

NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV NOV 2023	ADV NOV 2022	% CHG	ADV OCT 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Metals Futures									
COMEX GOLD	GC	251,624	258,056.43	-2.5%	226,792.14	10.9%	229,188	221,768.96	3.3%
NYMEX HOT ROLLED STEEL	HR	1,292	883.62	46.2%	1,483.09	-12.9%	1,339	1,047.9	27.8%
NYMEX PLATINUM	PL	27,067	20,647	31.1%	22,790.73	18.8%	23,824	20,152.97	18.2%
PALLADIUM	PA	7,682	3,706.24	107.3%	3,736.45	105.6%	3,666	2,296.17	59.7%
URANIUM	UX	0	0	-	0.05	-100.0%	0	0.1	-79.2%
COMEX SILVER	SI	85,127	88,048.67	-3.3%	65,407.14	30.1%	73,358	69,360.66	5.8%
COMEX E-Mini GOLD	QO	1,096	2,286.33	-52.1%	1,130.36	-3.1%	1,479	1,600.2	-7.6%
COMEX E-Mini SILVER	QI	336	217.52	54.6%	322.18	4.4%	287	186.66	53.5%
COMEX COPPER	HG	126,146	118,981.29	6.0%	91,098.32	38.5%	103,786	88,056.86	17.9%
COMEX MINY COPPER	QC	275	218.14	26.2%	263.55	4.5%	268	171.89	55.6%
ALUMINUM	AEP	51	175.57	-71.0%	5.91	760.7%	80	92.04	-12.6%
ALUMINUM	ALA	0	2.14	-100.0%	0	-	1	8.57	-87.8%
ALUMINUM	ALI	7,685	2,128	261.1%	5,870.5	30.9%	4,491	1,590.8	182.3%
ALUMINUM	AUP	361	358.29	0.7%	455.14	-20.8%	322	342.36	-5.9%
ALUMINUM	EDP	350	204.38	71.4%	301.18	16.3%	222	245.1	-9.4%
ALUMINUM	MJP	0	4.76	-100.0%	0	-	3	13.91	-75.9%
COBALT METAL FUTURES	COB	173	142.24	21.7%	38.59	348.5%	118	60.83	94.2%
COPPER	HGS	137	77.76	76.6%	23.95	473.3%	72	77.96	-7.6%
COPPER	MHG	4,442	4,380.67	1.4%	4,183.09	6.2%	4,968	2,213.63	124.4%
FERROUS PRODUCTS	BUS	149	215.43	-31.0%	88.09	68.8%	63	132.97	-52.8%
FERROUS PRODUCTS	FSF	2	0	-	4.64	-49.7%	1	0	-
GOLD	SGC	90	11.57	677.4%	24.73	263.8%	19	34.29	-43.8%
GOLD	SGU	232	26.19	785.6%	36.73	531.6%	34	232.34	-85.3%
HOT ROLLED COIL STEEL FUTURES	EHR	237	242.95	-2.3%	246.5	-3.7%	244	177.25	37.5%
IRON ORE CHINA	TIO	10	35.81	-71.8%	9.64	4.8%	13	61.59	-78.3%
LITHIUM CARBONATE FUTURES	LTC	0	0	-	0	-	0	0	-
METALS	HDG	0	0.71	-100.0%	0.45	-100.0%	6	2.9	116.0%
METALS	LTH	174	4.33	3925.3%	155.05	12.5%	73	0.65	11170.9%
METALS	PAC	0	0	-	0	-	2	5.65	-61.5%
MICRO GOLD	MGC	57,988	48,616.48	19.3%	66,145.55	-12.3%	65,305	50,877.64	28.4%
MOLYBDENUM OXIDE FUTURES	MOX	8	0	-	7.55	3.5%	6	0	-
SILVER	SIL	11,504	9,485.95	21.3%	12,556.86	-8.4%	10,785	7,912.37	36.3%

Metals Options

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Metals Options									
ALUMINUM	ALO	0	0	-	0	-	0	0	-
ALUMINUM	AX	35	22.95	50.8%	76.91	-55.0%	56	5.38	947.8%
COMEX COPPER	HX	3,789	6,008.14	-36.9%	4,608.05	-17.8%	5,667	4,202.04	34.9%
COMEX GOLD	ECGC	148	283.05	-47.9%	198.23	-25.6%	270	46.1	486.2%
COMEX GOLD	OG	50,241	38,079.62	31.9%	69,203.5	-27.4%	48,875	40,279.08	21.3%
COMEX SILVER	ECSI	35	111.86	-69.0%	6.14	464.9%	147	33.97	332.9%
COMEX SILVER	SO	7,501	8,497.05	-11.7%	7,607.23	-1.4%	7,450	5,689.3	30.9%
COPPER	ECHG	17	86.24	-80.1%	15.09	13.6%	119	22.76	423.4%
COPPER	H1E	58	23.52	146.6%	165.05	-64.9%	55	11.09	396.8%
COPPER	H1M	10	26.86	-64.4%	2.73	250.9%	12	6.89	78.5%
COPPER	H1W	134	4.29	3027.8%	290.18	-53.8%	88	5.79	1412.3%
COPPER	H2E	61	33.33	83.1%	31.41	94.4%	40	13.57	192.8%
COPPER	H2M	16	11.05	42.7%	33.14	-52.4%	18	4.15	341.3%
COPPER	H2W	29	9.95	188.5%	77.45	-62.9%	25	3.08	716.7%
COPPER	H3E	42	17.43	142.6%	12.77	231.1%	32	10.82	199.8%
COPPER	H3M	25	2.19	1058.7%	9.86	157.3%	13	3.47	263.4%
COPPER	H3W	20	2.48	711.5%	18.09	11.1%	16	1.84	763.8%
COPPER	H4E	10	17.71	-42.2%	18.18	-43.7%	19	12.47	54.7%
COPPER	H4M	0	3.76	-100.0%	6.14	-100.0%	9	2.1	318.5%
COPPER	H4W	37	2.19	1593.5%	23.82	55.7%	12	2.8	326.8%
COPPER	H5E	0	0	-	0	-	6	3.09	91.1%
COPPER	H5M	0	0	-	11.68	-100.0%	4	1.57	143.6%
COPPER	H5W	4	12.05	-66.8%	0	-	8	4.2	100.1%
GOLD	1FG	2	0	-	0.68	235.2%	0	0	-
GOLD	1MG	2	0	-	0	-	0	0	-
GOLD	1WG	1	0	-	0.27	196.7%	0	0	-
GOLD	2FG	3	0	-	0	-	0	0	-
GOLD	2MG	3	0	-	0	-	0	0	-
GOLD	2WG	11	0	-	0.09	11739.3%	1	0	-
GOLD	3FG	3	0	-	0.32	887.7%	0	0	-
GOLD	3MG	9	0	-	0	-	1	0	-
GOLD	3WG	1	0	-	0.45	182.9%	0	0	-
GOLD	4FG	3	0	-	0.18	1445.4%	0	0	-
GOLD	4MG	0	0	-	0.18	-100.0%	0	0	-
GOLD	4WG	3	0	-	0.05	6493.4%	0	0	-

