

NYMEX/COMEX Exchange ADV Report - Monthly

April 2023

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Commodity		ADV APR 2023	ADV APR 2022	% CHG	ADV MAR 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Metals Futures									
COMEX GOLD	GC	201,909	168,779.45	19.6%	307,647.57	-34.4%	245,070	240,344.74	2.0%
NYMEX HOT ROLLED STEEL	HR	1,035	1,006.1	2.9%	1,446.65	-28.5%	1,516	1,290.1	17.5%
NYMEX PLATINUM	PL	19,239	16,267.6	18.3%	26,046.61	-26.1%	22,517	20,487.72	9.9%
PALLADIUM	PA	2,358	1,396.65	68.8%	1,953.26	20.7%	2,917	2,521.8	15.7%
URANIUM	UX	0	0.3	-100.0%	0	-	0	0.29	-100.0%
COMEX SILVER	SI	86,167	74,444.15	15.7%	66,036.48	30.5%	75,978	70,980.9	7.0%
COMEX E-Mini GOLD	QO	1,867	1,235.95	51.0%	2,490.48	-25.0%	2,150	1,545.15	39.1%
COMEX E-Mini SILVER	QI	360	202.4	77.6%	347.83	3.4%	342	209.06	63.5%
COMEX COPPER	HG	114,910	86,594.3	32.7%	97,130.7	18.3%	110,270	85,894.27	28.4%
COMEX MINY COPPER	QC	328	210.95	55.3%	336.3	-2.6%	305	184.62	65.1%
ALUMINUM	AEP	67	15	349.8%	65.09	3.7%	162	98.51	64.0%
ALUMINUM	ALA	0	0	-	0	-	2	19.63	-88.7%
ALUMINUM	ALI	4,312	917.45	370.0%	3,402.65	26.7%	3,453	630.4	447.8%
ALUMINUM	AUP	317	260.45	21.6%	243.17	30.2%	334	259.39	28.7%
ALUMINUM	EDP	156	116.9	33.5%	165.09	-5.5%	213	192.33	10.6%
ALUMINUM	MJP	8	0	-	22.17	-62.0%	9	17.2	-45.4%
COBALT METAL FUTURES	COB	176	29.45	496.2%	107.22	63.8%	169	22.4	653.2%
COBALT METAL FUTURES	MOX	8	0	-	7.39	6.1%	4	0	-
COPPER	HGS	196	117.65	66.6%	7.91	2377.6%	116	112.78	3.0%
COPPER	MHG	5,405	0	-	5,428.61	-0.4%	5,532	0	-
FERROUS PRODUCTS	BUS	45	74.75	-39.6%	47.3	-4.5%	63	131.27	-52.2%
FERROUS PRODUCTS	FSF	1	0	-	0.04	2924.8%	1	0	-
GOLD	SGC	42	44.45	-6.5%	23.91	73.9%	17	57.05	-69.6%
GOLD	SGU	39	446.3	-91.2%	22.87	71.2%	18	549.28	-96.8%
HOT ROLLED COIL STEEL FUTURES	EHR	167	83.2	101.2%	194.61	-14.0%	327	97.96	233.6%
IRON ORE CHINA	TIO	2	67.25	-97.3%	2	-10.5%	10	64.13	-83.9%
METALS	HDG	0	7.5	-100.0%	0.65	-100.0%	17	2.52	582.2%
METALS	LTH	60	0	-	22.65	163.5%	23	0	-
METALS	PAC	0	0	-	13.04	-100.0%	6	12.2	-49.4%
MICRO GOLD	MGC	83,563	50,477.6	65.5%	75,539.52	10.6%	72,186	60,682.07	19.0%
SILVER	SIL	12,226	7,770.15	57.3%	10,564.43	15.7%	11,228	8,765.56	28.1%

