

NYMEX/COMEX Exchange ADV Report - Monthly

October 2022

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Commodity		ADV OCT 2022	ADV OCT 2021	% CHG	ADV SEP 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Metals Futures									
COMEX GOLD	GC	190,422	196,143.52	-2.9%	215,724.29	-11.7%	218,123	235,697.59	-7.5%
NYMEX HOT ROLLED STEEL	HR	1,056	1,105.29	-4.4%	1,003.1	5.3%	1,064	1,001.34	6.3%
NYMEX PLATINUM	PL	19,809	14,262.9	38.9%	26,496	-25.2%	20,103	17,421.25	15.4%
PALLADIUM	PA	1,911	2,046.29	-6.6%	1,572.05	21.5%	2,154	2,308.18	-6.7%
URANIUM	UX	0	2.52	-100.0%	0	-	0	5.66	-98.0%
COMEX SILVER	SI	64,129	56,397.43	13.7%	64,704.33	-0.9%	67,483	80,289.8	-16.0%
COMEX E-Mini GOLD	QO	2,170	896.48	142.1%	1,737.33	24.9%	1,531	1,083.97	41.3%
COMEX E-Mini SILVER	QI	208	179.81	15.9%	154.86	34.6%	184	282.98	-35.1%
COMEX COPPER	HG	86,725	85,052.52	2.0%	82,684.19	4.9%	84,950	102,604.76	-17.2%
COMEX MINY COPPER	QC	134	422.76	-68.3%	144.67	-7.3%	167	224.75	-25.6%
ALUMINUM	A38	0	0	-	0	-	0	0.83	-100.0%
ALUMINUM	AEP	64	81.62	-21.5%	31.48	103.6%	84	128.83	-35.1%
ALUMINUM	ALA	0	4.29	-100.0%	7.14	-100.0%	9	17.44	-47.2%
ALUMINUM	ALI	2,507	709.71	253.2%	2,641.71	-5.1%	1,537	555.41	176.7%
ALUMINUM	AUP	452	433.62	4.1%	323.43	39.6%	341	303.86	12.1%
ALUMINUM	EDP	458	218.67	109.6%	184.24	148.7%	249	159.54	56.2%
ALUMINUM	MJP	11	51.43	-77.8%	5.71	100.0%	15	15.17	-2.2%
COBALT METAL FUTURES	COB	129	8.57	1405.0%	59.24	117.8%	53	14.11	273.1%
COPPER	HGS	85	10.14	738.0%	3.57	2280.0%	78	108.62	-28.2%
COPPER	MHG	3,398	0	-	3,178	6.9%	1,996	0	-
FERROUS PRODUCTS	BUS	130	60.48	114.9%	136.43	-4.7%	125	70.93	75.8%
GOLD	4GC	0	0	-	0	-	0	0.56	-100.0%
GOLD	SGC	14	72.19	-80.5%	21.19	-33.5%	37	80.85	-54.8%
GOLD	SGU	24	542.38	-95.6%	117.19	-79.6%	253	277.72	-8.9%
HOT ROLLED COIL STEEL FUTURES	EHR	287	37.38	667.8%	249.1	15.2%	171	52.41	225.6%
IRON ORE CHINA	TIO	42	28.95	44.7%	41.43	1.1%	64	44.91	42.9%
METALS	HDG	2	0	-	5.95	-72.0%	3	0.68	355.9%
METALS	LTH	2	0	-	1.14	41.7%	0	0.05	480.5%
METALS	PAC	0	0	-	0	-	6	0	-
MICRO GOLD	MGC	44,852	50,222.95	-10.7%	49,887.48	-10.1%	51,105	57,046.67	-10.4%
SILVER	SIL	8,239	4,931.19	67.1%	8,138.19	1.2%	7,754	9,425.4	-17.7%
Metals Options									
ALUMINUM	ALO	0	0	-	0	-	0	10.77	-100.0%

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Metals Options									
ALUMINUM	AX	26	0	-	10.38	146.3%	4	0	-
COMEX COPPER	HX	3,902	3,089.14	26.3%	5,253.38	-25.7%	4,021	3,195.88	25.8%
COMEX GOLD	ECGC	112	0	-	110	1.7%	22	0	-
COMEX GOLD	OG	39,313	35,166.86	11.8%	40,258.57	-2.3%	40,500	33,514.87	20.8%
COMEX SILVER	ECSI	147	0	-	113.05	30.1%	26	0	-
COMEX SILVER	SO	6,844	4,630.43	47.8%	7,194.48	-4.9%	5,407	7,464.36	-27.6%
COPPER	ECHG	88	0	-	74.67	18.4%	16	0	-
COPPER	H1E	25	0.05	52521.0%	10.43	140.2%	10	0.22	4276.2%
COPPER	H1M	4	0	-	31.67	-88.3%	5	0	-
COPPER	H1W	5	0	-	9.52	-49.5%	6	0	-
COPPER	H2E	19	0	-	8.48	127.5%	12	0.21	5531.0%
COPPER	H2M	3	0	-	6.95	-58.2%	3	0	-
COPPER	H2W	8	0	-	2.19	265.2%	2	0	-
COPPER	H3E	13	0.43	2888.7%	3.67	249.4%	10	0.16	6337.2%
COPPER	H3M	4	0	-	4.38	-13.0%	4	0	-
COPPER	H3W	6	0	-	1.43	306.7%	2	0	-
COPPER	H4E	22	0.1	23459.3%	4.48	401.1%	12	0.71	1574.5%
COPPER	H4M	4	0	-	0.52	718.0%	2	0	-
COPPER	H4W	1	0	-	15.48	-92.6%	3	0	-
COPPER	H5E	0	0.24	-100.0%	11	-100.0%	3	0.03	10040.6%
COPPER	H5M	7	0	-	0	-	2	0	-
COPPER	H5W	0	0	-	0	-	3	0	-
GOLD	G1M	282	0	-	436.86	-35.4%	122	0	-
GOLD	G1W	662	0	-	478.24	38.5%	221	0	-
GOLD	G2M	190	0	-	411.57	-53.8%	162	0	-
GOLD	G2W	428	0	-	443.24	-3.4%	170	0	-
GOLD	G3M	272	0	-	370.33	-26.7%	116	0	-
GOLD	G3W	244	0	-	575.95	-57.6%	190	0	-
GOLD	G4M	188	0	-	261.43	-28.2%	89	0	-
GOLD	G4W	25	0	-	286.67	-91.4%	108	0	-
GOLD	G5M	182	0	-	0	-	40	0	-
GOLD	G5W	0	0	-	0	-	67	0	-
GOLD	OG1	2,075	991.52	109.2%	1,239.38	67.4%	2,176	2,012.86	8.1%
GOLD	OG2	1,648	1,463.05	12.7%	1,394.24	18.2%	2,143	1,985.81	7.9%
GOLD	OG3	2,007	1,689.33	18.8%	1,867.76	7.5%	2,246	1,990.05	12.9%