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Metals Options									
GOLD	5MG	0	0	-	0.09	-100.0%	0	0	-
GOLD	5WG	2	0	-	0	-	0	0	-
GOLD	G1M	846	320.95	163.4%	400.82	110.9%	545	140.23	289.0%
GOLD	G1W	437	209.48	108.8%	1,066.32	-59.0%	585	219.77	166.0%
GOLD	G2M	741	423.05	75.1%	589.73	25.6%	547	185.72	194.5%
GOLD	G2W	502	400.05	25.6%	746.32	-32.7%	561	190.98	193.7%
GOLD	G3M	1,013	236.14	328.9%	914	10.8%	470	127.16	269.7%
GOLD	G3W	617	509.62	21.0%	715.41	-13.8%	540	219.23	146.5%
GOLD	G4M	0	224.71	-100.0%	872.14	-100.0%	350	101.07	246.8%
GOLD	G4W	845	213.76	295.5%	691.09	22.3%	464	118.08	293.3%
GOLD	G5M	0	0	-	907.41	-100.0%	150	36.8	308.0%
GOLD	G5W	962	425.52	126.1%	0	-	206	99.75	106.5%
GOLD	OG1	2,428	2,665.14	-8.9%	2,960.77	-18.0%	2,288	2,220.99	3.0%
GOLD	OG2	2,437	2,598.52	-6.2%	2,757.68	-11.6%	2,392	2,184.84	9.5%
GOLD	OG3	2,679	1,755.76	52.6%	2,574.59	4.0%	2,344	2,201.24	6.5%
GOLD	OG4	1,506	898.14	67.7%	1,371.73	9.8%	1,570	1,772.53	-11.4%
GOLD	OG5	0	0	-	0	-	621	511.33	21.4%
GOLD	OMG	17	0	-	2.55	586.6%	2	0	-
IRON ORE CHINA	ICT	0	0	-	16.36	-100.0%	2	1.3	20.0%
NYMEX HOT ROLLED STEEL	HRO	138	96.43	42.9%	260.73	-47.1%	130	78.54	65.8%
NYMEX PLATINUM	PO	644	142	353.8%	325.82	97.8%	716	223.84	219.7%
PALLADIUM	PAO	55	0.14	38455.1%	29.55	86.5%	40	0.6	6494.9%
SILVER	M1S	145	235.67	-38.3%	84.59	71.9%	76	26.77	182.8%
SILVER	M2S	111	44.57	148.7%	82.95	33.6%	91	19.09	375.9%
SILVER	M3S	110	7.43	1382.0%	90.82	21.2%	62	8.42	637.5%
SILVER	M4S	0	24.19	-100.0%	68.09	-100.0%	36	10.85	235.0%
SILVER	M5S	0	0	-	74.23	-100.0%	17	2.37	621.0%
SILVER	SO1	371	792.48	-53.2%	505.14	-26.5%	363	275.96	31.4%
SILVER	SO2	318	480.52	-33.7%	497.23	-36.0%	390	262.14	48.6%
SILVER	SO3	275	363.57	-24.4%	427.36	-35.7%	318	218.48	45.5%
SILVER	SO4	208	137.24	51.4%	179.82	15.5%	222	162.72	36.2%
SILVER	SO5	0	0	-	0	-	87	40.13	116.4%
SILVER	W1S	80	19.81	305.3%	149.05	-46.1%	105	15.65	573.8%
SILVER	W2S	77	91.48	-15.6%	187.91	-58.9%	86	19.12	351.6%
SILVER	W3S	95	28.05	240.4%	81.27	17.5%	81	11.41	611.9%

