

NYMEX/COMEX Exchange ADV Report - Monthly

December 2023

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Commodity		ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Metals Futures									
COMEX GOLD	GC	187,338	154,995.52	20.9%	251,623.95	-25.5%	225,840	216,182.34	4.5%
NYMEX HOT ROLLED STEEL	HR	887	946.14	-6.3%	1,292	-31.4%	1,303	1,039.38	25.3%
NYMEX PLATINUM	PL	34,937	25,803.81	35.4%	27,067.19	29.1%	24,713	20,625.75	19.8%
PALLADIUM	PA	3,747	2,043.62	83.3%	7,681.71	-51.2%	3,673	2,275.04	61.4%
URANIUM	UX	0	0	-	0	-	0	0.1	-79.1%
COMEX SILVER	SI	62,864	53,510.9	17.5%	85,126.62	-26.2%	72,518	68,034.58	6.6%
COMEX E-Mini GOLD	QO	950	1,255.81	-24.4%	1,095.71	-13.3%	1,437	1,571.39	-8.6%
COMEX E-Mini SILVER	QI	304	202.48	50.1%	336.38	-9.6%	288	187.98	53.2%
COMEX COPPER	HG	91,352	61,222.95	49.2%	126,145.71	-27.6%	102,791	85,811.79	19.8%
COMEX MINY COPPER	QC	170	100.52	69.4%	275.29	-38.2%	260	165.92	56.6%
ALUMINUM	AEP	133	105.29	26.4%	50.86	161.7%	85	93.15	-9.1%
ALUMINUM	ALA	0	2.86	-100.0%	0	-	1	8.09	-88.1%
ALUMINUM	ALI	9,586	2,549.86	275.9%	7,684.76	24.7%	4,899	1,671.04	193.2%
ALUMINUM	AUP	343	304.71	12.5%	360.67	-5.0%	324	339.21	-4.5%
ALUMINUM	EDP	233	230.52	1.1%	350.38	-33.5%	223	243.88	-8.6%
ALUMINUM	MJP	0	0	-	0	-	3	12.75	-75.8%
COBALT METAL FUTURES	COB	76	149	-48.8%	173.1	-55.9%	115	68.2	68.3%
COPPER	HGS	96	166.57	-42.7%	137.33	-30.5%	74	85.37	-13.4%
COPPER	MHG	3,896	2,598.71	49.9%	4,442.29	-12.3%	4,882	2,245.84	117.4%
FERROUS PRODUCTS	BUS	98	186.76	-47.5%	148.71	-34.0%	66	137.47	-52.3%
FERROUS PRODUCTS	FSF	0	0	-	2.33	-80.7%	1	0	-
GOLD	SGC	104	5.05	1954.4%	89.95	15.3%	26	31.84	-18.3%
GOLD	SGU	235	5.38	4261.6%	231.95	1.2%	50	213.35	-76.5%
HOT ROLLED COIL STEEL FUTURES	EHR	231	236.57	-2.2%	237.33	-2.5%	243	182.21	33.2%
IRON ORE CHINA	TIO	5	35.24	-85.0%	10.1	-47.5%	13	59.38	-78.6%
LITHIUM CARBONATE FUTURES	LTC	11	0	-	0	-	1	0	-
METALS	HDG	0	0.24	-79.0%	0	-	6	2.68	115.4%
METALS	LTH	176	15.19	1056.6%	174.43	0.7%	81	1.86	4256.6%
METALS	PAC	0	0	-	0	-	2	5.18	-61.4%
MICRO GOLD	MGC	67,398	39,961	68.7%	57,988.29	16.2%	65,472	49,964.3	31.0%
MOLYBDENUM OXIDE FUTURES	MOX	20	0	-	7.81	152.9%	7	0	-
SILVER	SIL	9,956	8,575.14	16.1%	11,504.1	-13.5%	10,719	7,967.82	34.5%

Metals Options

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		ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Metals Options										
ALUMINUM	ALO	0	0	-	0	-	0	0	-	
ALUMINUM	AX	135	21.9	515.8%	34.62	289.7%	63	6.76	826.5%	
COMEX COPPER	HX	3,896	4,404.14	-11.5%	3,789	2.8%	5,525	4,218.95	31.0%	
COMEX GOLD	ECGC	219	263.19	-16.8%	147.52	48.5%	266	64.27	314.1%	
COMEX GOLD	OG	49,434	27,202.67	81.7%	50,241.14	-1.6%	48,920	39,185.04	24.8%	
COMEX SILVER	ECSI	16	135.9	-88.1%	34.67	-53.4%	137	42.49	221.4%	
COMEX SILVER	SO	6,046	6,812.57	-11.3%	7,501.29	-19.4%	7,338	5,783.28	26.9%	
COPPER	ECHG	8	111.95	-92.6%	17.14	-51.6%	110	30.22	264.9%	
COPPER	H1E	13	41.33	-67.6%	58	-76.9%	52	13.62	280.0%	
COPPER	H1M	8	1.9	343.6%	9.57	-11.7%	12	6.47	85.3%	
COPPER	H1W	204	5.19	3837.0%	134.05	52.4%	97	5.74	1588.4%	
COPPER	H2E	27	13.1	109.6%	61.05	-55.0%	39	13.53	186.4%	
COPPER	H2M	10	20.9	-54.1%	15.76	-39.1%	18	5.55	217.3%	
COPPER	H2W	15	9.29	64.2%	28.71	-46.9%	24	3.6	576.8%	
COPPER	H3E	37	10.43	254.8%	42.29	-12.5%	33	10.79	204.1%	
COPPER	H3M	7	4.48	55.3%	25.38	-72.6%	12	3.55	242.0%	
COPPER	H3W	8	4.43	84.0%	20.1	-59.4%	15	2.06	642.7%	
COPPER	H4E	76	13	485.8%	10.24	643.8%	24	12.51	90.5%	
COPPER	H4M	1	5.19	-72.1%	0	-	8	2.35	247.6%	
COPPER	H4W	19	11.62	66.5%	37.1	-47.8%	13	3.54	254.6%	
COPPER	H5E	9	56.52	-83.6%	0	-	6	7.56	-18.4%	
COPPER	H5M	1	4.52	-76.8%	0	-	4	1.81	98.2%	
COPPER	H5W	0	0	-	4	-100.0%	8	3.85	100.9%	
GOLD	1FG	2	0	-	2.29	-34.4%	0	0	-	
GOLD	1MG	1	0	-	1.62	-22.8%	0	0	-	
GOLD	1WG	5	0	-	0.81	493.0%	0	0	-	
GOLD	2FG	5	0	-	3.05	65.7%	1	0	-	
GOLD	2MG	3	0	-	3.29	-2.6%	1	0	-	
GOLD	2WG	1	0	-	10.76	-90.7%	1	0	-	
GOLD	3FG	2	0	-	3.14	-44.3%	0	0	-	
GOLD	3MG	1	0	-	9.24	-86.5%	1	0	-	
GOLD	3WG	1	0	-	1.29	-14.4%	0	0	-	
GOLD	4FG	3	0	-	2.81	21.0%	1	0	-	
GOLD	4MG	1	0	-	0	-	0	0	-	
GOLD	4WG	1	0	-	3	-65.0%	0	0	-	

