

## NYMEX/COMEX Exchange ADV Report - Monthly

May 2022

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Commodity		ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	235,073	315,541.7	-25.5%	168,779.45	39.3%	239,270	263,741.56	-9.3%
NYMEX HOT ROLLED STEEL	HR	794	1,048.8	-24.3%	1,006.1	-21.1%	1,189	1,074.12	10.7%
NYMEX PLATINUM	PL	15,957	15,031.85	6.2%	16,267.6	-1.9%	19,564	17,169.9	13.9%
PALLADIUM	PA	2,525	3,260.2	-22.5%	1,396.65	80.8%	2,522	2,465.23	2.3%
URANIUM	UX	0	23	-100.0%	0.3	-100.0%	0	8.43	-97.2%
COMEX SILVER	SI	57,334	75,787.15	-24.3%	74,444.15	-23.0%	68,198	92,972.77	-26.6%
COMEX E-Mini GOLD	QO	1,640	1,018.15	61.1%	1,235.95	32.7%	1,565	1,159.27	35.0%
COMEX E-Mini SILVER	QI	177	266.5	-33.7%	202.4	-12.7%	202	385.39	-47.5%
COMEX COPPER	HG	64,536	109,629.3	-41.1%	86,594.3	-25.5%	81,540	115,041.45	-29.1%
COMEX MINY COPPER	QC	144	245	-41.4%	210.95	-32.0%	176	189.94	-7.2%
ALUMINUM	A38	0	0	-	0	-	0	1.59	-100.0%
ALUMINUM	AEP	33	37.3	-10.4%	15	122.9%	85	128.64	-33.7%
ALUMINUM	ALA	1	31.5	-95.5%	0	-	16	29.51	-46.0%
ALUMINUM	ALI	1,647	691.5	138.2%	917.45	79.5%	838	349.5	139.7%
ALUMINUM	AUP	220	245.4	-10.5%	260.45	-15.7%	251	308.94	-18.7%
ALUMINUM	EDP	111	67.4	64.9%	116.9	-4.9%	176	100.54	74.8%
ALUMINUM	MJP	42	15	179.4%	0	-	22	2.94	655.9%
COBALT METAL FUTURES	COB	35	12	194.0%	29.45	19.8%	25	10.51	138.2%
COPPER	HGS	63	132.9	-52.2%	117.65	-46.0%	103	143.33	-28.3%
COPPER	MHG	2,044	0	-	0	-	417	0	-
FERROUS PRODUCTS	BUS	120	63.5	89.7%	74.75	61.2%	129	84.8	52.2%
GOLD	4GC	0	0	-	0	-	0	1.14	-100.0%
GOLD	SGC	9	17.1	-44.6%	44.45	-78.7%	47	47.58	-0.5%
GOLD	SGU	28	140.4	-80.1%	446.3	-93.7%	443	140.22	215.9%
HOT ROLLED COIL STEEL FUTURES	EHR	156	21.1	638.9%	83.2	87.4%	110	44.29	147.8%
IRON ORE CHINA	TIO	41	47.55	-13.0%	67.25	-38.5%	59	48.89	21.7%
METALS	HDG	7	0	-	7.5	-8.6%	3	0.42	708.3%
METALS	LTH	0	0.25	-100.0%	0	-	0	0.05	-100.0%
METALS	PAC	0	0	-	0	-	10	0	-
MICRO GOLD	MGC	47,068	59,284.55	-20.6%	50,477.6	-6.8%	57,906	63,981.81	-9.5%
SILVER	SIL	7,861	10,062.6	-21.9%	7,770.15	1.2%	8,581	12,160.96	-29.4%
<b>Metals Options</b>									
ALUMINUM	ALO	0	0	-	0	-	0	11.76	-100.0%

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		MAY 2022	MAY 2021		APR 2022		Y.T.D 2022	Y.T.D 2021	
<b>Metals Options</b>									
COMEX COPPER	HX	4,163	4,898.7	-15.0%	3,661.9	13.7%	3,521	3,255.15	8.2%
COMEX GOLD	OG	40,851	33,860.9	20.6%	37,935.05	7.7%	45,382	37,880.18	19.8%
COMEX SILVER	SO	6,136	7,806.95	-21.4%	4,783.05	28.3%	5,574	8,798.9	-36.7%
COPPER	H1E	3	0.05	5519.0%	2.85	-1.4%	5	0.18	2540.3%
COPPER	H1M	0	0	-	0	-	0	0	-
COPPER	H1W	3	0	-	0	-	1	0	-
COPPER	H2E	6	0.05	12281.0%	13	-52.4%	9	0.26	3215.7%
COPPER	H2M	2	0	-	0	-	0	0	-
COPPER	H2W	3	0	-	0	-	1	0	-
COPPER	H3E	6	0.15	3868.3%	1.3	357.9%	4	0.18	2210.3%
COPPER	H3M	1	0	-	0	-	0	0	-
COPPER	H3W	1	0	-	0	-	0	0	-
COPPER	H4E	6	0.9	577.3%	3.75	62.5%	3	0.25	1135.9%
COPPER	H4M	1	0	-	0	-	0	0	-
COPPER	H5E	0	0	-	1.6	-100.0%	0	0.02	1484.7%
GOLD	G1M	71	0	-	0	-	15	0	-
GOLD	G1W	175	0	-	0	-	36	0	-
GOLD	G2M	70	0	-	0	-	14	0	-
GOLD	G2W	89	0	-	0	-	18	0	-
GOLD	G3M	71	0	-	0	-	15	0	-
GOLD	G3W	101	0	-	0	-	21	0	-
GOLD	G4M	81	0	-	0	-	17	0	-
GOLD	G4W	12	0	-	0	-	2	0	-
GOLD	OG1	2,586	2,508.85	3.1%	1,530	69.0%	2,577	2,105.73	22.4%
GOLD	OG2	2,325	2,431.5	-4.4%	1,792.2	29.7%	2,546	2,130.08	19.5%
GOLD	OG3	1,902	2,296	-17.1%	2,463.05	-22.8%	2,485	1,993.16	24.7%
GOLD	OG4	1,452	1,589.55	-8.7%	2,169.1	-33.1%	2,240	1,336.83	67.6%
GOLD	OG5	0	0	-	1,954.25	-100.0%	379	598.01	-36.5%
IRON ORE CHINA	ICT	0	21.2	-100.0%	0	-	0	6.9	-100.0%
NYMEX HOT ROLLED STEEL	HRO	44	1.25	3427.6%	33.75	30.7%	77	12.5	512.5%
NYMEX PLATINUM	PO	147	107.85	36.2%	336.5	-56.3%	310	165.47	87.4%
PALLADIUM	PAO	0	29.55	-98.9%	2.1	-84.1%	1	34.16	-97.2%
SILVER	M1S	3	0	-	0	-	1	0	-
SILVER	M2S	8	0	-	0	-	2	0	-
SILVER	M3S	14	0	-	0	-	3	0	-