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Metals Options

SILVER	W4S	98	12.38	688.5%	75.27	29.7%	52	4	1197.3%
SILVER	W5S	109	33.9	220.2%	0	-	29	6.38	354.7%

Energy Futures

CRUDE OIL PHY	CL	778,825	781,450.67	-0.3%	858,205	-9.2%	829,485	831,252.61	-0.2%
CRUDE OIL	WS	0	0	-	0	-	0	4.35	-100.0%
MINY WTI CRUDE OIL	QM	13,670	20,605.24	-33.7%	15,153.09	-9.8%	14,869	28,495.88	-47.8%
BRENT OIL LAST DAY	BZ	65,886	69,821.76	-5.6%	75,789.77	-13.1%	60,706	70,508.04	-13.9%
HEATING OIL PHY	HO	161,447	127,360.1	26.8%	166,864.82	-3.2%	159,238	159,757.19	-0.3%
HTG OIL	BH	0	0	-	0	-	0	0.47	-11.1%
MINY HTG OIL	QH	1	0.62	15.4%	0.55	30.9%	1	0.43	22.2%
RBOB PHY	RB	144,965	137,826.05	5.2%	151,516.82	-4.3%	173,654	166,259.64	4.4%
MINY RBOB GAS	QU	0	0.24	0.0%	0.45	-47.6%	0	0.41	2.1%
NATURAL GAS	HP	11,268	7,041.57	60.0%	12,564.18	-10.3%	9,673	8,025.08	20.5%
LTD NAT GAS	HH	21,820	17,422.1	25.2%	18,265.23	19.5%	17,403	16,960.32	2.6%
MINY NATURAL GAS	QG	8,775	15,503.33	-43.4%	7,603.14	15.4%	10,497	14,831.59	-29.2%
NATURAL GAS PHY	NG	415,030	331,409.48	25.2%	420,731.45	-1.4%	400,912	341,447.42	17.4%
RBOB GAS	RT	0	0	-	0	-	0	0.31	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	134	136.67	-1.9%	109.32	22.6%	165	274.74	-39.9%
ARGUS PROPAN FAR EST INDE	7E	430	432.14	-0.5%	673.86	-36.2%	452	288.33	56.9%
ARGUS PROPAN(SAUDI ARAMCO	9N	146	144.14	1.2%	140.5	3.8%	139	97.43	42.2%
BRENT BALMO SWAP	J9	0	0	-	0	-	0	6.9	-94.6%
BRENT CALENDAR SWAP	CY	321	283.24	13.2%	389.95	-17.8%	435	669.24	-35.0%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	2	1.09	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	760	374.43	103.1%	355.36	114.0%	472	174.7	170.3%
CAR VINTAGE	NGO	607	495.19	22.5%	328.5	84.7%	317	561.57	-43.5%
CEU ENERGY	TFU	0	0	-	0	-	1	0	-
CEU ENERGY	TTG	359	0	-	8.05	4358.0%	34	0	-
CHICAGO ETHANOL SWAP	CU	4,001	2,634.95	51.9%	4,077.64	-1.9%	3,717	2,839.18	30.9%

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Energy Futures									
CHICAGO ULSD PL VS HO SPR	5C	30	20.95	43.4%	27.95	7.5%	45	30.97	46.7%
CHICAGO UNL GAS PL VS RBO	3C	14	0	-	0	-	1	0	-
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	6	0.71	773.3%	0.45	1272.5%	4	12.94	-72.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	15	28.81	-48.4%	75.32	-80.3%	23	17.88	26.6%
CONWAY PROPANE 5 DECIMALS SWAP	8K	671	947.71	-29.2%	536.45	25.1%	866	786.35	10.1%
CRUDE OIL LAST DAY	26	16	33.19	-53.2%	23.55	-34.1%	18	20.52	-9.9%
CRUDE OIL OUTRIGHTS	42	28	24.95	12.6%	2.55	1003.7%	25	41.56	-39.1%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	0	-	0	8.64	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	-	0	-	0	5.74	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	0	0.46	-100.0%
CRUDE OIL OUTRIGHTS	HTT	5,190	4,300.9	20.7%	5,962	-12.9%	6,730	3,535.81	90.3%
CRUDE OIL OUTRIGHTS	LSW	0	0	-	0	-	0	18.9	-97.7%
CRUDE OIL OUTRIGHTS	WCW	0	7.14	-100.0%	0	-	0	75.74	-100.0%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	MCL	108,664	106,626.48	1.9%	115,347.95	-5.8%	96,911	122,791.03	-21.1%
CRUDE OIL SPRDS	ANT	34	0	-	6.82	393.8%	34	36.81	-7.0%
CRUDE OIL SPRDS	BKT	0	0	-	0	-	3	0	-
CRUDE OIL SPRDS	HIL	0	0	-	0	-	0	14.15	-100.0%
CRUDE OIL SPRDS	WTT	2,608	2,924.52	-10.8%	2,642.09	-1.3%	2,944	2,485.88	18.4%
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	9.65	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.02	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	71	0	-	68.18	4.8%	17	8.7	90.0%
DUTCH TTF NATURAL GAS CAL MONTH FU1	TTF	2,028	0	-	2,254.5	-10.0%	1,246	63.51	1862.6%
EIA FLAT TAX ONHWAY DIESE	A5	9	55.86	-84.7%	25.23	-66.0%	8	8.74	-8.8%
EMMISSIONS	CGO	129	161.48	-20.4%	143.09	-10.2%	113	97.51	16.1%
ETHANOL	MTH	0	0	-	0	-	0	0.04	-100.0%
ETHANOL	Z1B	0	0	-	0	-	0	0	-
ETHANOL SWAP	MT2	6	7.38	-16.1%	16.14	-61.6%	13	9.22	42.5%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	250	174.05	43.6%	287.27	-13.0%	205	167.53	22.2%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-	1	0	-