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Metals Options									
GOLD	OG4	1,282	1,582.48	-19.0%	2,238.67	-42.7%	1,860	1,303.46	42.7%
GOLD	OG5	0	1,612.57	-100.0%	1,876.38	-100.0%	563	591.4	-4.9%
IRON ORE CHINA	ICT	0	7.14	-100.0%	0	-	1	29.66	-95.2%
NYMEX HOT ROLLED STEEL	HRO	126	17.38	623.3%	50	151.4%	77	14.21	440.1%
NYMEX PLATINUM	PO	135	161.14	-16.2%	79.9	69.1%	232	145.53	59.5%
PALLADIUM	PAO	0	8.19	-95.3%	0.19	99.9%	1	31.4	-97.9%
SILVER	M1S	13	0	-	11.57	14.0%	6	0	-
SILVER	M2S	60	0	-	32.57	83.2%	17	0	-
SILVER	M3S	28	0	-	16.48	70.8%	9	0	-
SILVER	M4S	47	0	-	11.67	302.4%	10	0	-
SILVER	M5S	16	0	-	0	-	3	0	-
SILVER	SO1	315	107.24	193.3%	153.86	104.4%	224	148.88	50.5%
SILVER	SO2	312	133.19	134.2%	126.29	147.0%	240	160.11	50.0%
SILVER	SO3	406	194.62	108.8%	209.43	94.0%	204	138.85	46.9%
SILVER	SO4	200	162.33	23.3%	153.62	30.3%	165	93.36	77.0%
SILVER	SO5	0	142.33	-100.0%	178.76	-100.0%	44	42.25	4.5%
SILVER	W1S	48	0	-	44.05	9.7%	15	0	-
SILVER	W2S	25	0	-	50.81	-51.5%	12	0	-
SILVER	W3S	27	0	-	21.57	26.5%	10	0	-
SILVER	W4S	0	0	-	5.24	-98.2%	3	0	-
SILVER	W5S	0	0	-	0	-	4	0	-
Energy Futures									
CRUDE OIL PHY	CL	682,840	1,167,812.43	-41.5%	728,396.1	-6.3%	836,257	995,226.05	-16.0%
CRUDE OIL	WS	0	0	-	0	-	5	17.86	-73.2%
MINY WTI CRUDE OIL	QM	22,088	20,557.52	7.4%	28,891.29	-23.5%	29,289	19,918.06	47.0%
BRENT OIL LAST DAY	BZ	69,052	100,751.76	-31.5%	61,661.81	12.0%	70,577	96,871.99	-27.1%
HEATING OIL PHY	HO	168,815	185,065.33	-8.8%	167,586.9	0.7%	163,012	153,537.35	6.2%
HTG OIL	BH	2	0.57	200.0%	0	-	1	0.59	-12.9%
MINY HTG OIL	QH	0	0.19	150.0%	0.43	11.1%	0	0.29	41.0%
RBOB PHY	RB	145,367	190,291.48	-23.6%	133,582.43	8.8%	169,117	193,249.21	-12.5%
MINY RBOB GAS	QU	0	0.33	0.0%	0.43	-22.2%	0	0.41	4.6%

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Energy Futures									
NATURAL GAS	HP	7,055	12,633.86	-44.2%	5,919.14	19.2%	8,124	7,799.67	4.2%
LTD NAT GAS	HH	16,614	19,251.9	-13.7%	17,327.81	-4.1%	16,914	16,121.93	4.9%
MINY NATURAL GAS	QG	9,468	25,209.24	-62.4%	12,360.76	-23.4%	14,764	8,539.8	72.9%
NATURAL GAS PHY	NG	305,304	429,581.19	-28.9%	291,032.19	4.9%	342,456	394,082.93	-13.1%
RBOB GAS	RT	1	1.14	0.0%	0	-	0	0.4	-14.3%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	305	255.71	19.2%	235	29.7%	289	417.93	-30.9%
ARGUS PROPAN FAR EST INDE	7E	292	393.86	-25.9%	265.33	10.1%	274	295.68	-7.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	89	108.14	-17.5%	94.86	-6.0%	93	87.29	6.2%
BRENT BALMO SWAP	J9	0	0	-	0	-	8	6.29	20.8%
BRENT CALENDAR SWAP	CY	397	293.86	35.1%	565.05	-29.7%	708	474.58	49.2%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-	0	19.14	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0.48	-100.0%	1	0	-
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	0	0.33	-100.0%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAR VINTAGE	GEO	267	93.14	187.2%	132	102.6%	155	45.37	240.8%
CAR VINTAGE	NGO	397	198.52	100.1%	371.67	6.9%	568	87.26	551.2%
CHICAGO ETHANOL SWAP	CU	2,788	3,958.1	-29.6%	2,880	-3.2%	2,860	3,515.34	-18.7%
CHICAGO ULSD PL VS HO SPR	5C	73	6.43	1040.7%	27.38	167.8%	32	17.69	80.8%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	2.03	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	17	5.38	223.0%	3.81	356.3%	14	15.59	-9.1%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	16	22.62	-30.5%	25	-37.1%	17	14.27	17.6%
CONWAY PROPANE 5 DECIMALS SWAP	8K	882	768.62	14.7%	799.24	10.3%	770	710.98	8.3%
CRUDE OIL	LPS	0	0	-	0	-	0	0	-
CRUDE OIL LAST DAY	26	19	12.67	46.6%	26.24	-29.2%	19	12.79	50.5%
CRUDE OIL OUTRIGHTS	42	20	6.14	224.0%	48.1	-58.6%	43	14.51	197.9%
CRUDE OIL OUTRIGHTS	CC5	20	22.86	-12.1%	0	-	10	47.4	-79.9%
CRUDE OIL OUTRIGHTS	CSW	3	1.43	100.0%	0	-	6	67.08	-90.6%
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	1	11.79	-95.7%
CRUDE OIL OUTRIGHTS	HTT	3,133	3,709.9	-15.5%	3,722.95	-15.8%	3,459	2,902.01	19.2%
CRUDE OIL OUTRIGHTS	LSW	4	27.86	-86.0%	17.14	-77.2%	21	49.2	-57.7%
CRUDE OIL OUTRIGHTS	WCW	7	144.29	-95.4%	19.05	-65.0%	83	164.32	-49.7%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	0	0	-	0	-	0	96.4	-100.0%