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<b>Metals Options</b>									
SILVER	M4S	4	0	-	0	-	1	0	-
SILVER	SO1	202	170.3	18.7%	66.9	202.1%	245	117.35	108.7%
SILVER	SO2	214	112.5	90.1%	159.9	33.8%	291	117.57	147.2%
SILVER	SO3	150	101.2	48.0%	151.15	-0.9%	203	110.98	83.0%
SILVER	SO4	110	93.95	16.7%	135.65	-19.2%	168	58.74	185.9%
SILVER	SO5	0	0	-	114.45	-100.0%	22	27.77	-20.0%
SILVER	W1S	19	0	-	0	-	4	0	-
SILVER	W2S	9	0	-	0	-	2	0	-
SILVER	W3S	8	0	-	0	-	2	0	-
SILVER	W4S	5	0	-	0	-	1	0	-
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	660,714	954,182.8	-30.8%	703,591.9	-6.1%	925,135	1,029,055.8	-10.1%
CRUDE OIL	WS	0	0	-	0	-	0	31.69	-100.0%
MINY WTI CRUDE OIL	QM	24,457	19,937.85	22.7%	26,867	-9.0%	31,409	19,536.8	60.8%
BRENT OIL LAST DAY	BZ	57,644	80,906.85	-28.8%	51,311.5	12.3%	79,107	104,849.7	-24.6%
HEATING OIL PHY	HO	140,638	141,412.9	-0.5%	123,608.75	13.8%	171,536	153,791.82	11.5%
HTG OIL	BH	0	0	-	1.8	-100.0%	0	0.59	-40.6%
MINY HTG OIL	QH	0	0.25	-4.8%	0.6	-60.3%	0	0.32	14.0%
RBOB PHY	RB	190,381	197,551.9	-3.6%	157,806.85	20.6%	189,809	197,444.91	-3.9%
MINY RBOB GAS	QU	0	0.4	-4.8%	0.6	-36.5%	0	0.43	3.5%
NATURAL GAS	HP	8,035	4,820.5	66.7%	11,153.1	-28.0%	9,209	5,464.7	68.5%
LTD NAT GAS	HH	17,293	14,370.1	20.3%	21,313.7	-18.9%	17,646	13,469.39	31.0%
MINY NATURAL GAS	QG	20,598	3,175.65	548.6%	24,159.6	-14.7%	14,923	5,311.14	181.0%
NATURAL GAS PHY	NG	316,611	300,924.95	5.2%	446,549.85	-29.1%	382,012	377,076.52	1.3%
RBOB GAS	RT	0	0	-	1.2	-100.0%	0	0.59	-60.4%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	239	495	-51.8%	531.5	-55.1%	215	404.9	-46.9%
ARGUS PROPAN FAR EST INDE	7E	283	267.9	5.5%	250.1	13.1%	271	282.18	-3.9%
ARGUS PROPAN(SAUDI ARAMCO	9N	103	66.1	56.0%	101.75	1.3%	109	95.84	13.5%
BRENT BALMO SWAP	J9	0	7.5	-100.0%	0	-	14	7.35	96.3%
BRENT CALENDAR SWAP	CY	218	466	-53.2%	512.7	-57.5%	751	386.98	94.2%

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		MAY 2022	MAY 2021		APR 2022		Y.T.D 2022	Y.T.D 2021		
<b>Energy Futures</b>										
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-	0	39.22	-100.0%	
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	0	-	
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	0	0.67	-100.0%	
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-	
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-	
CAR VINTAGE	GEO	68	1.85	3598.8%	56.95	20.2%	111	2.26	4782.0%	
CAR VINTAGE	NGO	318	0	-	276.8	15.1%	497	0	-	
CHICAGO ETHANOL SWAP	CU	2,521	3,993.35	-36.9%	2,749.05	-8.3%	2,815	3,850.14	-26.9%	
CHICAGO ULSD PL VS HO SPR	5C	36	18.5	94.3%	39.5	-9.0%	36	27.03	32.5%	
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	4.17	-100.0%	
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	32	0	-	24.05	33.7%	15	6.34	143.5%	
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	11	10.25	6.9%	29.75	-63.2%	14	6.88	101.3%	
CONWAY PROPANE 5 DECIMALS SWAP	8K	902	801.25	12.5%	912.15	-1.2%	738	615.19	20.0%	
CRUDE OIL	LPS	0	0	-	0	-	0	0	-	
CRUDE OIL LAST DAY	26	24	18.95	25.6%	11.45	107.9%	18	20.03	-10.1%	
CRUDE OIL OUTRIGHTS	42	55	6.95	688.6%	35.45	54.6%	59	15.68	275.3%	
CRUDE OIL OUTRIGHTS	CC5	5	54.75	-90.9%	12	-58.3%	15	80.24	-81.1%	
CRUDE OIL OUTRIGHTS	CSW	9	79.5	-89.2%	0	-	10	84.11	-87.5%	
CRUDE OIL OUTRIGHTS	GSW	0	10.7	-100.0%	0	-	0	23.57	-100.0%	
CRUDE OIL OUTRIGHTS	HTT	3,370	2,296	46.8%	4,044.75	-16.7%	3,382	2,915.63	16.0%	
CRUDE OIL OUTRIGHTS	LSW	29	28.5	0.3%	19	50.4%	35	55.74	-36.4%	
CRUDE OIL OUTRIGHTS	WCW	193	148.5	29.9%	93.25	106.8%	155	244.38	-36.5%	
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-	
CRUDE OIL PHY	HCL	0	145.75	-100.0%	0	-	0	181.15	-100.0%	
CRUDE OIL PHY	MCL	108,248	0	-	122,506.6	-11.6%	128,529	0	-	
CRUDE OIL SPRDS	ANT	42	0	-	50.25	-16.6%	18	8.01	128.5%	
CRUDE OIL SPRDS	HIL	0	0	-	30	-100.0%	32	47.06	-32.8%	
CRUDE OIL SPRDS	WTT	2,780	1,417	96.2%	2,177.1	27.7%	2,451	1,434.82	70.8%	
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	PWO	0	0	-	0	-	0	0	-	