Metals Options

ALUMINUM	ALO	0	0	-	0	-	0	0	-
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Metals Options									
ALUMINUM	AX	43	0	-	47.35	-9.8%	37	0	-
COMEX COPPER	HX	5,540	3,661.9	51.3%	6,572.22	-15.7%	7,689	3,356.13	129.1%
COMEX GOLD	ECGC	451	0	-	246.35	83.2%	292	0	-
COMEX GOLD	OG	47,665	37,935.05	25.6%	65,861.04	-27.6%	52,347	46,542.51	12.5%
COMEX SILVER	ECSI	500	0	-	275.91	81.3%	320	0	-
COMEX SILVER	SO	8,858	4,783.05	85.2%	8,362.48	5.9%	8,231	5,429.37	51.6%
COPPER	ECHG	246	0	-	283.74	-13.1%	269	0	-
COPPER	H1E	24	2.85	732.9%	24.3	-2.3%	36	5.13	595.9%
COPPER	H1M	3	0	-	12.26	-75.5%	10	0	-
COPPER	H1W	10	0	-	22.35	-53.6%	17	0	-
COPPER	H2E	62	13	374.9%	30.39	103.1%	48	9.44	408.0%
COPPER	H2M	6	0	-	14	-55.6%	18	0	-
COPPER	H2W	15	0	-	5.83	157.5%	21	0	-
COPPER	H3E	18	1.3	1317.0%	16.09	14.5%	30	3.6	726.4%
COPPER	H3M	8	0	-	23.52	-65.3%	10	0	-
COPPER	H3W	10	0	-	17.83	-42.1%	17	0	-
COPPER	H4E	22	3.75	495.1%	17.26	29.3%	22	2.24	898.0%
COPPER	H4M	3	0	-	15.48	-81.0%	16	0	-
COPPER	H4W	4	0	-	12	-66.7%	9	0	-
COPPER	H5E	0	1.6	-100.0%	10.91	-100.0%	3	0.39	694.1%
COPPER	H5M	0	0	-	0	-	2	0	-
COPPER	H5W	0	0	-	11.3	-100.0%	3	0	-
GOLD	G1M	492	0	-	529.17	-7.1%	500	0	-
GOLD	G1W	604	0	-	264.61	128.3%	495	0	-
GOLD	G2M	639	0	-	597.13	7.0%	584	0	-
GOLD	G2W	653	0	-	351.17	86.1%	534	0	-
GOLD	G3M	588	0	-	920.04	-36.1%	413	0	-
GOLD	G3W	715	0	-	451.43	58.4%	605	0	-
GOLD	G4M	288	0	-	362.39	-20.6%	348	0	-
GOLD	G4W	388	0	-	622.09	-37.6%	420	0	-
GOLD	G5M	0	0	-	0	-	98	0	-
GOLD	G5W	0	0	-	233.17	-100.0%	66	0	-
GOLD	OG1	2,190	1,530	43.1%	1,418.87	54.3%	2,310	2,574.99	-10.3%
GOLD	OG2	3,265	1,792.2	82.2%	2,183.7	49.5%	2,882	2,602.67	10.7%
GOLD	OG3	1,882	2,463.05	-23.6%	3,817.43	-50.7%	2,955	2,634.56	12.2%

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Metals Options									
GOLD	OG4	2,197	2,169.1	1.3%	2,518.04	-12.8%	1,788	2,442.45	-26.8%
GOLD	OG5	0	1,954.25	-100.0%	1,867.91	-100.0%	530	476.65	11.3%
IRON ORE CHINA	ICT	0	0	-	0	-	0	0	-
NYMEX HOT ROLLED STEEL	HRO	71	33.75	110.5%	58.26	22.0%	131	84.88	54.4%
NYMEX PLATINUM	PO	1,439	336.5	327.6%	494.35	191.0%	710	351.87	101.9%
PALLADIUM	PAO	48	2.1	2203.3%	55	-12.1%	51	1.1	4567.9%
SILVER	M1S	73	0	-	53.65	36.7%	58	0	-
SILVER	M2S	161	0	-	53.04	204.1%	85	0	-
SILVER	M3S	37	0	-	87.13	-57.4%	34	0	-
SILVER	M4S	21	0	-	44.74	-53.9%	35	0	-
SILVER	M5S	0	0	-	0	-	7	0	-
SILVER	SO1	361	66.9	439.6%	227.43	58.7%	404	255.91	57.9%
SILVER	SO2	457	159.9	185.9%	298.91	52.9%	356	310.32	14.8%
SILVER	SO3	348	151.15	130.2%	416.22	-16.4%	357	216.74	64.6%
SILVER	SO4	190	135.65	39.8%	160.7	18.0%	186	182.89	1.8%
SILVER	SO5	0	114.45	-100.0%	344.91	-100.0%	98	27.91	250.8%
SILVER	W1S	135	0	-	31.57	329.0%	76	0	-
SILVER	W2S	104	0	-	23.74	339.2%	73	0	-
SILVER	W3S	74	0	-	43.83	69.3%	73	0	-
SILVER	W4S	49	0	-	34.74	41.1%	40	0	-
SILVER	W5S	0	0	-	12.78	-100.0%	4	0	-

Energy Futures

CRUDE OIL PHY	CL	794,371	703,591.9	12.9%	858,500.78	-7.5%	810,582	992,851.89	-18.4%
CRUDE OIL	WS	0	0	-	0	-	0	0	-
MINY WTI CRUDE OIL	QM	15,315	26,867	-43.0%	17,564.17	-12.8%	16,078	33,189.34	-51.6%
BRENT OIL LAST DAY	BZ	53,701	51,311.5	4.7%	62,685.78	-14.3%	56,670	84,603.59	-33.0%
HEATING OIL PHY	HO	144,332	123,608.75	16.8%	151,869	-5.0%	156,081	179,449.11	-13.0%
HTG OIL	BH	3	1.8	40.3%	0	-	1	0.44	35.0%
MINY HTG OIL	QH	0	0.6	-29.8%	0.48	-12.0%	1	0.4	35.0%
RBOB PHY	RB	177,206	157,806.85	12.3%	160,712.74	10.3%	164,863	189,661.82	-13.1%
MINY RBOB GAS	QU	1	0.6	22.8%	0.3	142.1%	1	0.46	27.9%

