366.18	-38.4%	1,668	1,022.54	63.2%
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	-	29.09	-100.0%	8	0	-
DATED TO FRONTLINE BRENT	FY	12	14.29	-18.7%	0	-	3	10.98	-73.2%
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	-	13.64	-100.0%	4	0	-
DUBAI CRUDE OIL CALENDAR	DC	189	22.38	744.7%	303.64	-37.7%	128	192.29	-33.3%
DUTCH TTF NATURAL GAS CAL MONTH FU1	TTF	1,800	185.14	872.1%	2,368.14	-24.0%	1,766	380.68	363.9%

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Energy Futures									
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	A5	38	1.86	1961.6%	35.27	8.5%	51	13.01	291.2%
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	1.43	-100.0%	0	-	0	0.49	-25.9%
ETHANOL	Z1B	0	0	-	0	-	0	0	-
ETHANOL SWAP	MT2	8	7.38	3.2%	1.82	319.0%	6	4.45	36.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	142	149	-4.8%	477.64	-70.3%	276	201.99	36.4%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-	0	0	-
EURO 3.5% FUEL OIL RDAM B	KR	0	1.33	-100.0%	0	-	0	2.11	-80.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	1.9	-100.0%	0.23	-100.0%	0	1.04	-74.4%
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-	1	0	-
EUROPE 1% FUEL OIL NWE CA	UF	0	0.43	-100.0%	0	-	0	1.26	-100.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	0.62	-100.0%	0	-	0	3.49	-87.2%
EUROPE 3.5% FUEL OIL RDAM	UV	9	57.05	-84.5%	27.14	-67.4%	19	67.44	-71.8%
EUROPEAN GASOIL (ICE)	7F	2	0	-	2.86	-25.2%	4	5.22	-30.1%
EUROPEAN NAPHTHA BALMO	KZ	0	6.1	-94.5%	0	-	0	10.79	-98.1%
EUROPEAN NAPHTHA CRACK SPR	EN	50	228.9	-78.0%	160.41	-68.6%	99	267.24	-62.8%
EUROPE DATED BRENT SWAP	UB	0	2.38	-100.0%	0	-	0	9.73	-100.0%
EUROPE JET KERO NWE CALSW	UJ	0	0.24	-100.0%	0	-	0	0.06	-100.0%
EUROPE NAPHTHA CALSWAP	UN	26	121.33	-78.8%	32.45	-20.9%	33	119.77	-72.7%
EURO PROPANE CIF ARA SWA	PS	79	105.1	-24.6%	117.32	-32.4%	106	104	2.2%
FREIGHT MARKETS	ACB	0	0	-	33.41	-100.0%	9	0	-
FREIGHT MARKETS	BF1	0	0	-	0	-	0	0	-
FREIGHT MARKETS	BF2	12	0	-	4.77	157.4%	5	0	-
FREIGHT MARKETS	BF3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	36	2.62	1272.8%	5.05	612.6%	12	5.91	106.6%
FREIGHT MARKETS	FRC	0	3.81	-100.0%	0	-	0	5.49	-91.2%
FREIGHT MARKETS	FRS	0	0	-	0	-	0	0	-
FREIGHT MARKETS	T2D	0	15.95	-100.0%	7.5	-100.0%	6	26.95	-78.5%
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0.85	-100.0%
FREIGHT MARKETS	TD8	0	0	-	0	-	0	0.73	-100.0%

