

NYMEX/COMEX Exchange ADV Report - Monthly

October 2023

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Commodity		ADV OCT 2023	ADV OCT 2022	% CHG	ADV SEP 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Metals Futures									
COMEX GOLD	GC	226,792	190,422.24	19.1%	189,404.8	19.7%	226,934	218,122.85	4.0%
NYMEX HOT ROLLED STEEL	HR	1,483	1,056.19	40.4%	1,351.75	9.7%	1,344	1,064.4	26.2%
NYMEX PLATINUM	PL	22,791	19,808.67	15.1%	35,007.8	-34.9%	23,498	20,103.33	16.9%
PALLADIUM	PA	3,736	1,910.52	95.6%	2,644.3	41.3%	3,263	2,154.48	51.4%
URANIUM	UX	0	0	-	0.2	-77.3%	0	0.11	-79.2%
COMEX SILVER	SI	65,407	64,129.29	2.0%	64,672.3	1.1%	72,175	67,482.91	7.0%
COMEX E-Mini GOLD	QO	1,130	2,170.33	-47.9%	692.3	63.3%	1,518	1,531.26	-0.9%
COMEX E-Mini SILVER	QI	322	208.48	54.5%	270.7	19.0%	282	183.56	53.4%
COMEX COPPER	HG	91,098	86,724.67	5.0%	80,962.15	12.5%	101,539	84,949.62	19.5%
COMEX MINY COPPER	QC	264	134.14	96.5%	188.35	39.9%	267	167.24	59.5%
ALUMINUM	AEP	6	64.1	-90.8%	54	-89.1%	83	83.65	-0.3%
ALUMINUM	ALA	0	0	-	0	-	1	9.21	-87.5%
ALUMINUM	ALI	5,871	2,506.81	134.2%	6,117.6	-4.0%	4,170	1,536.82	171.4%
ALUMINUM	AUP	455	451.57	0.8%	379.15	20.0%	318	340.76	-6.6%
ALUMINUM	EDP	301	458.24	-34.3%	236.75	27.2%	209	249.2	-16.1%
ALUMINUM	MJP	0	11.43	-100.0%	0	-	4	14.83	-75.2%
COBALT METAL FUTURES	COB	39	129	-70.1%	68.8	-43.9%	113	52.65	113.9%
COPPER	HGS	24	85	-71.8%	22.4	6.9%	65	77.98	-16.0%
COPPER	MHG	4,183	3,398.05	23.1%	4,619.5	-9.4%	5,021	1,995.89	151.5%
FERROUS PRODUCTS	BUS	88	129.95	-32.2%	59	49.3%	54	124.68	-56.6%
FERROUS PRODUCTS	FSF	5	0	-	0.7	562.3%	1	0	-
GOLD	SGC	25	14.1	75.4%	0	-	12	36.57	-66.7%
GOLD	SGU	37	23.9	53.6%	0.9	3980.8%	14	253.06	-94.4%
HOT ROLLED COIL STEEL FUTURES	EHR	247	287	-14.1%	217.65	13.3%	244	170.65	43.2%
IRON ORE CHINA	TIO	10	41.9	-77.0%	11.95	-19.4%	14	64.18	-78.7%
LITHIUM CARBONATE FUTURES	LTC	0	0	-	0	-	0	0	-
METALS	HDG	0	1.67	-72.7%	0	-	7	3.12	121.0%
METALS	LTH	155	1.62	9476.6%	160.3	-3.3%	63	0.28	22538.9%
METALS	PAC	0	0	-	0	-	2	6.22	-61.5%
MICRO GOLD	MGC	66,146	44,852.05	47.5%	43,540.1	51.9%	66,040	51,104.84	29.2%
MOLYBDENUM OXIDE FUTURES	MOX	8	0	-	3.45	118.7%	5	0	-
SILVER	SIL	12,557	8,238.86	52.4%	10,313.45	21.8%	10,713	7,754.26	38.2%

Metals Options

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Metals Options									
ALUMINUM	ALO	0	0	-	0	-	0	0	-
ALUMINUM	AX	77	25.57	200.8%	84.5	-9.0%	59	3.61	1520.5%
COMEX COPPER	HX	4,608	3,902.24	18.1%	4,095.25	12.5%	5,855	4,020.56	45.6%
COMEX GOLD	ECGC	198	111.9	77.1%	243.4	-18.6%	283	22.3	1167.4%
COMEX GOLD	OG	69,204	39,312.52	76.0%	48,675.45	42.2%	48,738	40,500.08	20.3%
COMEX SILVER	ECSI	6	147.1	-95.8%	25.9	-76.3%	158	26.14	505.8%
COMEX SILVER	SO	7,607	6,843.9	11.2%	6,374.4	19.3%	7,445	5,407.18	37.7%
COPPER	ECHG	15	88.38	-82.9%	86.45	-82.5%	129	16.38	689.8%
COPPER	H1E	165	25.05	558.9%	16.3	912.5%	55	9.84	456.9%
COPPER	H1M	3	3.71	-26.6%	4.8	-43.2%	13	4.88	157.5%
COPPER	H1W	290	4.81	5933.5%	184.6	57.2%	83	5.94	1295.2%
COPPER	H2E	31	19.29	62.9%	52.75	-40.5%	38	11.59	224.5%
COPPER	H2M	33	2.9	1040.8%	9.2	260.2%	19	3.46	437.1%
COPPER	H2W	77	8	868.2%	20.85	271.5%	25	2.39	937.9%
COPPER	H3E	13	12.81	-0.3%	23.65	-46.0%	31	10.16	209.6%
COPPER	H3M	10	3.81	158.9%	10.4	-5.2%	11	3.59	214.6%
COPPER	H3W	18	5.81	211.4%	4.55	297.6%	15	1.78	771.1%
COPPER	H4E	18	22.43	-18.9%	15.2	19.6%	20	11.94	69.2%
COPPER	H4M	6	4.29	43.2%	13.4	-54.2%	10	1.93	400.5%
COPPER	H4W	24	1.14	1984.0%	8	197.7%	9	2.87	229.5%
COPPER	H5E	0	0	-	36.5	-100.0%	6	3.4	91.1%
COPPER	H5M	12	6.71	74.0%	0	-	4	1.72	143.6%
COPPER	H5W	0	0	-	0	-	9	3.41	159.3%
GOLD	1FG	1	0	-	0	-	0	0	-
GOLD	1WG	0	0	-	0	-	0	0	-
GOLD	2WG	0	0	-	0	-	0	0	-
GOLD	3FG	0	0	-	0	-	0	0	-
GOLD	3WG	0	0	-	0	-	0	0	-
GOLD	4FG	0	0	-	0	-	0	0	-
GOLD	4MG	0	0	-	0	-	0	0	-
GOLD	4WG	0	0	-	0	-	0	0	-
GOLD	5MG	0	0	-	0	-	0	0	-
GOLD	G1M	401	282.33	42.0%	957.75	-58.2%	515	122.07	322.1%
GOLD	G1W	1,066	662.19	61.0%	693.25	53.8%	599	220.8	171.4%
GOLD	G2M	590	190.24	210.0%	497.6	18.5%	527	161.88	225.8%

