

NYMEX/COMEX Exchange ADV Report - Monthly

August 2023

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Commodity		ADV AUG 2023	ADV AUG 2022	% CHG	ADV JUL 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Metals Futures									
COMEX GOLD	GC	153,322	149,470	2.6%	257,309.6	-40.4%	231,447	221,907.78	4.3%
NYMEX HOT ROLLED STEEL	HR	883	916.04	-3.6%	1,263.2	-30.1%	1,324	1,073.14	23.4%
NYMEX PLATINUM	PL	21,402	16,260.26	31.6%	17,901.7	19.6%	22,213	19,336.51	14.9%
PALLADIUM	PA	5,345	2,412.61	121.6%	2,415	121.3%	3,274	2,258.4	45.0%
URANIUM	UX	0	0	-	0	-	0	0.14	-100.0%
COMEX SILVER	SI	81,279	68,298.87	19.0%	59,497.7	36.6%	73,966	68,254.03	8.4%
COMEX E-Mini GOLD	QO	821	972.7	-15.6%	1,252.85	-34.4%	1,668	1,424.98	17.0%
COMEX E-Mini SILVER	QI	179	152.39	17.7%	189.15	-5.2%	277	184.04	50.8%
COMEX COPPER	HG	110,439	92,082.17	19.9%	88,181.25	25.2%	105,379	85,011.29	24.0%
COMEX MINY COPPER	QC	233	164.87	41.2%	198.3	17.4%	277	174.24	58.7%
ALUMINUM	AEP	0	149.78	-99.7%	129.8	-99.7%	97	92.66	4.8%
ALUMINUM	ALA	0	1.3	-100.0%	0	-	1	10.63	-86.5%
ALUMINUM	ALI	3,955	1,819.09	117.4%	4,000.25	-1.1%	3,713	1,275.9	191.0%
ALUMINUM	AUP	205	493	-58.4%	263.2	-22.1%	293	329.01	-10.9%
ALUMINUM	EDP	37	289.78	-87.2%	339	-89.1%	194	231.08	-16.2%
ALUMINUM	MJP	0	13.04	-96.7%	0	-	5	16.41	-71.9%
COBALT METAL FUTURES	COB	57	26.57	116.0%	140.9	-59.3%	128	42.22	202.2%
COPPER	HGS	43	85.48	-49.8%	49.7	-13.7%	76	86.46	-12.0%
COPPER	MHG	4,590	3,126.39	46.8%	4,522.65	1.5%	5,179	1,670.92	209.9%
FERROUS PRODUCTS	BUS	47	89.09	-47.5%	37.4	25.0%	49	122.54	-60.0%
FERROUS PRODUCTS	FSF	1	0	-	0.45	15.9%	1	0	-
GOLD	SGC	5	46.57	-89.3%	0.9	455.6%	12	41.33	-71.1%
GOLD	SGU	6	115.17	-94.8%	1.65	263.6%	13	298.96	-95.7%
HOT ROLLED COIL STEEL FUTURES	EHR	171	260.7	-34.6%	204.2	-16.5%	247	146.15	69.2%
IRON ORE CHINA	TIO	33	95.78	-65.0%	3.05	997.6%	14	69.84	-79.4%
LITHIUM CARBONATE FUTURES	LTC	0	0	-	0.4	-100.0%	0	0	-
METALS	HDG	0	1.96	-100.0%	0	-	9	2.95	190.9%
METALS	LTH	106	0	-	87.25	21.3%	39	0	-
METALS	PAC	0	0	-	0	-	3	7.78	-61.5%
MICRO GOLD	MGC	45,770	40,120.83	14.1%	63,161	-27.5%	68,720	52,044.2	32.0%
MOLYBDENUM OXIDE FUTURES	MOX	6	0	-	1	469.6%	5	0	-
SILVER	SIL	9,015	6,197.09	45.5%	10,434.25	-13.6%	10,518	7,645.05	37.6%

Metals Options

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		AUG 2023	AUG 2022		JUL 2023		Y.T.D 2023	Y.T.D 2022	
Metals Options									
ALUMINUM	ALO	0	0	-	0	-	0	0	-
ALUMINUM	AX	40	0	-	66	-38.8%	53	0	-
COMEX COPPER	HX	4,764	4,257.91	11.9%	5,972.3	-20.2%	6,231	3,880.42	60.6%
COMEX GOLD	ECGC	206	0	-	198.3	3.8%	298	0	-
COMEX GOLD	OG	32,460	25,951.13	25.1%	36,161.6	-10.2%	46,049	40,679.78	13.2%
COMEX SILVER	ECSI	27	0	-	195.95	-86.3%	194	0	-
COMEX SILVER	SO	6,517	3,655.61	78.3%	7,191.15	-9.4%	7,552	5,001.77	51.0%
COPPER	ECHG	18	0	-	51.5	-65.0%	150	0	-
COPPER	H1E	78	15.39	408.2%	55.8	40.2%	45	7.86	471.6%
COPPER	H1M	47	0	-	4.35	971.5%	15	1.66	792.0%
COPPER	H1W	185	15.04	1132.4%	40.5	357.8%	43	5.63	670.0%
COPPER	H2E	26	5.04	424.1%	20	32.2%	37	11.01	232.4%
COPPER	H2M	10	6.3	58.6%	18.7	-46.5%	18	3.09	475.6%
COPPER	H2W	8	2.43	212.5%	13.8	-44.9%	18	1.71	973.0%
COPPER	H3E	25	3.91	542.2%	33.5	-25.0%	35	10.64	227.5%
COPPER	H3M	13	2.39	452.7%	29.75	-55.6%	12	3.47	234.7%
COPPER	H3W	10	1.91	409.1%	34.3	-71.6%	16	1.31	1152.6%
COPPER	H4E	23	9.04	159.6%	28.15	-16.6%	21	11.56	82.2%
COPPER	H4M	1	5.7	-84.0%	7	-87.0%	10	1.81	434.4%
COPPER	H4W	6	1.96	188.9%	6	-5.8%	8	1.5	416.0%
COPPER	H5E	0	0	-	0	-	4	2.87	30.9%
COPPER	H5M	0	9.52	-100.0%	21.45	-100.0%	4	1.31	183.1%
COPPER	H5W	55	23.3	134.7%	0	-	11	4.27	159.3%
GOLD	G1M	336	33.65	897.5%	170.45	96.9%	477	62.34	665.9%
GOLD	G1W	477	338.7	40.7%	779.55	-38.9%	527	132.93	296.1%
GOLD	G2M	391	239.91	63.1%	508.1	-23.0%	523	126.91	311.9%
GOLD	G2W	480	254.74	88.5%	872.3	-45.0%	550	103.17	432.8%
GOLD	G3M	450	185.78	142.1%	320.45	40.3%	359	64.71	455.2%
GOLD	G3W	404	195.13	107.2%	460.6	-12.2%	522	134.69	287.9%
GOLD	G4M	34	132	-74.1%	298.1	-88.5%	321	54.44	489.6%
GOLD	G4W	386	211.83	82.2%	34.8	1008.8%	367	96.6	280.2%
GOLD	G5M	0	201.96	-100.0%	332.05	-100.0%	87	27.81	213.6%
GOLD	G5W	388	263.7	47.2%	0	-	163	83.87	94.0%
GOLD	OG1	2,110	2,170.91	-2.8%	1,786.35	18.1%	2,232	2,306.99	-3.3%
GOLD	OG2	1,613	1,598.52	0.9%	2,305.75	-30.0%	2,489	2,299.7	8.2%