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Energy Futures									
FREIGHT MARKETS	USC	0	0	-	0	-	1	0	-
FUEL OIL CRACK VS ICE	FO	16	92.86	-83.1%	20.55	-23.5%	22	71.71	-69.7%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.18	-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	4.05	-91.8%	0.27	22.2%	1	9.93	-93.8%
GAS EURO-BOB OXY NWE BARGES	7H	72	334.19	-78.4%	158.23	-54.4%	113	375.45	-69.8%
GAS EURO-BOB OXY NWE BARGES CRK	7K	477	504.86	-5.6%	304.09	56.7%	394	508.16	-22.4%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0.24	-100.0%	0	-	0	0.06	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.18	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	1	2.33	-49.0%	0.23	423.8%	1	0.89	-25.6%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0.29	-100.0%
GASOIL CALENDAR SWAP	GX	2	0	-	5.59	-69.3%	2	0.66	267.8%
GASOIL CRACK SPREAD CALEN	GZ	2	0	-	0	-	135	5.63	2296.6%
GASOIL MINI CALENDAR SWAP	QA	25	11.81	111.7%	53.09	-52.9%	36	10.24	250.6%
GERMAN POWER BASELOAD CAL MONTH F	DEB	24	119.14	-80.1%	13.59	74.5%	107	102.91	4.1%
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	287	81.67	251.4%	210.64	36.2%	222	126.28	75.6%
GRP THREE UNL GS (PLT) VS	A8	145	181.38	-19.8%	203.86	-28.6%	173	176.07	-2.0%
GULF COAST 3% FUEL OIL BA	VZ	13	32.62	-60.3%	8.18	58.3%	25	40.91	-38.0%
GULF COAST JET FUEL CLNDR	GE	21	0	-	10.23	109.5%	11	3.26	235.2%
GULF COAST JET VS NYM 2 H	ME	918	949.76	-3.3%	1,403.36	-34.6%	1,100	924.28	19.0%
GULF COAST NO.6 FUEL OIL	MF	531	1,157.86	-54.1%	1,311.59	-59.5%	919	1,272.2	-27.7%
GULF COAST NO.6 FUEL OIL	MG	0	5.24	-100.0%	0	-	6	12.54	-53.7%
GULF COAST ULSD CALENDAR	LY	99	7.81	1162.2%	38	159.4%	55	15.57	255.8%
GULF COAST ULSD CRACK SPR	GY	0	0	-	10.91	-100.0%	13	0	-
HEATING OIL BALMO CLNDR S	1G	26	1.67	1434.3%	22.73	12.5%	13	0.55	2341.3%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0	-
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	0	218.48	-100.0%	194.55	-100.0%	52	55.95	-7.8%
HENRY HUB INDEX SWAP FUTU	IN	0	218.48	-100.0%	194.55	-100.0%	72	55.95	29.0%
HENRY HUB SWAP	NN	3,713	5,567.81	-33.3%	3,391.95	9.5%	3,926	6,051.73	-35.1%
HOUSTON SHIP CHANNEL BASI	NH	0	35.05	-100.0%	0	-	0	8.98	-100.0%
ICE BRENT DUBAI SWAP	DB	235	205.95	14.2%	490.82	-52.1%	303	237.2	27.7%
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	12	8.19	48.3%	15.5	-21.7%	9	19.57	-51.6%
JAPAN C&F NAPHTHA CRACK S	JB	0	8.05	-100.0%	6.82	-100.0%	2	2.06	-12.3%
JAPAN C&F NAPHTHA SWAP	JA	7	77.19	-90.5%	8.68	-15.5%	10	72.84	-86.9%
JAPAN NAPHTHA BALMO SWAP	E6	0	0.24	-100.0%	0	-	0	3.37	-90.0%
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	0.85	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0	-
JET FUEL UP-DOWN BALMO CL	1M	98	230	-57.5%	97.82	-0.1%	114	176.57	-35.6%
JKM LNG Futures	JKM	0	37.71	-100.0%	0.23	-100.0%	29	74.34	-61.4%
LA CARB DIESEL (OPIS) SWA	KL	35	0	-	37.5	-5.4%	26	3.48	654.0%
LA CARBOB GASOLINE(OPIS)S	JL	8	4.76	75.0%	3.41	144.4%	7	20.43	-67.6%
LA JET (OPIS) SWAP	JS	25	81.9	-69.8%	29.55	-16.2%	44	67.01	-35.0%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	231	222.9	3.5%	7.5	2976.2%	77	169.13	-54.4%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-	0	0	-
MARS (ARGUS) VS WTI SWAP	YX	0	26.67	-100.0%	0	-	30	97.13	-69.2%
MARS (ARGUS) VS WTI TRD M	YV	574	1,037.71	-44.7%	1,204.95	-52.4%	787	1,050.43	-25.1%
MCCLOSKEY ARA ARGS COAL	MTF	1,149	1,240.24	-7.4%	1,100.82	4.4%	1,262	1,355.98	-6.9%
MCCLOSKEY RCH BAY COAL	MFF	58	110.81	-47.3%	61.64	-5.3%	71	131.35	-46.3%
MGF FUT	MGF	0	0	-	0	-	0	0	-
MGN1 SWAP FUT	MGN	1	0	-	3.18	-55.1%	3	2.07	39.5%
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	3.19	-86.6%	2.05	-79.0%	1	8.57	-87.9%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	8	55.9	-85.5%	15.91	-49.1%	10	33.78	-70.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	24	128.71	-81.5%	27.95	-14.7%	38	102.34	-63.3%
MJC FUT	MJC	0	0	-	0	-	0	1.34	-100.0%
MNC FUT	MNC	69	195.67	-64.6%	118.5	-41.5%	90	211.71	-57.4%
MONT BELVIEU ETHANE 5 DECIMAL	C0	808	712.57	13.4%	884.5	-8.6%	840	680.39	23.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	7	7.1	2.7%	4.09	78.1%	4	9.07	-52.5%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	10,257	8,225.67	24.7%	10,198.82	0.6%	9,651	6,835.12	41.2%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	165	53.62	208.2%	122.32	35.1%	158	157.32	0.2%