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Metals Options									
GOLD	5FG	7	0	-	0	-	1	0	-
GOLD	5MG	1	0	-	0	-	0	0	-
GOLD	5WG	0	0	-	1.81	-100.0%	0	0	-
GOLD	G1M	1,227	238.86	413.7%	845.52	45.1%	600	148.48	304.1%
GOLD	G1W	1,568	700.24	123.9%	437.29	258.5%	663	259.97	155.1%
GOLD	G2M	1,344	536.29	150.7%	740.76	81.5%	611	215.05	184.0%
GOLD	G2W	785	727.14	8.0%	502.43	56.3%	579	235.84	145.5%
GOLD	G3M	648	477.05	35.8%	1,012.86	-36.0%	484	156.43	209.6%
GOLD	G3W	744	355.62	109.3%	616.86	20.6%	557	230.65	141.4%
GOLD	G4M	177	84.71	108.8%	0	-	337	99.7	237.6%
GOLD	G4W	497	174.29	185.4%	845.48	-41.2%	467	122.78	280.4%
GOLD	G5M	64	58.43	9.9%	0	-	143	38.61	271.0%
GOLD	G5W	0	0	-	961.95	-100.0%	190	91.4	107.3%
GOLD	OG1	1,429	1,790.67	-20.2%	2,428.38	-41.2%	2,219	2,184.99	1.6%
GOLD	OG2	2,808	2,081.81	34.9%	2,436.81	15.2%	2,425	2,176.22	11.4%
GOLD	OG3	2,927	3,551	-17.6%	2,678.76	9.3%	2,391	2,314.17	3.3%
GOLD	OG4	2,025	1,174.95	72.3%	1,506.48	34.4%	1,607	1,722.53	-6.7%
GOLD	OG5	1,770	1,026.14	72.5%	0	-	712	554.4	28.5%
GOLD	OMG	20	0	-	17.48	15.9%	3	0	-
IRON ORE CHINA	ICT	0	0	-	0	-	1	1.2	20.5%
NYMEX HOT ROLLED STEEL	COO	1	0	-	0	-	0	0	-
NYMEX HOT ROLLED STEEL	HRO	127	34.52	268.0%	137.81	-7.8%	130	74.86	73.7%
NYMEX HOT ROLLED STEEL	LHO	2	0	-	0	-	0	0	-
NYMEX PLATINUM	PO	560	40.33	1288.3%	644.43	-13.1%	703	208.49	237.2%
PALLADIUM	PAO	50	5.81	754.6%	55.1	-9.9%	40	1.04	3797.7%
SILVER	M1S	52	27.81	87.7%	145.38	-64.1%	74	26.85	174.9%
SILVER	M2S	145	73	97.9%	110.86	30.3%	95	23.6	303.1%
SILVER	M3S	119	22.57	426.1%	110.1	7.9%	67	9.6	593.7%
SILVER	M4S	10	10.43	-2.2%	0	-	34	10.81	216.7%
SILVER	M5S	12	3.1	289.3%	0	-	17	2.43	586.3%
SILVER	SO1	166	427.67	-61.2%	371.1	-55.3%	347	288.65	20.2%
SILVER	SO2	296	347.71	-14.8%	318.43	-7.0%	382	269.3	41.9%
SILVER	SO3	399	295.67	35.1%	274.71	45.4%	324	224.94	44.2%
SILVER	SO4	244	197.14	23.7%	207.76	17.4%	223	165.6	34.9%
SILVER	SO5	264	312.71	-15.7%	0	-	101	62.93	60.5%