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Metals Options									
GOLD	G2W	746	428	74.4%	511.95	45.8%	567	169.98	233.5%
GOLD	G3M	914	271.62	236.5%	337.05	171.2%	416	116.21	257.6%
GOLD	G3W	715	244.48	192.6%	418.25	71.0%	533	190.06	180.3%
GOLD	G4M	872	187.81	364.4%	391	123.1%	386	88.64	335.1%
GOLD	G4W	691	24.67	2701.7%	626.8	10.3%	426	108.47	292.9%
GOLD	G5M	907	181.86	399.0%	0	-	165	40.5	308.0%
GOLD	G5W	0	0	-	0	-	130	67.01	94.0%
GOLD	OG1	2,961	2,074.52	42.7%	1,868.05	58.5%	2,274	2,176.36	4.5%
GOLD	OG2	2,758	1,648.33	67.3%	1,126.85	144.7%	2,387	2,143.27	11.4%
GOLD	OG3	2,575	2,007.38	28.3%	1,117.3	130.4%	2,311	2,246	2.9%
GOLD	OG4	1,372	1,282.24	7.0%	1,635.6	-16.1%	1,577	1,860.38	-15.2%
GOLD	OG5	0	0	-	3,411.85	-100.0%	683	562.7	21.4%
GOLD	OMG	3	0	-	0	-	0	0	-
IRON ORE CHINA	ICT	16	0	-	0	-	2	1.44	20.0%
NYMEX HOT ROLLED STEEL	HRO	261	125.71	107.4%	151.35	72.3%	130	76.75	68.7%
NYMEX PLATINUM	PO	326	135.1	141.2%	615	-47.0%	723	232.07	211.4%
PALLADIUM	PAO	30	0.38	7656.8%	17.7	66.9%	38	0.65	5784.7%
SILVER	M1S	85	13.19	541.3%	95.35	-11.3%	69	5.78	1089.6%
SILVER	M2S	83	59.67	39.0%	62.05	33.7%	89	16.53	437.4%
SILVER	M3S	91	28.14	222.7%	83.65	8.6%	57	8.52	572.2%
SILVER	M4S	68	46.95	45.0%	39	74.6%	40	9.51	320.6%
SILVER	M5S	74	16.29	355.8%	0	-	19	2.6	621.0%
SILVER	SO1	505	314.52	60.6%	246.15	105.2%	362	224.06	61.5%
SILVER	SO2	497	311.95	59.4%	317.15	56.8%	397	240.2	65.2%
SILVER	SO3	427	406.38	5.2%	230.25	85.6%	322	203.9	58.1%
SILVER	SO4	180	200.24	-10.2%	306.4	-41.3%	223	165.28	35.0%
SILVER	SO5	0	0	-	388.15	-100.0%	96	44.16	116.4%
SILVER	W1S	149	48.33	208.4%	144.8	2.9%	108	15.23	608.9%
SILVER	W2S	188	24.62	663.3%	72	161.0%	87	11.85	636.4%
SILVER	W3S	81	27.29	197.9%	123.85	-34.4%	80	9.74	719.4%
SILVER	W4S	75	0.1	78967.9%	57.8	30.2%	47	3.16	1397.7%
SILVER	W5S	0	0	-	0	-	21	3.62	481.3%