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Energy Futures									
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	2,373	391.76	505.8%	2,973.64	-20.2%	1,994	397.93	401.2%
MONT BELVIEU NATURAL GASOLINE BALM	R0	54	14.76	262.6%	46.91	14.1%	42	30.72	37.2%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	3,848	2,123	81.3%	4,094.68	-6.0%	3,725	1,826.52	104.0%
MONT BELVIEU NORMAL BUTANE BALMO	8J	120	59.38	101.9%	69.18	73.3%	77	70.5	8.7%
NAT GAS BASIS SWAP	TZ6	0	0	-	0	-	0	0	-
NATURAL GAS PEN SWP	NP	3,967	1,477.38	168.5%	3,256.59	21.8%	2,721	1,352.16	101.3%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	169	201.95	-16.5%
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	9	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	26	14.52	82.0%	36.82	-28.2%	38	31.61	21.1%
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	15.12	-100.0%
NGPL TEX/OK	PD	0	122.67	-100.0%	0	-	0	31.41	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-	3	7.01	-61.3%
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	37.88	-100.0%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	32	7.14	346.7%	31.23	2.2%	25	21.52	14.1%
NY 3.0% FUEL OIL (PLATTS	H1	0	3.57	-100.0%	0	-	0	6.4	-100.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	MP	135	23.33	476.5%	381.36	-64.7%	240	75.34	218.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	3.57	-100.0%	0	-	0	4.76	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	51	51.57	-1.0%	81.09	-37.0%	69	48.28	42.2%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-	0	0	-
NYH NO 2 CRACK SPREAD CAL	HK	54	22.86	136.5%	109.09	-50.5%	72	16.4	341.5%
NYISO CAPACITY	LHV	0	0	-	0	-	0	2.93	-100.0%
NYISO CAPACITY	NNC	0	0	-	0	-	0	0	-
NYISO CAPACITY	NRS	0	0	-	0	-	0	0.73	-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	-
NYISO ZONE G 5MW D AH O P	D2	0	388.57	-100.0%	0	-	0	166.83	-100.0%

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Energy Futures									
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	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	-	0	-	6	17.68	-65.9%
NY ULSD (ARGUS) VS HEATING OIL	7Y	36	35.71	0.0%	67.5	-47.1%	33	14.23	130.4%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OPD	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OPM	0	0	-	0	-	0	0	-
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	0	-
PETROCHEMICALS	22	8	8.52	-9.5%	7	10.2%	8	8.62	-10.1%
PETROCHEMICALS	32	6	3.48	68.5%	3.73	57.1%	5	5.73	-18.9%
PETROCHEMICALS	3NA	0	0.76	-100.0%	0.14	-100.0%	0	0.4	-82.0%
PETROCHEMICALS	51	0	0.24	-100.0%	0	-	0	0.06	-1.3%
PETROCHEMICALS	81	0	0	-	0	-	1	0	-
PETROCHEMICALS	8I	31	44.38	-30.0%	18.45	68.2%	36	33.09	7.4%
PETROCHEMICALS	91	13	14.05	-10.8%	24.32	-48.5%	20	22.99	-13.9%
PETROCHEMICALS	MAA	8	2.38	220.0%	0.68	1017.5%	2	0.98	116.1%
PETROCHEMICALS	MAE	45	7.14	530.0%	23.41	92.2%	32	10.05	218.0%
PETROCHEMICALS	MAS	18	3.81	377.5%	26.14	-30.4%	18	7.01	157.4%
PETROCHEMICALS	MBE	1	15.95	-91.0%	11.36	-87.4%	9	13.6	-31.8%
PETROCHEMICALS	MNB	3	56.24	-93.9%	5.5	-37.7%	6	50.94	-89.1%
PETROCHEMICALS	MPS	32	4.52	613.7%	8.32	288.1%	14	7.62	88.9%
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	4.86	-100.0%	0	-	2	1.59	14.0%
PETRO CRCKS & SPRDS NA	CRB	1,169	479.76	143.6%	986.59	18.5%	822	351.4	133.8%
PETRO CRCKS & SPRDS NA	EXR	35	154.29	-77.4%	98.86	-64.7%	86	161.24	-46.5%
PETRO CRCKS & SPRDS NA	FOC	0	2.38	-100.0%	0	-	0	17.32	-100.0%
PETRO CRCKS & SPRDS NA	GBB	65	10.48	520.5%	9.09	615.0%	25	36.83	-33.3%
PETRO CRCKS & SPRDS NA	GCC	9	0	-	9.55	-2.7%	5	0	-
PETRO CRCKS & SPRDS NA	GCI	3	115.57	-97.7%	66.32	-96.1%	56	72.11	-22.0%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GCU	48	107.29	-54.9%	126.41	-61.8%	156	177.28	-12.0%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	0	1.22	-100.0%