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Energy Futures									
NATURAL GAS	HP	10,530	11,153.1	-5.6%	10,797.91	-2.5%	10,400	9,510.16	9.4%
LTD NAT GAS	HH	15,224	21,313.7	-28.6%	18,187.61	-16.3%	18,322	17,736.9	3.3%
MINY NATURAL GAS	QG	10,098	24,159.6	-58.2%	11,370.78	-11.2%	14,766	13,470.05	9.6%
NATURAL GAS PHY	NG	429,585	446,549.85	-3.8%	381,651.7	12.6%	421,983	398,760.51	5.8%
RBOB GAS	RT	2	1.2	57.9%	0	-	0	0.29	51.8%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	206	531.5	-61.3%	409.13	-49.8%	231	209.15	10.2%
ARGUS PROPAN FAR EST INDE	7E	363	250.1	45.3%	332.91	9.1%	406	268.26	51.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	90	101.75	-11.9%	158.43	-43.4%	161	110.28	46.0%
BRENT BALMO SWAP	J9	0	0	-	0	-	0	18.13	-100.0%
BRENT CALENDAR SWAP	CY	502	512.7	-2.1%	243.91	105.8%	476	888.02	-46.4%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	3	0	-
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAR VINTAGE	GEO	686	56.95	1104.0%	472.65	45.1%	564	121.35	365.0%
CAR VINTAGE	NGO	216	276.8	-22.0%	142.91	51.1%	364	542.66	-32.9%
CHICAGO ETHANOL SWAP	CU	3,594	2,749.05	30.7%	4,087.7	-12.1%	3,391	2,889.93	17.3%
CHICAGO ULSD PL VS HO SPR	5C	34	39.5	-14.1%	31.96	6.2%	44	35.77	23.7%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	12	24.05	-50.1%	0.52	2200.2%	4	11.17	-60.2%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	20	29.75	-32.4%	5.09	295.2%	9	14.6	-36.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	956	912.15	4.8%	819.96	16.6%	863	696.01	24.0%
CRUDE OIL LAST DAY	26	0	11.45	-100.0%	24.91	-100.0%	21	16.51	24.3%
CRUDE OIL OUTRIGHTS	42	21	35.45	-40.0%	21.78	-2.4%	16	59.87	-72.9%
CRUDE OIL OUTRIGHTS	CC5	0	12	-100.0%	0	-	0	17.82	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	-	0	-	0	10.98	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	HTT	7,464	4,044.75	84.5%	9,132.17	-18.3%	7,978	3,384.63	135.7%
CRUDE OIL OUTRIGHTS	LSW	0	19	-100.0%	0	-	1	37.2	-96.7%
CRUDE OIL OUTRIGHTS	WCW	0	93.25	-100.0%	0	-	0	145.43	-100.0%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	MCL	87,166	122,506.6	-28.8%	100,749	-13.5%	91,094	133,722.26	-31.9%
CRUDE OIL SPRDS	ANT	7	50.25	-85.3%	35.65	-79.3%	30	12.26	145.8%
CRUDE OIL SPRDS	HIL	0	30	-100.0%	0	-	0	39.7	-100.0%
CRUDE OIL SPRDS	WTT	4,142	2,177.1	90.2%	3,749.74	10.4%	3,812	2,366.68	61.1%

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Energy Futures									
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	WOR	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	FY	0	0	-	0	-	0	27.07	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0.25	-100.0%	0	-	0	0.06	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	0	-	0	24.39	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	180	56.2	220.0%	70.87	153.8%	65	166.73	-61.1%
EIA FLAT TAX ONHWAY DIESE	A5	9	3.9	138.9%	15.22	-38.8%	9	5.56	57.8%
EMMISSIONS	CGO	84	52.55	59.4%	107.57	-22.1%	95	14.77	540.8%
ETHANOL	MTH	0	0	-	0	-	0	0.12	-100.0%
ETHANOL	Z1B	1	0	-	0	-	0	0	-
ETHANOL SWAP	MT2	25	7.5	236.8%	13.04	93.7%	18	13.6	29.8%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	182	90.7	100.1%	218.52	-16.9%	194	153.18	26.9%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0	-
EURO GASOIL 10PPM VS ICE	ET	0	6.5	-100.0%	0	-	0	13.6	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	-	6.78	-99.2%	3	6.66	-59.4%
EUROPEAN GASOIL (ICE)	7F	3	83.95	-96.2%	1.83	72.9%	3	90.55	-97.0%
EUROPEAN NAPHTHA BALMO	KZ	0	1.75	-91.0%	0.43	-63.7%	1	1.46	-65.4%
EUROPEAN NAPHTHA CRACK SPR	EN	316	48.05	558.5%	250.13	26.5%	170	145.98	16.6%
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	UN	34	16.2	110.9%	68.35	-50.0%	55	41.1	33.4%
EURO PROPANE CIF ARA SWA	PS	96	65.5	46.2%	81	18.2%	98	92.46	5.5%
FREIGHT MARKETS	BL2	0	0	-	0.65	-100.0%	12	0	-
FREIGHT MARKETS	CS3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	CS4	0	0	-	0	-	0	1.46	-100.0%
FREIGHT MARKETS	FLJ	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	0	1.65	-100.0%	0	-	0	2.17	-97.2%
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0	-
FREIGHT MARKETS	T2D	0	0	-	0	-	0	8.63	-100.0%
FREIGHT MARKETS	TC6	0	0	-	0	-	0	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0	-
FUEL OIL CRACK VS ICE	FO	0	8.25	-100.0%	0	-	0	13.18	-100.0%