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Metals Options									
GOLD	OG3	1,663	1,429.39	16.3%	1,513.15	9.9%	2,419	2,323.57	4.1%
GOLD	OG4	1,294	959.13	34.9%	1,877.3	-31.1%	1,597	1,885.52	-15.3%
GOLD	OG5	0	0	-	0	-	446	468.27	-4.8%
IRON ORE CHINA	ICT	0	13.04	-100.0%	0	-	0	1.8	-100.0%
NYMEX HOT ROLLED STEEL	HRO	103	39.13	163.3%	96.9	6.3%	110	73.95	48.2%
NYMEX PLATINUM	PO	572	156.52	265.4%	750.7	-23.8%	788	263.4	199.1%
PALLADIUM	PAO	20	0.52	3767.0%	21.85	-7.7%	42	0.74	5541.7%
SILVER	M1S	44	0.83	5263.1%	39.05	13.5%	63	4.11	1441.5%
SILVER	M2S	153	15.83	865.9%	77.5	97.3%	93	9.09	921.1%
SILVER	M3S	127	12	957.6%	69.6	82.3%	50	5.05	883.9%
SILVER	M4S	6	10.91	-47.4%	45.8	-87.5%	36	4.53	704.2%
SILVER	M5S	0	8.78	-100.0%	84.1	-100.0%	14	1.21	1033.2%
SILVER	SO1	389	214.04	81.7%	258.5	50.5%	357	221.51	61.1%
SILVER	SO2	357	161.74	120.4%	423.5	-15.8%	393	245.5	60.1%
SILVER	SO3	313	133.52	134.3%	286.45	9.2%	319	177.75	79.7%
SILVER	SO4	288	199.61	44.2%	371.75	-22.6%	219	162.35	34.8%
SILVER	SO5	0	0	-	0	-	73	32.78	123.1%
SILVER	W1S	112	13.43	735.6%	184.7	-39.2%	98	7.45	1217.9%
SILVER	W2S	78	8.26	846.3%	94	-16.8%	76	5.34	1319.3%
SILVER	W3S	84	10.17	724.4%	63.35	32.4%	74	6.05	1129.5%
SILVER	W4S	72	4.35	1551.0%	7.25	890.1%	42	3.28	1190.7%
SILVER	W5S	106	18.87	460.1%	0	-	26	4.53	481.3%
Energy Futures									
CRUDE OIL PHY	CL	819,187	764,249.74	7.2%	819,134	0.0%	814,418	869,111.8	-6.3%
CRUDE OIL	WS	0	43.48	-100.0%	0	-	0	5.99	-100.0%
MINY WTI CRUDE OIL	QM	11,131	28,176.83	-60.5%	13,436.8	-17.2%	15,197	30,244.23	-49.8%
BRENT OIL LAST DAY	BZ	55,894	57,812	-3.3%	53,226.2	5.0%	56,122	71,889.85	-21.9%
HEATING OIL PHY	HO	174,048	143,599.83	21.2%	155,243.1	12.1%	154,364	161,707.47	-4.5%
HTG OIL	BH	0	0	-	1.8	-100.0%	1	0.43	16.7%
MINY HTG OIL	QH	1	0.43	20.0%	0.25	108.7%	1	0.4	25.4%
RBOB PHY	RB	189,799	141,312.7	34.3%	187,449.8	1.3%	178,898	176,571.47	1.3%