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Metals Options										
SILVER	W1S	218	70.33	210.5%	80.29	172.0%	114	20.23	466.0%	
SILVER	W2S	140	41.29	239.3%	77.19	81.5%	91	20.97	332.1%	
SILVER	W3S	139	35.19	295.6%	95.48	45.8%	86	13.4	540.8%	
SILVER	W4S	163	15	985.7%	97.62	66.8%	61	4.92	1135.0%	
SILVER	W5S	0	0	-	108.57	-100.0%	27	5.85	356.5%	
Energy Futures										
CRUDE OIL PHY	CL	684,586	705,225.19	-2.9%	778,825.33	-12.1%	817,893	820,708.49	-0.3%	
CRUDE OIL	WS	0	0	-	0	-	0	3.98	-100.0%	
MINY WTI CRUDE OIL	QM	10,886	18,408.57	-40.9%	13,670.05	-20.4%	14,550	27,651.92	-47.4%	
BRENT OIL LAST DAY	BZ	54,151	54,388.14	-0.4%	65,886.1	-17.8%	60,182	69,159.36	-13.0%	
HEATING OIL PHY	HO	133,654	139,268	-4.0%	161,447.48	-17.2%	157,191	158,042.96	-0.5%	
HTG OIL	BH	0	0	-	0	-	0	0.43	-10.8%	
MINY HTG OIL	QH	0	0.38	-8.1%	0.71	-51.0%	1	0.43	20.1%	
RBOB PHY	RB	143,033	133,305.38	7.3%	144,965.14	-1.3%	171,204	163,502.51	4.7%	
MINY RBOB GAS	QU	0	0.29	22.5%	0.24	47.0%	0	0.4	3.4%	
NATURAL GAS	HP	9,765	6,793.86	43.7%	11,268.05	-13.3%	9,680	7,922.07	22.2%	
LTD NAT GAS	HH	22,950	23,247.67	-1.3%	21,819.57	5.2%	17,847	17,486.35	2.1%	
MINY NATURAL GAS	QG	8,240	18,170	-54.7%	8,775.14	-6.1%	10,317	15,110.9	-31.7%	
NATURAL GAS PHY	NG	494,977	349,649.24	41.6%	415,029.71	19.3%	408,437	342,133.63	19.4%	
RBOB GAS	RT	0	0	-	0	-	0	0.29	0.4%	
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-	
ARGUS LLS VS. WTI (ARG) T	E5	207	92.86	122.9%	134.05	54.4%	169	259.52	-35.0%	
ARGUS PROPAN FAR EST INDE	7E	298	328.43	-9.3%	429.81	-30.7%	440	291.69	50.8%	
ARGUS PROPAN(SAUDI ARAMCO	9N	82	91.62	-10.7%	145.86	-43.9%	134	96.95	38.3%	
BRENT BALMO SWAP	J9	0	0	-	0	-	0	6.32	-94.6%	
BRENT CALENDAR SWAP	CY	21	477.14	-95.6%	320.62	-93.4%	402	653.17	-38.4%	
BRENT FINANCIAL FUTURES	MBC	0	11.43	-100.0%	0	-	1	1.95	-26.2%	
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-	
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-	
CAR VINTAGE	GEO	510	138.05	269.4%	760.38	-32.9%	475	171.64	176.8%	
CAR VINTAGE	NGO	522	658.57	-20.7%	606.76	-14.0%	334	569.69	-41.5%	

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Energy Futures										
CEU ENERGY	TFU	0	0	-	0	-	1	0	-	
CEU ENERGY	TTG	245	0	-	358.67	-31.7%	51	0	-	
CHICAGO ETHANOL SWAP	CU	3,793	2,105.43	80.2%	4,001.43	-5.2%	3,723	2,777.79	34.0%	
CHICAGO ULSD PL VS HO SPR	5C	50	15.71	215.0%	30.05	64.7%	46	29.69	54.1%	
CHICAGO UNL GAS PL VS RBO	3C	5	0	-	14.29	-65.0%	2	0	-	
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	17	6.24	167.7%	6.24	167.7%	5	12.38	-62.3%	
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	15	24.81	-40.5%	14.86	-0.7%	22	18.46	19.2%	
CONWAY PROPANE 5 DECIMALS SWAP	8K	545	1,313.24	-58.5%	670.86	-18.7%	840	830.43	1.2%	
CRUDE OIL LAST DAY	26	112	195.14	-42.4%	15.52	623.7%	26	35.13	-26.0%	
CRUDE OIL OUTRIGHTS	42	38	28.71	31.8%	28.1	34.7%	26	40.48	-35.0%	
CRUDE OIL OUTRIGHTS	CC5	0	0	-	0	-	0	7.92	-100.0%	
CRUDE OIL OUTRIGHTS	CSW	0	0	-	0	-	0	5.26	-100.0%	
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	0	0.42	-100.0%	
CRUDE OIL OUTRIGHTS	HTT	7,422	3,618.19	105.1%	5,190.1	43.0%	6,785	3,542.7	91.5%	
CRUDE OIL OUTRIGHTS	LSW	0	0	-	0	-	0	17.32	-97.7%	
CRUDE OIL OUTRIGHTS	WCW	0	0	-	0	-	0	69.4	-100.0%	
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-	
CRUDE OIL PHY	MCL	96,887	87,568.43	10.6%	108,664.43	-10.8%	96,909	119,844.12	-19.1%	
CRUDE OIL SPRDS	ANT	4	0	-	33.67	-89.6%	32	33.73	-5.8%	
CRUDE OIL SPRDS	BKT	0	0	-	0	-	3	0	-	
CRUDE OIL SPRDS	HIL	0	0	-	0	-	0	12.97	-100.0%	
CRUDE OIL SPRDS	WTT	2,135	2,201.33	-3.0%	2,608.24	-18.1%	2,880	2,462.07	17.0%	
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	8.84	-100.0%	
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.02	-100.0%	
DUBAI CRUDE OIL CALENDAR	DC	15	0	-	71.43	-79.0%	16	7.97	105.8%	
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	1,254	0	-	2,028.38	-38.2%	1,247	58.2	2042.8%	
EIA FLAT TAX ONHWAY DIESE	A5	1	13.9	-93.5%	8.57	-89.5%	7	9.18	-19.3%	
EMMISSIONS	CGO	56	54.48	1.9%	128.52	-56.8%	109	93.91	15.7%	
ETHANOL	MTH	0	0	-	0	-	0	0.04	-100.0%	
ETHANOL	Z1B	0	0	-	0	-	0	0	-	