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Energy Futures									
CRUDE OIL PHY	MCL	103,740	61,727.86	68.1%	125,804.43	-17.5%	124,415	22,193.29	460.6%
CRUDE OIL SPRDS	ANT	16	31.43	-50.0%	76.19	-79.4%	41	19.84	104.1%
CRUDE OIL SPRDS	HIL	0	11.9	-100.0%	0	-	16	25.6	-39.2%
CRUDE OIL SPRDS	WTT	2,050	2,067.76	-0.9%	2,759.33	-25.7%	2,442	1,211.47	101.6%
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	PAP	0	0	-	0	-	0	0	-
DAILY PJM	PEO	0	0	-	0	-	0	0	-
DAILY PJM	PWO	0	0	-	0	-	0	0	-
DAILY PJM	PWP	0	0	-	0	-	0	0	-
DAILY PJM	WOR	0	0	-	0	-	0	0	-
DAILY PJM	ZAO	0	0	-	0	-	0	0	-
DAILY PJM	ZGO	0	0	-	0	-	0	0	-
DAILY PJM	ZJO	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	FY	0	42.86	-100.0%	0	-	11	12.99	-18.2%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.14	-83.3%
DOMINION TRANSMISSION INC	PG	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	0	-	10	0	-
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	0	455.05	-100.0%	2.14	-100.0%	70	2,065.4	-96.6%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	A5	0	1.71	-100.0%	0	-	4	20.76	-80.7%
ELEC FINSETTLED	47	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	0	-
EMMISSIONS	CGO	68	0	-	126.38	-45.9%	91	0	-
ETHANOL	MTH	0	0	-	0	-	0	0.05	0.0%
ETHANOL SWAP	MT2	14	10.48	36.4%	6.43	122.2%	9	8.67	8.4%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	133	234.86	-43.6%	360.67	-63.3%	167	176.75	-5.6%
EURO 3.5% FUEL OIL RDAM B	KR	0	1.43	-100.0%	0	-	0	0.22	-100.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0.14	-100.0%	0	0	-
EURO GASOIL 10PPM VS ICE	ET	0	56.52	-100.0%	0	-	6	13.24	-57.8%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0.4	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-	0	0.06	-100.0%
EUROPE 3.5% FUEL OIL RDAM	UV	1	2.19	-71.7%	0	-	3	2.11	26.5%

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Energy Futures										
EUROPEAN GASOIL (ICE)	7F	9	124.1	-92.4%	7.76	22.1%	64	38.19	68.7%	
EUROPEAN NAPHTHA BALMO	KZ	0	0	-	0.9	-73.7%	1	0.21	321.0%	
EUROPEAN NAPHTHA CRACK SPR	EN	62	72.81	-15.5%	34.95	76.0%	102	78.59	30.3%	
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	3.4	-100.0%	
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0.1	-100.0%	
EUROPE NAPHTHA CALSWAP	UN	16	36.71	-55.5%	16.52	-1.2%	28	29.09	-3.3%	
EURO PROPANE CIF ARA SWA	PS	110	94.05	17.1%	121.38	-9.3%	86	73.81	16.0%	
FREIGHT MARKETS	BF2	0	0	-	0	-	0	0.57	-100.0%	
FREIGHT MARKETS	BL2	0	5	-100.0%	40	-100.0%	6	1.12	429.8%	
FREIGHT MARKETS	CS3	0	0	-	0	-	0	0	-	
FREIGHT MARKETS	CS4	0	0	-	0	-	2	0	-	
FREIGHT MARKETS	FLJ	0	0.48	-100.0%	0	-	0	0.44	-100.0%	
FREIGHT MARKETS	FLP	3	0.95	240.0%	0	-	1	2.94	-51.8%	
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0.33	-48.6%	
FREIGHT MARKETS	T2D	1	14.71	-93.5%	0	-	3	3.75	-7.1%	
FREIGHT MARKETS	T8C	0	0	-	0	-	0	0.05	-100.0%	
FREIGHT MARKETS	TC6	0	0	-	0	-	0	0	-	
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0	-	
FREIGHT MARKETS	USE	0	0	-	0	-	0	0.43	-100.0%	
FUEL OIL CRACK VS ICE	FO	0	2.86	-100.0%	0	-	6	10.54	-45.9%	
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.34	-8.3%	
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-	
GAS EURO-BOB OXY NWE BARGES	7H	1	37.62	-97.3%	5.76	-82.6%	9	32.9	-71.2%	
GAS EURO-BOB OXY NWE BARGES CRK	7K	57	297.71	-80.7%	73.52	-21.8%	118	250.17	-52.6%	
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.29	-25.0%	
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.2	-76.2%	
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.71	-100.0%	0	-	0	0.78	-59.5%	
GASOIL 10PPM VS ICE SWAP	TP	1	0	-	0	-	0	0	-	
GASOIL CALENDAR SWAP	GX	0	14.48	-98.0%	0.57	-50.0%	5	6.8	-31.3%	
GASOIL CRACK SPREAD CALEN	GZ	0	72.29	-100.0%	0.57	-100.0%	52	75.65	-30.7%	
GASOIL MINI CALENDAR SWAP	QA	6	14.05	-60.7%	4.29	28.9%	13	16.52	-18.4%	
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	2.19	-100.0%	0	-	0	1.14	-100.0%	
GRP THREE ULSD(PLT)VS HEA	A6	230	300.48	-23.5%	169.05	35.9%	221	210.22	5.2%	
GRP THREE UNL GS (PLT) VS	A8	43	107.14	-59.8%	122.62	-64.9%	148	125.81	17.4%	
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	0	-	5	3.41	35.8%	