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Energy Futures										
MINY RBOB GAS	QU	0	0.61	-50.0%	0.3	1.4%	0	0.44	1.4%	
NATURAL GAS	HP	8,765	5,595.83	56.6%	6,806.75	28.8%	9,179	8,535.58	7.5%	
LTD NAT GAS	HH	16,641	13,127.13	26.8%	13,477.05	23.5%	16,809	16,899.59	-0.5%	
MINY NATURAL GAS	QG	8,340	16,712.52	-50.1%	7,409.95	12.6%	11,317	15,732.33	-28.1%	
NATURAL GAS PHY	NG	376,529	253,432.35	48.6%	323,929	16.2%	400,923	353,594.35	13.4%	
RBOB GAS	RT	0	0	-	0.6	-100.0%	0	0.29	0.0%	
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-	
ARGUS LLS VS. WTI (ARG) T	E5	210	430.43	-51.2%	112	87.5%	187	293.32	-36.4%	
ARGUS PROPAN FAR EST INDE	7E	434	271.13	60.1%	410.65	5.7%	413	272.68	51.5%	
ARGUS PROPAN(SAUDI ARAMCO	9N	126	61.57	104.9%	124.65	1.2%	136	92.92	46.8%	
BRENT BALMO SWAP	J9	2	0	-	0.75	189.9%	1	9.5	-94.6%	
BRENT CALENDAR SWAP	CY	550	1,104.22	-50.2%	215.5	155.4%	432	765.1	-43.5%	
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	2	1.44	37.5%	
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-	
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-	
CAR VINTAGE	GEO	108	212.78	-49.4%	221	-51.3%	455	143.29	217.4%	
CAR VINTAGE	NGO	220	679.61	-67.7%	233.35	-5.9%	289	614.46	-53.0%	
CEU ENERGY	TFU	0	0	-	16.5	-100.0%	2	0	-	
CEU ENERGY	TTG	7	0	-	0	-	1	0	-	
CHICAGO ETHANOL SWAP	CU	3,354	3,136.09	6.9%	3,589.25	-6.6%	3,535	2,866.19	23.3%	
CHICAGO ULSD PL VS HO SPR	5C	16	19.78	-19.8%	120.75	-86.9%	52	27.35	89.3%	
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	0	-	
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	6	34.57	-82.3%	1.8	240.6%	4	15.07	-75.1%	
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	36	4.78	649.1%	16.65	115.2%	17	15.88	7.7%	
CONWAY PROPANE 5 DECIMALS SWAP	8K	819	753.74	8.7%	896.1	-8.6%	918	752.43	22.1%	
CRUDE OIL LAST DAY	26	13	5.87	121.5%	6	116.7%	18	18.45	-3.0%	
CRUDE OIL OUTRIGHTS	42	37	33.04	13.3%	44.15	-15.2%	21	45.54	-53.2%	
CRUDE OIL OUTRIGHTS	CC5	0	0	-	0	-	0	9.38	-100.0%	
CRUDE OIL OUTRIGHTS	CSW	0	0	-	0	-	0	7.54	-100.0%	
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	0	0.63	-100.0%	
CRUDE OIL OUTRIGHTS	HTT	7,813	4,072.61	91.9%	6,010.45	30.0%	6,937	3,466.68	100.1%	
CRUDE OIL OUTRIGHTS	LSW	0	3.26	-100.0%	0	-	1	23.38	-97.4%	
CRUDE OIL OUTRIGHTS	WCW	0	8.7	-100.0%	0	-	0	100.18	-100.0%	
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-	
CRUDE OIL PHY	MCL	84,306	128,243.78	-34.3%	84,944.6	-0.8%	92,377	126,840.38	-27.2%	

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Energy Futures									
CRUDE OIL SPRDS	ANT	32	24.13	32.3%	120.15	-73.4%	36	39.14	-8.7%
CRUDE OIL SPRDS	BKT	0	0	-	0	-	4	0	-
CRUDE OIL SPRDS	HIL	0	0	-	0	-	0	19.49	-100.0%
CRUDE OIL SPRDS	WTT	2,709	2,374.74	14.1%	2,256.25	20.1%	3,084	2,451.18	25.8%
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	WOR	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	FY	0	0	-	0	-	0	13.29	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.03	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	17	0	-	20	-13.0%	5	11.98	-60.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	2,902	7.3	39631.8%	1,448.7	100.3%	811	87.2	829.8%
EIA FLAT TAX ONHWAY DIESE	A5	0	0.96	-100.0%	0	-	5	5.02	-6.8%
EMMISSIONS	CGO	60	235.61	-74.6%	160.95	-62.7%	104	89.5	16.4%
ETHANOL	MTH	0	0	-	0	-	0	0.06	-100.0%
ETHANOL	Z1B	0	0	-	0.5	-100.0%	0	0	-
ETHANOL SWAP	MT2	5	4.13	15.8%	7	-31.7%	15	9.16	60.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	148	234.7	-36.9%	209	-29.1%	200	146.83	36.2%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-	1	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0	-
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-	0	7	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	-	0	-	1	3.27	-58.8%
EUROPEAN GASOIL (ICE)	7F	0	21.83	-100.0%	0	-	2	78.45	-98.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0.22	0.0%	1.25	-82.6%	1	0.94	-40.1%
EUROPEAN NAPHTHA CRACK SPR	EN	155	79.7	94.4%	163.15	-5.0%	156	116.05	34.1%
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	UN	43	20	117.4%	31.8	36.7%	46	31.08	48.1%
EURO PROPANE CIF ARA SWA	PS	71	73.48	-3.8%	111.75	-36.8%	92	78.05	18.0%
FREIGHT MARKETS	BL2	2	2.61	-8.3%	0.75	218.8%	8	2.43	209.9%
FREIGHT MARKETS	CS3	0	0	-	0	-	0	0.06	-100.0%
FREIGHT MARKETS	CS4	0	0	-	0	-	0	2.16	-80.6%
FREIGHT MARKETS	FLJ	2	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	1	0.26	316.6%	0	-	0	1.37	-76.3%