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Energy Futures										
ETHANOL SWAP	MT2	4	10.95	-63.5%	6.19	-35.4%	12	9.36	32.4%	
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	82	138.81	-41.3%	250	-67.4%	195	165.13	18.0%	
EURO 3.5% FUEL OIL RDAM 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	4.66	-100.0%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0	-	
EUROPE 3.5% FUEL OIL RDAM	UV	3	0.14	1684.5%	2.9	-12.2%	2	2.24	-24.9%	
EUROPEAN GASOIL (ICE)	7F	27	0.29	9263.0%	1.57	1602.3%	4	54.18	-93.3%	
EUROPEAN NAPHTHA BALMO	KZ	0	0.19	-100.0%	0	-	1	0.86	-40.7%	
EUROPEAN NAPHTHA CRACK SPR	EN	134	29.29	359.1%	103.19	30.3%	154	88.9	73.1%	
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	0	-	
EUROPE NAPHTHA CALSWAP	UN	19	36.52	-48.0%	41.9	-54.7%	41	29.76	39.1%	
EURO PROPANE CIF ARA SWA	PS	41	69.33	-41.4%	85.48	-52.5%	92	83.96	9.4%	
FREIGHT MARKETS	BL2	36	0	-	34.29	5.0%	12	5.49	118.2%	
FREIGHT MARKETS	CS3	0	0	-	0	-	0	0.04	-100.0%	
FREIGHT MARKETS	CS4	0	0	-	0	-	0	1.91	-85.4%	
FREIGHT MARKETS	FLJ	0	0	-	0	-	0	0	-	
FREIGHT MARKETS	FLP	1	0.33	260.0%	0	-	0	1.21	-74.2%	
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0.14	-100.0%	
FREIGHT MARKETS	T2D	0	0	-	0	-	0	3.13	-100.0%	
FREIGHT MARKETS	TC6	0	0	-	0	-	0	0	-	
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0	-	
FUEL OIL CRACK VS ICE	FO	15	0	-	0	-	1	4.8	-75.5%	
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.26	-54.4%	
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-	
GAS EURO-BOB OXY NWE BARGES	7H	13	3.05	323.3%	11.33	13.8%	14	8.74	61.9%	
GAS EURO-BOB OXY NWE BARGES CRK	7K	44	39.48	11.7%	79.67	-44.6%	94	106.94	-12.1%	
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.18	-100.0%	
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.04	-100.0%	
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0	-	0	0.3	-98.7%	
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0.05	-100.0%	
GASOIL CALENDAR SWAP	GX	0	0	-	0.43	-30.0%	0	4.04	-91.7%	
GASOIL CRACK SPREAD CALEN	GZ	4	0	-	8.57	-56.2%	3	43.71	-92.9%	
GASOIL MINI CALENDAR SWAP	QA	7	1.9	283.2%	12.33	-40.8%	10	12.82	-24.1%	
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0	-	0	0	-	

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Commodity		December 2023			December 2022			November 2023			November 2022		
		ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	ADV NOV 2022	% CHG	ADV Y.T.D 2022	% CHG
Energy Futures													
GRP THREE ULSD(PLT)VS HEA	A6	238	163.1	45.6%	216.1	9.9%	199	209.81	-4.9%				
GRP THREE UNL GS (PLT) VS	A8	217	191.67	13.1%	102.38	111.7%	134	145.47	-7.6%				
GULF COAST 3% FUEL OIL BA	VZ	0	0.48	-100.0%	0	-	0	3.89	-100.0%				
GULF COAST JET VS NYM 2 H	ME	269	236.14	13.8%	281.43	-4.5%	429	421.63	1.8%				
GULF COAST NO.6 FUEL OIL	MF	156	126.38	23.7%	68	129.9%	166	208.83	-20.7%				
GULF COAST NO.6 FUEL OIL	MG	450	610.29	-26.3%	766.33	-41.3%	673	426.99	57.6%				
GULF COAST ULSD CALENDAR	LY	5	14.38	-65.2%	8.57	-41.7%	8	9.2	-10.0%				
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-				
HEATING OIL BALMO CLNDR S	1G	157	8.43	1763.9%	9.52	1549.6%	20	14.69	34.5%				
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.51	-100.0%				
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-				
HEATING OIL PHY	MHO	0	0.05	-100.0%	0.19	-100.0%	0	0.41	-80.5%				
HENRY HUB SWAP	NN	986	1,715.62	-42.5%	1,214.76	-18.8%	1,405	1,319.78	6.5%				
ICE BRENT DUBAI SWAP	DB	0	0	-	0	-	2	9.61	-82.7%				
INDONESIAN COAL ICI4	ICI	0	0	-	0	-	0	0	-				
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-	0	1.71	-97.7%				
JAPAN C&F NAPHTHA SWAP	JA	3	6	-48.3%	11.43	-72.9%	8	5.32	59.6%				
JAPAN NAPHTHA BALMO SWAP	E6	0	0.38	-100.0%	0	-	0	0.06	150.9%				
JET CIF NWE VS ICE	JC	1	4.29	-86.0%	1.43	-58.0%	1	6.43	-85.5%				
JET FUEL UP-DOWN BALMO CL	1M	26	62.14	-57.8%	9.52	175.6%	45	66.42	-32.5%				
JKM LNG Futures	JKM	0	0	-	0	-	0	14.38	-100.0%				
LA CARB DIESEL (OPIS) SWA	KL	6	3.57	54.0%	5.43	1.3%	12	9.6	20.6%				
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	1	0	-				
LA JET (OPIS) SWAP	JS	15	35.71	-59.4%	2.38	509.0%	23	16.53	37.8%				
LLS (ARGUS) VS WTI SWAP	WJ	0	7.62	-100.0%	0	-	2	1.01	134.1%				
MARS (ARGUS) VS WTI SWAP	YX	0	0	-	0	-	0	6.71	-100.0%				
MARS (ARGUS) VS WTI TRD M	YV	513	507.48	1.1%	175	193.1%	691	712.65	-3.0%				
MCCLOSKEY ARA ARGS COAL	MTF	8	52.71	-84.3%	40.71	-79.7%	44	226.65	-80.6%				
MCCLOSKEY RCH BAY COAL	MFF	0	0.95	-100.0%	0	-	0	16.62	-98.7%				
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	0	-	0	-	1	1.05	-50.4%				
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-	1	0.2	522.5%				
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	4	18.95	-81.3%	5.19	-31.6%	6	14.99	-60.3%				
MJC FUT	MJC	0	0	-	0	-	0	0	-				
MNC FUT	MNC	12	66.67	-82.2%	32.29	-63.3%	41	79.5	-48.8%				
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,560	1,344.43	16.0%	1,241.43	25.7%	1,524	1,707.79	-10.7%				