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Energy Futures									
FUEL OIL NWE CRACK VS ICE	FI	2	0	-	0	-	0	0.8	-54.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	7H	25	10.6	137.3%	16.52	52.3%	11	12.91	-11.6%
GAS EURO-BOB OXY NWE BARGES CRK	7K	133	74.1	79.1%	67.39	97.0%	87	184.5	-52.7%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.55	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.12	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.25	-100.0%	0	-	0	0.61	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	GX	0	0.25	-100.0%	0.78	-100.0%	0	11.29	-97.0%
GASOIL CRACK SPREAD CALEN	GZ	6	54.9	-89.6%	17.61	-67.7%	6	123.32	-94.9%
GASOIL MINI CALENDAR SWAP	QA	9	8.25	3.3%	5.91	44.2%	12	21.96	-47.5%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	192	358.75	-46.4%	107.17	79.5%	166	338.23	-50.9%
GRP THREE UNL GS (PLT) VS	A8	108	245.5	-56.1%	129.78	-16.9%	144	222.44	-35.1%
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	0	-	0	7.93	-100.0%
GULF COAST JET VS NYM 2 H	ME	542	295.95	83.1%	383.04	41.5%	410	721.79	-43.1%
GULF COAST NO.6 FUEL OIL	MF	194	244.65	-20.8%	208.74	-7.2%	242	172.74	40.3%
GULF COAST NO.6 FUEL OIL	MG	681	219.25	210.8%	585	16.5%	714	372.32	91.8%
GULF COAST ULSD CALENDAR	LY	11	3.5	203.8%	15.22	-30.1%	10	4.49	120.6%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	1G	0	0.75	-100.0%	0	-	10	18.4	-44.5%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0	-
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HEATING OIL PHY	MHO	0	0	-	0.09	-100.0%	0	0	-
HENRY HUB SWAP	NN	1,900	1,080.6	75.8%	2,089.65	-9.1%	1,984	1,482.51	33.8%
ICE BRENT DUBAI SWAP	DB	3	6.75	-53.2%	2.61	21.1%	1	25.43	-94.2%
INDONESIAN COAL ICI4	ICI	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA SWAP	JA	6	4.85	17.2%	6.22	-8.6%	6	6.39	-7.7%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0.07	102.3%
JET CIF NWE VS ICE	JC	0	1.7	-100.0%	1.43	-100.0%	2	11.52	-80.1%
JET FUEL UP-DOWN BALMO CL	1M	19	51.75	-63.4%	25.43	-25.5%	48	134.12	-64.2%
JKM LNG Futures	JKM	0	14.5	-100.0%	0	-	0	19.43	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	20	14.1	40.0%	26.87	-26.5%	25	25.77	-4.3%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	3	0	-

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Energy Futures									
LA JET (OPIS) SWAP	JS	24	28.75	-14.9%	30.65	-20.2%	28	32.01	-12.3%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	-	0	-	7	1.13	542.3%
MARS (ARGUS) VS WTI SWAP	YX	0	0	-	0	-	0	17.8	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	614	605	1.5%	1,020.87	-39.9%	1,096	751.68	45.8%
MCCLOSKEY ARA ARGS COAL	MTF	35	266.05	-87.0%	23.57	47.0%	54	367.05	-85.4%
MCCLOSKEY RCH BAY COAL	MFF	0	23.3	-100.0%	0.52	-100.0%	0	24.91	-99.4%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	0.25	-100.0%	0	-	0	2.54	-90.3%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	11	0	-	0	-	3	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	12	38	-69.5%	0.87	1231.5%	8	24.28	-65.9%
MJC FUT	MJC	0	0	-	0	-	0	0	-
MNC FUT	MNC	58	60.8	-4.8%	83.39	-30.6%	69	83.12	-17.3%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,293	1,431.75	-9.7%	1,358.22	-4.8%	1,637	1,584.98	3.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	38	23.75	61.8%	24.35	57.8%	49	41.99	16.4%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	10,126	7,776.95	30.2%	10,950.57	-7.5%	10,909	8,847.24	23.3%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	91	206	-55.8%	202.22	-54.9%	133	206.02	-35.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	1,403	984.6	42.5%	1,337.39	4.9%	1,210	966.67	25.2%
MONT BELVIEU NATURAL GASOLINE BALM	R0	90	86.15	4.3%	75.04	19.8%	77	53.39	44.9%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	2,469	2,345.95	5.2%	2,914.65	-15.3%	2,768	2,443.98	13.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	60	60.8	-0.7%	60.65	-0.5%	54	91.04	-40.9%
NATURAL GAS	NWM	0	0	-	0	-	0	0	-
NATURAL GAS PEN SWP	NP	1,249	2,082.25	-40.0%	820.91	52.2%	1,131	2,394.04	-52.8%
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	-
NEW YORK ETHANOL SWAP	EZ	31	26.35	16.2%	16.96	80.6%	25	36.43	-31.0%
NEW YORK HUB ZONE G PEAK	GN	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 HEAT OIL SWP	MP	238	83.3	186.0%	127.48	86.9%	115	53.72	113.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	0	-
NY HARBOR RESIDUAL FUEL 1	MM	8	10	-21.1%	5.43	45.3%	7	7.32	-3.0%
NYH NO 2 CRACK SPREAD CAL	HK	623	196.2	217.7%	54.78	1037.7%	211	133.39	58.3%
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	4	0	-	39.52	-88.8%	20	17.57	16.5%
PETROCHEMICALS	22	6	4.8	25.0%	3.74	60.5%	10	7.48	37.4%