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Energy Futures										
FREIGHT MARKETS	FRC	0	1.57	-100.0%	0	-	0	0.22	-100.0%	
FREIGHT MARKETS	T2D	0	0	-	0	-	0	4.24	-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	0	-	0	-	0	7.14	-100.0%	
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.4	-54.6%	
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-	
GAS EURO-BOB OXY NWE BARGES	7H	25	11.17	119.8%	26.2	-6.2%	14	11.02	31.1%	
GAS EURO-BOB OXY NWE BARGES CRK	7K	125	74.57	67.5%	17.7	605.5%	79	131.81	-39.8%	
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.27	-100.0%	
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.06	-100.0%	
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.04	0.0%	0	-	0	0.4	-98.5%	
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0	-	
GASOIL CALENDAR SWAP	GX	0	0.78	-100.0%	0	-	0	5.74	-95.3%	
GASOIL CRACK SPREAD CALEN	GZ	0	4.57	-100.0%	0	-	3	65.55	-95.2%	
GASOIL MINI CALENDAR SWAP	QA	9	4.35	107.0%	10.4	-13.5%	10	15.63	-36.8%	
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0	-	0	0	-	
GRP THREE ULSD(PLT)VS HEA	A6	245	97.48	151.4%	284.75	-13.9%	209	226.51	-7.9%	
GRP THREE UNL GS (PLT) VS	A8	223	76.52	191.5%	101.5	119.8%	133	163.96	-19.1%	
GULF COAST 3% FUEL OIL BA	VZ	0	5.22	-100.0%	0	-	0	5.79	-100.0%	
GULF COAST JET VS NYM 2 H	ME	408	322.83	26.3%	582.25	-30.0%	475	508.59	-6.6%	
GULF COAST NO.6 FUEL OIL	MF	37	278.57	-86.8%	127.95	-71.3%	202	173.73	16.5%	
GULF COAST NO.6 FUEL OIL	MG	417	353.39	18.0%	769.8	-45.8%	658	331.93	98.1%	
GULF COAST ULSD CALENDAR	LY	0	2.22	-100.0%	0	-	5	4.66	10.7%	
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-	
HEATING OIL BALMO CLNDR S	1G	0	10.13	-100.0%	4.65	-100.0%	8	20.38	-63.1%	
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.76	-100.0%	
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-	
HEATING OIL PHY	MHO	0	0.17	-25.0%	0	-	0	0.06	29.9%	
HENRY HUB SWAP	NN	1,169	1,324.96	-11.8%	897	30.3%	1,551	1,313.22	18.1%	
ICE BRENT DUBAI SWAP	DB	7	0	-	0	-	2	13.13	-84.5%	
INDONESIAN COAL ICI4	ICI	0	0	-	0	-	0	0	-	
JAPAN C&F NAPHTHA CRACK S	JB	0	5.04	-100.0%	0	-	0	2.56	-98.8%	
JAPAN C&F NAPHTHA SWAP	JA	9	3.09	188.7%	3.35	166.1%	8	6.02	32.6%	
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0.04	100.3%	

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		ADV AUG 2023	ADV AUG 2022	% CHG	ADV JUL 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Futures										
JET CIF NWE VS ICE	JC	0	1.17	-100.0%	0	-	1	8.83	-87.4%	
JET FUEL UP-DOWN BALMO CL	1M	37	4.35	760.0%	79.5	-53.0%	47	88.42	-46.4%	
JKM LNG Futures	JKM	0	0	-	0	-	0	12.9	-100.0%	
LA CARB DIESEL (OPIS) SWA	KL	8	0	-	5	65.2%	15	13.12	16.8%	
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	1	0	-	
LA JET (OPIS) SWAP	JS	27	0	-	18	48.6%	28	19.61	42.9%	
LLS (ARGUS) VS WTI SWAP	WJ	0	0	-	0	-	4	0.56	534.4%	
MARS (ARGUS) VS WTI SWAP	YX	0	3.26	-100.0%	0	-	0	10.09	-100.0%	
MARS (ARGUS) VS WTI TRD M	YV	506	689.3	-26.6%	534.5	-5.3%	804	735.33	9.4%	
MCCLOSKEY ARA ARGS COAL	MTF	35	113.04	-69.2%	29.4	18.5%	46	297.52	-84.4%	
MCCLOSKEY RCH BAY COAL	MFF	0	19.48	-100.0%	0	-	0	20.59	-99.7%	
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	0.43	-100.0%	5.5	-100.0%	1	1.46	-46.5%	
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-	1	0.3	320.0%	
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	8	3.48	137.5%	0	-	7	16.85	-60.2%	
MJC FUT	MJC	0	0	-	0	-	0	0	-	
MNC FUT	MNC	37	88.22	-58.4%	23.95	53.2%	49	81.71	-40.0%	
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,227	1,578.3	-22.2%	2,294.85	-46.5%	1,576	1,712.74	-8.0%	
MONT BELVIEU ETHANE OPIS BALMO	8C	31	48.52	-35.9%	4	677.2%	31	43.77	-28.3%	
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	10,327	6,234.48	65.6%	10,447	-1.2%	11,032	7,853.46	40.5%	
MONT BELVIEU LDH PROPANE OPIS BALM	8O	49	51.3	-4.7%	131.05	-62.7%	108	138.65	-21.8%	
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	1,075	1,366.17	-21.3%	1,137.8	-5.5%	1,226	1,165.24	5.2%	
MONT BELVIEU NATURAL GASOLINE BALM	R0	13	86.48	-85.3%	33.4	-62.0%	67	69.9	-3.8%	
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	3,688	2,464.48	49.7%	4,115.1	-10.4%	3,333	2,532.57	31.6%	
MONT BELVIEU NORMAL BUTANE BALMO	8J	33	43.13	-23.0%	34.8	-4.5%	53	70.31	-24.9%	
NATURAL GAS	NWM	0	0	-	16.5	-100.0%	3	0	-	
NATURAL GAS PEN SWP	NP	928	1,347.13	-31.1%	735.75	26.1%	1,054	2,301.95	-54.2%	
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	28	25.65	10.2%	63.25	-55.3%	34	40.13	-14.3%	
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	57	57.43	-1.2%	79.5	-28.6%	111	56.01	97.3%	
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	0	-	