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		ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Futures										
MONT BELVIEU ETHANE OPIS BALMO	8C	25	35.95	-29.8%	28.57	-11.6%	31	43.16	-27.4%	
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	7,998	10,558.9	-24.3%	9,367.43	-14.6%	10,585	8,447.11	25.3%	
MONT BELVIEU LDH PROPANE OPIS BALM	8O	105	157.67	-33.2%	67.43	56.3%	102	130.52	-21.9%	
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	480	1,463.29	-67.2%	690.29	-30.4%	1,085	1,186.35	-8.6%	
MONT BELVIEU NATURAL GASOLINE BALM	R0	22	83.57	-73.4%	36.38	-39.0%	56	81.82	-31.5%	
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	3,109	2,528.76	22.9%	3,145.67	-1.2%	3,268	2,625.49	24.5%	
MONT BELVIEU NORMAL BUTANE BALMO	8J	78	80.86	-4.0%	63.33	22.5%	55	73.43	-24.8%	
NATURAL GAS	NWM	0	0	-	0	-	2	1.22	58.0%	
NATURAL GAS PEN SWP	NP	1,534	1,623.43	-5.5%	1,182.05	29.8%	1,163	2,042.43	-43.1%	
NATURAL GAS PHY	MNG	3,297	0	-	5,111.38	-35.5%	693	0	-	
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	50	14.05	252.4%	40	23.8%	36	38.95	-7.4%	
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	367	94.48	288.1%	114.05	221.5%	128	70.92	80.7%	
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	0	-	
NY HARBOR RESIDUAL FUEL 1	MM	0	6.19	-100.0%	0	-	3	6.2	-51.6%	
NYH NO 2 CRACK SPREAD CAL	HK	43	15.71	175.9%	27.52	57.5%	137	69.26	97.1%	
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	0	-	
NY ULSD (ARGUS) VS HEATING OIL	7Y	8	40.24	-80.1%	62.71	-87.2%	57	28.9	98.3%	
PETROCHEMICALS	22	12	14.57	-19.0%	5.71	106.5%	8	7.32	2.4%	
PETROCHEMICALS	32	1	7.05	-82.3%	2.67	-53.1%	4	2.67	31.5%	
PETROCHEMICALS	3NA	1	0.43	121.7%	4.29	-77.8%	2	1.11	119.2%	
PETROCHEMICALS	51	0	0	-	0	-	0	0.06	288.0%	
PETROCHEMICALS	81	0	0	-	0	-	0	1.69	-85.8%	
PETROCHEMICALS	8I	4	17.14	-78.1%	1.14	228.1%	24	39.44	-38.0%	
PETROCHEMICALS	91	6	23.76	-73.9%	22.38	-72.3%	18	17.49	4.3%	
PETROCHEMICALS	MAA	7	1.43	390.0%	0	-	5	2.07	154.9%	
PETROCHEMICALS	MAE	89	45.48	95.2%	80	10.9%	73	56.01	29.7%	
PETROCHEMICALS	MAS	19	16.19	14.3%	25	-26.0%	24	17.41	38.3%	
PETROCHEMICALS	MBE	0	4.29	-100.0%	0	-	3	3.39	-15.0%	
PETROCHEMICALS	MNB	0	0	-	0	-	0	0.06	-100.0%	

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	ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Futures									
PETROCHEMICALS	MPS	24	21	13.3%	38.81	-38.7%	25	14.68	68.5%
PETROCHEMICALS	PMF	0	0	-	0	-	0	0.06	459.1%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	CRB	798	638.33	24.9%	875.33	-8.9%	676	747.11	-9.6%
PETRO CRCKS & SPRDS NA	EXR	20	8.14	145.6%	25.29	-20.9%	16	12.05	29.7%
PETRO CRCKS & SPRDS NA	GBB	0	0	-	1.19	-100.0%	4	2.79	37.7%
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-	2	0.6	151.0%
PETRO CRCKS & SPRDS NA	GCU	38	0	-	27.14	40.2%	8	1.1	589.7%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	6	5.38	10.1%
PETRO CRCKS & SPRDS NA	HOB	0	0	-	5.71	-100.0%	7	2.3	187.1%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	29	4.76	503.8%	49.05	-41.4%	33	26.9	20.9%
PETRO CRCKS & SPRDS NA	RVG	58	96.9	-40.7%	42.86	34.2%	52	89.37	-41.4%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	1NB	23	4.29	425.0%	0	-	3	10.31	-72.3%
PETRO CRK&SPRD EURO	43	0	0	-	0	-	0	0.48	-14.5%
PETRO CRK&SPRD EURO	BOB	0	0.71	-100.0%	0	-	0	2.47	-80.6%
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	EPN	13	10.43	28.0%	23.1	-42.2%	20	18.06	9.6%
PETRO CRK&SPRD EURO	EVC	0	0	-	0	-	2	3.45	-56.6%
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	0	0.71	-37.0%	1.38	-67.4%	4	3.78	7.5%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-	0	0.2	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0.01	50.0%
PETROLEUM PRODUCTS	CMS	5	24.29	-79.4%	9.52	-47.5%	5	8.37	-36.9%
PETROLEUM PRODUCTS	EWG	12	0	-	0	-	7	19.19	-63.4%
PETROLEUM PRODUCTS	H5F	0	11.19	-100.0%	0	-	2	4.46	-52.0%
PETROLEUM PRODUCTS	JCC	0	19.05	-100.0%	0	-	40	55.64	-28.3%
PETROLEUM PRODUCTS	R5F	1	1.76	-43.2%	1.38	-27.6%	1	2.03	-60.6%
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	0	0	-	0	-	1	4.57	-77.3%
PETROLEUM PRODUCTS ASIA	E6M	0	0.48	-100.0%	0	-	0	0.24	25.5%
PETROLEUM PRODUCTS ASIA	MJN	3	24.38	-88.7%	5.71	-51.9%	17	31.59	-46.3%
PETRO OUTRIGHT EURO	0B	0	0	-	0	-	0	0	-