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Energy Futures									
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.01	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-	0	5.08	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	3	0.05	6002.5%	2.68	8.3%	2	2.43	-33.9%
EUROPEAN GASOIL (ICE)	7F	2	6.14	-74.4%	2.18	-28.0%	2	59.1	-97.2%
EUROPEAN NAPHTHA BALMO	KZ	0	1.43	-100.0%	0	-	1	0.92	-39.8%
EUROPEAN NAPHTHA CRACK SPR	EN	103	13.95	639.6%	224.36	-54.0%	156	94.35	64.9%
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	UN	42	39.19	6.9%	38.91	7.7%	43	29.15	48.7%
EURO PROPANE CIF ARA SWA	PS	85	81.95	4.3%	127.55	-33.0%	96	85.3	12.9%
FREIGHT MARKETS	BL2	34	6.29	445.5%	10.09	239.8%	10	5.99	65.0%
FREIGHT MARKETS	CS3	0	0	-	0	-	0	0.04	-100.0%
FREIGHT MARKETS	CS4	0	5.71	-100.0%	0	-	0	2.09	-85.4%
FREIGHT MARKETS	FLJ	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	0	0	-	0	-	0	1.29	-81.8%
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0.16	-100.0%
FREIGHT MARKETS	T2D	0	2.71	-100.0%	0	-	0	3.41	-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	0.57	-100.0%	0	-	0	5.23	-100.0%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.29	-54.6%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	7H	11	7	61.9%	10.91	3.9%	14	9.26	54.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	80	59.48	33.9%	138.05	-42.3%	98	113.1	-13.1%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.2	-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	0.48	-100.0%	0	-	0	0.33	-98.7%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0.05	-100.0%
GASOIL CALENDAR SWAP	GX	0	1.71	-75.0%	1.09	-60.7%	0	4.4	-92.3%
GASOIL CRACK SPREAD CALEN	GZ	9	0.57	1400.1%	0	-	3	47.7	-93.6%
GASOIL MINI CALENDAR SWAP	QA	12	17.14	-28.1%	13.09	-5.8%	10	13.81	-28.0%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	216	144.52	49.5%	98.18	120.1%	196	214.08	-8.4%
GRP THREE UNL GS (PLT) VS	A8	102	77.38	32.3%	157.95	-35.2%	127	141.25	-9.9%
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	0	-	0	4.2	-100.0%

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Energy Futures									
GULF COAST JET VS NYM 2 H	ME	281	210.57	33.6%	327.68	-14.1%	443	438.57	1.0%
GULF COAST NO.6 FUEL OIL	MF	68	217.43	-68.7%	101.36	-32.9%	166	216.36	-23.0%
GULF COAST NO.6 FUEL OIL	MG	766	765.76	0.1%	819.32	-6.5%	692	410.25	68.7%
GULF COAST ULSD CALENDAR	LY	9	57.29	-85.0%	27.68	-69.0%	9	8.73	-1.9%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	1G	10	0.95	900.0%	3.59	165.2%	8	15.26	-48.7%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.55	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HEATING OIL PHY	MHO	0	1.71	-88.9%	0	-	0	0.44	-80.4%
HENRY HUB SWAP	NN	1,215	698.67	73.9%	1,221.5	-0.6%	1,441	1,283.64	12.3%
ICE BRENT DUBAI SWAP	DB	0	10.48	-100.0%	0	-	2	10.49	-82.8%
INDONESIAN COAL ICI4	ICI	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-	0	1.86	-97.7%
JAPAN C&F NAPHTHA SWAP	JA	11	2.24	410.6%	9.27	23.2%	9	5.26	70.4%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0.03	483.1%
JET CIF NWE VS ICE	JC	1	0	-	0.27	423.9%	1	6.63	-85.4%
JET FUEL UP-DOWN BALMO CL	1M	10	5.95	60.0%	63.18	-84.9%	46	66.81	-30.5%
JKM LNG Futures	JKM	0	18.38	-100.0%	0	-	0	15.69	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	5	2.05	165.1%	3.91	38.9%	12	10.15	19.2%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	1	0	-
LA JET (OPIS) SWAP	JS	2	1.19	100.0%	12.5	-81.0%	24	14.78	59.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	-	0	-	3	0.4	534.5%
MARS (ARGUS) VS WTI SWAP	YX	0	0	-	0	-	0	7.33	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	175	565.38	-69.0%	592.05	-70.4%	707	731.39	-3.4%
MCCLOSKEY ARA ARGS COAL	MTF	41	101.52	-59.9%	45.41	-10.3%	47	242.53	-80.6%
MCCLOSKEY RCH BAY COAL	MFF	0	0.71	-100.0%	0	-	0	18.05	-98.7%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	0	-	0	-	1	1.14	-50.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-	1	0.22	520.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	5	14.76	-64.8%	4.64	12.0%	6	14.63	-57.9%
MJC FUT	MJC	0	0	-	1.36	-100.0%	0	0	-
MNC FUT	MNC	32	78.95	-59.1%	23.27	38.7%	43	80.67	-46.4%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,241	1,801.86	-31.1%	1,468.77	-15.5%	1,521	1,740.97	-12.6%
MONT BELVIEU ETHANE OPIS BALMO	8C	29	56	-49.0%	55.91	-48.9%	32	43.81	-27.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	9,367	9,503.76	-1.4%	11,173.64	-16.2%	10,810	8,254.29	31.0%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	67	113.29	-40.5%	136.14	-50.5%	102	128.04	-20.6%