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Energy Futures									
PETRO CRCKS & SPRDS NA	HOB	12	165.71	-92.8%	109.09	-89.0%	91	54.15	68.1%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	111	486.67	-77.3%	341.41	-67.6%	249	491.74	-49.3%
PETRO CRCKS & SPRDS NA	RVG	251	745.48	-66.3%	637.36	-60.6%	446	756.74	-41.1%
PETRO CRCKS & SPRDS NA	SF3	0	6.19	-100.0%	0	-	0	5.87	-97.9%
PETRO CRK&SPRD EURO	1NB	12	96.52	-87.7%	20.45	-41.8%	37	92.24	-59.7%
PETRO CRK&SPRD EURO	43	0	3.57	-100.0%	0	-	0	0.91	-100.0%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0.73	-100.0%
PETRO CRK&SPRD EURO	BOB	2	25.05	-92.4%	2.59	-26.5%	3	26.57	-87.9%
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0.18	-34.1%
PETRO CRK&SPRD EURO	EPN	17	29.29	-43.3%	31.5	-47.2%	26	30.39	-14.6%
PETRO CRK&SPRD EURO	EVC	2	14.43	-83.5%	0	-	2	23.37	-89.5%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-	0	0.73	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-	0	3.44	-100.0%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MGB	0	1.43	-100.0%	0	-	0	1.1	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	1.82	-100.0%	1	0.12	887.5%
PETRO CRK&SPRD EURO	NBB	0	1	-100.0%	0	-	0	0.71	-91.5%
PETRO CRK&SPRD EURO	NOB	4	22	-83.6%	6.05	-40.1%	4	29.26	-85.5%
PETRO CRK&SPRD EURO	SFB	0	1	-100.0%	0	-	0	0.62	-100.0%
PETROLEUM PRODUCTS	1NM	4	5.86	-23.6%	6.59	-32.1%	8	2.35	224.5%
PETROLEUM PRODUCTS	EWG	18	156.76	-88.6%	6.82	161.9%	49	160.5	-69.6%
PETROLEUM PRODUCTS	H5F	2	0	-	109.64	-97.8%	36	0	-
PETROLEUM PRODUCTS	JCC	22	0	-	10.23	114.2%	13	0	-
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	-	0.73	-73.8%	1	0	-
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	17	0	-	8.5	101.7%	9	1.65	426.9%
PETROLEUM PRODUCTS ASIA	E6M	2	0	-	0	-	1	0.61	48.2%
PETROLEUM PRODUCTS ASIA	MJN	20	66.29	-69.6%	22.95	-12.2%	25	80	-68.8%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	OB	0	0.95	-90.0%	3.73	-97.4%	1	0.24	394.0%