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Energy Futures									
CRUDE OIL PHY	CL	858,205	682,840.38	25.7%	976,897.3	-12.1%	834,576	836,256.64	-0.2%
CRUDE OIL	WS	0	0	-	0	-	0	4.78	-100.0%
MINY WTI CRUDE OIL	QM	15,153	22,087.62	-31.4%	13,072.05	15.9%	14,989	29,288.72	-48.8%
BRENT OIL LAST DAY	BZ	75,790	69,051.86	9.8%	76,951.1	-1.5%	60,185	70,577	-14.7%
HEATING OIL PHY	HO	166,865	168,815.24	-1.2%	189,223.55	-11.8%	159,016	163,012.4	-2.5%
HTG OIL	BH	0	1.71	-100.0%	0.6	-100.0%	0	0.52	-11.1%
MINY HTG OIL	QH	1	0.48	14.6%	0.5	9.1%	1	0.41	23.3%
RBOB PHY	RB	151,517	145,366.86	4.2%	184,340	-17.8%	176,536	169,116.6	4.4%
MINY RBOB GAS	QU	0	0.33	36.4%	0.35	29.9%	0	0.43	2.2%
NATURAL GAS	HP	12,564	7,054.86	78.1%	8,944.2	40.5%	9,513	8,123.9	17.1%
LTD NAT GAS	HH	18,265	16,613.95	9.9%	16,776	8.9%	16,959	16,913.92	0.3%
MINY NATURAL GAS	QG	7,603	9,467.62	-19.7%	8,647.5	-12.1%	10,670	14,764.09	-27.7%
NATURAL GAS PHY	NG	420,731	305,303.57	37.8%	364,193.1	15.5%	399,493	342,456.01	16.7%
RBOB GAS	RT	0	1.14	-100.0%	1.2	-100.0%	0	0.34	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	109	304.76	-64.1%	81.5	34.1%	168	288.61	-41.7%
ARGUS PROPAN FAR EST INDE	7E	674	292	130.8%	560	20.3%	455	273.88	66.0%
ARGUS PROPAN(SAUDI ARAMCO	9N	141	89.19	57.5%	146.9	-4.4%	138	92.74	48.6%
BRENT BALMO SWAP	J9	0	0	-	0	-	0	7.59	-94.6%
BRENT CALENDAR SWAP	CY	390	397.1	-1.8%	633.2	-38.4%	447	708.02	-36.9%
BRENT FINANCIAL FUTURES	MBC	0	0	-	1.5	-100.0%	2	1.2	44.0%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAR VINTAGE	GEO	355	267.48	32.9%	442.6	-19.7%	443	154.64	186.6%
CAR VINTAGE	NGO	329	397.29	-17.3%	239.15	37.4%	288	568.24	-49.3%
CEU ENERGY	TFU	0	0	-	0	-	2	0	-
CEU ENERGY	TTG	8	0	-	0.25	3118.2%	2	0	-
CHICAGO ETHANOL SWAP	CU	4,078	2,787.86	46.3%	4,538.25	-10.1%	3,688	2,859.7	29.0%
CHICAGO ULSD PL VS HO SPR	5C	28	73.33	-61.9%	27.75	0.7%	47	31.98	46.9%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	0	17.38	-97.4%	3.25	-86.0%	3	14.17	-76.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	75	15.71	379.3%	19	296.4%	23	16.78	39.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	536	881.81	-39.2%	993	-46.0%	885	770.13	15.0%
CRUDE OIL LAST DAY	26	24	18.57	26.8%	20.95	12.4%	19	19.24	-2.4%
CRUDE OIL OUTRIGHTS	42	3	19.9	-87.2%	80.7	-96.8%	25	43.22	-42.1%

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Energy Futures									
CRUDE OIL OUTRIGHTS	CC5	0	20.1	-100.0%	0	-	0	9.51	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	2.86	-100.0%	0	-	0	6.32	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	0	0.5	-100.0%
CRUDE OIL OUTRIGHTS	HTT	5,962	3,133.29	90.3%	7,457.85	-20.1%	6,884	3,458.93	99.0%
CRUDE OIL OUTRIGHTS	LSW	0	3.9	-100.0%	0	-	0	20.8	-97.7%
CRUDE OIL OUTRIGHTS	WCW	0	6.67	-100.0%	0	-	0	82.63	-100.0%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	MCL	115,348	103,740.24	11.2%	102,150.6	12.9%	95,730	124,415.22	-23.1%
CRUDE OIL SPRDS	ANT	7	15.71	-56.6%	52.3	-87.0%	34	40.51	-15.4%
CRUDE OIL SPRDS	BKT	0	0	-	0	-	4	0	-
CRUDE OIL SPRDS	HIL	0	0	-	0	-	0	15.57	-100.0%
CRUDE OIL SPRDS	WTT	2,642	2,049.71	28.9%	2,466.25	7.1%	2,978	2,441.8	22.0%
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	10.62	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.02	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	68	0	-	0	-	11	9.57	15.0%
DUTCH TTF NATURAL GAS CAL MONTH FU1	TTF	2,255	0	-	2,954.55	-23.7%	1,168	69.89	1571.0%
EIA FLAT TAX ONHWAY DIESE	A5	25	0	-	15.9	58.7%	8	4.01	97.4%
EMMISSIONS	CGO	143	68.43	109.1%	140.4	1.9%	112	91.09	22.6%
ETHANOL	MTH	0	0	-	0	-	0	0.05	-100.0%
ETHANOL	Z1B	0	0	-	0	-	0	0	-
ETHANOL SWAP	MT2	16	14.29	13.0%	4.25	279.7%	14	9.4	47.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	287	132.52	116.8%	105.75	171.7%	200	166.88	19.9%
EURO 3.5% FUEL OIL RDM B	KR	0	0	-	0	-	1	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.01	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-	0	5.59	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL RDM	UV	3	0.62	333.2%	1.25	114.5%	1	2.67	-44.7%
EUROPEAN GASOIL (ICE)	7F	2	9.48	-77.0%	1.6	36.4%	2	64.42	-97.5%
EUROPEAN NAPHTHA BALMO	KZ	0	0.24	-100.0%	1.65	-100.0%	1	0.87	-29.8%
EUROPEAN NAPHTHA CRACK SPR	EN	224	61.52	264.7%	134.35	67.0%	161	102.43	57.0%