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Energy Futures									
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	690	961.48	-28.2%	899.18	-23.2%	1,137	1,161.06	-2.0%
MONT BELVIEU NATURAL GASOLINE BALM	R0	36	113.95	-68.1%	30.68	18.6%	59	81.66	-27.7%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	3,146	2,877.33	9.3%	3,287.86	-4.3%	3,282	2,634.32	24.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	63	75.1	-15.7%	76.77	-17.5%	53	72.76	-26.8%
NATURAL GAS	NWM	0	0	-	0	-	2	1.33	57.4%
NATURAL GAS PEN SWP	NP	1,182	1,293.05	-8.6%	1,889.59	-37.4%	1,131	2,080.69	-45.7%
NATURAL GAS PHY	MNG	5,111	0	-	0	-	467	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	40	23.33	71.4%	23.18	72.5%	35	41.23	-15.3%
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	114	158.43	-28.0%	121.77	-6.3%	107	68.77	56.2%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	0	-
NY HARBOR RESIDUAL FUEL 1	MM	0	3.57	-100.0%	0	-	3	6.2	-47.4%
NYH NO 2 CRACK SPREAD CAL	HK	28	5	450.5%	66.45	-58.6%	145	74.15	95.1%
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	63	47.52	32.0%	27.27	130.0%	62	27.87	121.0%
PETROCHEMICALS	22	6	6.76	-15.5%	6.09	-6.2%	7	6.66	7.0%
PETROCHEMICALS	32	3	4.67	-42.9%	5.59	-52.3%	4	2.27	63.3%
PETROCHEMICALS	3NA	4	0.1	4401.8%	1.55	177.3%	3	1.17	118.6%
PETROCHEMICALS	51	0	0	-	0	-	0	0.07	286.8%
PETROCHEMICALS	81	0	0	-	0	-	0	1.84	-85.8%
PETROCHEMICALS	8I	1	9.52	-88.0%	18.68	-93.9%	26	41.47	-36.7%
PETROCHEMICALS	91	22	32.38	-30.9%	22.05	1.5%	19	16.92	14.0%
PETROCHEMICALS	MAA	0	1.43	-100.0%	0	-	5	2.13	140.8%
PETROCHEMICALS	MAE	80	72.48	10.4%	77.5	3.2%	71	56.97	25.0%
PETROCHEMICALS	MAS	25	21.9	14.1%	19.09	31.0%	25	17.52	40.2%
PETROCHEMICALS	MBE	0	2.38	-100.0%	0	-	3	3.3	-5.3%
PETROCHEMICALS	MNB	0	0	-	0	-	0	0.07	-100.0%
PETROCHEMICALS	MPS	39	29.43	31.9%	22.95	69.1%	25	14.1	75.9%
PETROCHEMICALS	PMF	0	0	-	0.14	-100.0%	0	0.06	456.8%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0	-

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CRB	875	468.1	87.0%	799.77	9.4%	665	757.04	-12.2%
EXR	25	8.19	208.7%	12.23	106.8%	15	12.4	22.9%
GBB	1	0	-	0	-	4	3.04	37.1%
GCI	0	0	-	0	-	2	0.65	150.0%
GCU	27	0	-	21	29.3%	5	1.2	310.2%
GFC	0	0	-	1.59	-100.0%	6	5.87	9.6%
HOB	6	0	-	0	-	7	2.51	186.0%
MFR	0	0	-	0	-	0	0	-
RBB	49	1.19	4019.9%	25	96.2%	33	28.92	13.6%
RVG	43	41	4.5%	3.86	1009.3%	52	88.68	-41.5%
SF3	0	0	-	0	-	0	0	-
1NB	0	18	-100.0%	0	-	1	10.87	-89.4%
43	0	0	-	0	-	0	0.53	-14.9%
BOB	0	0	-	0	-	1	2.63	-80.2%
EOB	0	0	-	0.23	-100.0%	0	0	-
EPN	23	16.57	39.4%	25.18	-8.3%	20	18.75	8.5%
EVC	0	1.9	-100.0%	0	-	2	3.77	-56.7%
GOC	0	0	-	0	-	0	0.04	-100.0%
MUD	0	0	-	0	-	0	0	-
NOB	1	0.81	70.6%	2.77	-50.2%	4	4.06	7.8%
1NM	0	0	-	0	-	0	0.22	-100.0%
BEF	0	0	-	0	-	0	0.01	49.4%
CMS	10	0	-	0	-	5	6.91	-23.3%
EWG	0	2.38	-100.0%	0	-	7	20.94	-68.7%
H5F	0	4.76	-100.0%	0	-	2	3.85	-39.5%
JCC	0	2.38	-100.0%	23.36	-100.0%	43	58.98	-26.5%
R5F	1	0.81	70.6%	0.64	117.0%	1	2.06	-61.9%
S53	0	0	-	0	-	0	0	-
VU	0	0	-	0	-	1	4.99	-77.4%
E6M	0	0	-	0	-	0	0.22	50.0%
MJN	6	11.43	-50.0%	2.05	179.4%	18	32.24	-43.6%
OB	0	0	-	0	-	0	0	-
OD	3	2.86	16.7%	6.18	-46.1%	2	1.54	52.1%
OF	1	0	-	1.14	25.7%	0	0.04	956.3%
5L	0	0.95	-100.0%	0	-	0	0.13	200.1%