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		ADV AUG 2023	ADV AUG 2022	% CHG	ADV JUL 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Futures										
NY HARBOR RESIDUAL FUEL 1	MM	0	7.61	-100.0%	0	-	4	7.49	-40.0%	
NYH NO 2 CRACK SPREAD CAL	HK	130	26.52	390.2%	182.25	-28.7%	179	91.35	95.5%	
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	0	-	
NY ULSD (ARGUS) VS HEATING OIL	7Y	34	30.78	11.9%	55.05	-37.4%	63	25.68	144.8%	
PETROCHEMICALS	22	6	6.65	-9.2%	7.15	-15.5%	8	6.55	23.8%	
PETROCHEMICALS	32	1	1.26	-10.3%	2.85	-60.3%	3	1.85	87.4%	
PETROCHEMICALS	3NA	3	1.3	96.7%	0.4	541.3%	3	1.25	105.8%	
PETROCHEMICALS	51	1	0	-	0.65	100.7%	0	0.09	186.7%	
PETROCHEMICALS	81	0	0	-	0	-	0	2.54	-85.8%	
PETROCHEMICALS	8I	28	25.04	12.7%	12.9	118.7%	31	41.34	-24.2%	
PETROCHEMICALS	91	21	7.43	181.3%	16.5	26.7%	20	13.92	42.1%	
PETROCHEMICALS	MAA	6	0.43	1300.0%	5.5	10.7%	7	2.57	169.8%	
PETROCHEMICALS	MAE	57	60.87	-6.4%	74.3	-23.3%	70	53.17	31.4%	
PETROCHEMICALS	MAS	46	14.35	220.6%	22.65	103.1%	26	18.44	40.8%	
PETROCHEMICALS	MBE	0	0	-	5.5	-100.0%	4	3.65	18.0%	
PETROCHEMICALS	MNB	0	0	-	0	-	0	0.09	-100.0%	
PETROCHEMICALS	MPS	15	11.13	37.9%	39.1	-60.7%	24	11.01	119.7%	
PETROCHEMICALS	PMF	2	0	-	0	-	0	0.07	474.7%	
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0	-	
PETRO CRCKS & SPRDS NA	CRB	792	754.39	4.9%	825.5	-4.1%	603	837.29	-28.0%	
PETRO CRCKS & SPRDS NA	EXR	20	3.35	497.4%	3.3	506.1%	12	14.72	-17.9%	
PETRO CRCKS & SPRDS NA	GBB	0	3.26	-100.0%	0	-	6	4.19	33.6%	
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-	2	0.9	150.0%	
PETRO CRCKS & SPRDS NA	GCU	0	0	-	0	-	1	1.65	-65.1%	
PETRO CRCKS & SPRDS NA	GFC	28	0	-	0	-	9	8.08	7.0%	
PETRO CRCKS & SPRDS NA	HOB	0	0	-	1.5	-100.0%	8	3.46	130.5%	
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-	
PETRO CRCKS & SPRDS NA	RBB	40	10.87	270.4%	4	906.5%	33	35.05	-6.5%	
PETRO CRCKS & SPRDS NA	RVG	80	39.3	103.2%	22.5	255.0%	66	106.59	-38.4%	
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0	-	
PETRO CRK&SPRD EURO	1NB	0	0	-	0	-	2	10.69	-85.2%	
PETRO CRK&SPRD EURO	43	0	0	-	0.4	-100.0%	1	0.72	-14.9%	
PETRO CRK&SPRD EURO	BOB	0	0.65	-100.0%	0	-	1	3.53	-79.7%	
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0	-	
PETRO CRK&SPRD EURO	EPN	21	27.87	-25.3%	22.95	-9.3%	20	18.78	8.2%	

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Energy Futures									
PETRO CRK&SPRD EURO	EVC	0	0	-	0	-	2	4.71	-52.4%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0.05	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	NOB	1	0.74	94.1%	4.7	-69.5%	5	4.86	-2.5%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-	0	0.3	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	-	0.15	-100.0%	0	0.01	50.0%
PETROLEUM PRODUCTS	CMS	0	0.87	-100.0%	0	-	6	5.63	8.5%
PETROLEUM PRODUCTS	EWG	0	44.09	-100.0%	0	-	8	23.01	-63.4%
PETROLEUM PRODUCTS	H5F	2	5.43	-56.0%	0	-	3	2.1	30.0%
PETROLEUM PRODUCTS	JCC	16	71.39	-77.2%	5	226.1%	50	66.14	-24.5%
PETROLEUM PRODUCTS	R5F	1	3.91	-77.8%	0.35	148.5%	1	2.21	-65.9%
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	0	0	-	10.5	-100.0%	1	6.87	-81.7%
PETROLEUM PRODUCTS ASIA	E6M	1	0.43	200.0%	0	-	0	0.21	28.6%
PETROLEUM PRODUCTS ASIA	MJN	8	13.04	-40.7%	7	10.6%	18	39.68	-55.1%
PETRO OUTRIGHT EURO	0B	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0D	2	1.57	0.0%	0.35	347.2%	1	1.25	-2.4%
PETRO OUTRIGHT EURO	0F	0	0	-	0	-	0	0.05	-100.0%
PETRO OUTRIGHT EURO	5L	0	0.43	-100.0%	0	-	1	0.06	799.7%
PETRO OUTRIGHT EURO	7I	0	0	-	0	-	0	1.71	-73.7%
PETRO OUTRIGHT EURO	7R	0	0	-	0.35	-100.0%	0	0.23	76.4%
PETRO OUTRIGHT EURO	CBB	0	0	-	2.5	-100.0%	0	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0.75	-100.0%	0	0.18	-50.0%
PETRO OUTRIGHT EURO	CPB	4	4.78	-22.7%	16.35	-77.4%	11	9.33	20.7%
PETRO OUTRIGHT EURO	EWN	4	3.91	5.6%	3.25	27.1%	13	4.96	168.8%
PETRO OUTRIGHT EURO	M1B	41	49.43	-16.4%	26.8	54.1%	43	54.44	-20.7%
PETRO OUTRIGHT EURO	MBN	35	10.3	243.0%	46	-23.2%	31	28.95	8.8%
PETRO OUTRIGHT EURO	MEF	1	0	-	0	-	0	0.47	-72.2%
PETRO OUTRIGHT EURO	MQA	11	2.17	420.0%	12.85	-12.0%	10	1.13	752.2%
PETRO OUTRIGHT EURO	R53	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	R5M	36	79.87	-55.1%	32.7	9.6%	53	86.56	-38.8%
PETRO OUTRIGHT EURO	R5O	24	33.04	-27.2%	27.95	-14.0%	28	49.94	-44.1%
PETRO OUTRIGHT EURO	RBM	0	0.48	-54.5%	0	-	1	0.63	0.9%
PETRO OUTRIGHT EURO	S5B	0	0	-	0	-	0	0.03	40.1%
PETRO OUTRIGHT EURO	S5F	25	3.04	732.9%	15.5	63.5%	19	5.75	223.9%