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Energy Futures									
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	UN	39	16.33	138.2%	27.3	42.5%	43	28.14	54.6%
EURO PROPANE CIF ARA SWA	PS	128	110.14	15.8%	108.9	17.1%	97	85.63	13.8%
FREIGHT MARKETS	BL2	10	0	-	3.75	169.1%	7	5.96	24.7%
FREIGHT MARKETS	CS3	0	0	-	0	-	0	0.05	-100.0%
FREIGHT MARKETS	CS4	0	0	-	0	-	0	1.72	-80.6%
FREIGHT MARKETS	FLJ	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	0	3.24	-100.0%	0	-	0	1.42	-81.8%
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0.17	-100.0%
FREIGHT MARKETS	T2D	0	0.95	-100.0%	0	-	0	3.48	-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	5.7	-100.0%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.32	-54.6%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	7H	11	1	990.9%	19.4	-43.8%	15	9.48	53.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	138	57.48	140.2%	232.2	-40.5%	100	118.48	-15.4%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.22	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.05	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0	-	0	0.32	-98.5%
GASOIL 10PPM VS ICE SWAP	TP	0	0.57	-100.0%	0	-	0	0.06	-100.0%
GASOIL CALENDAR SWAP	GX	1	0.29	281.8%	0	-	0	4.67	-92.9%
GASOIL CRACK SPREAD CALEN	GZ	0	0	-	0	-	3	52.44	-95.2%
GASOIL MINI CALENDAR SWAP	QA	13	5.52	137.0%	4.45	194.2%	10	13.48	-28.0%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	98	229.81	-57.3%	178.25	-44.9%	194	221.07	-12.2%
GRP THREE UNL GS (PLT) VS	A8	158	43.1	266.5%	75.5	109.2%	130	147.67	-12.1%
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	0	-	0	4.63	-100.0%
GULF COAST JET VS NYM 2 H	ME	328	248.52	31.9%	470.9	-30.4%	459	461.47	-0.5%
GULF COAST NO.6 FUEL OIL	MF	101	459.86	-78.0%	42.3	139.6%	176	216.25	-18.4%
GULF COAST NO.6 FUEL OIL	MG	819	639.24	28.2%	764.25	7.2%	685	374.53	82.8%
GULF COAST ULSD CALENDAR	LY	28	0	-	15.9	74.1%	9	3.85	122.5%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	1G	4	4.14	-13.3%	13.2	-72.8%	8	16.7	-54.2%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.61	-100.0%

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Energy Futures									
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HEATING OIL PHY	MHO	0	1.9	-100.0%	0.15	-100.0%	0	0.32	-75.7%
HENRY HUB SWAP	NN	1,222	1,121.24	8.9%	1,003.85	21.7%	1,464	1,342.42	9.1%
ICE BRENT DUBAI SWAP	DB	0	0	-	3.75	-100.0%	2	10.49	-81.1%
INDONESIAN COAL ICI4	ICI	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0.25	-100.0%	0	2.05	-97.7%
JAPAN C&F NAPHTHA SWAP	JA	9	6.71	38.1%	14.2	-34.7%	9	5.56	56.7%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	1.15	-100.0%	0	0.03	483.6%
JET CIF NWE VS ICE	JC	0	1.14	-76.1%	0	-	1	7.3	-87.4%
JET FUEL UP-DOWN BALMO CL	1M	63	11.67	441.6%	58.65	7.7%	50	72.92	-31.2%
JKM LNG Futures	JKM	0	15.95	-100.0%	0	-	0	15.42	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	4	0.48	720.9%	1.25	212.7%	13	10.96	16.5%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	1	0	-
LA JET (OPIS) SWAP	JS	13	2.38	425.0%	20	-37.5%	26	16.15	58.7%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	-	0	-	3	0.45	534.4%
MARS (ARGUS) VS WTI SWAP	YX	0	0	-	0	-	0	8.06	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	592	723.1	-18.1%	577.5	2.5%	760	748.07	1.6%
MCCLOSKEY ARA ARGS COAL	MTF	45	44.1	3.0%	60.95	-25.5%	48	256.7	-81.5%
MCCLOSKEY RCH BAY COAL	MFF	0	3.81	-100.0%	2.1	-100.0%	0	19.79	-98.7%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	0	-	0	-	1	1.26	-50.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	5	-100.0%	1	0.24	520.1%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	5	6.19	-25.1%	4.35	6.6%	6	14.61	-57.2%
MJC FUT	MJC	1	0	-	1.5	-9.1%	0	0	-
MNC FUT	MNC	23	73.57	-68.4%	28.85	-19.3%	44	80.85	-45.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,469	1,527.24	-3.8%	1,413.2	3.9%	1,549	1,734.85	-10.7%
MONT BELVIEU ETHANE OPIS BALMO	8C	56	10.48	433.7%	13	330.1%	32	42.59	-24.4%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	11,174	9,172.43	21.8%	10,072.05	10.9%	10,955	8,128.75	34.8%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	136	75.86	79.5%	42.35	221.5%	105	129.52	-18.9%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	899	1,291.14	-30.4%	1,126	-20.1%	1,182	1,181.11	0.1%
MONT BELVIEU NATURAL GASOLINE BALM	R0	31	134	-77.1%	45.5	-32.6%	61	78.41	-21.8%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	3,288	2,751.86	19.5%	2,995.4	9.8%	3,296	2,609.9	26.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	77	107	-28.2%	20.45	275.4%	52	72.52	-28.0%
NATURAL GAS	NWM	0	14.52	-100.0%	0	-	2	1.46	57.4%
NATURAL GAS PEN SWP	NP	1,890	1,573.29	20.1%	877.3	115.4%	1,125	2,159.83	-47.9%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	0	0	-