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Commodity	ADV NOV 2023	ADV NOV 2022	% CHG	ADV OCT 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Energy Futures								
PETRO OUTRIGHT EURO 7I	0	0	-	0	-	0	1.24	-73.7%
PETRO OUTRIGHT EURO 7R	0	0	-	0.68	-100.0%	0	0.2	78.3%
PETRO OUTRIGHT EURO CBB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO CGB	0	0	-	0	-	0	0.13	-50.0%
PETRO OUTRIGHT EURO CPB	13	3.81	250.0%	3.86	245.1%	10	7.68	32.4%
PETRO OUTRIGHT EURO EWN	2	19.29	-90.4%	13	-85.7%	11	9.43	17.6%
PETRO OUTRIGHT EURO M1B	21	27.33	-23.5%	30.14	-30.6%	40	50.39	-20.8%
PETRO OUTRIGHT EURO MBB	0	0	-	2.73	-100.0%	0	0	-
PETRO OUTRIGHT EURO MBN	26	18.57	41.0%	38.36	-31.7%	34	27.87	21.1%
PETRO OUTRIGHT EURO MEF	0	0.95	-100.0%	2.73	-100.0%	0	0.5	-28.1%
PETRO OUTRIGHT EURO MQA	14	1.43	890.0%	16.18	-12.6%	11	0.95	1051.4%
PETRO OUTRIGHT EURO R53	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO R5M	40	62.14	-36.0%	43.82	-9.3%	50	82.7	-39.6%
PETRO OUTRIGHT EURO R5O	25	22.48	12.5%	28.82	-12.3%	28	43.9	-36.6%
PETRO OUTRIGHT EURO RBM	0	0.48	-100.0%	0	-	0	0.53	-12.3%
PETRO OUTRIGHT EURO S5B	4	0	-	1	323.8%	1	0.02	2264.1%
PETRO OUTRIGHT EURO S5F	14	5.24	159.1%	28.27	-52.0%	20	5.48	258.3%
PETRO OUTRIGHT EURO S5M	99	99.81	-0.6%	83.32	19.1%	82	103.52	-20.9%
PETRO OUTRIGHT EURO S5O	64	50.57	27.5%	50.95	26.5%	41	117.58	-65.5%
PETRO OUTRIGHT EURO SMU	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO SR5	0	0.57	-100.0%	0	-	1	0.57	81.8%
PETRO OUTRIGHT EURO ULB	0	29.76	-100.0%	5.68	-100.0%	3	2.72	-4.0%
PETRO OUTRIGHT EURO V0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA A8B	1	3.57	-66.7%	11.82	-89.9%	8	10.35	-18.1%
PETRO OUTRIGHT NA AB6	7	20.71	-65.5%	44	-83.8%	16	16.87	-2.4%
PETRO OUTRIGHT NA BCR	15	42.86	-63.9%	40.91	-62.2%	50	113.35	-56.1%
PETRO OUTRIGHT NA JE	0	0	-	0	-	0	0.26	-100.0%
PETRO OUTRIGHT NA JET	137	27.38	400.0%	50.41	171.6%	78	27.65	182.5%
PETRO OUTRIGHT NA JTB	2	1.19	100.0%	9.5	-74.9%	11	9.4	14.0%
PETRO OUTRIGHT NA MBL	0	2.86	-100.0%	0	-	1	4	-76.4%
PETRO OUTRIGHT NA MEN	0	0.62	-100.0%	0	-	2	2.58	-37.2%
PETRO OUTRIGHT NA MEO	2	23.67	-92.8%	0	-	5	13.51	-62.0%
PETRO OUTRIGHT NA MMF	0	0	-	0	-	0	0.09	-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	-

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Energy Futures									
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	84	34.71	143.1%	139.32	-39.4%	64	46.3	39.1%
PREMIUM UNLD 10P FOB MED	3G	0	0	-	0	-	0	0.48	-86.5%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	48	95.24	-49.9%	120	-60.2%	65	80.57	-19.5%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	542	1,182.76	-54.2%	1,012.59	-46.5%	1,127	663.8	69.7%
RBOB CALENDAR SWAP	RL	175	374.14	-53.2%	272.27	-35.7%	359	261.58	37.2%
RBOB CRACK SPREAD	RM	2	14.29	-86.7%	65.45	-97.1%	89	66.14	34.6%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0.55	-21.3%
RBOB GASOLINE BALMO CLNDR	1D	10	0.43	2288.7%	6.18	65.6%	42	54.46	-22.7%
RBOB PHY	MRB	0	1.43	-93.3%	0.45	-79.1%	0	0.39	-37.1%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	0	0	-	0	-	0	4.24	-96.9%
SINGAPORE 180CST BALMO	BS	0	0.05	-100.0%	0	-	0	0.01	602.3%
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0	-100.0%
SINGAPORE 380CST FUEL OIL	SE	14	0.95	1335.0%	27.5	-50.3%	13	5.75	118.6%
SINGAPORE FUEL 180CST CAL	UA	0	0	-	1	-85.7%	0	0.01	1237.7%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-	0	0.44	-76.5%
SINGAPORE GASOIL	MAF	0	3.29	-100.0%	0	-	1	17.5	-94.1%
SINGAPORE GASOIL	MTB	0	0	-	0	-	0	0.85	-100.0%
SINGAPORE GASOIL	MTS	12	13.19	-5.8%	8.64	43.9%	15	15.85	-3.5%
SINGAPORE GASOIL	SBM	0	0	-	0.23	-100.0%	0	1.44	-95.5%
SINGAPORE GASOIL CALENDAR	MSG	5	1.24	326.9%	7.77	-32.0%	3	5.53	-37.8%
SINGAPORE GASOIL SWAP	SG	5	0	-	43.64	-89.1%	38	13.72	173.8%
SINGAPORE GASOIL VS ICE	GA	0	0	-	0	-	0	17.11	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	0	16.2	-100.0%
SINGAPORE JET KEROSENE SW	KS	0	0	-	0	-	0	1.76	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	0	3.52	-87.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	3	0	-	13.64	-77.7%	21	2.61	705.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0.57	-100.0%	0	-	1	1.96	-61.8%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	1.06	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	5.71	-100.0%	0	-	0	27.85	-100.0%

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1L	414	214.76	92.9%	112.45	268.4%	293	286.91	2.0%
LT	1,793	975.05	83.8%	498.45	259.6%	1,396	1,237.84	12.8%
BY	0	0	-	5.05	-100.0%	0	0	-
BK	2,168	2,082.29	4.1%	2,499.91	-13.3%	2,428	2,429.88	-0.1%
CS	4,273	2,086.19	104.8%	3,666.5	16.5%	3,206	2,905.7	10.3%
WTL	0	0	-	0	-	8	3.91	111.1%
FF	100	10.29	872.2%	105.64	-5.3%	149	121.03	23.2%
FH	7	0	-	0	-	12	30.59	-62.2%