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Energy Futures									
PETRO OUTRIGHT EURO	0C	0	0.48	-100.0%	0	-	0	0.18	-100.0%
PETRO OUTRIGHT EURO	0D	13	78.33	-83.5%	9.27	39.7%	18	60.83	-70.6%
PETRO OUTRIGHT EURO	0E	0	0.95	-100.0%	0	-	0	0.62	-100.0%
PETRO OUTRIGHT EURO	0F	4	21.43	-82.2%	0	-	6	20.46	-71.0%
PETRO OUTRIGHT EURO	1T	0	0.24	-100.0%	0	-	0	0.06	-100.0%
PETRO OUTRIGHT EURO	5L	2	0.48	300.0%	0	-	1	1.62	-52.5%
PETRO OUTRIGHT EURO	63	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	7I	0	2	-100.0%	0	-	1	4.8	-88.7%
PETRO OUTRIGHT EURO	7R	0	5.43	-95.6%	0.95	-75.1%	1	11.35	-93.1%
PETRO OUTRIGHT EURO	88	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-	1	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0.32	-100.0%	0	0.24	-65.4%
PETRO OUTRIGHT EURO	CPB	21	3.19	553.7%	4.55	358.9%	11	15.76	-27.1%
PETRO OUTRIGHT EURO	EFF	0	0.24	-100.0%	0	-	0	1.34	-91.0%
PETRO OUTRIGHT EURO	EFM	0	0	-	0	-	0	0.27	-100.0%
PETRO OUTRIGHT EURO	ENS	0	2.14	-100.0%	0	-	0	0.67	-100.0%
PETRO OUTRIGHT EURO	EWN	0	17.76	-97.3%	5.23	-90.9%	2	35	-93.9%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-	0	0.07	-100.0%
PETRO OUTRIGHT EURO	GNO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	H5G	0	0	-	0	-	3	0	-
PETRO OUTRIGHT EURO	M1B	2	0	-	6.05	-71.6%	21	0	-
PETRO OUTRIGHT EURO	M35	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	MBN	18	20	-7.9%	22.5	-18.1%	17	15.56	6.9%
PETRO OUTRIGHT EURO	MEF	7	21.57	-69.1%	9.55	-30.2%	4	17.35	-74.9%
PETRO OUTRIGHT EURO	R53	0	0	-	0.82	-100.0%	2	0.15	1193.0%
PETRO OUTRIGHT EURO	R5B	0	0	-	0.45	-100.0%	0	0	-
PETRO OUTRIGHT EURO	R5M	21	0.19	11123.6%	19.73	8.4%	22	0.05	44809.2%
PETRO OUTRIGHT EURO	R5O	30	4.05	629.4%	27.91	5.8%	25	1.4	1717.0%
PETRO OUTRIGHT EURO	RBM	1	0	-	0.5	71.4%	0	0	-
PETRO OUTRIGHT EURO	S5F	9	0	-	4.09	121.2%	5	0	-
PETRO OUTRIGHT EURO	S5M	76	0	-	92.82	-17.6%	73	0.63	11439.0%
PETRO OUTRIGHT EURO	S5O	40	0	-	26.14	53.6%	25	0	-
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-	0	1.52	-100.0%
PETRO OUTRIGHT EURO	T0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	T2B	0	0	-	0	-	0	0.18	-100.0%

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Commodity		ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Energy Futures									
PETRO OUTRIGHT EURO	TMB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	0	-	4	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	AB6	2	0	-	0	-	1	0	-
PETRO OUTRIGHT NA	BCR	8	0	-	0	-	2	0	-
PETRO OUTRIGHT NA	DBB	0	0	-	3.41	-100.0%	1	0	-
PETRO OUTRIGHT NA	FCB	0	6.29	-100.0%	0	-	0	1.61	-100.0%
PETRO OUTRIGHT NA	H5B	11	0	-	55.86	-80.8%	19	0	-
PETRO OUTRIGHT NA	JE	11	0	-	21.82	-47.6%	9	0	-
PETRO OUTRIGHT NA	JET	17	100	-83.3%	30.68	-45.7%	35	104.57	-66.6%
PETRO OUTRIGHT NA	JTB	5	26.19	-81.8%	1.14	319.0%	19	32.62	-40.4%
PETRO OUTRIGHT NA	MBL	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	MEN	5	8.81	-41.6%	4.09	25.7%	5	10.45	-54.7%
PETRO OUTRIGHT NA	MEO	69	127.71	-45.7%	73.73	-5.9%	67	137.24	-51.5%
PETRO OUTRIGHT NA	MFD	0	0	-	1.18	-100.0%	0	0	-
PETRO OUTRIGHT NA	MMF	0	6.38	-100.0%	0	-	1	4.39	-80.8%
PJM AD HUB 5MW REAL TIME	V3	0	0	-	0	-	0	855.12	-100.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	-	0	-	0	15.55	-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	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	B6	0	0	-	0	-	0	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	-
PJM WESTH DA OFF-PEAK	E4	0	0	-	0	-	0	0	-
PJM WESTHDA PEAK	J4	0	0	-	0	-	0	0	-