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Energy Futures									
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	ME	249	807.05	-69.2%	299.76	-17.1%	461	1,017.74	-54.7%
GULF COAST NO.6 FUEL OIL	MF	460	14.52	3066.2%	310.81	48.0%	216	87.15	148.1%
GULF COAST NO.6 FUEL OIL	MG	639	447.62	42.8%	448.57	42.5%	375	118.36	216.4%
GULF COAST ULSD CALENDAR	LY	0	0	-	1.19	-100.0%	4	19.8	-80.6%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	1G	4	18.76	-77.9%	0	-	17	13.9	20.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	1	11.72	-94.8%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HEATING OIL PHY	MHO	2	0	-	0.76	150.0%	0	0	-
HENRY HUB SWAP	NN	1,121	938.9	19.4%	1,795.86	-37.6%	1,342	1,567.66	-14.4%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	0	7.38	-100.0%	0	-	10	26.81	-60.9%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-	0	0.22	-100.0%
INDIANA MISO	FTD	0	0	-	0	-	0	0	-
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	ICI	0	0	-	0	-	0	5.38	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-	2	0	-
JAPAN C&F NAPHTHA SWAP	JA	7	1.43	370.0%	0.76	781.3%	6	2.98	87.0%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0.06	-50.0%
JET CIF NWE VS ICE	JC	1	2.14	-46.7%	1.29	-11.1%	7	6.53	11.8%
JET FUEL UP-DOWN BALMO CL	1M	12	59.76	-80.5%	10.95	6.5%	73	75.78	-3.8%
JKM LNG Futures	JKM	16	9.14	74.5%	34.9	-54.3%	15	26.76	-42.4%
LA CARB DIESEL (OPIS) SWA	KL	0	6.19	-92.3%	4.29	-88.9%	11	9.31	17.8%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	0	1.08	-100.0%
LA JET (OPIS) SWAP	JS	2	48.81	-95.1%	2.38	0.0%	16	24.02	-32.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	0	28.57	-100.0%	0	-	0	11.72	-96.2%
MARS (ARGUS) VS WTI SWAP	YX	0	14.29	-100.0%	0	-	8	8.37	-3.7%
MARS (ARGUS) VS WTI TRD M	YV	723	899.67	-19.6%	874.33	-17.3%	748	884.65	-15.4%
MCCLOSKEY ARA ARGS COAL	MTF	44	890.43	-95.0%	144.67	-69.5%	257	659.63	-61.1%
MCCLOSKEY RCH BAY COAL	MFF	4	51.05	-92.5%	29.43	-87.1%	20	43.25	-54.2%
MGN1 SWAP FUT	MGN	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	0	-	0.95	-100.0%	1	0.6	110.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-	0	1.87	-87.2%

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Energy Futures									
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	6	20.43	-69.7%	5.24	18.2%	15	27.84	-47.5%
MJC FUT	MJC	0	0	-	0	-	0	0.24	-100.0%
MNC FUT	MNC	74	52.9	39.1%	81.24	-9.4%	81	39.97	102.3%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,527	1,973.57	-22.6%	2,118.33	-27.9%	1,735	1,398.34	24.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	10	217.67	-95.2%	65.33	-84.0%	43	40.18	6.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	9,172	10,721.95	-14.5%	9,274.24	-1.1%	8,129	9,021.29	-9.9%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	76	146.48	-48.2%	110.62	-31.4%	130	152.5	-15.1%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	1,291	630.9	104.6%	1,197.33	7.8%	1,181	697.83	69.3%
MONT BELVIEU NATURAL GASOLINE BALM	R0	134	33.81	296.3%	90.48	48.1%	78	30.93	153.5%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	2,752	3,043.43	-9.6%	3,082.9	-10.7%	2,610	2,646.58	-1.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	107	69.95	53.0%	55.67	92.2%	73	61.32	18.3%
NATURAL GAS PEN SWP	NP	1,573	2,732.19	-42.4%	1,616.14	-2.7%	2,160	2,596.81	-16.8%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	0	0	-
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	29	20	44.0%	80.24	-64.1%	43	7.51	472.7%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	JN	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 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	MP	49	89.95	-45.1%	99.9	-50.5%	60	48.34	23.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	7.51	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	4	15.48	-76.9%	1.19	200.0%	6	10.64	-39.3%
NYH NO 2 CRACK SPREAD CAL	HK	64	106.38	-39.8%	16.71	282.9%	81	78.87	2.8%
NYISO CAPACITY	LHV	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	D2	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	40	28.57	40.0%	13.52	195.8%	26	3.11	732.6%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-
PETROCHEMICALS	22	4	13.62	-71.3%	10.19	-61.7%	7	8.15	-18.4%
PETROCHEMICALS	32	4	6.52	-32.8%	1.14	283.3%	2	2.95	-31.1%
PETROCHEMICALS	3NA	2	1	114.3%	0.67	221.4%	1	0.71	79.2%
PETROCHEMICALS	51	0	0	-	0	-	0	0	-
PETROCHEMICALS	81	0	0	-	0	-	2	0.7	188.5%