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<b>Energy Futures</b>										
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 TO FRONTLINE BRENT	FY	0	27.75	-100.0%	0	-	22	11.91	80.9%	
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0.25	-100.0%	0	0.29	-83.5%	
DOMINION TRANSMISSION INC	PG	0	0	-	0	-	0	0	-	
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	0	-	19	0	-	
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	25	3,620.4	-99.3%	56.2	-56.0%	138	2,876.22	-95.2%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0	-	
EIA FLAT TAX ONHWAY DIESE	A5	0	20.5	-100.0%	3.9	-100.0%	4	29.2	-84.8%	
ELEC FINSETTLED	47	0	0	-	0	-	0	0	-	
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	0	-	
EMMISSIONS	CGO	40	0	-	52.55	-23.7%	20	0	-	
ETHANOL	MTH	0	0	-	0	-	0	0.1	-0.9%	
ETHANOL SWAP	MT2	3	9.75	-73.1%	7.5	-65.1%	11	5.81	95.4%	
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	177	162.35	9.0%	90.7	95.0%	158	183.89	-14.1%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-	0	0	-	
EURO GASOIL 10PPM VS ICE	ET	1	0	-	6.5	-78.0%	11	7.87	41.2%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0.12	-100.0%	
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-	0	0	-	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	-	0	-	5	2.12	150.3%	
EUROPEAN GASOIL (ICE)	7F	97	4.9	1880.6%	83.95	15.6%	92	42.76	114.8%	
EUROPEAN NAPHTHA BALMO	KZ	1	0	-	1.75	-45.6%	1	0.16	766.3%	
EUROPEAN NAPHTHA CRACK SPR	EN	128	17.35	638.3%	48.05	166.6%	142	31.24	355.7%	
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	6.96	-100.0%	
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0	-	
EUROPE NAPHTHA CALSWAP	UN	30	15.6	89.9%	16.2	82.8%	39	22.23	74.4%	
EURO PROPANE CIF ARA SWA	PS	71	43.3	63.4%	65.5	8.0%	88	72.08	22.1%	
FREIGHT MARKETS	BF2	0	0.75	-100.0%	0	-	0	1.17	-100.0%	
FREIGHT MARKETS	BL2	0	0	-	0	-	0	0	-	
FREIGHT MARKETS	CS4	11	0	-	0	-	3	0	-	
FREIGHT MARKETS	FLJ	0	0.7	-100.0%	0	-	0	0.28	-100.0%	
FREIGHT MARKETS	FLP	0	0	-	1.65	-100.0%	2	4.76	-63.7%	

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<b>Energy Futures</b>									
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0.69	-100.0%
FREIGHT MARKETS	T2D	0	0	-	0	-	7	1.52	352.3%
FREIGHT MARKETS	T8C	0	0.5	-100.0%	0	-	0	0.1	-100.0%
FREIGHT MARKETS	TC6	0	0	-	0	-	0	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	USE	0	0	-	0	-	0	0.88	-100.0%
FUEL OIL CRACK VS ICE	FO	4	0	-	8.25	-56.7%	11	12.63	-11.1%
FUEL OIL NWE CRACK VS ICE	FI	0	3.6	-100.0%	0	-	1	0.71	-9.2%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	7H	9	6.1	42.1%	10.6	-18.2%	12	23.25	-48.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	128	129.9	-1.3%	74.1	73.1%	173	220.29	-21.5%
GASOIL 0.1CIF MED VS ICE	Z5	0	3	-100.0%	0	-	0	0.59	-25.7%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.29	-67.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0.25	-100.0%	0	0.49	-1.0%
GASOIL CALENDAR SWAP	GX	0	2.1	-100.0%	0.25	-100.0%	9	6.38	40.9%
GASOIL CRACK SPREAD CALEN	GZ	19	31.35	-39.2%	54.9	-65.3%	102	42.76	138.7%
GASOIL MINI CALENDAR SWAP	QA	10	22.6	-55.3%	8.25	22.4%	20	20.59	-5.1%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0	-	0	0.47	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	137	253.25	-46.0%	358.75	-61.9%	297	245.15	21.2%
GRP THREE UNL GS (PLT) VS	A8	152	119.75	26.9%	245.5	-38.1%	208	135.93	53.1%
GULF COAST 3% FUEL OIL BA	VZ	4	0	-	0	-	7	0	-
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	ME	354	794.45	-55.4%	295.95	19.6%	647	1,071.13	-39.6%
GULF COAST NO.6 FUEL OIL	MF	158	62.75	151.9%	244.65	-35.4%	170	121.73	39.5%
GULF COAST NO.6 FUEL OIL	MG	163	67.5	142.0%	219.25	-25.5%	330	13.24	2391.1%
GULF COAST ULSD CALENDAR	LY	0	21.1	-100.0%	3.5	-100.0%	4	27.99	-87.2%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	1G	62	27.15	127.3%	0.75	8128.6%	27	17.1	59.3%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	24.02	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB SWAP	NN	966	1,596.45	-39.5%	1,080.6	-10.6%	1,377	1,293.12	6.5%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	2	25.35	-91.0%	6.75	-66.1%	21	38.37	-46.0%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-	0	0.45	-100.0%
INDIANA MISO	FTD	0	0	-	0	-	0	0	-