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Energy Futures									
PETROCHEMICALS	32	1	2.75	-61.7%	3.13	-66.4%	5	2.43	101.5%
PETROCHEMICALS	3NA	2	0.2	1005.3%	0.3	626.4%	1	1.04	-41.6%
PETROCHEMICALS	51	0	0	-	0	-	0	0	-
PETROCHEMICALS	81	0	0	-	0	-	1	4.44	-83.3%
PETROCHEMICALS	8I	72	41.95	72.3%	17.17	320.8%	34	60.06	-43.5%
PETROCHEMICALS	91	26	14.75	78.4%	15.96	64.9%	22	17.3	24.8%
PETROCHEMICALS	MAA	24	5.5	340.2%	3.04	695.5%	7	4.27	59.1%
PETROCHEMICALS	MAE	61	53	15.3%	71.22	-14.2%	66	54.88	19.9%
PETROCHEMICALS	MAS	19	12.25	52.5%	24.57	-23.9%	29	19.63	46.4%
PETROCHEMICALS	MBE	0	0	-	2.61	-100.0%	4	3.41	19.3%
PETROCHEMICALS	MNB	0	0	-	0	-	0	0.18	-100.0%
PETROCHEMICALS	MPS	18	11.2	64.5%	20.78	-11.4%	26	11.3	132.2%
PETROCHEMICALS	PMF	0	0	-	0	-	0	0.15	68.8%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	CRB	388	521.95	-25.6%	430.74	-9.9%	542	865.87	-37.4%
PETRO CRCKS & SPRDS NA	EXR	13	13.15	-3.9%	10.78	17.1%	10	22	-52.7%
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-	6	0	-
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GCU	0	0	-	0	-	0	3.35	-100.0%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	23.91	-100.0%	7	16.46	-58.8%
PETRO CRCKS & SPRDS NA	HOB	0	10.25	-100.0%	52.17	-100.0%	16	5.09	215.6%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	58	32.5	78.9%	5.48	961.6%	32	53.06	-39.5%
PETRO CRCKS & SPRDS NA	RVG	16	11.75	34.4%	52.17	-69.7%	79	152.51	-48.2%
PETRO CRK&SPRD EURO	1NB	3	15	-76.8%	0	-	3	19.57	-83.3%
PETRO CRK&SPRD EURO	43	1	1.25	-15.8%	0	-	1	1.48	-20.5%
PETRO CRK&SPRD EURO	BOB	0	0.75	-100.0%	0	-	1	7.01	-78.9%
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	EPN	23	13.1	74.8%	14.39	59.1%	15	19.49	-21.4%
PETRO CRK&SPRD EURO	EVC	3	0	-	12.39	-74.5%	4	9.6	-55.6%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0.11	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	1.3	-100.0%	0	0	-
PETRO CRK&SPRD EURO	NOB	5	0	-	1.78	156.9%	3	6.67	-57.8%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0.02	-100.0%

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Energy Futures									
PETROLEUM PRODUCTS	CMS	11	0	-	24.78	-57.5%	12	7.44	61.0%
PETROLEUM PRODUCTS	EWG	7	0	-	4.57	62.6%	15	23.09	-36.0%
PETROLEUM PRODUCTS	H5F	5	1.25	321.1%	0	-	4	0.91	305.0%
PETROLEUM PRODUCTS	JCC	15	103.55	-85.8%	128.7	-88.5%	90	71.35	25.8%
PETROLEUM PRODUCTS	R5F	0	1.6	-70.4%	1.04	-54.6%	1	2.05	-56.6%
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	0	25	-100.0%	0	-	0	10.34	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0.43	-39.5%	0	0	-
PETROLEUM PRODUCTS ASIA	MJN	19	41.15	-54.0%	36.96	-48.7%	27	52.83	-48.7%
PETRO OUTRIGHT EURO	0B	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0D	1	2.55	-58.7%	2.22	-52.5%	2	1.52	11.0%
PETRO OUTRIGHT EURO	0F	0	0.45	-100.0%	0	-	0	0.11	-100.0%
PETRO OUTRIGHT EURO	5L	0	0	-	1.3	-100.0%	1	0	-
PETRO OUTRIGHT EURO	7I	0	2.5	-100.0%	0	-	1	3.48	-73.4%
PETRO OUTRIGHT EURO	7R	0	0	-	0	-	0	0.26	44.6%
PETRO OUTRIGHT EURO	CBB	0	0	-	0.22	-100.0%	0	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CPB	21	3.5	509.0%	16.96	25.7%	17	11.39	46.6%
PETRO OUTRIGHT EURO	EWN	14	0	-	14.17	1.4%	18	5.23	243.6%
PETRO OUTRIGHT EURO	M1B	31	53.55	-41.5%	40.13	-22.0%	47	58.74	-19.5%
PETRO OUTRIGHT EURO	MBN	52	20.1	160.5%	0.52	9938.0%	22	35.82	-39.7%
PETRO OUTRIGHT EURO	MEF	0	0.05	-100.0%	0	-	0	0.6	-95.9%
PETRO OUTRIGHT EURO	MQA	11	0	-	8.96	19.3%	8	1.68	360.0%
PETRO OUTRIGHT EURO	R53	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	R5M	41	75.9	-45.7%	73.22	-43.7%	68	103.41	-34.1%
PETRO OUTRIGHT EURO	R5O	27	40.8	-33.6%	24	12.9%	30	72.59	-59.2%
PETRO OUTRIGHT EURO	RBM	0	0.5	-47.4%	1.52	-82.7%	1	0.62	64.7%
PETRO OUTRIGHT EURO	S5B	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT EURO	S5F	26	2.8	834.2%	21.13	23.8%	19	6.78	182.9%
PETRO OUTRIGHT EURO	S5M	62	87.15	-28.6%	85.7	-27.4%	89	129.87	-31.6%
PETRO OUTRIGHT EURO	S5O	22	133.2	-83.6%	27.7	-21.3%	42	177.33	-76.3%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	SR5	0	0	-	7.83	-100.0%	3	0	-
PETRO OUTRIGHT EURO	ULB	3	0	-	0	-	2	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-	0	0	-