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Energy Futures									
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	23	28.81	-19.5%	46.75	-50.4%	34	43.02	-20.1%
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	122	49.43	146.4%	58.95	106.6%	107	59.76	78.7%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	0	-
NY HARBOR RESIDUAL FUEL 1	MM	0	3.57	-100.0%	0	-	4	6.46	-44.4%
NYH NO 2 CRACK SPREAD CAL	HK	66	64	3.8%	70	-5.1%	156	81.1	92.8%
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	27	40	-31.8%	87.75	-68.9%	61	25.89	137.5%
PETROCHEMICALS	22	6	3.9	56.0%	1.55	293.0%	7	6.65	9.3%
PETROCHEMICALS	32	6	4.38	27.6%	4.8	16.5%	4	2.03	87.8%
PETROCHEMICALS	3NA	2	2.14	-27.9%	1.8	-14.1%	2	1.28	86.5%
PETROCHEMICALS	51	0	0	-	0.75	-100.0%	0	0.07	286.5%
PETROCHEMICALS	81	0	0	-	0	-	0	2.03	-85.8%
PETROCHEMICALS	8I	19	80.14	-76.7%	18.45	1.3%	29	44.68	-35.6%
PETROCHEMICALS	91	22	17.95	22.8%	8.8	150.5%	19	15.36	23.5%
PETROCHEMICALS	MAA	0	0	-	1	-100.0%	6	2.2	156.5%
PETROCHEMICALS	MAE	78	61.52	26.0%	66.25	17.0%	70	55.42	26.9%
PETROCHEMICALS	MAS	19	14.76	29.3%	18.4	3.8%	25	17.08	43.5%
PETROCHEMICALS	MBE	0	0	-	0	-	3	3.4	1.4%
PETROCHEMICALS	MNB	0	0	-	0	-	0	0.07	-100.0%
PETROCHEMICALS	MPS	23	15.67	46.5%	17.3	32.7%	23	12.56	86.3%
PETROCHEMICALS	PMF	0	0	-	0.3	-54.5%	0	0.07	457.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	CRB	800	552	44.9%	813.75	-1.7%	644	786.07	-18.1%
PETRO CRCKS & SPRDS NA	EXR	12	6.29	94.5%	34.35	-64.4%	14	12.83	10.9%
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-	4	3.35	33.6%
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-	2	0.72	150.0%
PETRO CRCKS & SPRDS NA	GCU	21	0	-	0	-	3	1.32	102.9%
PETRO CRCKS & SPRDS NA	GFC	2	0	-	0	-	7	6.46	9.6%
PETRO CRCKS & SPRDS NA	HOB	0	0	-	10	-100.0%	7	2.76	165.2%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-

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Energy Futures									
PETRO CRCKS & SPRDS NA	RBB	25	32.05	-22.0%	25	0.0%	31	31.7	-1.5%
PETRO CRCKS & SPRDS NA	RVG	4	81.9	-95.3%	0	-	53	93.47	-43.5%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	1NB	0	16	-100.0%	0	-	1	10.15	-87.5%
PETRO CRK&SPRD EURO	43	0	0	-	0	-	0	0.58	-14.9%
PETRO CRK&SPRD EURO	BOB	0	0	-	0	-	1	2.89	-80.2%
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	EPN	25	17.81	41.4%	12.3	104.7%	20	18.97	5.8%
PETRO CRK&SPRD EURO	EVC	0	1.9	-100.0%	0	-	2	3.96	-54.7%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0.04	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	NOB	3	3.57	-22.4%	6.25	-55.6%	5	4.39	6.7%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-	0	0.24	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0.01	50.0%
PETROLEUM PRODUCTS	CMS	0	16.67	-100.0%	0	-	5	7.61	-35.8%
PETROLEUM PRODUCTS	EWG	0	7.14	-100.0%	5.1	-100.0%	7	22.81	-68.4%
PETROLEUM PRODUCTS	H5F	0	7.14	-100.0%	4	-100.0%	3	3.76	-31.8%
PETROLEUM PRODUCTS	JCC	23	107.14	-78.2%	55.55	-57.9%	48	64.67	-26.2%
PETROLEUM PRODUCTS	R5F	1	1.14	-44.3%	0.55	15.7%	1	2.18	-66.9%
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	0	0	-	2.5	-100.0%	1	5.49	-77.4%
PETROLEUM PRODUCTS ASIA	E6M	0	0.48	-100.0%	1.5	-100.0%	0	0.24	50.0%
PETROLEUM PRODUCTS ASIA	MJN	2	15.24	-86.6%	52.4	-96.1%	19	34.33	-43.4%
PETRO OUTRIGHT EURO	0B	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0D	6	2.95	109.4%	6.5	-4.9%	2	1.41	59.3%
PETRO OUTRIGHT EURO	0F	1	0	-	2	-43.2%	0	0.04	621.6%
PETRO OUTRIGHT EURO	5L	0	0	-	0	-	0	0.05	800.8%
PETRO OUTRIGHT EURO	7I	0	0	-	0	-	0	1.36	-73.7%
PETRO OUTRIGHT EURO	7R	1	0.38	79.0%	0	-	0	0.22	78.2%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.14	-50.0%
PETRO OUTRIGHT EURO	CPB	4	0.57	576.2%	4.6	-16.0%	10	8.07	22.1%
PETRO OUTRIGHT EURO	EWN	13	22.86	-43.1%	0	-	12	8.45	42.4%
PETRO OUTRIGHT EURO	M1B	30	38.9	-22.5%	43.5	-30.7%	42	52.7	-20.7%
PETRO OUTRIGHT EURO	MBB	3	0	-	0	-	0	0	-