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		MAY 2022	MAY 2021		APR 2022		Y.T.D 2022	Y.T.D 2021		
<b>Energy Futures</b>										
INDIANA MISO	PTD	0	0	-	0	-	0	0	-	
INDONESIAN COAL ICI4	ICI	0	7.5	-100.0%	0	-	0	10.2	-100.0%	
JAPAN C&F NAPHTHA CRACK S	JB	4	0	-	0	-	1	0	-	
JAPAN C&F NAPHTHA SWAP	JA	7	3.55	107.9%	4.85	52.2%	7	3.37	95.5%	
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0	-	
JET CIF NWE VS ICE	JC	13	10.8	19.5%	1.7	659.1%	12	7.13	65.6%	
JET FUEL UP-DOWN BALMO CL	1M	110	66.25	65.3%	51.75	111.6%	129	48.16	168.1%	
JKM LNG Futures	JKM	24	21.3	14.9%	14.5	68.8%	20	20.52	-0.3%	
LA CARB DIESEL (OPIS) SWA	KL	2	17.75	-86.6%	14.1	-83.1%	21	10.29	104.0%	
LA CARBOB GASOLINE(OPIS)S	JL	0	6.25	-100.0%	0	-	0	2.21	-100.0%	
LA JET (OPIS) SWAP	JS	21	8	167.9%	28.75	-25.5%	30	13.19	126.4%	
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-	
LLS (ARGUS) VS WTI SWAP	WJ	0	0	-	0	-	1	9.51	-90.5%	
MARS (ARGUS) VS WTI SWAP	YX	0	0	-	0	-	14	12.75	11.2%	
MARS (ARGUS) VS WTI TRD M	YV	741	962.75	-23.0%	605	22.5%	750	951.45	-21.2%	
MCCLOSKEY ARA ARGS COAL	MTF	279	440.6	-36.7%	266.05	4.8%	349	673.16	-48.1%	
MCCLOSKEY RCH BAY COAL	MFF	10	27.15	-63.7%	23.3	-57.7%	22	42.63	-48.8%	
MGN1 SWAP FUT	MGN	0	0	-	0	-	0	0	-	
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	0	-	0.25	-100.0%	2	0.74	174.6%	
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	3.5	-100.0%	0	-	0	2.26	-100.0%	
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	9	28.4	-70.0%	38	-77.6%	21	32.51	-35.2%	
MJC FUT	MJC	0	0	-	0	-	0	0.2	-100.0%	
MNC FUT	MNC	80	22.75	251.0%	60.8	31.3%	82	20.48	302.6%	
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,859	1,011.85	83.7%	1,431.75	29.8%	1,641	1,170.07	40.2%	
MONT BELVIEU ETHANE OPIS BALMO	8C	59	18.25	222.2%	23.75	147.6%	45	19.26	135.8%	
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	7,541	7,764.3	-2.9%	7,776.95	-3.0%	8,581	8,622.1	-0.5%	
MONT BELVIEU LDH PROPANE OPIS BALM	8O	61	44.7	36.8%	206	-70.3%	176	171.32	3.0%	
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	1,597	628.05	154.3%	984.6	62.2%	1,095	648.58	68.9%	
MONT BELVIEU NATURAL GASOLINE BALM	R0	79	23.25	239.8%	86.15	-8.3%	59	26.04	125.1%	
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	2,705	2,388.65	13.2%	2,345.95	15.3%	2,497	2,233.08	11.8%	
MONT BELVIEU NORMAL BUTANE BALMO	8J	45	69.6	-35.3%	60.8	-26.0%	82	68.71	18.8%	
NATURAL GAS PEN SWP	NP	2,524	1,616.35	56.2%	2,082.25	21.2%	2,421	2,413.1	0.3%	
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	0	0	-	
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	0	0	-	
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-	

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	ADV	ADV	% CHG	ADV	ADV	% CHG	ADV	% CHG	Y.T.D 2022	Y.T.D 2021	% CHG	Y.T.D 2022	Y.T.D 2021	% CHG	
<b>Energy Futures</b>															
NEW YORK ETHANOL SWAP	EZ	63	2.5	2433.3%	26.35	140.4%	42	7.21	481.6%						
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-						
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-						
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-						
NY1% VS GC SPREAD SWAP	VR	0	0	-	0	-	0	0	-						
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0	-						
NY HARBOR HEAT OIL SWP	MP	40	21.2	89.8%	83.3	-51.7%	51	46.08	10.6%						
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	15.39	-100.0%						
NY HARBOR RESIDUAL FUEL 1	MM	18	7.5	138.1%	10	78.6%	9	9.06	4.5%						
NYH NO 2 CRACK SPREAD CAL	HK	70	79.7	-12.4%	196.2	-64.4%	120	94.47	27.5%						
NYISO CAPACITY	LHV	0	0	-	0	-	0	0	-						
NYISO ZONE G 5MW D AH O P	D2	0	0	-	0	-	0	0	-						
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	0	-						
NY ULSD (ARGUS) VS HEATING OIL	7Y	25	0	-	0	-	19	0.49	3774.0%						
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-						
PETROCHEMICALS	22	5	7.55	-32.5%	4.8	6.1%	7	7.45	-6.2%						
PETROCHEMICALS	32	1	2.75	-74.0%	2.75	-74.0%	2	3.43	-39.5%						
PETROCHEMICALS	3NA	1	1.25	-54.3%	0.2	185.7%	1	0.75	24.7%						
PETROCHEMICALS	51	0	0	-	0	-	0	0	-						
PETROCHEMICALS	81	0	4.35	-100.0%	0	-	4	0.85	314.4%						
PETROCHEMICALS	8I	18	28.7	-37.9%	41.95	-57.5%	51	60.01	-14.3%						
PETROCHEMICALS	91	23	14.7	57.8%	14.75	57.2%	19	18.12	2.1%						
PETROCHEMICALS	MAA	3	1.5	106.3%	5.5	-43.7%	4	1.27	216.1%						
PETROCHEMICALS	MAE	63	26.15	140.4%	53	18.6%	57	27.09	108.6%						
PETROCHEMICALS	MAS	19	8.75	112.2%	12.25	51.6%	19	8.26	134.9%						
PETROCHEMICALS	MBE	1	1.5	-4.8%	0	-	3	2.06	46.2%						
PETROCHEMICALS	MNB	0	6.5	-100.0%	0	-	0	5.71	-97.4%						
PETROCHEMICALS	MPS	4	30	-86.0%	11.2	-62.6%	10	17.82	-44.7%						
PETROCHEMICALS	PMF	0	0	-	0	-	0	0	-						
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	0	-						
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0	-						
PETRO CRCKS & SPRDS NA	CRB	772	792.75	-2.6%	521.95	47.9%	847	1,108.19	-23.6%						
PETRO CRCKS & SPRDS NA	EXR	10	19.5	-49.2%	13.15	-24.7%	20	37.62	-48.1%						
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-	0	0	-						
PETRO CRCKS & SPRDS NA	GBB	10	0	-	0	-	2	0.98	98.1%						

