

## NYMEX/COMEX Exchange ADV Report - Monthly

August 2022

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Commodity		ADV AUG 2022	ADV AUG 2021	% CHG	ADV JUL 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	149,470	177,758.77	-15.9%	270,044.05	-44.6%	221,908	246,799.9	-10.1%
NYMEX HOT ROLLED STEEL	HR	916	679.55	34.8%	749	22.3%	1,073	970.46	10.6%
NYMEX PLATINUM	PL	16,260	13,751.36	18.2%	15,614.2	4.1%	19,337	17,014.17	13.6%
PALLADIUM	PA	2,413	3,268	-26.2%	1,640.05	47.1%	2,258	2,340.25	-3.5%
URANIUM	UX	0	5.45	-100.0%	0	-	0	6.62	-97.8%
COMEX SILVER	SI	68,299	76,986.86	-11.3%	60,312.65	13.2%	68,254	86,542.56	-21.1%
COMEX E-Mini GOLD	QO	973	847.86	14.7%	1,398.45	-30.4%	1,425	1,074.34	32.6%
COMEX E-Mini SILVER	QI	152	160.36	-5.0%	156.6	-2.7%	184	312.75	-41.2%
COMEX COPPER	HG	92,082	95,860.09	-3.9%	82,954.9	11.0%	85,011	109,275.69	-22.2%
COMEX MINY COPPER	QC	165	250.64	-34.2%	150.95	9.2%	174	203.71	-14.5%
ALUMINUM	A38	0	0	-	0	-	0	1.04	-100.0%
ALUMINUM	AEP	150	32.91	355.1%	121.8	23.0%	93	146.09	-36.6%
ALUMINUM	ALA	1	10.91	-88.0%	4.5	-71.0%	11	19.88	-46.5%
ALUMINUM	ALI	1,819	1,021.77	78.0%	2,658.75	-31.6%	1,276	509.66	150.3%
ALUMINUM	AUP	493	231.82	112.7%	378.5	30.3%	329	298.34	10.3%
ALUMINUM	EDP	290	63.41	357.0%	505.35	-42.7%	231	145.89	58.4%
ALUMINUM	MJP	13	10.91	19.6%	7.5	73.9%	16	12.52	31.1%
COBALT METAL FUTURES	COB	27	6.23	326.6%	57	-53.4%	42	16.43	156.9%
COPPER	HGS	85	94.73	-9.8%	6.6	1195.1%	86	126.49	-31.6%
COPPER	MHG	3,126	0	-	3,840.25	-18.6%	1,671	0	-
FERROUS PRODUCTS	BUS	89	54.64	63.1%	125.45	-29.0%	123	72.52	69.0%
GOLD	4GC	0	0	-	0	-	0	0.69	-100.0%
GOLD	SGC	47	99.32	-53.1%	28.95	60.8%	41	66.85	-38.2%
GOLD	SGU	115	339.23	-66.0%	29	297.2%	299	189.68	57.6%
HOT ROLLED COIL STEEL FUTURES	EHR	261	33.91	668.8%	185.4	40.6%	146	55.4	163.8%
IRON ORE CHINA	TIO	96	51.05	87.6%	72.4	32.3%	70	46.57	49.9%
METALS	HDG	2	0	-	4.8	-59.2%	3	0.26	1044.1%
METALS	LTH	0	0	-	0	-	0	0.03	-100.0%
METALS	PAC	0	0	-	5	-100.0%	8	0	-
MICRO GOLD	MGC	40,121	47,310.82	-15.2%	44,086.9	-9.0%	52,044	59,360.64	-12.3%
SILVER	SIL	6,197	6,920.77	-10.5%	6,137.6	1.0%	7,645	10,418.9	-26.6%