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Commodity		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	
		AUG 2023	AUG 2022		JUL 2023		Y.T.D 2023	Y.T.D 2022		
Energy Futures										
PETRO OUTFRIGHT EURO	S5M	63	96.3	-34.9%	70.2	-10.7%	80	106.92	-24.7%	
PETRO OUTFRIGHT EURO	S5O	41	69.04	-41.1%	30.1	35.2%	36	144	-75.0%	
PETRO OUTFRIGHT EURO	SMU	0	0	-	0	-	0	0	-	
PETRO OUTFRIGHT EURO	SR5	0	2.74	-100.0%	0	-	1	0.47	207.7%	
PETRO OUTFRIGHT EURO	ULB	12	0	-	0	-	3	0	-	
PETRO OUTFRIGHT EURO	V0	0	0	-	0	-	0	0	-	
PETRO OUTFRIGHT NA	A8B	2	5.43	-72.0%	13.75	-88.9%	7	11.41	-38.8%	
PETRO OUTFRIGHT NA	AB6	0	1.52	-100.0%	18.25	-100.0%	16	16.95	-6.7%	
PETRO OUTFRIGHT NA	BCR	50	170.65	-70.5%	93	-45.9%	55	133.65	-58.9%	
PETRO OUTFRIGHT NA	JE	0	0	-	0	-	0	0.36	-100.0%	
PETRO OUTFRIGHT NA	JET	118	34.78	240.6%	33.75	251.0%	83	24.61	235.4%	
PETRO OUTFRIGHT NA	JTB	12	0	-	7.5	59.4%	11	12.34	-9.0%	
PETRO OUTFRIGHT NA	MBL	0	0	-	0	-	1	4.16	-68.8%	
PETRO OUTFRIGHT NA	MEN	2	1.52	42.9%	0.3	624.6%	2	3.43	-35.8%	
PETRO OUTFRIGHT NA	MEO	0	10	-100.0%	1.75	-100.0%	6	11.55	-51.7%	
PETRO OUTFRIGHT 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	50	13.91	261.6%	31.35	60.5%	41	44.86	-8.2%	
PREMIUM UNLD 10P FOB MED	3G	0	2.22	-100.0%	0	-	0	0.66	-86.5%	
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	47	58.74	-20.2%	122.35	-61.7%	63	78.78	-19.7%	
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	1,541	412.17	273.9%	1,245.25	23.8%	1,226	616.14	99.0%	
RBOB CALENDAR SWAP	RL	323	84.87	280.3%	585.95	-44.9%	377	246.29	53.2%	
RBOB CRACK SPREAD	RM	125	40	213.0%	34.25	265.6%	111	84.32	31.5%	
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	1	0.76	-21.3%	
RBOB GASOLINE BALMO CLNDR	1D	50	13.87	259.2%	26.55	87.7%	52	68.86	-24.1%	
RBOB PHY	MRB	1	0.04	1499.3%	0.2	247.9%	0	0.16	50.0%	
RBOB PHY	RBL	0	0	-	0	-	0	0	-	
RBOB VS HEATING OIL SWAP	RH	0	0	-	0	-	0	3.32	-94.6%	
SINGAPORE 180CST BALMO	BS	0	0.09	-100.0%	0	-	0	0.01	698.3%	
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0.01	-100.0%	

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Commodity		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	
		AUG 2023	AUG 2022		JUL 2023		Y.T.D 2023	Y.T.D 2022		
Energy Futures										
SINGAPORE 380CST FUEL OIL	SE	15	0.35	4100.3%	4	265.2%	8	7.71	5.6%	
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	0.39	-100.0%	0	-	0	0.23	-38.5%	
SINGAPORE GASOIL	MAF	0	8.74	-100.0%	0.25	-100.0%	1	22.93	-93.8%	
SINGAPORE GASOIL	MTB	0	0.43	-100.0%	0	-	0	1.17	-100.0%	
SINGAPORE GASOIL	MTS	5	20.7	-75.4%	4.55	11.8%	16	16.64	-1.2%	
SINGAPORE GASOIL	SBM	0	0	-	0	-	0	1.99	-97.0%	
SINGAPORE GASOIL CALENDAR	MSG	2	0.3	585.8%	7	-70.2%	3	6.93	-59.9%	
SINGAPORE GASOIL SWAP	SG	38	7.61	399.4%	3.2	1087.5%	37	18.8	97.7%	
SINGAPORE GASOIL VS ICE	GA	0	0	-	0	-	0	23.57	-99.5%	
SINGAPORE JET KERO GASOIL	RK	0	3.13	-100.0%	0	-	0	22.31	-100.0%	
SINGAPORE JET KEROSENE SW	KS	0	0	-	0	-	0	2.43	-100.0%	
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	1	4.85	-87.7%	
SINGAPORE MOGAS 92 UNLEADED SWP	1N	47	0	-	12.6	270.6%	27	3.59	639.3%	
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	1	1.58	-34.8%	
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	1.17	-100.0%	
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	0	-	0	37.04	-100.0%	
ULSD UP-DOWN BALMO SWP	1L	223	219.13	2.0%	237	-5.7%	313	314.19	-0.5%	
UP DOWN GC ULSD VS NMX HO	LT	1,784	1,007.91	77.0%	1,583.6	12.7%	1,498	1,365.52	9.7%	
WTI-BRENT CALENDAR SWAP	BK	2,925	1,592.74	83.6%	2,448.3	19.5%	2,473	2,587.63	-4.4%	
WTI CALENDAR	CS	2,840	2,702.39	5.1%	3,069.9	-7.5%	2,963	3,051.16	-2.9%	
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	11	0	-	
WTS (ARGUS) VS WTI SWAP	FF	406	170.22	138.5%	71.25	469.7%	166	136.39	21.4%	
WTS (ARGUS) VS WTI TRD MT	FH	26	19.57	33.3%	33	-20.9%	15	37.93	-60.4%	
Energy Options										
BRENT CALENDAR SWAP	BA	24	1.83	1200.0%	27.3	-13.0%	13	18.73	-30.9%	
BRENT CRUDE OIL 1 M CSO	9C	0	521.74	-100.0%	0	-	4	606.29	-99.4%	
BRENT OIL LAST DAY	BE	0	0	-	0	-	169	540.94	-68.8%	
BRENT OIL LAST DAY	BZO	430	521	-17.4%	383.85	12.1%	506	909.73	-44.4%	
COAL API2 INDEX	F2C	0	0	-	0	-	2	2.34	-28.2%	
COAL API2 INDEX	F2Q	0	0	-	0	-	0	0.6	-100.0%	
CRUDE OIL 1MO	WA	5,230	1,882.7	177.8%	4,537.5	15.3%	2,833	3,203.94	-11.6%	