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	OCT 2022	OCT 2021		SEP 2022		Y.T.D 2022	Y.T.D 2021		Y.T.D 2021		
Energy Futures											
PETROCHEMICALS	81	80	64.57	24.1%	35.86	123.5%	45	57.11	-21.8%		
PETROCHEMICALS	91	18	32.9	-45.4%	24.24	-25.9%	15	18.87	-18.6%		
PETROCHEMICALS	MAA	0	6.19	-100.0%	1.43	-100.0%	2	2.03	8.2%		
PETROCHEMICALS	MAE	62	101.67	-39.5%	67.14	-8.4%	55	44.31	25.1%		
PETROCHEMICALS	MAS	15	60.24	-75.5%	8.57	72.2%	17	17.49	-2.3%		
PETROCHEMICALS	MBE	0	8.1	-100.0%	4.76	-100.0%	3	3.11	9.2%		
PETROCHEMICALS	MNB	0	0	-	0	-	0	9.76	-99.3%		
PETROCHEMICALS	MPS	16	15.1	3.8%	21.81	-28.2%	13	17.88	-29.7%		
PETROCHEMICALS	NWM	15	0	-	0	-	1	0	-		
PETROCHEMICALS	PMF	0	0	-	0.1	-100.0%	0	0.04	55.5%		
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	0	-		
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0	-		
PETRO CRCKS & SPRDS NA	CRB	552	1,194.62	-53.8%	612.86	-9.9%	786	1,006.34	-21.9%		
PETRO CRCKS & SPRDS NA	EXR	6	29.43	-78.6%	4.29	46.7%	13	30.07	-57.3%		
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-	0	0	-		
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-	3	3.13	6.9%		
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-	1	1.77	-59.5%		
PETRO CRCKS & SPRDS NA	GCU	0	0	-	0	-	1	4.21	-68.7%		
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	6	2.2	193.5%		
PETRO CRCKS & SPRDS NA	HOB	0	27.38	-100.0%	0	-	3	18.56	-85.1%		
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0.69	-100.0%		
PETRO CRCKS & SPRDS NA	RBB	32	127.95	-75.0%	4.76	573.0%	32	72.32	-56.2%		
PETRO CRCKS & SPRDS NA	RVG	82	0	-	0.71	11366.4%	93	54.4	71.8%		
PETRO CRK&SPRD EURO	1NB	16	0	-	0	-	10	1.83	453.8%		
PETRO CRK&SPRD EURO	43	0	0	-	0	-	1	0.1	476.0%		
PETRO CRK&SPRD EURO	BOB	0	9.86	-100.0%	0.71	-100.0%	3	5.65	-48.7%		
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0.02	-100.0%		
PETRO CRK&SPRD EURO	EPN	18	21.71	-18.0%	21.67	-17.8%	19	24.6	-22.9%		
PETRO CRK&SPRD EURO	EVC	2	2.86	-33.3%	0	-	4	4	-1.1%		
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0	-		
PETRO CRK&SPRD EURO	MGB	0	0.48	-100.0%	0	-	0	0.33	-100.0%		
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-	0	0	-		
PETRO CRK&SPRD EURO	NOB	4	0.52	581.8%	1.43	150.0%	4	2.31	89.9%		
PETROLEUM PRODUCTS	1NM	0	0	-	0	-	0	3.43	-93.0%		
PETROLEUM PRODUCTS	BEB	0	0	-	0	-	0	0.01	-100.0%		

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Energy Futures									
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0.01	-33.3%
PETROLEUM PRODUCTS	CMS	17	14.29	16.7%	14.29	16.7%	8	3.49	117.8%
PETROLEUM PRODUCTS	EWG	7	73.24	-90.2%	36.86	-80.6%	23	23.67	-3.7%
PETROLEUM PRODUCTS	H5F	7	0	-	13.57	-47.4%	4	0.29	1208.3%
PETROLEUM PRODUCTS	JCC	107	30.95	246.2%	10.48	922.7%	65	10.29	528.7%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	0.07	-100.0%
PETROLEUM PRODUCTS	R5E	0	0.24	-100.0%	0	-	0	0.02	-100.0%
PETROLEUM PRODUCTS	R5F	1	4.1	-72.1%	3	-61.9%	2	2.11	3.2%
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	UCS	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	0	1.43	-100.0%	0	-	5	1.63	236.7%
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0.24	100.0%	0	0.05	400.4%
PETROLEUM PRODUCTS ASIA	MJN	15	23.38	-34.8%	10.95	39.1%	34	12.51	174.5%
PETRO OUTFRIGHT EURO	0B	0	0	-	0	-	0	1.07	-100.0%
PETRO OUTFRIGHT EURO	0C	0	0	-	0	-	0	0.36	-100.0%
PETRO OUTFRIGHT EURO	0D	3	2.67	10.7%	1.14	158.3%	1	4.19	-66.3%
PETRO OUTFRIGHT EURO	0E	0	0	-	0	-	0	0.1	-100.0%
PETRO OUTFRIGHT EURO	0F	0	0	-	0	-	0	0.04	0.0%
PETRO OUTFRIGHT EURO	1T	0	0	-	0	-	0	0.1	-100.0%
PETRO OUTFRIGHT EURO	5L	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	7I	0	0	-	0	-	1	0.24	470.1%
PETRO OUTFRIGHT EURO	7R	0	0.95	-60.0%	0	-	0	0.3	-25.8%
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-	0	0.16	-100.0%
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	CPB	1	2.86	-80.0%	5.52	-89.7%	8	16.66	-51.6%
PETRO OUTFRIGHT EURO	EFM	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTFRIGHT EURO	ENS	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	EWN	23	20.67	10.6%	21.71	5.3%	8	9.6	-12.1%
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	-	0	0.02	-100.0%
PETRO OUTFRIGHT EURO	H5G	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	JFB	0	0	-	0	-	0	0.05	-100.0%
PETRO OUTFRIGHT EURO	M1B	39	40.52	-4.0%	52.71	-26.2%	53	60.73	-13.2%
PETRO OUTFRIGHT EURO	MBB	0	0	-	0	-	0	1.15	-100.0%
PETRO OUTFRIGHT EURO	MBN	20	13.52	44.4%	37	-47.2%	29	16.99	69.6%