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		MAY 2022	MAY 2021		APR 2022		Y.T.D 2022	Y.T.D 2021		
<b>Energy Futures</b>										
PETRO CRCKS & SPRDS NA	GCI	7	0	-	0	-	1	3.63	-59.9%	
PETRO CRCKS & SPRDS NA	GCU	0	0	-	0	-	3	5.69	-53.0%	
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	13	0	-	
PETRO CRCKS & SPRDS NA	HOB	8	0	-	10.25	-25.7%	6	3.43	63.3%	
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0.19	-100.0%	
PETRO CRCKS & SPRDS NA	RBB	54	89	-39.3%	32.5	66.3%	53	77.79	-31.5%	
PETRO CRCKS & SPRDS NA	RVG	76	36	110.6%	11.75	545.2%	137	78.54	74.3%	
PETRO CRK&SPRD EURO	1NB	1	9.25	-84.6%	15	-90.5%	16	2.28	594.9%	
PETRO CRK&SPRD EURO	43	0	0	-	1.25	-100.0%	1	0.09	1232.0%	
PETRO CRK&SPRD EURO	BOB	0	0	-	0.75	-100.0%	6	3.11	79.6%	
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0.05	-100.0%	
PETRO CRK&SPRD EURO	EPN	9	17.7	-48.3%	13.1	-30.2%	17	23	-24.4%	
PETRO CRK&SPRD EURO	EVC	0	5.25	-100.0%	0	-	8	2.79	173.5%	
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0	-	
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-	0	0	-	
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-	0	0	-	
PETRO CRK&SPRD EURO	NOB	7	0	-	0	-	7	0.63	973.8%	
PETROLEUM PRODUCTS	1NM	2	1.25	90.5%	0	-	0	4.36	-88.9%	
PETROLEUM PRODUCTS	BEB	0	0	-	0	-	0	0.03	-100.0%	
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0.01	98.0%	
PETROLEUM PRODUCTS	CMS	3	5	-42.9%	0	-	7	2.06	216.0%	
PETROLEUM PRODUCTS	EWG	33	68.4	-52.2%	0	-	25	15.86	57.9%	
PETROLEUM PRODUCTS	H5F	2	0	-	1.25	90.5%	1	0	-	
PETROLEUM PRODUCTS	JCC	23	4.2	445.4%	103.55	-77.9%	61	5.69	981.1%	
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	0.14	-100.0%	
PETROLEUM PRODUCTS	R5E	0	0	-	0	-	0	0	-	
PETROLEUM PRODUCTS	R5F	2	1.35	34.0%	1.6	13.1%	2	1.63	22.9%	
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0	-	
PETROLEUM PRODUCTS	UCS	0	0	-	0	-	0	0	-	
PETROLEUM PRODUCTS	UP5	0	0	-	0	-	0	0	-	
PETROLEUM PRODUCTS	VU	14	0	-	25	-42.9%	11	3.05	265.5%	
PETROLEUM PRODUCTS ASIA	E6M	1	0	-	0	-	0	0	-	
PETROLEUM PRODUCTS ASIA	MJN	68	4.25	1501.1%	41.15	65.4%	56	5.93	843.0%	
PETRO OUTRIGHT EURO	0B	0	0	-	0	-	0	0	-	
PETRO OUTRIGHT EURO	0C	0	0	-	0	-	0	0	-	

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	MAY 2022	MAY 2021		APR 2022		Y.T.D 2022	Y.T.D 2021		
<b>Energy Futures</b>									
PETRO OUTFRIGHT EURO	0D	0	4.95	-91.3%	2.55	-83.2%	1	4.39	-70.4%
PETRO OUTFRIGHT EURO	0E	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	0F	0	0	-	0.45	-100.0%	0	0.09	-0.9%
PETRO OUTFRIGHT EURO	1T	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	7I	0	0	-	2.5	-100.0%	3	0	-
PETRO OUTFRIGHT EURO	7R	0	0	-	0	-	0	0.05	415.1%
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	CPB	6	1	542.9%	3.5	83.7%	10	26	-60.1%
PETRO OUTFRIGHT EURO	EFM	0	0	-	0	-	0	0.12	-100.0%
PETRO OUTFRIGHT EURO	ENS	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	EWN	11	0	-	0	-	6	3.11	105.6%
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	-	0	0.05	-100.0%
PETRO OUTFRIGHT EURO	H5G	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	JFB	0	0	-	0	-	0	0.1	-100.0%
PETRO OUTFRIGHT EURO	M1B	44	90	-51.0%	53.55	-17.6%	56	60.35	-7.6%
PETRO OUTFRIGHT EURO	MBB	0	3	-100.0%	0	-	0	2.06	-100.0%
PETRO OUTFRIGHT EURO	MBN	26	1.5	1607.9%	20.1	27.5%	34	21.92	53.9%
PETRO OUTFRIGHT EURO	MEF	0	9.25	-100.0%	0.05	-100.0%	0	14.26	-96.7%
PETRO OUTFRIGHT EURO	MQA	0	0	-	0	-	1	0	-
PETRO OUTFRIGHT EURO	R53	0	0	-	0	-	0	0.59	-100.0%
PETRO OUTFRIGHT EURO	R5B	0	0	-	0	-	0	0.45	-100.0%
PETRO OUTFRIGHT EURO	R5M	64	40.15	60.0%	75.9	-15.4%	95	30.43	213.6%
PETRO OUTFRIGHT EURO	R5O	21	33.65	-36.7%	40.8	-47.8%	62	39.15	58.7%
PETRO OUTFRIGHT EURO	RBM	0	0	-	0.5	-42.9%	1	0	-
PETRO OUTFRIGHT EURO	S5B	0	0.25	-100.0%	0	-	0	0.05	-1.0%
PETRO OUTFRIGHT EURO	S5F	5	4.65	3.4%	2.8	71.8%	6	5.65	13.0%
PETRO OUTFRIGHT EURO	S5M	73	61.5	19.4%	87.15	-15.7%	118	76.62	54.5%
PETRO OUTFRIGHT EURO	S5O	133	44.35	200.3%	133.2	0.0%	168	49.65	239.1%
PETRO OUTFRIGHT EURO	SMU	0	7.5	-100.0%	0	-	0	1.47	-100.0%
PETRO OUTFRIGHT EURO	TLB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	V0	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT NA	A8B	23	0	-	25.25	-8.5%	11	3.43	207.0%
PETRO OUTFRIGHT NA	AB6	21	30.75	-32.6%	5	314.3%	17	14.85	15.4%
PETRO OUTFRIGHT NA	BCR	83	103.75	-19.7%	27.75	200.3%	145	105.25	37.6%
PETRO OUTFRIGHT NA	FCB	0	0	-	0	-	0	0	-