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Commodity		ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Energy Futures									
PJM WESTH RT OFF-PEAK	N9	0	0	-	0	-	0	285.37	-100.0%
PJM WESTH RT PEAK	L1	0	204.57	-100.0%	0	-	107	243.65	-56.0%
PLASTICS	PGP	43	21.9	97.4%	69.45	-37.7%	47	41.04	15.2%
PREMIUM UNLD 10P FOB MED	3G	0	5.62	-100.0%	3.82	-100.0%	2	8.05	-76.3%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	-	0	-	0	0.22	-100.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.24	-100.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	-	0	-	0	0.37	-100.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	84	53.52	56.6%	72.18	16.1%	101	99.68	1.5%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	1,089	857.19	27.1%	803	35.7%	1,119	884.38	26.6%
RBOB CALENDAR SWAP	RL	367	428.29	-14.3%	247.82	48.1%	284	298.95	-5.0%
RBOB CRACK SPREAD	RM	46	95.95	-51.6%	106.36	-56.3%	81	55.43	46.0%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0	-
RBOB GASOLINE BALMO CLNDR	1D	59	76.1	-22.3%	32.27	83.1%	30	52.45	-42.1%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	42	0	-	54.55	-22.3%	29	0.91	3048.4%
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	1.24	-100.0%	0	-	0	0.77	-35.7%
SINGAPORE 380CST BALMO	BT	0	3.95	-97.6%	0	-	0	2.41	-80.5%
SINGAPORE 380CST FUEL OIL	SE	11	122.95	-90.7%	18.59	-38.3%	18	150.5	-88.3%
SINGAPORE FUEL 180CST CAL	UA	0	23.14	-97.9%	0.23	109.5%	2	16.11	-90.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0.71	-100.0%	0	-	1	2.99	-67.7%
SINGAPORE GASOIL	MAF	15	75.05	-79.9%	15.86	-5.1%	12	87.09	-85.7%
SINGAPORE GASOIL	MTB	1	2.19	-56.5%	0	-	1	2.33	-67.9%
SINGAPORE GASOIL	MTS	16	153.52	-89.9%	26.77	-41.8%	29	176.84	-83.7%
SINGAPORE GASOIL	SBM	1	0	-	0.91	15.2%	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	34	0.9	3663.0%	41.64	-18.2%	48	8.4	474.7%
SINGAPORE GASOIL SWAP	SG	89	65.9	35.0%	37.82	135.2%	70	60.01	16.0%
SINGAPORE GASOIL VS ICE	GA	6	0	-	5.32	20.9%	3	52.93	-94.3%
SINGAPORE JET KERO BALMO	BX	0	0	-	4.18	-100.0%	4	0	-
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	0	1.22	-100.0%
SINGAPORE JET KEROSENE SW	KS	9	44.76	-79.8%	70.68	-87.2%	55	31.52	73.8%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	21.43	-100.0%	0	-	0	16.77	-98.2%

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Energy Futures

SINGAPORE MOGAS 92 UNLEADED SWP	1N	65	662.95	-90.2%	294.77	-77.9%	214	809.76	-73.5%
SING FUEL	MSD	0	0	-	0	-	0	0	-
Sumas Basis Swap	NK	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	11.9	-100.0%	0	-	0	11.95	-100.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	13.33	-100.0%	1.14	-100.0%	2	18.54	-90.9%
TCO BASIS SWAP	TC	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	TL	35	143.57	-75.7%	334.5	-89.6%	175	182.76	-4.4%
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	0.24	-100.0%
UK NBP NAT GAS CAL MTH FUT	UKG	9	16.9	-49.6%	22.32	-61.8%	21	38.16	-45.1%
ULSD UP-DOWN BALMO SWP	1L	213	161.9	31.8%	316.36	-32.6%	374	286.22	30.7%
UP DOWN GC ULSD VS NMX HO	LT	2,987	967.14	208.9%	3,080.27	-3.0%	2,683	1,262.18	112.5%
WAHA BASIS	NW	0	3.57	-100.0%	0	-	0	6.1	-100.0%
WTI-BRENT BULLET SWAP	BY	0	12.57	-100.0%	0	-	0	10.54	-100.0%
WTI-BRENT CALENDAR SWAP	BK	1,823	2,920.86	-37.6%	3,084.05	-40.9%	2,538	1,709.85	48.4%
WTI CALENDAR	CS	6,952	3,280.95	111.9%	4,121.27	68.7%	3,879	2,341.24	65.7%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	4	0	-
WTS (ARGUS) VS WTI SWAP	FF	427	87.86	386.4%	329.32	29.8%	409	159.18	157.1%
WTS (ARGUS) VS WTI TRD MT	FH	140	46	203.3%	70.91	96.8%	95	48.51	96.4%

Energy Options

BRENT CALENDAR SWAP	BA	0	11.43	-100.0%	0	-	0	2.93	-100.0%
BRENT CRUDE OIL 1 M CSO	9C	1	428.57	-99.7%	163.64	-99.3%	263	367.07	-28.4%
BRENT OIL LAST DAY	BE	3,617	2,759.81	31.1%	1,765.91	104.8%	1,783	2,131.7	-16.3%
BRENT OIL LAST DAY	BZO	2,203	4,556.29	-51.6%	3,576.32	-38.4%	3,417	4,529.9	-24.6%
BRENT OIL LAST DAY	OS	0	0	-	0	-	0	0	-
COAL API2 INDEX	CLA	0	1.67	-100.0%	0	-	0	1.04	-100.0%
COAL API2 INDEX	CQA	0	0	-	0	-	0	6.22	-100.0%
CRUDE OIL	6Y	0	0	-	0	-	0	1.83	-100.0%
CRUDE OIL 1MO	WA	11,803	15,150.33	-22.1%	14,670.14	-19.5%	12,657	12,273.91	3.1%
CRUDE OIL APO	AO	2,481	3,865.71	-35.8%	6,919.95	-64.1%	3,632	2,848.78	27.5%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	2.44	-100.0%