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Commodity		ADV OCT 2023	ADV OCT 2022	% CHG	ADV SEP 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Energy Futures									
PETRO OUTRIGHT EURO	MBN	38	19.52	96.5%	55.6	-31.0%	35	28.81	19.8%
PETRO OUTRIGHT EURO	MEF	3	0	-	0	-	0	0.45	-12.8%
PETRO OUTRIGHT EURO	MQA	16	0	-	12.75	26.9%	11	0.9	1077.2%
PETRO OUTRIGHT EURO	R53	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	R5M	44	68.57	-36.1%	41.65	5.2%	51	84.77	-39.9%
PETRO OUTRIGHT EURO	R5O	29	24.33	18.4%	28.75	0.2%	28	46.05	-39.0%
PETRO OUTRIGHT EURO	RBM	0	0	-	0	-	1	0.54	-4.5%
PETRO OUTRIGHT EURO	S5B	1	0	-	0	-	0	0.02	480.8%
PETRO OUTRIGHT EURO	S5F	28	4.81	487.9%	24.7	14.5%	20	5.5	267.7%
PETRO OUTRIGHT EURO	S5M	83	98.76	-15.6%	74.25	12.2%	80	103.89	-22.8%
PETRO OUTRIGHT EURO	S5O	51	33.9	50.3%	42.45	20.0%	38	124.31	-69.3%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	SR5	0	0.57	-100.0%	0	-	1	0.57	100.0%
PETRO OUTRIGHT EURO	ULB	6	0	-	2.5	127.3%	3	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	A8B	12	2.38	396.4%	25	-52.7%	9	11.03	-16.5%
PETRO OUTRIGHT NA	AB6	44	28.1	56.6%	1.5	2833.3%	17	16.48	5.6%
PETRO OUTRIGHT NA	BCR	41	97.62	-58.1%	52.5	-22.1%	53	120.43	-55.8%
PETRO OUTRIGHT NA	JE	0	0	-	0	-	0	0.29	-100.0%
PETRO OUTRIGHT NA	JET	50	46.43	8.6%	10	404.1%	72	27.68	160.9%
PETRO OUTRIGHT NA	JTB	10	3.57	166.0%	16.5	-42.4%	12	10.22	13.0%
PETRO OUTRIGHT NA	MBL	0	3.57	-100.0%	0	-	1	4.11	-74.8%
PETRO OUTRIGHT NA	MEN	0	0	-	0.25	-100.0%	2	2.78	-35.8%
PETRO OUTRIGHT NA	MEO	0	14.38	-100.0%	10.7	-100.0%	5	12.49	-56.1%
PETRO OUTRIGHT NA	MMF	0	0.48	-100.0%	0	-	0	0.1	-100.0%
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	139	64.14	117.2%	154.9	-10.1%	62	47.46	31.4%
PREMIUM UNLD 10P FOB MED	3G	0	0	-	0	-	0	0.53	-86.5%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	120	114.48	4.8%	35.5	238.0%	67	79.09	-15.8%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	1,013	675.38	49.9%	1,036.05	-2.3%	1,186	611.66	93.8%

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Energy Futures									
RBOB CALENDAR SWAP	RL	272	400.1	-31.9%	495.15	-45.0%	377	250.27	50.8%
RBOB CRACK SPREAD	RM	65	18.81	248.0%	23.75	175.6%	98	71.35	37.0%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0.61	-21.3%
RBOB GASOLINE BALMO CLNDR	1D	6	30.81	-79.9%	30.5	-79.7%	45	59.89	-24.3%
RBOB PHY	MRB	0	1.48	-69.2%	0.25	81.8%	0	0.28	-8.5%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	0	20	-100.0%	0	-	0	4.67	-96.9%
SINGAPORE 180CST BALMO	BS	0	0	-	0.25	-100.0%	0	0.01	946.9%
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0	-100.0%
SINGAPORE 380CST FUEL OIL	SE	28	0.57	4712.7%	32.05	-14.2%	12	6.23	99.9%
SINGAPORE FUEL 180CST CAL	UA	1	0.14	599.8%	0.5	100.0%	0	0.01	1129.2%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	2.14	-100.0%	0	-	0	0.49	-76.5%
SINGAPORE GASOIL	MAF	0	3.67	-100.0%	0	-	1	18.93	-94.0%
SINGAPORE GASOIL	MTB	0	0	-	0	-	0	0.94	-100.0%
SINGAPORE GASOIL	MTS	9	18.38	-53.0%	16	-46.0%	16	16.11	-3.3%
SINGAPORE GASOIL	SBM	0	0	-	0	-	0	1.59	-95.5%
SINGAPORE GASOIL CALENDAR	MSG	8	2.9	167.6%	2.25	245.5%	3	5.96	-45.4%
SINGAPORE GASOIL SWAP	SG	44	0.71	6009.0%	68.5	-36.3%	41	15.1	170.6%
SINGAPORE GASOIL VS ICE	GA	0	0	-	0	-	0	18.83	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	0	17.82	-100.0%
SINGAPORE JET KEROSENE SW	KS	0	0	-	0	-	0	1.94	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	0	3.88	-87.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	14	0	-	1.5	809.1%	23	2.87	694.3%
TC2 ROTTERDAM TO USAC 37K	TM	0	6.86	-100.0%	0	-	1	2.1	-60.7%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	1.16	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	1.9	-100.0%	0	-	0	30.07	-100.0%
ULSD UP-DOWN BALMO SWP	1L	112	349.29	-67.8%	196.25	-42.7%	280	294.16	-4.7%
UP DOWN GC ULSD VS NMX HO	LT	498	1,037.71	-52.0%	1,115.6	-55.3%	1,356	1,264.24	7.3%
WTI-BRENT BULLET SWAP	BY	5	0	-	0	-	1	0	-
WTI-BRENT CALENDAR SWAP	BK	2,500	2,121.19	17.9%	2,242.7	11.5%	2,454	2,464.8	-0.5%
WTI CALENDAR	CS	3,667	2,240.33	63.7%	3,607.55	1.6%	3,098	2,988.04	3.7%
WTI MIDLAND CRUDE OIL	WTL	0	28.57	-100.0%	0	-	9	4.31	111.1%
WTS (ARGUS) VS WTI SWAP	FF	106	7.14	1378.9%	111.05	-4.9%	154	132.16	16.6%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	-	0	-	12	33.66	-64.3%