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		MAY 2022	MAY 2021		APR 2022		Y.T.D 2022	Y.T.D 2021		
<b>Energy Futures</b>										
PETRO OUtright NA	JE	0	2	-100.0%	3	-100.0%	1	1.47	-60.4%	
PETRO OUtright NA	JET	6	23.75	-74.9%	13.75	-56.7%	28	10.05	183.6%	
PETRO OUtright NA	JTB	7	0	-	23.75	-68.9%	16	0	-	
PETRO OUtright NA	MBL	0	0	-	4.5	-100.0%	6	3.81	54.0%	
PETRO OUtright NA	MEN	1	0	-	3.25	-70.7%	4	2	97.1%	
PETRO OUtright NA	MEO	18	15.75	12.5%	9.35	89.5%	12	19.25	-37.0%	
PETRO OUtright NA	MFD	0	0	-	0	-	0	0	-	
PETRO OUtright NA	MMF	0	0	-	0	-	0	0	-	
PJM AD HUB 5MW REAL TIME	V3	0	0	-	0	-	0	0	-	
PJM AD HUB 5MW REAL TIME	Z9	0	0	-	0	-	0	0	-	
PJM DAILY	JD	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 WESTH RT OFF-PEAK	N9	0	0	-	0	-	0	0	-	
PJM WESTH RT PEAK	L1	0	0	-	0	-	0	0	-	
PLASTICS	PGP	28	14.95	86.0%	47.15	-41.0%	49	83.49	-41.6%	
PREMIUM UNLD 10P FOB MED	3G	0	0	-	0	-	0	0	-	
PROPANE NON-LDHD MB (OPIS) BALMO SWP	1S	75	59	26.8%	65	15.1%	82	76.85	6.3%	
PROPANE NON-LDHD MT. BEL (OPIS) SWP	1R	728	511.9	42.2%	558.5	30.3%	643	875.67	-26.5%	
RBOB CALENDAR SWAP	RL	319	372.75	-14.5%	299.4	6.5%	321	297.65	7.8%	
RBOB CRACK SPREAD	RM	43	110.05	-61.2%	120	-64.4%	117	121.4	-3.6%	
RBOB GASOLINE BALMO CLNDR	1D	191	46.9	306.3%	23.45	712.7%	93	19.46	378.6%	
RBOB PHY	RBL	0	0	-	0	-	0	0	-	
RBOB VS HEATING OIL SWAP	RH	0	0	-	0	-	4	3.97	-8.3%	
SINGAPORE 380CST BALMO	BT	0	0	-	0.05	-100.0%	0	0	-	
SINGAPORE 380CST FUEL OIL	SE	2	15.7	-88.8%	10.15	-82.6%	12	10.25	16.6%	
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0	-	
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-	0	0	-	
SINGAPORE GASOIL	MAF	20	5.25	287.3%	40.7	-50.0%	26	9.93	162.9%	
SINGAPORE GASOIL	MTB	2	0	-	4.5	-63.0%	2	0.24	667.4%	
SINGAPORE GASOIL	MTS	15	10.8	41.1%	14.05	8.5%	17	15.48	10.9%	
SINGAPORE GASOIL	SBM	4	0.5	614.3%	4	-10.7%	3	0.83	286.8%	
SINGAPORE GASOIL CALENDAR	MSG	3	24.3	-87.3%	6	-48.4%	11	37.19	-71.1%	
SINGAPORE GASOIL SWAP	SG	12	44.55	-72.6%	45.05	-72.9%	28	79.28	-64.8%	
SINGAPORE GASOIL VS ICE	GA	0	30	-100.0%	0	-	38	34.81	9.8%	