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Energy Options									
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-	0	11.71	-100.0%
CRUDE OIL PHY	CD	0	28.57	-100.0%	11.36	-100.0%	9	10.37	-12.8%
CRUDE OIL PHY	LC	1,581	827.57	91.0%	369.09	328.3%	741	492.26	50.5%
CRUDE OIL PHY	LO	156,587	132,905.19	17.8%	204,833.68	-23.6%	172,093	114,423.94	50.4%
CRUDE OIL PHY	LO1	828	1,112.29	-25.5%	2,448.09	-66.2%	1,615	847.11	90.7%
CRUDE OIL PHY	LO2	933	1,298.57	-28.1%	1,101.95	-15.3%	896	874.23	2.5%
CRUDE OIL PHY	LO3	465	501.86	-7.4%	817.64	-43.2%	998	330.15	202.3%
CRUDE OIL PHY	LO4	1,043	1,262.24	-17.4%	582.86	78.9%	1,510	749.82	101.4%
CRUDE OIL PHY	LO5	0	0	-	0	-	460	238.73	92.5%
ETHANOL SWAP	CVR	78	521.76	-85.0%	190	-58.8%	146	380.6	-61.6%
ETHANOL SWAP	GVR	0	0	-	0	-	6	9.51	-39.2%
FREIGHT MARKETS	TDT	0	0	-	0	-	0	0	-
HEATING OIL PHY	LB	0	16.33	-100.0%	37.95	-100.0%	33	8.24	295.9%
HEATING OIL PHY	OH	581	951.52	-38.9%	822.82	-29.3%	981	1,213.66	-19.2%
HENRY HUB FINANCIAL LAST	E7	446	568.14	-21.5%	161.55	176.1%	328	365.49	-10.4%
HO 1 MONTH CLNDR OPTIONS	FA	0	54.76	-100.0%	0	-	1	26.22	-95.4%
LLS CRUDE OIL	WJO	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	MTO	26	0	-	0	-	24	1.59	1393.3%
MCCLOSKEY RCH BAY COAL	MFO	2	2.38	0.0%	0	-	2	3.29	-26.8%
NATURAL GAS 1 M CSO FIN	G4	2,624	571.43	359.2%	1,413.64	85.6%	4,390	2,128.05	106.3%
NATURAL GAS 2 M CSO FIN	G2	0	59.52	-100.0%	22.73	-100.0%	45	21.34	111.7%
NATURAL GAS 3 M CSO FIN	G3	1,597	1,214.29	31.5%	1,877.27	-14.9%	1,746	373.17	367.8%
NATURAL GAS 5 M CSO FIN	G5	190	0	-	136.36	39.7%	126	0	-
NATURAL GAS 6 M CSO FIN	G6	0	538.1	-100.0%	2,059.09	-100.0%	1,595	346.04	361.0%
NATURAL GAS OPT	TFO	0	0	-	136.36	-100.0%	36	0	-
NATURAL GAS OPTION ON CALENDAR STR	6J	182	19.05	855.0%	136.36	33.4%	174	93.9	85.5%
NATURAL GAS PHY	KD	273	116.05	135.0%	210.86	29.4%	229	100.09	128.8%
NATURAL GAS PHY	LN	132,710	58,561.52	126.6%	136,270	-2.6%	123,382	69,256.62	78.2%
NATURAL GAS PHY	ON	6,099	5,791.95	5.3%	6,806.32	-10.4%	7,779	6,357.79	22.3%
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-	7	0	-
N ROCKIES PIPE SWAP	ZR	0	48.86	-100.0%	0	-	0	12.51	-100.0%
NY HARBOR HEAT OIL SWP	AT	50	18.86	163.1%	110.77	-55.2%	153	59.44	157.3%
PETROCHEMICALS	4H	3	17.95	-83.6%	3.55	-16.7%	2	22.49	-89.0%
PETROCHEMICALS	4J	0	0	-	0	-	0	0	-
PETROCHEMICALS	4K	0	7.62	-100.0%	0	-	0	1.95	-100.0%