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Commodity	August 2023			August 2022			August 2021		
	ADV AUG 2023	ADV AUG 2022	% CHG	ADV JUL 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Options									
CRUDE OIL APO	AO	1,430	1,077.04	32.7%	1,350.1	5.9%	1,337	1,052.76	27.0%
CRUDE OIL OUTRIGHTS	ECCL	292	0	-	201.25	45.3%	304	0	-
CRUDE OIL PHY	LC	808	1,300	-37.8%	848.1	-4.7%	1,292	1,812.8	-28.7%
CRUDE OIL PHY	LO	110,659	98,126.26	12.8%	103,395.05	7.0%	112,651	120,343.67	-6.4%
CRUDE OIL PHY	LO1	2,985	2,277.17	31.1%	3,044.85	-2.0%	2,402	1,558.04	54.1%
CRUDE OIL PHY	LO2	2,197	1,531.17	43.5%	2,546.4	-13.7%	2,239	1,134.17	97.4%
CRUDE OIL PHY	LO3	1,630	892.96	82.5%	2,163.5	-24.7%	1,633	811.43	101.2%
CRUDE OIL PHY	LO4	2,362	1,606.96	47.0%	2,172.95	8.7%	2,149	1,541.02	39.5%
CRUDE OIL PHY	LO5	0	0	-	0	-	754	264.4	185.1%
CRUDE OIL PHY	MCO	1,014	315.3	221.5%	639.1	58.6%	804	96.33	734.6%
CRUDE OIL PHY	ML1	289	0	-	0.1	288639.1%	40	0	-
CRUDE OIL PHY	ML2	267	0	-	0	-	37	0	-
CRUDE OIL PHY	ML3	353	0	-	0	-	49	0	-
CRUDE OIL PHY	ML4	349	0	-	0	-	48	0	-
CRUDE OIL PHY	MW1	190	117.17	61.8%	75.65	150.6%	89	20.17	342.1%
CRUDE OIL PHY	MW2	66	106.39	-38.2%	93.7	-29.8%	79	21.79	264.4%
CRUDE OIL PHY	MW3	26	58.96	-56.6%	57	-55.1%	64	9.07	609.8%
CRUDE OIL PHY	MW4	73	86.52	-15.3%	58.9	24.5%	107	29.96	257.9%
CRUDE OIL PHY	MW5	0	0	-	0	-	28	9.2	202.5%
CRUDE OIL PHY	WL1	178	0	-	0	-	25	0	-
CRUDE OIL PHY	WL2	329	0	-	0.05	657726.0%	45	0	-
CRUDE OIL PHY	WL3	397	0	-	0	-	55	0	-
CRUDE OIL PHY	WL4	397	0	-	0	-	55	0	-
CRUDE OIL PHY	WL5	557	0	-	0	-	77	0	-
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	107	65.13	63.9%	54.35	96.4%	108	155	-30.4%
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0.18	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	4.49	-100.0%
HEATING OIL PHY	LB	3	0	-	0	-	1	2.29	-51.8%
HEATING OIL PHY	OH	836	500.52	67.0%	255.5	227.2%	551	542.36	1.7%
HENRY HUB FINANCIAL LAST	E7	1,274	112.48	1032.6%	799.05	59.4%	759	236.88	220.3%
HENRY HUB FINANCIAL LAST	ECNG	42	0	-	42.7	-1.5%	108	0	-
HO 1 MONTH CLNDR OPTIONS	FA	320	32.61	880.0%	480	-33.4%	174	32.19	439.5%
LLS CRUDE OIL	HTO	0	0	-	0	-	0	7.19	-100.0%
LLS CRUDE OIL	WTO	0	104.35	-100.0%	0	-	18	19.76	-9.1%