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	ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Futures									
PETRO OUTFRIGHT EURO	0D	2	1.67	-10.0%	3.33	-55.0%	2	1.55	46.7%
PETRO OUTFRIGHT EURO	0F	2	2.38	-37.0%	1.43	5.0%	1	0.24	112.7%
PETRO OUTFRIGHT EURO	5L	2	0	-	0	-	0	0.12	301.7%
PETRO OUTFRIGHT EURO	7I	0	0	-	0	-	0	1.14	-73.6%
PETRO OUTFRIGHT EURO	7R	0	0	-	0	-	0	0.18	78.9%
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-	0	0.12	-49.8%
PETRO OUTFRIGHT EURO	CPB	16	20.67	-25.0%	13.33	16.3%	11	8.76	20.8%
PETRO OUTFRIGHT EURO	EWN	2	3.43	-56.3%	1.86	-19.2%	10	8.93	15.7%
PETRO OUTFRIGHT EURO	M1B	16	30.95	-48.5%	20.9	-23.7%	38	48.76	-22.1%
PETRO OUTFRIGHT EURO	MBB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	MBN	30	15.24	95.2%	26.19	13.6%	33	26.82	24.7%
PETRO OUTFRIGHT EURO	MEF	0	0	-	0	-	0	0.45	-27.8%
PETRO OUTFRIGHT EURO	MQA	16	0	-	14.14	14.5%	11	0.87	1205.2%
PETRO OUTFRIGHT EURO	R53	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	R5M	44	69.67	-36.7%	39.76	10.9%	49	81.61	-39.4%
PETRO OUTFRIGHT EURO	R5O	22	18.86	15.6%	25.29	-13.8%	27	41.8	-34.6%
PETRO OUTFRIGHT EURO	RBM	0	0	-	0	-	0	0.49	-12.0%
PETRO OUTFRIGHT EURO	S5B	0	0	-	4.24	-100.0%	0	0.02	2271.9%
PETRO OUTFRIGHT EURO	S5F	6	4.9	30.5%	13.57	-52.8%	19	5.43	241.9%
PETRO OUTFRIGHT EURO	S5M	82	92.14	-11.3%	99.24	-17.6%	82	102.57	-20.1%
PETRO OUTFRIGHT EURO	S5O	38	51.81	-25.8%	64.48	-40.4%	40	112.08	-63.9%
PETRO OUTFRIGHT EURO	SMU	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	SR5	0	0.43	-100.0%	0	-	1	0.56	70.9%
PETRO OUTFRIGHT EURO	ULB	0	4.76	-100.0%	0	-	2	2.89	-16.9%
PETRO OUTFRIGHT EURO	V0	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT NA	A8B	7	0	-	1.19	509.0%	8	9.48	-11.6%
PETRO OUTFRIGHT NA	AB6	0	4.76	-100.0%	7.14	-100.0%	15	15.86	-4.4%
PETRO OUTFRIGHT NA	BCR	31	164.29	-81.1%	15.48	100.3%	48	117.61	-59.0%
PETRO OUTFRIGHT NA	JE	0	0	-	0	-	0	0.24	-100.0%
PETRO OUTFRIGHT NA	JET	26	16.67	57.5%	136.9	-80.8%	74	26.73	176.7%
PETRO OUTFRIGHT NA	JTB	9	0	-	2.38	296.9%	11	8.61	23.3%
PETRO OUTFRIGHT NA	MBL	0	0	-	0	-	1	3.67	-76.3%
PETRO OUTFRIGHT NA	MEN	0	0.95	-100.0%	0	-	1	2.45	-39.0%
PETRO OUTFRIGHT NA	MEO	0	0.71	-100.0%	1.71	-100.0%	5	12.44	-62.0%

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		ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Futures										
PETRO OUTRIGHT NA	MMF	0	0	-	0	-	0	0.08	-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	97	26.86	260.1%	84.38	14.6%	67	44.67	49.9%	
PREMIUM UNLND 10P FOB MED	3G	0	0	-	0	-	0	0.44	-86.4%	
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	60	95.1	-37.2%	47.76	25.0%	64	81.78	-21.2%	
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	880	1,081.67	-18.7%	541.76	62.4%	1,107	698.76	58.4%	
RBOB CALENDAR SWAP	RL	260	196.48	32.1%	175.1	48.2%	351	256.14	37.1%	
RBOB CRACK SPREAD	RM	27	2.86	836.3%	1.9	1304.3%	84	60.84	38.1%	
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0.51	-20.9%	
RBOB GASOLINE BALMO CLNDR	1D	24	14.38	64.1%	10.24	130.5%	41	51.1	-20.5%	
RBOB PHY	MRB	0	0.14	-100.0%	0.1	-100.0%	0	0.37	-38.9%	
RBOB PHY	RBL	0	0	-	0	-	0	0	-	
RBOB VS HEATING OIL SWAP	RH	0	0	-	0	-	0	3.88	-96.9%	
SINGAPORE 180CST BALMO	BS	0	0	-	0	-	0	0.01	733.3%	
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0	-100.0%	
SINGAPORE 380CST FUEL OIL	SE	1	2.48	-55.6%	13.67	-92.0%	12	5.48	112.8%	
SINGAPORE FUEL 180CST CAL	UA	0	0.57	-65.0%	0.14	40.0%	0	0.06	194.3%	
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0	-	
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-	0	0.41	-76.4%	
SINGAPORE GASOIL	MAF	1	6.14	-87.8%	0	-	1	16.55	-93.9%	
SINGAPORE GASOIL	MTB	0	0	-	0	-	0	0.78	-100.0%	
SINGAPORE GASOIL	MTS	6	17.52	-66.3%	12.43	-52.5%	15	15.99	-9.1%	
SINGAPORE GASOIL	SBM	0	0	-	0	-	0	1.32	-95.5%	
SINGAPORE GASOIL CALENDAR	MSG	3	1.62	60.6%	5.29	-50.8%	3	5.2	-35.2%	
SINGAPORE GASOIL SWAP	SG	0	0	-	4.76	-100.0%	35	12.57	174.9%	
SINGAPORE GASOIL VS ICE	GA	0	0	-	0	-	0	15.68	-99.5%	
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	0	14.84	-100.0%	
SINGAPORE JET KEROSENE SW	KS	0	0	-	0	-	0	1.61	-100.0%	
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	0	3.23	-87.6%	
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	2.38	-100.0%	3.05	-100.0%	19	2.59	646.1%	