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		OCT 2022	OCT 2021	% CHG	SEP 2022	% CHG	Y.T.D 2022	Y.T.D 2021	% CHG	
Energy Futures										
PETRO OUTFRIGHT EURO	MEF	0	2.86	-100.0%	0.71	-100.0%	0	11.18	-96.0%	
PETRO OUTFRIGHT EURO	MQA	0	1.67	-100.0%	0	-	1	0.31	189.2%	
PETRO OUTFRIGHT EURO	R53	0	1.67	-100.0%	0	-	0	0.61	-100.0%	
PETRO OUTFRIGHT EURO	R5B	0	0	-	0	-	0	0.27	-100.0%	
PETRO OUTFRIGHT EURO	R5M	69	89.52	-23.4%	86.76	-21.0%	85	56.17	50.9%	
PETRO OUTFRIGHT EURO	R5O	24	30.9	-21.3%	36.81	-33.9%	46	33.57	37.2%	
PETRO OUTFRIGHT EURO	RBM	0	0	-	0.29	-100.0%	1	0.16	229.4%	
PETRO OUTFRIGHT EURO	S5B	0	0	-	0	-	0	0.02	0.0%	
PETRO OUTFRIGHT EURO	S5F	5	4.05	18.8%	4.19	14.8%	6	5.17	6.5%	
PETRO OUTFRIGHT EURO	S5M	99	95.48	3.4%	84.95	16.3%	104	83.33	24.7%	
PETRO OUTFRIGHT EURO	S5O	34	90.62	-62.6%	58.14	-41.7%	124	53.32	133.2%	
PETRO OUTFRIGHT EURO	SMU	0	9.52	-100.0%	0	-	0	6.7	-100.0%	
PETRO OUTFRIGHT EURO	SR5	1	0	-	1.43	-60.0%	1	0	-	
PETRO OUTFRIGHT EURO	TLB	0	1.19	-100.0%	0	-	0	0.12	-100.0%	
PETRO OUTFRIGHT EURO	V0	0	6.29	-100.0%	0	-	0	2.15	-100.0%	
PETRO OUTFRIGHT NA	A8B	2	10.24	-76.7%	16.67	-85.7%	11	5.22	111.5%	
PETRO OUTFRIGHT NA	AB6	28	6.9	306.9%	1.19	2259.9%	16	9.23	78.5%	
PETRO OUTFRIGHT NA	BCR	98	144.86	-32.6%	38.1	156.3%	120	88.55	36.0%	
PETRO OUTFRIGHT NA	FCB	0	1.52	-100.0%	0	-	0	0.15	-100.0%	
PETRO OUTFRIGHT NA	JE	0	0	-	0	-	0	1.32	-78.2%	
PETRO OUTFRIGHT NA	JET	46	21.43	116.7%	33.33	39.3%	28	19.26	43.7%	
PETRO OUTFRIGHT NA	JTB	4	0	-	0	-	10	3.18	221.2%	
PETRO OUTFRIGHT NA	MBL	4	13.43	-73.4%	4.29	-16.7%	4	3.21	28.2%	
PETRO OUTFRIGHT NA	MEN	0	4.52	-100.0%	0.38	-100.0%	3	3	-7.3%	
PETRO OUTFRIGHT NA	MEO	14	14	2.7%	18.1	-20.5%	12	21.86	-42.9%	
PETRO OUTFRIGHT NA	MFD	0	0	-	0	-	0	0	-	
PETRO OUTFRIGHT NA	MMF	0	0	-	0.48	0.0%	0	0.31	-69.2%	
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 NI HUB 5MW REAL TIME	B6	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	64	67.67	-5.2%	51.43	24.7%	47	63.35	-25.1%	

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Energy Futures										
PREMIUM UNLD 10P FOB MED	3G	0	8.57	-100.0%	0	-	1	0.89	-40.0%	
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	114	43.57	162.7%	46.19	147.8%	79	64.91	21.8%	
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	675	597.81	13.0%	512.24	31.8%	612	763.14	-19.9%	
RBOB CALENDAR SWAP	RL	400	348.1	14.9%	132.14	202.8%	250	329.38	-24.0%	
RBOB CRACK SPREAD	RM	19	147.57	-87.3%	20.71	-9.2%	71	101.07	-29.4%	
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	1	0	-	
RBOB GASOLINE BALMO CLNDR	1D	31	33.95	-9.3%	17.62	74.9%	60	38.29	56.4%	
RBOB PHY	MRB	1	0	-	0.1	1450.6%	0	0	-	
RBOB PHY	RBL	0	0	-	0	-	0	0	-	
RBOB VS HEATING OIL SWAP	RH	20	0	-	0	-	5	5.29	-11.8%	
SINGAPORE 180CST BALMO	BS	0	0	-	0	-	0	0	-	
SINGAPORE 380CST BALMO	BT	0	0.62	-100.0%	0	-	0	0.11	-95.6%	
SINGAPORE 380CST FUEL OIL	SE	1	7.95	-92.8%	0.19	199.9%	6	8.78	-29.0%	
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	-	0	0	-	
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0.06	-100.0%	
SINGAPORE FUEL OIL SPREAD	SD	2	0	-	0.86	150.0%	0	0	-	
SINGAPORE GASOIL	MAF	4	13.9	-73.6%	2.43	51.0%	19	13.11	44.5%	
SINGAPORE GASOIL	MTB	0	0.48	-100.0%	0	-	1	0.25	276.9%	
SINGAPORE GASOIL	MTS	18	23.52	-21.9%	9.67	90.1%	16	17.48	-7.8%	
SINGAPORE GASOIL	SBM	0	0	-	0	-	2	0.56	181.3%	
SINGAPORE GASOIL CALENDAR	MSG	3	14.76	-80.3%	1.29	125.9%	6	38.81	-84.6%	
SINGAPORE GASOIL SWAP	SG	1	27.9	-97.4%	0	-	15	62.6	-75.9%	
SINGAPORE GASOIL VS ICE	GA	0	28.57	-100.0%	0	-	19	47.98	-60.8%	
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	18	9.52	87.2%	
SINGAPORE JET KEROSENE SW	KS	0	30.48	-100.0%	0	-	2	10.22	-81.0%	
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	4	2.92	32.8%	
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	77.14	-100.0%	0	-	3	31.37	-90.8%	
TC2 ROTTERDAM TO USAC 37K	TM	7	9.29	-26.2%	1.43	380.0%	2	1.44	46.0%	
TC5 RAS TANURA TO YOKOHAM	TH	0	14.29	-100.0%	2.29	-100.0%	1	2.97	-60.8%	
TD3 MEG TO JAPAN 250K MT	TL	2	46.1	-95.9%	2.86	-33.3%	30	54.55	-44.9%	
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-	0	0	-	
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	-	0	-	0	12.13	-100.0%	
ULSD UP-DOWN BALMO SWP	1L	349	299.52	16.6%	79.76	337.9%	294	233.46	26.0%	
UP DOWN GC ULSD VS NMX HO	LT	1,038	1,792.48	-42.1%	685.43	51.4%	1,264	1,663.82	-24.0%	
WTI-BRENT CALENDAR SWAP	BK	2,121	3,667.48	-42.2%	1,831.67	15.8%	2,465	2,354.35	4.7%	