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Commodity		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	
		MAY 2022	MAY 2021		APR 2022		Y.T.D 2022	Y.T.D 2021		
<b>Energy Futures</b>										
SINGAPORE JET KERO GASOIL	RK	8	0	-	0	-	35	2.94	1105.8%	
SINGAPORE JET KEROSENE SW	KS	0	20	-100.0%	0	-	4	8.09	-51.4%	
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	2	2.94	-30.7%	
SINGAPORE MOGAS 92 UNLEADED SWP	1N	8	4.1	105.6%	0	-	5	19.45	-76.2%	
TC2 ROTTERDAM TO USAC 37K	TM	2	0	-	0	-	3	1.03	149.0%	
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	1	1.32	-45.0%	
TD3 MEG TO JAPAN 250K MT	TL	0	22	-100.0%	0	-	60	89.41	-32.8%	
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-	0	0	-	
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	-	0	-	0	24.36	-100.0%	
ULSD UP-DOWN BALMO SWP	1L	470	371.75	26.5%	281.65	67.0%	395	281.17	40.7%	
UP DOWN GC ULSD VS NMX HO	LT	1,169	1,315	-11.1%	903.55	29.4%	1,711	1,423.17	20.2%	
WTI-BRENT CALENDAR SWAP	BK	1,838	1,629.7	12.8%	2,380.3	-22.8%	2,920	1,903.97	53.4%	
WTI CALENDAR	CS	2,347	2,848.1	-17.6%	3,320.75	-29.3%	3,454	2,630.03	31.3%	
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	0	17.21	-100.0%	
WTS (ARGUS) VS WTI SWAP	FF	77	88.9	-13.2%	82.5	-6.5%	159	175.94	-9.5%	
WTS (ARGUS) VS WTI TRD MT	FH	35	97.5	-63.9%	45	-21.7%	51	46.47	10.4%	
<b>Energy Options</b>										
BRENT CALENDAR SWAP	BA	23	0	-	0	-	30	6.9	334.1%	
BRENT CRUDE OIL 1 M CSO	9C	83	25	233.3%	177.5	-53.1%	867	691.18	25.4%	
BRENT OIL LAST DAY	BE	553	293.25	88.7%	597	-7.3%	530	1,140.87	-53.6%	
BRENT OIL LAST DAY	BZO	825	1,039.95	-20.6%	1,193.55	-30.9%	1,086	1,633.32	-33.5%	
COAL API2 INDEX	F2C	3	10.25	-69.3%	5.2	-39.6%	4	5.54	-31.6%	
COAL API2 INDEX	F2Q	0	13.75	-100.0%	0	-	1	8.68	-88.8%	
CRUDE OIL	6Y	0	0	-	0	-	0	0	-	
CRUDE OIL 1MO	WA	2,355	6,691.25	-64.8%	2,976.6	-20.9%	4,131	7,369.66	-43.9%	
CRUDE OIL APO	AO	629	1,947.2	-67.7%	488.55	28.7%	1,080	1,797.43	-39.9%	
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0	-	
CRUDE OIL PHY	LC	1,664	354.5	369.3%	2,746.1	-39.4%	2,276	398.72	470.8%	
CRUDE OIL PHY	LO	90,466	97,730.15	-7.4%	95,601.05	-5.4%	128,211	110,321.78	16.2%	
CRUDE OIL PHY	LO1	1,214	704.7	72.3%	659.35	84.1%	1,591	585.58	171.7%	
CRUDE OIL PHY	LO2	1,125	531.6	111.6%	884.2	27.2%	1,044	515.35	102.5%	
CRUDE OIL PHY	LO3	1,105	916.45	20.6%	2.5	44101.9%	941	486.37	93.6%	
CRUDE OIL PHY	LO4	1,027	753.2	36.4%	907.95	13.1%	1,585	632.75	150.5%	

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Commodity		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	
		MAY 2022	MAY 2021		APR 2022		Y.T.D 2022	Y.T.D 2021		
<b>Energy Options</b>										
CRUDE OIL PHY	LO5	0	0	-	893.8	-100.0%	174	236.5	-26.6%	
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-	
ETHANOL SWAP	CVR	104	160.25	-35.0%	91.15	14.4%	171	123.34	38.7%	
ETHANOL SWAP	GVR	0	0	-	0	-	0	0	-	
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0	-	
HEATING OIL CRK SPD AVG PRICE OPTION	3W	24	0	-	12.5	90.5%	7	3.24	125.1%	
HEATING OIL PHY	FZ	0	0	-	0	-	0	0	-	
HEATING OIL PHY	LB	0	63.5	-100.0%	0	-	4	14.54	-74.5%	
HEATING OIL PHY	OH	400	195.05	105.2%	337.4	18.6%	627	261.53	139.8%	
HENRY HUB FINANCIAL LAST	E7	150	334.35	-55.0%	219.85	-31.6%	282	555.85	-49.3%	
HO 1 MONTH CLNDR OPTIONS	FA	117	0	-	8.75	1233.3%	32	0	-	
LLS CRUDE OIL	HTO	0	0	-	0	-	12	0	-	
LLS CRUDE OIL	WTO	43	0	-	0	-	9	0	-	
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	0	2.94	-100.0%	
NATURAL GAS	LN1	6	0	-	0	-	3	0	-	
NATURAL GAS	LN2	0	0	-	0	-	6	0	-	
NATURAL GAS	LN3	0	0	-	0.3	-36.5%	10	0	-	
NATURAL GAS	LN4	0	0	-	0.05	-4.8%	15	0	-	
NATURAL GAS	LN5	0	0	-	0.1	-100.0%	0	0	-	
NATURAL GAS 1 M CSO FIN	G4	2,690	1,160	131.9%	3,222.5	-16.5%	5,473	1,960.77	179.1%	
NATURAL GAS 2 M CSO FIN	G2	169	0	-	450	-62.4%	122	56.86	114.3%	
NATURAL GAS 3 M CSO FIN	G3	3,219	1,100	192.6%	1,747.5	84.2%	1,783	859.13	107.5%	
NATURAL GAS 5 M CSO FIN	G5	0	100	-100.0%	645	-100.0%	449	109.31	310.8%	
NATURAL GAS 6 M CSO FIN	G6	310	0	-	0	-	717	663.73	8.1%	
NATURAL GAS OPT	JFO	0	0	-	0	-	3	0	-	
NATURAL GAS OPT	JKO	111	52.5	110.9%	53.75	106.0%	51	71.08	-28.3%	
NATURAL GAS OPT	TFO	0	2,264.5	-100.0%	0	-	7	1,202.55	-99.4%	
NATURAL GAS OPTION ON CALENDAR STR	6J	0	50	-100.0%	0	-	6	158.82	-96.3%	
NATURAL GAS PHY	KD	118	88.75	32.8%	15	685.7%	43	107.35	-60.0%	
NATURAL GAS PHY	LN	92,348	76,300.55	21.0%	122,600.65	-24.7%	104,784	90,312.26	16.0%	
NATURAL GAS PHY	ON	3,701	2,807.5	31.8%	4,340.2	-14.7%	4,640	4,073.86	13.9%	
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	0	0	-	
NY HARBOR HEAT OIL SWP	AT	107	47.75	123.6%	136.25	-21.6%	102	40.66	149.9%	
PETROCHEMICALS	4H	4	98.45	-96.1%	15	-74.3%	9	36.65	-76.6%	
PETROCHEMICALS	4J	0	0	-	0	-	0	3.92	-100.0%	