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		ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Futures										
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	1	1.79	-61.6%	
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	0.97	-100.0%	
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	0	-	0	25.52	-100.0%	
ULSD UP-DOWN BALMO SWP	1L	205	209.52	-2.2%	414.29	-50.5%	286	280.43	1.9%	
UP DOWN GC ULSD VS NMX HO	LT	1,861	1,132.81	64.3%	1,792.52	3.8%	1,433	1,229.05	16.6%	
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	0	0	-	
WTI-BRENT CALENDAR SWAP	BK	1,878	1,948.57	-3.6%	2,167.67	-13.4%	2,384	2,389.61	-0.3%	
WTI CALENDAR	CS	3,988	2,450.67	62.7%	4,273.1	-6.7%	3,268	2,867.63	14.0%	
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	8	3.59	112.0%	
WTS (ARGUS) VS WTI SWAP	FF	349	25.71	1256.8%	100	248.9%	165	113.06	46.1%	
WTS (ARGUS) VS WTI TRD MT	FH	1	4.76	-70.6%	7.14	-80.4%	11	28.43	-62.2%	
Energy Options										
BRENT CALENDAR SWAP	BA	2	47.14	-95.5%	26.19	-92.0%	11	16.98	-35.2%	
BRENT CRUDE OIL 1 M CSO	9C	40	714.29	-94.4%	90.48	-55.8%	56	723.11	-92.3%	
BRENT OIL LAST DAY	BE	13	29.76	-58.0%	671.24	-98.1%	228	517.58	-56.0%	
BRENT OIL LAST DAY	BZO	245	334.52	-26.7%	129.33	89.5%	404	773.97	-47.8%	
COAL API2 INDEX	F2C	0	2.38	-100.0%	0	-	2	1.83	3.7%	
COAL API2 INDEX	F2Q	0	0	-	0	-	0	0.4	-100.0%	
CRUDE OIL 1MO	WA	1,771	1,521.43	16.4%	3,815.48	-53.6%	3,258	2,663.46	22.3%	
CRUDE OIL APO	AO	990	943.62	4.9%	3,468.81	-71.5%	1,598	947.31	68.7%	
CRUDE OIL OUTRIGHTS	ECCL	149	528.67	-71.8%	241.52	-38.3%	291	95.17	206.3%	
CRUDE OIL PHY	LC	911	736.19	23.7%	1,496.29	-39.1%	1,240	1,552.39	-20.1%	
CRUDE OIL PHY	LO	102,055	81,373.86	25.4%	156,431.57	-34.8%	122,489	115,266.25	6.3%	
CRUDE OIL PHY	LO1	1,373	1,075.67	27.6%	5,328.62	-74.2%	2,604	1,579.98	64.8%	
CRUDE OIL PHY	LO2	2,020	2,317.71	-12.8%	2,218.43	-8.9%	2,178	1,330.92	63.6%	
CRUDE OIL PHY	LO3	949	859.71	10.4%	2,604.76	-63.6%	1,695	849	99.6%	
CRUDE OIL PHY	LO4	2,211	1,536.52	43.9%	2,425.05	-8.8%	2,228	1,643.57	35.5%	
CRUDE OIL PHY	LO5	3,069	1,129.43	171.7%	0	-	1,010	397.56	153.9%	
CRUDE OIL PHY	MCO	1,010	708.95	42.4%	1,037.43	-2.7%	1,021	279.75	264.9%	
CRUDE OIL PHY	ML1	910	0	-	951.29	-4.4%	269	0	-	
CRUDE OIL PHY	ML2	569	0	-	369.29	54.1%	199	0	-	
CRUDE OIL PHY	ML3	741	0	-	636.19	16.5%	278	0	-	
CRUDE OIL PHY	ML4	430	0	-	1,110.43	-61.2%	304	0	-	

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Commodity		December 2023			December 2023			December 2023		
		ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Options										
CRUDE OIL PHY	ML5	0	0	-	0	-	69	0	-	
CRUDE OIL PHY	MW1	51	33.57	51.9%	126.71	-59.8%	88	32.81	168.1%	
CRUDE OIL PHY	MW2	95	94.48	0.0%	83.48	13.2%	83	42.97	92.5%	
CRUDE OIL PHY	MW3	111	61.76	79.0%	80.86	36.7%	66	23.37	183.9%	
CRUDE OIL PHY	MW4	92	65.9	40.0%	95.05	-2.9%	99	47.78	107.0%	
CRUDE OIL PHY	MW5	71	42.86	64.9%	0	-	31	16.71	88.5%	
CRUDE OIL PHY	WL1	936	0	-	470.14	99.1%	278	0	-	
CRUDE OIL PHY	WL2	706	0	-	601.19	17.5%	254	0	-	
CRUDE OIL PHY	WL3	860	0	-	135.19	535.9%	227	0	-	
CRUDE OIL PHY	WL4	710	0	-	1,095.67	-35.2%	332	0	-	
CRUDE OIL PHY	WL5	0	0	-	1,107.1	-100.0%	144	0	-	
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-	
ETHANOL SWAP	CVR	29	40.71	-27.9%	92.67	-68.3%	121	125.64	-3.9%	
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0.12	-100.0%	
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	2.99	-100.0%	
HEATING OIL PHY	LB	1	0	-	15.81	-96.2%	2	1.52	45.1%	
HEATING OIL PHY	OH	391	744.05	-47.4%	748.81	-47.7%	567	556.1	2.0%	
HENRY HUB FINANCIAL LAST	E7	3,322	483.71	586.9%	1,369.86	142.5%	1,184	250.88	372.0%	
HENRY HUB FINANCIAL LAST	ECNG	121	600.43	-79.8%	82.81	46.3%	95	91.5	4.3%	
HO 1 MONTH CLNDR OPTIONS	FA	65	121.43	-46.5%	111.9	-41.9%	169	41.93	302.1%	
LLS CRUDE OIL	HTO	0	0	-	0	-	0	4.78	-100.0%	
LLS CRUDE OIL	WTO	0	0	-	0	-	12	17.93	-33.1%	
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	0	0	-	
NATURAL GAS	LN1	17	0	-	19.52	-14.5%	20	3.37	495.6%	
NATURAL GAS	LN2	29	0	-	5.67	417.1%	10	5.98	64.2%	
NATURAL GAS	LN3	179	0	-	2.57	6867.0%	22	4.27	414.5%	
NATURAL GAS	LN4	38	0	-	0.62	6006.6%	9	6.04	54.3%	
NATURAL GAS	LN5	44	0	-	0	-	4	0.02	17620.0%	
NATURAL GAS 1 M CSO FIN	G4	3,400	6,521.9	-47.9%	6,052.81	-43.8%	4,420	4,430.2	-0.2%	
NATURAL GAS 2 M CSO FIN	G2	0	0	-	47.62	-100.0%	9	56.18	-84.0%	
NATURAL GAS 3 M CSO FIN	G3	413	30.95	1232.7%	1,452.38	-71.6%	2,684	1,415.1	89.6%	
NATURAL GAS 5 M CSO FIN	G5	0	0	-	95.24	-100.0%	43	192.23	-77.8%	
NATURAL GAS 6 M CSO FIN	G6	88	488.1	-82.1%	47.62	83.8%	296	452.29	-34.5%	
NATURAL GAS OPT	JFO	0	0	-	0	-	0	1.79	-100.0%	
NATURAL GAS OPT	JKO	0	0	-	0	-	0	25.7	-100.0%	