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Energy Futures									
WTI CALENDAR	CS	2,240	2,516.9	-11.0%	3,233.81	-30.7%	2,988	2,494.28	19.8%
WTI MIDLAND CRUDE OIL	WTL	29	0	-	14.29	100.0%	4	12.7	-66.1%
WTS (ARGUS) VS WTI SWAP	FF	7	341.48	-97.9%	223.57	-96.8%	132	183.52	-28.0%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	-	33.33	-100.0%	34	29.07	15.8%
Energy Options									
BRENT CALENDAR SWAP	BA	7	8.14	-15.8%	0	-	16	14.65	6.9%
BRENT CRUDE OIL 1 M CSO	9C	1,429	76.19	1775.0%	0	-	628	947.61	-33.7%
BRENT OIL LAST DAY	BE	648	1,565.33	-58.6%	266.67	142.9%	524	1,073.41	-51.2%
BRENT OIL LAST DAY	BZO	661	1,051.33	-37.2%	585.29	12.9%	852	1,151.63	-26.0%
COAL API2 INDEX	F2C	0	0.24	-100.0%	0	-	2	6.65	-71.9%
COAL API2 INDEX	F2Q	0	3.57	-100.0%	0	-	0	5.07	-90.6%
CRUDE OIL	6Y	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	WA	900	2,910.95	-69.1%	1,199.76	-25.0%	2,771	5,650.91	-51.0%
CRUDE OIL APO	AO	1,107	1,231.24	-10.1%	471.29	134.9%	1,000	1,526.31	-34.5%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	ECCL	199	0	-	68	192.2%	27	0	-
CRUDE OIL PHY	LC	1,313	1,547.14	-15.1%	1,197.38	9.7%	1,701	572.18	197.2%
CRUDE OIL PHY	LO	108,738	139,993.57	-22.3%	99,994.48	8.7%	117,133	115,912.03	1.1%
CRUDE OIL PHY	LO1	1,784	676.57	163.6%	989.52	80.3%	1,524	889.49	71.3%
CRUDE OIL PHY	LO2	1,377	1,673.05	-17.7%	1,199.19	14.8%	1,165	794.22	46.7%
CRUDE OIL PHY	LO3	1,157	10.33	11096.3%	619.9	86.6%	827	584.12	41.6%
CRUDE OIL PHY	LO4	1,423	1,397.95	1.8%	2,118.48	-32.8%	1,587	1,051.63	50.9%
CRUDE OIL PHY	LO5	0	1,787.62	-100.0%	1,519.71	-100.0%	364	379.46	-4.1%
CRUDE OIL PHY	MCO	525	0	-	570.19	-8.0%	187	0	-
CRUDE OIL PHY	MW1	63	0	-	31.9	98.8%	26	0	-
CRUDE OIL PHY	MW2	54	0	-	71.24	-24.7%	30	0	-
CRUDE OIL PHY	MW3	46	0	-	43.67	4.6%	16	0	-
CRUDE OIL PHY	MW4	50	0	-	67.57	-26.1%	36	0	-
CRUDE OIL PHY	MW5	0	0	-	83.62	-100.0%	16	0	-
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	68	299.1	-77.2%	69.24	-1.7%	138	145.11	-5.1%
ETHANOL SWAP	GVR	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0	-

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Energy Options									
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	4	9.47	-62.1%
HEATING OIL PHY	FZ	0	0	-	0	-	0	10.65	-100.0%
HEATING OIL PHY	LB	0	12	-100.0%	0	-	2	9.14	-80.0%
HEATING OIL PHY	OH	524	470.86	11.3%	383.48	36.7%	525	380.93	37.7%
HENRY HUB FINANCIAL LAST	E7	245	127.48	92.0%	79.29	208.6%	222	395.87	-44.0%
HENRY HUB FINANCIAL LAST	ECNG	154	0	-	133.67	15.5%	29	0	-
HO 1 MONTH CLNDR OPTIONS	FA	52	0	-	0	-	31	0.96	3137.6%
LLS CRUDE OIL	HTO	0	0	-	0	-	6	0	-
LLS CRUDE OIL	WTO	0	0	-	57.14	-100.0%	22	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	0	2.58	-100.0%
NATURAL GAS	LN1	0	0	-	0.71	-100.0%	3	0	-
NATURAL GAS	LN2	0	0	-	37.71	-100.0%	7	0	-
NATURAL GAS	LN3	0	0	-	0	-	5	0	-
NATURAL GAS	LN4	0	0	-	0.05	-100.0%	7	0	-
NATURAL GAS	LN5	0	0	-	0	-	0	0	-
NATURAL GAS 1 M CSO FIN	G4	3,061	6,574.24	-53.4%	3,700	-17.3%	4,295	2,731.14	57.3%
NATURAL GAS 2 M CSO FIN	G2	0	128.57	-100.0%	0	-	67	105.74	-36.2%
NATURAL GAS 3 M CSO FIN	G3	48	0	-	1,987.62	-97.6%	1,681	1,186.57	41.7%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	221	64.11	245.1%
NATURAL GAS 6 M CSO FIN	G6	167	359.52	-53.6%	95.24	75.0%	435	516.27	-15.8%
NATURAL GAS OPT	JFO	7	0	-	0	-	2	0	-
NATURAL GAS OPT	JKO	0	114.29	-100.0%	9.52	-100.0%	27	91.2	-70.6%
NATURAL GAS OPT	TFO	0	9.52	-100.0%	0	-	3	735.74	-99.5%
NATURAL GAS OPTION ON CALENDAR STR	6J	0	0	-	0	-	3	292.92	-99.0%
NATURAL GAS PHY	KD	14	61.67	-76.8%	130.95	-89.1%	70	97.85	-28.5%
NATURAL GAS PHY	LN	86,621	84,014.29	3.1%	68,967.05	25.6%	95,559	101,023.96	-5.4%
NATURAL GAS PHY	ON	2,865	3,769.62	-24.0%	2,611.43	9.7%	4,037	4,234.72	-4.7%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	51	34.52	47.2%	70.81	-28.2%	95	46.23	106.4%
PETROCHEMICALS	4H	6	16.33	-65.0%	1.43	300.0%	16	45.51	-65.2%
PETROCHEMICALS	4J	0	0	-	0	-	0	6.29	-100.0%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0	-	0	-	0	0.86	-100.0%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	0	7.14	-100.0%	0	-	2	6.17	-70.9%