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Commodity	May 2022			APR 2022		Y.T.D 2022			Y.T.D 2021		
	ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	ADV	ADV	% CHG
	MAY 2022	MAY 2021		APR 2022		Y.T.D 2022	Y.T.D 2021		Y.T.D 2021		
<b>Energy Options</b>											
PETROCHEMICALS	4K	0	0	-	0	-	0	0	0	0	-
PETROCHEMICALS	CPR	0	9	-100.0%	0	-	0	1.76	-100.0%		
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0	-		
PETRO OUTRIGHT NA	DAP	0	3	-100.0%	0	-	4	7.94	-54.2%		
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	0	-		
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	0	-		
RBOB CALENDAR SWAP	RA	77	0	-	3	2463.5%	17	10.98	59.3%		
RBOB PHY	OB	270	261.85	3.0%	54.9	391.4%	166	346.89	-52.2%		
RBOB PHY	RF	21	7.25	189.0%	21	-0.2%	10	3.52	195.2%		
SHORT TERM	U11	14	0	-	0	-	3	0.49	494.2%		
SHORT TERM	U12	26	0	-	0	-	5	0.98	444.7%		
SHORT TERM	U13	0	0	-	0	-	1	1.96	-50.5%		
SHORT TERM	U14	0	0	-	17.5	-100.0%	4	0	-		
SHORT TERM	U15	0	0	-	0	-	0	0	-		
SHORT TERM	U22	0	0	-	0	-	2	0	-		
SHORT TERM	U24	0	0	-	0	-	0	0.98	-100.0%		
SHORT TERM	U25	0	0	-	0	-	2	2.94	-34.0%		
SHORT TERM	U26	10	0	-	0	-	2	0.74	164.1%		
SHORT TERM NATURAL GAS	U01	2	0	-	0	-	2	0.74	230.1%		
SHORT TERM NATURAL GAS	U02	0	0	-	0	-	0	1.47	-100.0%		
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	0	0.98	-100.0%		
SHORT TERM NATURAL GAS	U04	14	0	-	0	-	4	0.98	296.1%		
SHORT TERM NATURAL GAS	U05	24	0	-	0	-	5	1.96	147.6%		
SHORT TERM NATURAL GAS	U06	21	10	114.3%	0	-	5	5.39	-1.0%		
SHORT TERM NATURAL GAS	U07	0	0	-	20	-100.0%	5	0.74	626.2%		
SHORT TERM NATURAL GAS	U08	0	0	-	2.5	-100.0%	1	0.49	197.1%		
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	0	1.96	-100.0%		
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	2	0	-		
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	0	0.74	-100.0%		
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	0	1.47	-100.0%		
SHORT TERM NATURAL GAS	U18	0	0	-	10	-100.0%	3	0	-		
SHORT TERM NATURAL GAS	U19	26	0	-	0	-	5	0	-		
SHORT TERM NATURAL GAS	U20	12	0	-	0	-	2	0	-		
SHORT TERM NATURAL GAS	U21	0	0	-	25	-100.0%	5	0	-		
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	0	0	-		

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Commodity	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG	
<b>Energy Options</b>									
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	-	0	1.47	-100.0%
SHORT TERM NATURAL GAS	U31	5	0	-	0	-	2	0	-
WTI-BRENT BULLET SWAP	BV	195	466.25	-58.1%	1,165	-83.2%	1,244	1,410.78	-11.8%
WTI CRUDE OIL 1 M CSO FI	7A	7,145	2,046.25	249.2%	2,952.5	142.0%	3,160	3,657.84	-13.6%
<b>Ag Products Futures</b>									
COFFEE	KT	0	0	-	0	-	0	0.02	-100.0%
<b>TOTAL FUTURES GROUP</b>									
Ag Products Futures		0	0	-	0	-	0	0.02	-100.0%
Energy Futures		1,585,773	1,759,320.2	-9.9%	1,730,029.75	-8.3%	1,996,083	1,951,228.91	2.3%
Metals Futures		437,667	592,721.7	-26.2%	410,565.95	6.6%	483,449	571,793.74	-15.5%
<b>TOTAL FUTURES</b>		<b>2,023,440</b>	<b>2,352,041.9</b>	<b>-14.0%</b>	<b>2,140,595.7</b>	<b>-5.5%</b>	<b>2,479,531.94</b>	<b>2,523,022.67</b>	<b>-1.7%</b>
<b>TOTAL OPTIONS GROUP</b>									
Energy Options		212,557	198,638	7.0%	245,300.7	-13.3%	267,579	231,915.23	15.4%
Metals Options		61,053	56,031.4	9.0%	57,311.5	6.5%	66,195	58,762.12	12.6%
<b>TOTAL OPTIONS</b>		<b>273,610</b>	<b>254,669.4</b>	<b>7.4%</b>	<b>302,612.2</b>	<b>-9.6%</b>	<b>333,774.13</b>	<b>290,677.34</b>	<b>14.8%</b>

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Commodity	May 2022			Y.T.D 2022			Y.T.D 2021		
	ADV MAY 2022	ADV MAY 2021	% CHG	ADV APR 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG	
<b>TOTAL COMBINED</b>									
Metals	498,720	648,753.1	-23.1%	467,877.45	6.6%	549,644	630,555.85	-12.8%	
Energy	1,798,330	1,957,958.2	-8.2%	1,975,330.45	-9.0%	2,263,662	2,183,144.14	3.7%	
Ag Products	0	0	-	0	-	0	0.02	-100.0%	
<b>GRAND TOTAL</b>	<b>2,297,050</b>	<b>2,606,711.3</b>	<b>-11.9%</b>	<b>2,443,207.9</b>	<b>-6.0%</b>	<b>2,813,306.07</b>	<b>2,813,700.01</b>	<b>0.0%</b>	