Energy Options

BRENT CALENDAR SWAP	BA	26	0	-	0	-	12	14.23	-17.2%
BRENT CRUDE OIL 1 M CSO	9C	90	1,678.57	-94.6%	209.09	-56.7%	57	723.91	-92.1%
BRENT OIL LAST DAY	BE	671	940.48	-28.6%	652.14	2.9%	246	562.12	-56.2%
BRENT OIL LAST DAY	BZO	129	435.81	-70.3%	110.82	16.7%	418	814.09	-48.7%
COAL API2 INDEX	F2C	0	0.95	-100.0%	0	-	2	1.78	15.9%
COAL API2 INDEX	F2Q	0	0	-	0	-	0	0.43	-100.0%
CRUDE OIL 1MO	WA	3,815	2,734.52	39.5%	3,940.91	-3.2%	3,387	2,767.73	22.4%
CRUDE OIL APO	AO	3,469	428.76	709.0%	1,160.59	198.9%	1,651	947.64	74.2%
CRUDE OIL OUTRIGHTS	ECCL	242	342.1	-29.4%	258.77	-6.7%	304	55.59	446.6%
CRUDE OIL PHY	LC	1,496	891.9	67.8%	802.14	86.5%	1,269	1,626.92	-22.0%
CRUDE OIL PHY	LO	156,432	130,580.62	19.8%	165,965.64	-5.7%	124,265	118,360.77	5.0%
CRUDE OIL PHY	LO1	5,329	2,645.43	101.4%	3,429.32	55.4%	2,711	1,626.03	66.7%
CRUDE OIL PHY	LO2	2,218	1,994.38	11.2%	2,106.59	5.3%	2,191	1,240.83	76.6%
CRUDE OIL PHY	LO3	2,605	1,058.24	146.1%	2,755.14	-5.5%	1,760	848.03	107.5%
CRUDE OIL PHY	LO4	2,425	2,311.76	4.9%	1,801.86	34.6%	2,229	1,653.34	34.8%
CRUDE OIL PHY	LO5	0	0	-	0	-	831	330.73	151.1%
CRUDE OIL PHY	MCO	1,037	773.67	34.1%	821.55	26.3%	1,022	240.56	324.7%
CRUDE OIL PHY	ML1	951	0	-	213.91	344.7%	213	0	-
CRUDE OIL PHY	ML2	369	0	-	541.41	-31.8%	166	0	-
CRUDE OIL PHY	ML3	636	0	-	794.18	-19.9%	238	0	-
CRUDE OIL PHY	ML4	1,110	0	-	1,025.86	8.2%	293	0	-
CRUDE OIL PHY	ML5	0	0	-	785.45	-100.0%	75	0	-
CRUDE OIL PHY	MW1	127	102.9	23.1%	79.18	60.0%	91	32.74	178.4%
CRUDE OIL PHY	MW2	83	120.95	-31.0%	67.09	24.4%	82	38.27	113.5%

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Energy Options									
CRUDE OIL PHY	MW3	81	56.1	44.1%	48.05	68.3%	62	19.86	214.7%
CRUDE OIL PHY	MW4	95	149.38	-36.4%	70.73	34.4%	99	46.13	115.6%
CRUDE OIL PHY	MW5	0	0	-	0	-	28	14.32	96.2%
CRUDE OIL PHY	WL1	470	0	-	1,004.64	-53.2%	221	0	-
CRUDE OIL PHY	WL2	601	0	-	698.09	-13.9%	214	0	-
CRUDE OIL PHY	WL3	135	0	-	626.64	-78.4%	172	0	-
CRUDE OIL PHY	WL4	1,096	0	-	1,045.95	4.8%	299	0	-
CRUDE OIL PHY	WL5	1,107	0	-	0	-	157	0	-
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	93	91	1.8%	157.41	-41.1%	129	133.39	-3.5%
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0.13	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	3.26	-100.0%
HEATING OIL PHY	LB	16	0	-	1.09	1349.2%	2	1.66	41.4%
HEATING OIL PHY	OH	749	681.86	9.8%	740.18	1.2%	583	538.93	8.1%
HENRY HUB FINANCIAL LAST	E7	1,370	307.19	345.9%	1,935.23	-29.2%	998	229.63	334.8%
HENRY HUB FINANCIAL LAST	ECNG	83	205.14	-59.6%	10.27	706.1%	93	45.03	106.9%
HO 1 MONTH CLNDR OPTIONS	FA	112	71.43	56.7%	159.09	-29.7%	178	34.67	412.2%
LLS CRUDE OIL	HTO	0	0	-	0	-	0	5.22	-100.0%
LLS CRUDE OIL	WTO	0	0	-	0	-	13	19.57	-33.3%
MCCLOSKEY ARA ARGV COAL	MTO	0	0	-	0	-	0	0	-
NATURAL GAS	LN1	20	7.14	173.3%	37.09	-47.4%	20	3.68	453.8%
NATURAL GAS	LN2	6	0	-	50.32	-88.7%	8	6.53	24.5%
NATURAL GAS	LN3	3	0	-	8.82	-70.8%	8	4.66	78.2%
NATURAL GAS	LN4	1	0	-	0	-	7	6.6	3.8%
NATURAL GAS	LN5	0	0	-	0	-	0	0.02	200.5%
NATURAL GAS 1 M CSO FIN	G4	6,053	3,683.33	64.3%	5,447.73	11.1%	4,509	4,239.22	6.4%
NATURAL GAS 2 M CSO FIN	G2	48	0	-	0	-	10	61.3	-84.0%
NATURAL GAS 3 M CSO FIN	G3	1,452	154.76	838.5%	136.36	965.1%	2,881	1,541.48	86.9%
NATURAL GAS 5 M CSO FIN	G5	95	95.24	0.0%	0	-	46	209.78	-77.9%
NATURAL GAS 6 M CSO FIN	G6	48	589.29	-91.9%	277.27	-82.8%	315	449.02	-29.9%
NATURAL GAS OPT	JFO	0	0	-	0	-	0	1.96	-100.0%
NATURAL GAS OPT	JKO	0	40.48	-100.0%	0	-	0	28.04	-100.0%
NATURAL GAS OPT	TFO	0	0	-	0	-	0	3.04	-100.0%
NATURAL GAS OPTION ON CALENDAR STR	6J	86	0	-	0	-	8	2.61	200.0%
NATURAL GAS PHY	KD	45	19.05	137.5%	52.27	-13.5%	42	65.35	-36.5%