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Energy Options										
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	0	-	
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	0	-	
RBOB 1MO CAL SPD OPTIONS	ZA	14	0	-	23.81	-40.0%	16	0	-	
RBOB CALENDAR SWAP	RA	1	4	-85.7%	0.76	-25.0%	17	6.1	181.4%	
RBOB PHY	OB	56	363.1	-84.7%	340.38	-83.7%	188	362.06	-48.0%	
RBOB PHY	RF	4	0	-	1.43	166.7%	7	2.3	214.6%	
SHORT TERM	U11	0	0	-	0	-	1	0.24	500.1%	
SHORT TERM	U12	0	0	-	0	-	3	0.48	449.9%	
SHORT TERM	U13	0	0	-	0	-	0	0.96	-50.0%	
SHORT TERM	U14	0	14.29	-100.0%	0	-	2	1.44	66.7%	
SHORT TERM	U15	0	0	-	2.38	-100.0%	0	1.67	-85.7%	
SHORT TERM	U22	0	0	-	7.14	-100.0%	2	0	-	
SHORT TERM	U24	5	0	-	0	-	0	0.48	0.0%	
SHORT TERM	U25	0	0	-	0	-	2	1.44	33.3%	
SHORT TERM	U26	0	0	-	0	-	1	0.36	166.7%	
SHORT TERM NATURAL GAS	U01	0	0	-	0	-	1	1.08	11.1%	
SHORT TERM NATURAL GAS	U02	0	0	-	0	-	0	3.11	-100.0%	
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	0	0.48	-100.0%	
SHORT TERM NATURAL GAS	U04	0	0	-	0	-	5	1.67	171.4%	
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	2	0.96	150.0%	
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	3	3.83	-31.3%	
SHORT TERM NATURAL GAS	U07	0	0	-	0	-	4	1.56	184.6%	
SHORT TERM NATURAL GAS	U08	0	0	-	0	-	1	0.24	300.0%	
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	0	1.44	-100.0%	
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	1	0.48	100.0%	
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	0	0.36	-100.0%	
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	0	0.72	-100.0%	
SHORT TERM NATURAL GAS	U18	0	0	-	0	-	2	0.48	250.0%	
SHORT TERM NATURAL GAS	U19	2	0	-	0	-	3	0	-	
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	1	1.44	-16.7%	
SHORT TERM NATURAL GAS	U21	0	0	-	0	-	5	1.44	216.7%	
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	0	0.24	-100.0%	
SHORT TERM NATURAL GAS	U28	12	0	-	0	-	2	0.48	250.0%	
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	0.24	-100.0%	
SHORT TERM NATURAL GAS	U30	0	0	-	0	-	0	1.2	-60.0%	

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Energy Options									
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	1	0	-
WTI-BRENT BULLET SWAP	BV	1,371	1,309.52	4.7%	1,395.24	-1.7%	1,740	1,346.89	29.2%
WTI CRUDE OIL 1 M CSO FI	7A	2,295	2,909.76	-21.1%	2,257.14	1.7%	2,660	3,381.34	-21.3%
Ag Products Futures									
COFFEE	KT	0	0	-	0	-	0	0.01	-100.0%
TOTAL FUTURES GROUP									
Ag Products Futures		0	0	-	0	-	0	0.01	-100.0%
Energy Futures		1,570,830	2,263,842.52	-30.6%	1,615,915.1	-2.8%	1,818,552	1,953,301.54	-6.9%
Metals Futures		427,260	413,923.1	3.2%	459,253.43	-7.0%	459,639	509,224.25	-9.7%
TOTAL FUTURES		1,998,090	2,677,765.62	-25.4%	2,075,168.52	-3.7%	2,278,190.23	2,462,525.8	-7.5%
TOTAL OPTIONS GROUP									
Energy Options		219,122	254,533.05	-13.9%	193,461.48	13.3%	242,616	247,826.51	-2.1%
Metals Options		61,797	51,159.76	20.8%	66,151.43	-6.6%	61,625	52,875.03	16.5%
TOTAL OPTIONS		280,919	305,692.81	-8.1%	259,612.91	8.2%	304,240.97	300,701.54	1.2%
TOTAL COMBINED									
Metals		489,057	465,082.86	5.2%	525,404.86	-6.9%	521,263	562,099.28	-7.3%
Energy		1,789,952	2,518,375.57	-28.9%	1,809,376.57	-1.1%	2,061,168	2,201,128.06	-6.4%
Ag Products		0	0	-	0	-	0	0.01	-100.0%
GRAND TOTAL		2,279,008	2,983,458.43	-23.6%	2,334,781.43	-2.4%	2,582,431.2	2,763,227.34	-6.5%