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Energy Futures									
PETRO OUTRIGHT NA	A8B	14	25.25	-45.8%	0	-	4	7.32	-39.3%
PETRO OUTRIGHT NA	AB6	27	5	447.4%	1.09	2417.8%	10	16.22	-37.2%
PETRO OUTRIGHT NA	BCR	33	27.75	18.5%	52.17	-37.0%	47	160.61	-70.6%
PETRO OUTRIGHT NA	JE	0	3	-100.0%	0	-	0	0.73	-100.0%
PETRO OUTRIGHT NA	JET	87	13.75	531.6%	58.7	48.0%	46	34.27	34.2%
PETRO OUTRIGHT NA	JTB	0	23.75	-100.0%	6.52	-100.0%	3	17.76	-84.4%
PETRO OUTRIGHT NA	MBL	7	4.5	52.0%	0	-	2	7.38	-78.2%
PETRO OUTRIGHT NA	MEN	2	3.25	-53.0%	0.87	75.5%	2	4.71	-59.6%
PETRO OUTRIGHT NA	MEO	7	9.35	-25.7%	7.39	-6.0%	8	10.68	-24.1%
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 WESTH RT OFF-PEAK	N9	0	0	-	0	-	0	0	-
PJM WESTH RT PEAK	L1	0	0	-	0	-	0	0	-
PLASTICS	PGP	30	47.15	-36.1%	15.22	97.8%	31	54.09	-43.2%
PREMIUM UNLND 10P FOB MED	3G	0	0	-	0.65	-100.0%	0	0.18	1.3%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	60	65	-7.9%	80.91	-26.0%	65	83.44	-22.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	1,240	558.5	122.0%	623	99.0%	933	621.9	50.0%
RBOB CALENDAR SWAP	RL	328	299.4	9.7%	471.52	-30.4%	373	321.48	15.9%
RBOB CRACK SPREAD	RM	175	120	46.1%	35.87	388.8%	74	136.1	-45.9%
RBOB CRACK SPREAD BALMO S	1E	5	0	-	0	-	1	0	-
RBOB GASOLINE BALMO CLNDR	1D	38	23.45	60.9%	45.87	-17.7%	45	68.2	-34.3%
RBOB PHY	MRB	0	0	-	0.22	-51.6%	0	0	-
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	0	0	-	0	-	0	4.57	-91.9%
SINGAPORE 180CST BALMO	BS	0	0	-	0.17	-100.0%	0	0	-
SINGAPORE 380CST BALMO	BT	0	0.05	-100.0%	0	-	0	0.01	-100.0%
SINGAPORE 380CST FUEL OIL	SE	9	10.15	-15.5%	6.78	26.5%	6	14.57	-58.4%
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0.26	-100.0%	0	0	-
SINGAPORE GASOIL	MAF	0	40.7	-100.0%	0.48	-100.0%	3	27.59	-90.2%
SINGAPORE GASOIL	MTB	0	4.5	-100.0%	0	-	0	1.84	-100.0%