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Commodity		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	
		AUG 2023	AUG 2022		JUL 2023		Y.T.D 2023	Y.T.D 2022		
Energy Options										
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	0	0	-	
NATURAL GAS	LN1	72	14.43	400.6%	14.2	408.9%	12	4.08	202.6%	
NATURAL GAS	LN2	12	0.52	2166.4%	12.1	-2.3%	4	4.25	-13.2%	
NATURAL GAS	LN3	2	0.43	460.0%	14.9	-83.7%	5	6.42	-18.7%	
NATURAL GAS	LN4	16	0	-	58.05	-71.9%	9	9.08	1.5%	
NATURAL GAS	LN5	0	0	-	0	-	0	0.03	179.7%	
NATURAL GAS 1 M CSO FIN	G4	5,173	3,350	54.4%	5,595	-7.5%	4,239	4,525.1	-6.3%	
NATURAL GAS 2 M CSO FIN	G2	0	0	-	50	-100.0%	7	84.43	-91.1%	
NATURAL GAS 3 M CSO FIN	G3	2,792	2,063.04	35.3%	1,090.5	156.0%	3,618	1,847.6	95.8%	
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	52	276.95	-81.3%	
NATURAL GAS 6 M CSO FIN	G6	0	195.65	-100.0%	0	-	391	511.38	-23.6%	
NATURAL GAS OPT	JFO	0	0	-	0	-	0	1.8	-100.0%	
NATURAL GAS OPT	JKO	0	0	-	0	-	0	32.34	-100.0%	
NATURAL GAS OPT	TFO	0	0	-	0	-	0	4.19	-100.0%	
NATURAL GAS OPTION ON CALENDAR STR	6J	0	0	-	0	-	0	3.59	-100.0%	
NATURAL GAS PHY	KD	78	54.35	44.0%	7.5	943.5%	24	69.34	-65.0%	
NATURAL GAS PHY	LN	140,824	74,392.3	89.3%	112,828.5	24.8%	125,840	100,027.23	25.8%	
NATURAL GAS PHY	ON	4,908	2,687.61	82.6%	4,959.5	-1.0%	4,341	4,364.13	-0.5%	
NATURAL GAS PHY	ON3	0	0	-	0	-	0	0	-	
NY HARBOR HEAT OIL SWP	AT	143	150.39	-4.7%	217.8	-34.2%	171	104.14	64.2%	
PETROCHEMICALS	4H	0	0.04	199.8%	0.3	-56.5%	2	18.95	-87.2%	
PETROCHEMICALS	4J	0	0	-	0	-	0	0	-	
PETRO OUTRIGHT NA	DAP	0	0	-	0	-	1	2.25	-76.0%	
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	0	-	
RBOB 1MO CAL SPD OPTIONS	ZA	22	0	-	0	-	3	15.27	-80.4%	
RBOB CALENDAR SWAP	RA	3	6.96	-62.5%	0	-	0	21.3	-98.3%	
RBOB PHY	OB	210	255.57	-17.7%	213.25	-1.4%	170	186.04	-8.6%	
RBOB PHY	RF	6	6.09	1.4%	0	-	1	8.38	-86.6%	
SHORT TERM	U11	0	0	-	0	-	0	1.8	-100.0%	
SHORT TERM	U12	0	0	-	0	-	0	3.29	-100.0%	
SHORT TERM	U13	0	0	-	0	-	4	0.6	600.0%	
SHORT TERM	U14	0	0	-	0	-	1	2.99	-80.0%	
SHORT TERM	U15	0	0	-	0	-	0	0	-	
SHORT TERM	U22	0	0	-	0	-	0	1.2	-100.0%	
SHORT TERM	U23	0	0	-	0	-	0	0	-	

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Commodity	ADV AUG 2023	ADV AUG 2022	% CHG	ADV JUL 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Options									
SHORT TERM	U24	0	0	-	0	-	0	0	-
SHORT TERM	U25	0	8.7	-100.0%	0	-	0	2.4	-100.0%
SHORT TERM	U26	0	0	-	0	-	0	1.2	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	-	17.5	-100.0%	3	1.5	100.0%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	25	0	-
SHORT TERM NATURAL GAS	U04	0	23.91	-100.0%	0	-	2	5.69	-68.4%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	6	2.99	100.0%
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	1	3.29	-72.7%
SHORT TERM NATURAL GAS	U07	0	0	-	0	-	0	5.54	-100.0%
SHORT TERM NATURAL GAS	U08	0	0	-	0	-	0	1.2	-100.0%
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	2	1.2	100.0%
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U18	0	2.17	-100.0%	0	-	0	2.1	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	2	3.29	-45.5%
SHORT TERM NATURAL GAS	U20	0	0	-	5	-100.0%	2	1.5	40.0%
SHORT TERM NATURAL GAS	U21	15	0	-	0	-	2	5.69	-63.2%
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	0	0.6	-100.0%
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U30	9	0	-	0	-	2	0.6	250.0%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	10	1.2	750.0%
WTI-BRENT BULLET SWAP	BV	1,222	1,164.13	4.9%	427.5	185.8%	780	1,829.31	-57.4%
WTI CRUDE OIL 1 M CSO FI	7A	4,224	1,847.83	128.6%	1,423.75	196.7%	3,342	2,756.89	21.2%

TOTAL FUTURES GROUP

Energy Futures	1,797,619	1,591,155.09	13.0%	1,715,532.55	4.8%	1,801,806	1,875,183.5	-3.9%
Metals Futures	437,952	383,661.52	14.2%	511,585.8	-14.4%	529,142	463,758.63	14.1%
TOTAL FUTURES	2,235,571	1,974,816.61	13.2%	2,227,118.35	0.4%	2,330,947.28	2,338,942.13	-0.3%

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Commodity	ADV AUG 2023	ADV AUG 2022	% CHG	ADV JUL 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
TOTAL OPTIONS GROUP								
Energy Options	294,846	197,462.39	49.3%	250,162.3	17.9%	274,683	251,752.03	9.1%
Metals Options	57,366	43,203.52	32.8%	64,284.05	-10.8%	76,774	61,033.58	25.8%
TOTAL OPTIONS	352,212	240,665.91	46.3%	314,446.35	12.0%	351,456.76	312,785.61	12.4%
TOTAL COMBINED								
Metals	495,319	426,865.04	16.0%	575,869.85	-14.0%	605,916	524,792.21	15.5%
Energy	2,092,465	1,788,617.48	17.0%	1,965,694.85	6.4%	2,076,488	2,126,935.53	-2.4%
GRAND TOTAL	2,587,784	2,215,482.52	16.8%	2,541,564.7	1.8%	2,682,404.04	2,651,727.74	1.2%