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Energy Options									
NATURAL GAS PHY	LN	163,177	89,401.43	82.5%	184,399.45	-11.5%	135,153	94,997.08	42.3%
NATURAL GAS PHY	ON	4,259	3,056.52	39.4%	5,750.41	-25.9%	4,450	3,947.8	12.7%
NATURAL GAS PHY	ON3	0	0	-	0.05	-100.0%	0	0	-
NY HARBOR HEAT OIL SWP	AT	284	121.1	134.9%	87.18	226.2%	176	97.77	79.8%
PETROCHEMICALS	4H	0	0	-	0	-	2	14.41	-87.6%
PETROCHEMICALS	4J	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	0	0	-	0	-	0	1.63	-76.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	11.9	-100.0%	0	-	2	15.65	-86.1%
RBOB CALENDAR SWAP	RA	0	0.95	-100.0%	0	-	0	15.67	-98.3%
RBOB PHY	OB	40	100.67	-60.6%	53.91	-26.4%	137	180.43	-24.2%
RBOB PHY	RF	30	1.43	2006.6%	0.82	3578.2%	4	6.7	-45.7%
SHORT TERM	U11	0	4.76	-100.0%	2.27	-100.0%	0	1.74	-87.5%
SHORT TERM	U12	0	0	-	2.27	-100.0%	0	2.39	-90.9%
SHORT TERM	U13	10	0	-	2.27	319.1%	4	0.43	850.0%
SHORT TERM	U14	5	0	-	0	-	2	2.17	-30.0%
SHORT TERM	U15	5	0	-	0	-	0	0.22	100.0%
SHORT TERM	U22	0	0	-	0	-	0	1.52	-100.0%
SHORT TERM	U23	0	0	-	2.27	-100.0%	0	0	-
SHORT TERM	U24	0	0	-	4.55	-100.0%	0	0.43	0.0%
SHORT TERM	U25	0	0	-	4.55	-100.0%	0	1.74	-75.0%
SHORT TERM	U26	0	0	-	0	-	0	0.87	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	-	0	-	2	1.09	100.0%
SHORT TERM NATURAL GAS	U02	12	0	-	0	-	2	0	-
SHORT TERM NATURAL GAS	U03	10	0	-	0	-	19	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-	1	4.13	-68.4%
SHORT TERM NATURAL GAS	U05	0	0	-	9.09	-100.0%	5	2.17	140.0%
SHORT TERM NATURAL GAS	U06	29	0	-	0	-	3	2.39	36.4%
SHORT TERM NATURAL GAS	U07	0	0	-	0	-	0	4.02	-100.0%
SHORT TERM NATURAL GAS	U08	2	0	-	0	-	3	0.87	225.0%
SHORT TERM NATURAL GAS	U09	7	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U10	5	23.81	-80.0%	2.27	109.5%	2	3.04	-21.4%
SHORT TERM NATURAL GAS	U16	14	0	-	0	-	2	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U18	0	0	-	2.27	-100.0%	0	1.52	-85.7%

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Energy Options								
SHORT TERM NATURAL GAS U19	0	0	-	4.55	-100.0%	2	2.61	-33.3%
SHORT TERM NATURAL GAS U20	0	0	-	0	-	2	1.09	40.0%
SHORT TERM NATURAL GAS U21	0	0	-	0	-	2	4.13	-52.6%
SHORT TERM NATURAL GAS U28	0	0	-	0	-	0	1.52	-71.4%
SHORT TERM NATURAL GAS U29	0	7.14	-100.0%	0	-	0	0.65	-100.0%
SHORT TERM NATURAL GAS U30	14	0	-	0	-	3	0.43	550.0%
SHORT TERM NATURAL GAS U31	0	0	-	4.55	-100.0%	8	0.87	800.0%
WTI-BRENT BULLET SWAP BV	765	590.48	29.6%	1,463.64	-47.7%	1,236	1,634.76	-24.4%
WTI CRUDE OIL 1 M CSO FI 7A	4,905	3,540.48	38.5%	4,948.86	-0.9%	4,023	2,740.65	46.8%

TOTAL FUTURES GROUP

Energy Futures	1,784,121	1,656,834.24	7.7%	1,893,748	-5.8%	1,825,673	1,803,786.13	1.2%
Metals Futures	584,239	559,158.48	4.5%	503,178.14	16.1%	524,024	468,725.2	11.8%
TOTAL FUTURES	2,368,360	2,215,992.71	6.9%	2,396,926.14	-1.2%	2,349,697.89	2,272,511.33	3.4%

TOTAL OPTIONS GROUP

Energy Options	370,698	250,053.1	48.2%	396,774.09	-6.6%	299,862	243,295.45	23.3%
Metals Options	80,121	66,646.43	20.2%	102,124.68	-21.5%	79,483	62,083.03	28.0%
TOTAL OPTIONS	450,818	316,699.52	42.3%	498,898.77	-9.6%	379,345.11	305,378.49	24.2%

TOTAL COMBINED

Metals	664,360	625,804.9	6.2%	605,302.82	9.8%	603,508	530,808.24	13.7%
Energy	2,154,818	1,906,887.33	13.0%	2,290,522.09	-5.9%	2,125,535	2,047,081.58	3.8%
GRAND TOTAL	2,819,178	2,532,692.24	11.3%	2,895,824.91	-2.6%	2,729,043	2,577,889.82	5.9%