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Energy Futures									
SINGAPORE GASOIL	MTS	3	14.05	-75.7%	5.04	-32.2%	26	17.66	48.5%
SINGAPORE GASOIL	SBM	0	4	-100.0%	0	-	0	3.13	-100.0%
SINGAPORE GASOIL CALENDAR	MSG	1	6	-79.8%	1.87	-35.3%	2	12.72	-86.4%
SINGAPORE GASOIL SWAP	SG	53	45.05	16.8%	23.91	120.1%	42	31.96	30.9%
SINGAPORE GASOIL VS ICE	GA	0	0	-	0	-	0	48	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	0	42.57	-100.0%
SINGAPORE JET KEROSENE SW	KS	0	0	-	0	-	0	4.94	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	4.35	-100.0%	1	2.56	-51.8%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	45	0	-	10.87	311.6%	14	3.66	279.6%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	7.48	-100.0%	2	2.78	-23.6%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	0.91	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	0	-	0	75.43	-100.0%
ULSD UP-DOWN BALMO SWP	1L	316	281.65	12.2%	408	-22.6%	341	376.32	-9.4%
UP DOWN GC ULSD VS NMX HO	LT	1,982	903.55	119.3%	1,053.65	88.1%	1,397	1,850.02	-24.5%
WTI-BRENT CALENDAR SWAP	BK	2,515	2,380.3	5.7%	3,392.57	-25.9%	2,611	3,197.84	-18.3%
WTI CALENDAR	CS	3,225	3,320.75	-2.9%	2,798.3	15.3%	3,028	3,738.06	-19.0%
WTI MIDLAND CRUDE OIL	WTL	25	0	-	18.26	38.3%	11	0	-
WTS (ARGUS) VS WTI SWAP	FF	338	82.5	309.2%	6.04	5485.8%	120	180.3	-33.3%
WTS (ARGUS) VS WTI TRD MT	FH	1	45	-97.2%	38.26	-96.7%	12	55.43	-78.9%
Energy Options									
BRENT CALENDAR SWAP	BA	1	0	-	0	-	5	31.71	-83.3%
BRENT CRUDE OIL 1 M CSO	9C	0	177.5	-100.0%	0	-	0	1,067.07	-100.0%
BRENT OIL LAST DAY	BE	357	597	-40.2%	206.52	72.8%	317	523.59	-39.4%
BRENT OIL LAST DAY	BZO	508	1,193.55	-57.4%	822.83	-38.3%	574	1,152.59	-50.2%
COAL API2 INDEX	F2C	5	5.2	1.2%	0	-	2	3.95	-48.4%
COAL API2 INDEX	F2Q	0	0	-	0	-	0	1.22	-100.0%
CRUDE OIL 1MO	WA	4,213	2,976.6	41.5%	921.74	357.1%	2,335	4,586.23	-49.1%
CRUDE OIL APO	AO	2,494	488.55	410.5%	1,042.7	139.2%	1,364	1,195.51	14.1%
CRUDE OIL OUTRIGHTS	ECCL	619	0	-	281.04	120.3%	418	0	-
CRUDE OIL PHY	LC	2,361	2,746.1	-14.0%	2,207.39	6.9%	1,895	2,432.61	-22.1%
CRUDE OIL PHY	LO	112,329	95,601.05	17.5%	130,821.26	-14.1%	110,462	137,877.37	-19.9%
CRUDE OIL PHY	LO1	2,135	659.35	223.8%	1,356.22	57.4%	2,045	1,687.16	21.2%
CRUDE OIL PHY	LO2	2,332	884.2	163.8%	1,733.65	34.5%	2,036	1,022.85	99.0%

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Energy Options									
CRUDE OIL PHY	LO3	1,982	2.5	79196.8%	1,471.3	34.7%	1,594	899.46	77.2%
CRUDE OIL PHY	LO4	2,015	907.95	121.9%	2,957.43	-31.9%	2,232	1,728.22	29.2%
CRUDE OIL PHY	LO5	0	893.8	-100.0%	2,646.74	-100.0%	752	218.01	244.7%
CRUDE OIL PHY	MCO	669	0	-	933.7	-28.4%	841	0	-
CRUDE OIL PHY	MW1	59	0	-	55.35	7.3%	66	0	-
CRUDE OIL PHY	MW2	46	0	-	83.09	-44.6%	76	0	-
CRUDE OIL PHY	MW3	59	0	-	131.7	-54.8%	80	0	-
CRUDE OIL PHY	MW4	69	0	-	133.04	-48.2%	142	0	-
CRUDE OIL PHY	MW5	0	0	-	77.7	-100.0%	22	0	-
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	116	91.15	27.6%	96.26	20.8%	100	188.13	-47.0%
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0.37	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	12.5	-100.0%	0	-	0	3.05	-100.0%
HEATING OIL PHY	LB	1	0	-	1.04	41.2%	1	4.66	-86.2%
HEATING OIL PHY	OH	527	337.4	56.1%	662.3	-20.5%	710	685.21	3.6%
HENRY HUB FINANCIAL LAST	E7	424	219.85	92.9%	349	21.5%	581	315.45	84.2%
HENRY HUB FINANCIAL LAST	ECNG	206	0	-	110.61	86.0%	183	0	-
HO 1 MONTH CLNDR OPTIONS	FA	355	8.75	3960.1%	45.65	678.2%	135	10.67	1161.1%
LLS CRUDE OIL	HTO	0	0	-	0	-	0	14.63	-100.0%
LLS CRUDE OIL	WTO	63	0	-	0	-	37	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	0	0	-
NATURAL GAS	LN1	0	0	-	0	-	0	2.68	-100.0%
NATURAL GAS	LN2	0	0	-	0	-	1	7.34	-83.2%
NATURAL GAS	LN3	0	0.3	-100.0%	0	-	0	12.54	-100.0%
NATURAL GAS	LN4	0	0.05	-100.0%	0	-	0	18.48	-100.0%
NATURAL GAS	LN5	0	0.1	-100.0%	0	-	0	0.02	-100.0%
NATURAL GAS 1 M CSO FIN	G4	3,447	3,222.5	7.0%	1,467.39	134.9%	3,839	6,185.88	-37.9%
NATURAL GAS 2 M CSO FIN	G2	0	450	-100.0%	0	-	0	109.76	-100.0%
NATURAL GAS 3 M CSO FIN	G3	7,682	1,747.5	339.6%	3,691.3	108.1%	3,643	1,415.24	157.4%
NATURAL GAS 5 M CSO FIN	G5	39	645	-93.9%	278.26	-85.8%	107	564.02	-81.1%
NATURAL GAS 6 M CSO FIN	G6	0	0	-	777.17	-100.0%	806	821.95	-2.0%
NATURAL GAS OPT	JFO	0	0	-	0	-	0	3.66	-100.0%
NATURAL GAS OPT	JKO	0	53.75	-100.0%	0	-	0	35.67	-100.0%
NATURAL GAS OPT	TFO	0	0	-	0	-	0	8.54	-100.0%
NATURAL GAS OPTION ON CALENDAR STR	6J	0	0	-	0	-	0	7.32	-100.0%