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Energy Options									
BRENT CALENDAR SWAP	BA	0	6.86	-100.0%	0	-	10	15.66	-34.0%
BRENT CRUDE OIL 1 M CSO	9C	209	1,428.57	-85.4%	300	-30.3%	54	627.99	-91.5%
BRENT OIL LAST DAY	BE	652	647.62	0.7%	0	-	204	524.1	-61.2%
BRENT OIL LAST DAY	BZO	111	660.62	-83.2%	321.55	-65.5%	447	852.1	-47.6%
COAL API2 INDEX	F2C	0	0	-	9.75	-100.0%	2	1.87	21.8%
COAL API2 INDEX	F2Q	0	0	-	0	-	0	0.48	-100.0%
CRUDE OIL 1MO	WA	3,941	900	337.9%	6,951.25	-43.3%	3,344	2,771.07	20.7%
CRUDE OIL APO	AO	1,161	1,106.95	4.8%	2,902.55	-60.0%	1,468	999.78	46.8%
CRUDE OIL OUTRIGHTS	ECCL	259	198.71	30.2%	416.85	-37.9%	310	26.8	1057.2%
CRUDE OIL PHY	LC	802	1,313.24	-38.9%	1,346.4	-40.4%	1,246	1,700.77	-26.8%
CRUDE OIL PHY	LO	165,966	108,738.43	52.6%	141,603.1	17.2%	121,033	117,132.94	3.3%
CRUDE OIL PHY	LO1	3,429	1,783.76	92.3%	1,750.85	95.9%	2,448	1,523.6	60.6%
CRUDE OIL PHY	LO2	2,107	1,377.05	53.0%	1,858.25	13.4%	2,189	1,165.11	87.9%
CRUDE OIL PHY	LO3	2,755	1,156.95	138.1%	835.4	229.8%	1,675	826.9	102.5%
CRUDE OIL PHY	LO4	1,802	1,422.95	26.6%	3,161.8	-43.0%	2,209	1,587.18	39.2%
CRUDE OIL PHY	LO5	0	0	-	3,255.65	-100.0%	914	363.97	151.1%
CRUDE OIL PHY	MCO	822	524.76	56.6%	3,043.3	-73.0%	1,020	186.99	445.5%
CRUDE OIL PHY	ML1	214	0	-	887.25	-75.9%	139	0	-
CRUDE OIL PHY	ML2	541	0	-	622.8	-13.1%	146	0	-
CRUDE OIL PHY	ML3	794	0	-	788.15	0.8%	198	0	-
CRUDE OIL PHY	ML4	1,026	0	-	676.55	51.6%	211	0	-
CRUDE OIL PHY	ML5	785	0	-	0	-	83	0	-
CRUDE OIL PHY	MW1	79	63.43	24.8%	83.8	-5.5%	88	25.69	240.9%
CRUDE OIL PHY	MW2	67	53.62	25.1%	115.25	-41.8%	82	29.96	172.2%
CRUDE OIL PHY	MW3	48	45.67	5.2%	43.6	10.2%	61	16.22	273.9%
CRUDE OIL PHY	MW4	71	49.95	41.6%	70.85	-0.2%	100	35.75	179.5%
CRUDE OIL PHY	MW5	0	0	-	90.6	-100.0%	31	15.76	96.2%
CRUDE OIL PHY	WL1	1,005	0	-	733.15	37.0%	196	0	-
CRUDE OIL PHY	WL2	698	0	-	688.5	1.4%	176	0	-
CRUDE OIL PHY	WL3	627	0	-	691	-9.3%	176	0	-
CRUDE OIL PHY	WL4	1,046	0	-	679.35	54.0%	219	0	-
CRUDE OIL PHY	WL5	0	0	-	0	-	61	0	-
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	157	68.1	131.2%	308.55	-49.0%	132	137.65	-3.9%
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0.14	-100.0%