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Energy Options									
PETROCHEMICALS	CPR	0	0	-	5.73	-100.0%	2	0	-
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0.29	-75.3%
PETRO OUTRIGHT NA	DAP	10	0	-	12.27	-22.4%	12	0	-
PJM WES HUB PEAK CAL MTH	6OA	0	1.9	-100.0%	12.73	-100.0%	7	1.95	282.8%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	10.2	-100.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-	0	1.83	-100.0%
RBOB CALENDAR SWAP	RA	0	0	-	0	-	2	2.89	-37.5%
RBOB CRACK	RX	0	0	-	0	-	0	0	-
RBOB PHY	OB	571	1,585.1	-64.0%	582.27	-2.0%	527	817.73	-35.6%
RBOB PHY	RF	12	0	-	13.18	-9.7%	7	6.29	4.0%
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-	0	0	-
SHORT TERM	U11	0	0	-	0	-	1	3.05	-60.5%
SHORT TERM	U12	0	0	-	4.55	-100.0%	2	8.54	-71.8%
SHORT TERM	U13	0	0	-	4.55	-100.0%	6	0	-
SHORT TERM	U14	5	0	-	0	-	2	0.61	295.1%
SHORT TERM	U15	5	1.19	300.0%	0	-	4	10.06	-64.1%
SHORT TERM	U22	0	0.05	-100.0%	0	-	0	0.01	-100.0%
SHORT TERM	U23	0	0	-	0	-	0	0	-
SHORT TERM	U24	0	0	-	0	-	1	0	-
SHORT TERM	U26	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U01	19	0	-	4.55	319.0%	6	6.4	-5.9%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U03	14	0	-	6.82	109.5%	5	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	2.27	-100.0%	2	7.32	-75.3%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	4	2.44	72.9%
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	0	0.61	-100.0%
SHORT TERM NATURAL GAS	U07	0	0	-	0	-	5	7.32	-34.1%
SHORT TERM NATURAL GAS	U08	14	0	-	0	-	4	6.1	-40.7%
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	0	1.22	-100.0%
SHORT TERM NATURAL GAS	U10	0	0	-	4.55	-100.0%	1	0	-
SHORT TERM NATURAL GAS	U16	5	0	-	0	-	1	1.22	-1.2%
SHORT TERM NATURAL GAS	U17	0	0	-	4.55	-100.0%	1	0	-
SHORT TERM NATURAL GAS	U18	0	1.19	-100.0%	0	-	1	0.3	295.1%
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	2	0	-
SHORT TERM NATURAL GAS	U20	0	0	-	4.55	-100.0%	4	0	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-	1	0.61	97.6%

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Energy Options									
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	3	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	4	5.18	-18.6%
SHORT TERM NATURAL GAS	U29	29	0	-	0	-	11	0	-
SHORT TERM NATURAL GAS	U30	5	0	-	0	-	12	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	2	10.37	-82.6%
WTI-BRENT BULLET SWAP	BV	3,569	2,203.57	62.0%	4,623.86	-22.8%	4,532	2,826.59	60.3%
WTI CRUDE OIL 1 M CSO FI	7A	6,842	5,283.33	29.5%	2,715.91	151.9%	4,919	3,186.59	54.4%
Ag Products Futures									
COCOA TAS	CJ	0	0	-	0	-	0	0	-
COFFEE	KT	0	0	-	0	-	0	0	-
COTTON	TT	0	0	-	0.27	-65.1%	0	0.04	393.7%
SUGAR 11	YO	0	0	-	0	-	0	0	-
TOTAL FUTURES GROUP									
Ag Products Futures		0	0	-	0.27	-65.1%	0	0.04	393.7%
Energy Futures		3,093,872	2,242,291.95	38.0%	3,229,338.14	-4.2%	2,927,841	2,142,258.4	36.7%
Metals Futures		446,174	476,606.24	-6.4%	808,222.77	-44.8%	693,347	493,575.27	40.5%
TOTAL FUTURES		3,540,046	2,718,898.19	30.2%	4,037,561.18	-12.3%	3,621,188.16	2,635,833.71	37.4%
TOTAL OPTIONS GROUP									
Energy Options		337,501	242,866.52	39.0%	395,658.59	-14.7%	351,352	227,851.82	54.2%
Metals Options		59,171	51,655.43	14.6%	111,885.5	-47.1%	98,823	59,149.71	67.1%
TOTAL OPTIONS		396,673	294,521.95	34.7%	507,544.09	-21.8%	450,175.12	287,001.53	56.9%

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Commodity	ADV APR 2020	ADV APR 2019	% CHG	ADV MAR 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
TOTAL COMBINED								
Metals	505,346	528,261.67	-4.3%	920,108.27	-45.1%	792,169	552,724.98	43.3%
Energy	3,431,373	2,485,158.48	38.1%	3,624,996.73	-5.3%	3,279,194	2,370,110.22	38.4%
Ag Products	0	0	-	0.27	-65.1%	0	0.04	393.7%
GRAND TOTAL	3,936,719	3,013,420.14	30.6%	4,545,105.27	-13.4%	4,071,363.28	2,922,835.23	39.3%