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Commodity		ADV APR 2023	ADV APR 2022	% CHG	ADV MAR 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Energy Options									
NATURAL GAS PHY	KD	26	15	75.4%	13.04	101.8%	16	23.78	-32.5%
NATURAL GAS PHY	LN	141,481	122,600.65	15.4%	116,984	20.9%	123,838	107,968.3	14.7%
NATURAL GAS PHY	ON	4,903	4,340.2	13.0%	2,909.48	68.5%	3,646	4,880.48	-25.3%
NATURAL GAS PHY	ON3	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	281	136.25	106.3%	285.39	-1.5%	170	100.28	69.0%
PETROCHEMICALS	4H	0	15	-100.0%	0	-	4	9.78	-59.9%
PETROCHEMICALS	4J	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	3	0	-	0	-	1	4.57	-83.8%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	RA	0	3	-100.0%	0	-	0	2.28	-100.0%
RBOB PHY	OB	212	54.9	285.5%	239.13	-11.5%	167	139.24	20.3%
RBOB PHY	RF	1	21	-94.7%	0	-	0	7.68	-96.6%
SHORT TERM	U11	0	0	-	0	-	0	0	-
SHORT TERM	U12	0	0	-	0	-	0	0	-
SHORT TERM	U13	13	0	-	10.87	21.1%	9	1.22	608.7%
SHORT TERM	U14	5	17.5	-69.9%	0	-	1	5.49	-77.5%
SHORT TERM	U15	0	0	-	0	-	0	0	-
SHORT TERM	U22	0	0	-	0	-	0	2.44	-100.0%
SHORT TERM	U23	0	0	-	0	-	1	0	-
SHORT TERM	U24	0	0	-	0	-	0	0	-
SHORT TERM	U25	0	0	-	0	-	0	2.44	-100.0%
SHORT TERM	U26	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U01	0	0	-	0	-	2	2.44	-24.1%
SHORT TERM NATURAL GAS	U03	0	0	-	180.43	-100.0%	51	0	-
SHORT TERM NATURAL GAS	U04	5	0	-	0	-	1	1.22	1.2%
SHORT TERM NATURAL GAS	U05	32	0	-	0	-	7	0	-
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	2	1.22	51.9%
SHORT TERM NATURAL GAS	U07	0	20	-100.0%	0	-	0	6.71	-100.0%
SHORT TERM NATURAL GAS	U08	0	2.5	-100.0%	0	-	0	1.83	-100.0%
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	5	2.44	102.5%
SHORT TERM NATURAL GAS	U16	0	0	-	4.35	-100.0%	1	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U18	0	10	-100.0%	0	-	0	3.66	-100.0%

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Commodity	ADV APR 2023	ADV APR 2022	% CHG	ADV MAR 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Energy Options								
SHORT TERM NATURAL GAS U19	0	0	-	0	-	4	0	-
SHORT TERM NATURAL GAS U20	0	0	-	0	-	3	0	-
SHORT TERM NATURAL GAS U21	0	25	-100.0%	0	-	0	6.1	-100.0%
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	-	4.35	-100.0%	2	0	-
SHORT TERM NATURAL GAS U31	0	0	-	60.87	-100.0%	19	1.22	1418.4%
WTI-BRENT BULLET SWAP BV	1,372	1,165	17.8%	684.78	100.4%	794	1,513.11	-47.5%
WTI CRUDE OIL 1 M CSO FI 7A	7,979	2,952.5	170.3%	2,750	190.2%	3,506	2,139.63	63.8%
TOTAL FUTURES GROUP								
Energy Futures	1,790,778	1,730,029.75	3.5%	1,827,897.61	-2.0%	1,814,135	2,101,162.62	-13.7%
Metals Futures	534,963	410,565.95	30.3%	599,316.22	-10.7%	554,954	495,173.35	12.1%
TOTAL FUTURES	2,325,741	2,140,595.7	8.6%	2,427,213.83	-4.2%	2,369,088.84	2,596,335.98	-8.8%
TOTAL OPTIONS GROUP								
Energy Options	301,429	245,300.7	22.9%	279,489.09	7.9%	269,647	281,670.38	-4.3%
Metals Options	80,959	57,311.5	41.3%	100,460.78	-19.4%	86,754	67,511.76	28.5%
TOTAL OPTIONS	382,388	302,612.2	26.4%	379,949.87	0.6%	356,400.54	349,182.13	2.1%
TOTAL COMBINED								
Metals	615,922	467,877.45	31.6%	699,777	-12.0%	641,708	562,685.11	14.0%
Energy	2,092,208	1,975,330.45	5.9%	2,107,386.7	-0.7%	2,083,782	2,382,833	-12.6%
GRAND TOTAL	2,708,130	2,443,207.9	10.8%	2,807,163.7	-3.5%	2,725,489.38	2,945,518.11	-7.5%