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Commodity		ADV OCT 2023	ADV OCT 2022	% CHG	ADV SEP 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Energy Options									
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	3.59	-100.0%
HEATING OIL PHY	LB	1	0	-	0	-	1	1.83	-45.6%
HEATING OIL PHY	OH	740	524.24	41.2%	494.4	49.7%	566	524.57	7.9%
HENRY HUB FINANCIAL LAST	E7	1,935	244.71	690.8%	1,578.2	22.6%	961	221.83	333.2%
HENRY HUB FINANCIAL LAST	ECNG	10	154.43	-93.3%	75.5	-86.4%	94	28.95	225.5%
HO 1 MONTH CLNDR OPTIONS	FA	159	52.38	203.7%	300	-47.0%	184	30.98	494.6%
LLS CRUDE OIL	HTO	0	0	-	0	-	0	5.74	-100.0%
LLS CRUDE OIL	WTO	0	0	-	0	-	14	21.53	-33.3%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	0	0	-
NATURAL GAS	LN1	37	0	-	70.05	-47.1%	20	3.34	514.2%
NATURAL GAS	LN2	50	0	-	1.4	3494.2%	8	7.19	16.6%
NATURAL GAS	LN3	9	0	-	39.55	-77.7%	9	5.13	73.1%
NATURAL GAS	LN4	0	0	-	1.2	-100.0%	7	7.26	3.0%
NATURAL GAS	LN5	0	0	-	0.05	-100.0%	0	0.02	198.8%
NATURAL GAS 1 M CSO FIN	G4	5,448	3,060.9	78.0%	4,108.75	32.6%	4,353	4,295.08	1.4%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	0	-	6	67.46	-91.1%
NATURAL GAS 3 M CSO FIN	G3	136	47.62	186.4%	1,245.5	-89.1%	3,025	1,680.81	80.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	41	221.29	-81.3%
NATURAL GAS 6 M CSO FIN	G6	277	166.67	66.4%	0	-	341	434.93	-21.5%
NATURAL GAS OPT	JFO	0	7.14	-100.0%	0	-	0	2.15	-100.0%
NATURAL GAS OPT	JKO	0	0	-	0	-	0	26.79	-100.0%
NATURAL GAS OPT	TFO	0	0	-	0	-	0	3.35	-100.0%
NATURAL GAS OPTION ON CALENDAR STR	6J	0	0	-	0	-	0	2.87	-100.0%
NATURAL GAS PHY	KD	52	14.29	265.9%	170	-69.3%	41	70	-41.2%
NATURAL GAS PHY	LN	184,399	86,621.1	112.9%	129,314.1	42.6%	132,337	95,559.32	38.5%
NATURAL GAS PHY	ON	5,750	2,864.67	100.7%	4,131.35	39.2%	4,469	4,037.36	10.7%
NATURAL GAS PHY	ON3	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	87	50.81	71.6%	200.1	-56.4%	165	95.43	72.8%
PETROCHEMICALS	4H	0	5.71	-100.0%	0.3	-100.0%	2	15.86	-87.6%
PETROCHEMICALS	4J	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	0	0	-	0	-	0	1.79	-76.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	14.29	-100.0%	0	-	2	16.03	-85.1%
RBOB CALENDAR SWAP	RA	0	0.57	-100.0%	0	-	0	17.15	-98.3%
RBOB PHY	OB	54	55.57	-3.0%	53.3	1.1%	147	188.44	-22.2%

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Energy Options									
RBOB PHY	RF	1	3.81	-78.5%	0	-	1	7.22	-86.4%
SHORT TERM	U11	2	0	-	0	-	0	1.44	-83.3%
SHORT TERM	U12	2	0	-	0	-	0	2.63	-90.9%
SHORT TERM	U13	2	0	-	0	-	4	0.48	649.9%
SHORT TERM	U14	0	0	-	7.5	-100.0%	1	2.39	-50.0%
SHORT TERM	U15	0	0	-	0	-	0	0.24	-100.0%
SHORT TERM	U22	0	0	-	0	-	0	1.67	-100.0%
SHORT TERM	U23	2	0	-	0	-	0	0	-
SHORT TERM	U24	5	4.76	-4.5%	0	-	0	0.48	0.0%
SHORT TERM	U25	5	0	-	0	-	0	1.91	-75.0%
SHORT TERM	U26	0	0	-	0	-	0	0.96	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	-	0	-	2	1.2	100.0%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	20	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-	1	4.55	-68.4%
SHORT TERM NATURAL GAS	U05	9	0	-	0	-	6	2.39	140.0%
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	1	2.63	-72.7%
SHORT TERM NATURAL GAS	U07	0	0	-	0	-	0	4.43	-100.0%
SHORT TERM NATURAL GAS	U08	0	0	-	30	-100.0%	3	0.96	200.0%
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U10	2	0	-	0	-	2	0.96	125.0%
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U18	2	0	-	0	-	0	1.67	-85.7%
SHORT TERM NATURAL GAS	U19	5	2.38	90.9%	0	-	2	2.87	-33.3%
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	2	1.2	40.0%
SHORT TERM NATURAL GAS	U21	0	0	-	5	-100.0%	2	4.55	-52.6%
SHORT TERM NATURAL GAS	U28	0	11.9	-100.0%	5	-100.0%	0	1.67	-71.4%
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	-	2	0.48	250.0%
SHORT TERM NATURAL GAS	U31	5	0	-	0	-	9	0.96	800.0%
WTI-BRENT BULLET SWAP	BV	1,464	1,371.43	6.7%	5,293.35	-72.3%	1,284	1,739.69	-26.2%
WTI CRUDE OIL 1 M CSO FI	7A	4,949	2,295.24	115.6%	7,766.75	-36.3%	3,935	2,660.29	47.9%

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Commodity	ADV OCT 2023	ADV OCT 2022	% CHG	ADV SEP 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
TOTAL FUTURES GROUP								
Energy Futures	1,893,748	1,570,829.95	20.6%	1,993,719.3	-5.0%	1,829,849	1,818,551.63	0.6%
Metals Futures	503,178	427,259.76	17.8%	441,000.35	14.1%	517,974	459,638.61	12.7%
TOTAL FUTURES	2,396,926	1,998,089.71	20.0%	2,434,719.65	-1.6%	2,347,822.79	2,278,190.23	3.1%
TOTAL OPTIONS GROUP								
Energy Options	396,774	219,121.86	81.1%	329,127.45	20.6%	292,745	242,616.45	20.7%
Metals Options	102,125	61,796.9	65.3%	76,529.5	33.4%	79,419	61,624.51	28.9%
TOTAL OPTIONS	498,899	280,918.76	77.6%	405,656.95	23.0%	372,163.59	304,240.97	22.3%
TOTAL COMBINED								
Metals	605,303	489,056.67	23.8%	517,529.85	17.0%	597,393	521,263.12	14.6%
Energy	2,290,522	1,789,951.81	28.0%	2,322,846.75	-1.4%	2,122,593	2,061,168.08	3.0%
GRAND TOTAL	2,895,825	2,279,008.48	27.1%	2,840,376.6	2.0%	2,719,986.39	2,582,431.2	5.3%