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Commodity	December 2023			November 2023			Year-to-Date		
	ADV DEC 2023	ADV DEC 2022	% CHG	ADV NOV 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG	
Energy Options									
NATURAL GAS OPT	TFO	0	0	-	0	-	0	2.79	-100.0%
NATURAL GAS OPTION ON CALENDAR STR	6J	0	0	-	85.71	-100.0%	7	2.39	201.2%
NATURAL GAS PHY	KD	35	92.86	-62.3%	45.24	-22.6%	41	67.65	-39.4%
NATURAL GAS PHY	LN	156,650	97,960.19	59.9%	163,177.29	-4.0%	136,873	95,244.99	43.7%
NATURAL GAS PHY	ON	4,505	2,994.24	50.4%	4,259.48	5.8%	4,454	3,868.02	15.2%
NATURAL GAS PHY	ON3	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	633	133.62	373.7%	284.43	122.5%	212	100.77	110.8%
PETROCHEMICALS	4H	0	42.86	-100.0%	0	-	2	16.79	-90.2%
PETROCHEMICALS	4J	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	0	0	-	0	-	0	1.49	-75.9%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-	2	14.34	-86.1%
RBOB CALENDAR SWAP	RA	1	0	-	0	-	0	14.36	-98.0%
RBOB PHY	OB	47	52.81	-10.1%	39.67	19.6%	130	169.75	-23.6%
RBOB PHY	RF	2	0	-	30.1	-92.5%	4	6.14	-42.5%
SHORT TERM	U11	0	0	-	0	-	0	1.59	-87.4%
SHORT TERM	U12	8	9.52	-21.2%	0	-	1	2.99	-73.2%
SHORT TERM	U13	10	0	-	9.52	5.0%	5	0.4	1054.6%
SHORT TERM	U14	10	0	-	4.76	110.0%	2	1.99	10.4%
SHORT TERM	U15	0	0	-	4.76	-100.0%	0	0.2	100.8%
SHORT TERM	U22	0	0	-	0	-	0	1.39	-100.0%
SHORT TERM	U23	0	0	-	0	-	0	0	-
SHORT TERM	U24	0	0	-	0	-	0	0.4	0.4%
SHORT TERM	U25	0	0	-	0	-	0	1.59	-74.9%
SHORT TERM	U26	0	0	-	0	-	0	0.8	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	-	0	-	2	1	100.8%
SHORT TERM NATURAL GAS	U02	0	0	-	11.9	-100.0%	2	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	9.52	-100.0%	17	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-	1	3.78	-68.3%
SHORT TERM NATURAL GAS	U05	0	9.52	-100.0%	0	-	5	2.79	72.1%
SHORT TERM NATURAL GAS	U06	0	0	-	28.57	-100.0%	3	2.19	36.9%
SHORT TERM NATURAL GAS	U07	5	0	-	0	-	0	3.69	-89.1%
SHORT TERM NATURAL GAS	U08	0	0	-	2.38	-100.0%	3	0.8	226.3%
SHORT TERM NATURAL GAS	U09	0	4.76	-100.0%	7.14	-100.0%	1	0.4	50.6%
SHORT TERM NATURAL GAS	U10	0	0	-	4.76	-100.0%	2	2.79	-21.1%

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Commodity	December 2023			December 2022			December 2023			December 2022		
	ADV	ADV	% CHG	ADV	% CHG	Y.T.D 2023	Y.T.D 2022	% CHG	ADV	ADV	% CHG	
Energy Options												
SHORT TERM NATURAL GAS	U16	0	0	-	14.29	-100.0%	2	0	-			
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	0	0	-			
SHORT TERM NATURAL GAS	U18	0	0	-	0	-	0	1.39	-85.7%			
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	2	2.39	-33.1%			
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	1	1	40.6%			
SHORT TERM NATURAL GAS	U21	0	9.52	-100.0%	0	-	2	4.58	-60.7%			
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	0	1.39	-71.3%			
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	0.6	-100.0%			
SHORT TERM NATURAL GAS	U30	0	0	-	14.29	-100.0%	3	0.4	552.6%			
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	7	0.8	803.6%			
WTI-BRENT BULLET SWAP	BV	24	464.29	-94.9%	765.48	-96.9%	1,139	1,536.83	-25.9%			
WTI CRUDE OIL 1 M CSO FI	7A	6,380	5,265.48	21.2%	4,904.76	30.1%	4,212	2,951.89	42.7%			
TOTAL FUTURES GROUP												
Energy Futures		1,709,795	1,578,332.52	8.3%	1,784,120.62	-4.2%	1,816,403	1,784,923.47	1.8%			
Metals Futures		475,146	355,209.86	33.8%	584,238.95	-18.7%	520,114	459,227.9	13.3%			
TOTAL FUTURES		2,184,940	1,933,542.38	13.0%	2,368,359.57	-7.7%	2,336,517.26	2,244,151.38	4.1%			
TOTAL OPTIONS GROUP												
Energy Options		299,533	210,229.38	42.5%	370,697.71	-19.2%	299,836	240,528.97	24.7%			
Metals Options		81,366	54,091.71	50.4%	80,120.57	1.6%	79,634	61,414.44	29.7%			
TOTAL OPTIONS		380,900	264,321.1	44.1%	450,818.29	-15.5%	379,469.47	301,943.4	25.7%			
TOTAL COMBINED												
Metals		556,512	409,301.57	36.0%	664,359.52	-16.2%	599,748	520,642.34	15.2%			
Energy		2,009,328	1,788,561.91	12.3%	2,154,818.33	-6.8%	2,116,239	2,025,452.44	4.5%			
GRAND TOTAL		2,565,840	2,197,863.48	16.7%	2,819,177.86	-9.0%	2,715,986.74	2,546,094.78	6.7%			