### Metals Options

ALUMINUM	ALO	0	0	-	0	-	0	13.47	-100.0%
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<b>Metals Options</b>									
COMEX COPPER	HX	4,258	2,522.73	68.8%	4,432.1	-3.9%	3,880	3,293.01	17.8%
COMEX GOLD	OG	25,951	25,723.36	0.9%	40,861.35	-36.5%	40,680	33,929.92	19.9%
COMEX SILVER	SO	3,656	4,706.55	-22.3%	4,401.45	-16.9%	5,002	7,965.36	-37.2%
COPPER	H1E	15	0.5	2978.3%	6	156.5%	8	0.26	2882.6%
COPPER	H1M	0	0	-	5.4	-100.0%	2	0	-
COPPER	H1W	15	0	-	11.75	28.0%	6	0	-
COPPER	H2E	5	0	-	28.85	-82.5%	11	0.25	4385.5%
COPPER	H2M	6	0	-	7.45	-15.4%	3	0	-
COPPER	H2W	2	0	-	6.25	-61.0%	2	0	-
COPPER	H3E	4	0	-	56.75	-93.1%	11	0.14	7627.5%
COPPER	H3M	2	0	-	19.1	-87.5%	3	0	-
COPPER	H3W	2	0	-	4.75	-59.7%	1	0	-
COPPER	H4E	9	5.09	77.6%	63.7	-85.8%	12	0.82	1308.9%
COPPER	H4M	6	0	-	5.9	-3.5%	2	0	-
COPPER	H4W	2	0	-	2.85	-31.3%	1	0	-
COPPER	H5E	0	0	-	22.35	-100.0%	3	0.01	23801.7%
COPPER	H5M	10	0	-	0	-	1	0	-
COPPER	H5W	23	0	-	0	-	4	0	-
GOLD	G1M	34	0	-	267.55	-87.4%	62	0	-
GOLD	G1W	339	0	-	392.9	-13.8%	133	0	-
GOLD	G2M	240	0	-	231.65	3.6%	127	0	-
GOLD	G2W	255	0	-	259.75	-1.9%	103	0	-
GOLD	G3M	186	0	-	198.9	-6.6%	65	0	-
GOLD	G3W	195	0	-	382.2	-48.9%	135	0	-
GOLD	G4M	132	0	-	165.85	-20.4%	54	0	-
GOLD	G4W	212	0	-	322.6	-34.3%	97	0	-
GOLD	G5M	202	0	-	0	-	28	0	-
GOLD	G5W	264	0	-	0	-	84	0	-
GOLD	OG1	2,171	2,421.09	-10.3%	990.15	119.3%	2,307	2,137.1	7.9%
GOLD	OG2	1,599	1,828.59	-12.6%	1,988.65	-19.6%	2,300	2,066.07	11.3%
GOLD	OG3	1,429	1,713.09	-16.6%	1,881.25	-24.0%	2,324	2,018.91	15.1%
GOLD	OG4	959	979.18	-2.0%	1,605.15	-40.2%	1,886	1,253.86	50.4%
GOLD	OG5	0	0	-	1,955.8	-100.0%	468	537.35	-12.9%
IRON ORE CHINA	ICT	13	76.36	-82.9%	0	-	2	34.78	-94.8%
NYMEX HOT ROLLED STEEL	HRO	39	13.64	187.0%	73	-46.4%	74	11.41	548.3%

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### Metals Options

NYMEX PLATINUM	PO	157	149.55	4.7%	119.1	31.4%	263	145.2	81.4%
PALLADIUM	PAO	1	15.32	-96.6%	0.35	49.1%	1	30.4	-97.6%
SILVER	M1S	1	0	-	20.05	-95.9%	4	0	-
SILVER	M2S	16	0	-	21.15	-25.2%	9	0	-
SILVER	M3S	12	0	-	10.4	15.4%	5	0	-
SILVER	M4S	11	0	-	10.4	4.9%	5	0	-
SILVER	M5S	9	0	-	0	-	1	0	-
SILVER	SO1	214	236.82	-9.6%	127.9	67.4%	222	148.18	49.5%
SILVER	SO2	162	200.59	-19.4%	117.5	37.7%	246	151.2	62.4%
SILVER	SO3	134	161.73	-17.4%	127.45	4.8%	178	128.38	38.5%
SILVER	SO4	200	99.59	100.4%	127.35	56.7%	162	75.96	113.7%
SILVER	SO5	0	0	-	159.3	-100.0%	33	34.98	-6.3%
SILVER	W1S	13	0	-	20.15	-33.3%	7	0	-
SILVER	W2S	8	0	-	16	-48.4%	5	0	-
SILVER	W3S	10	0	-	8.9	14.3%	6	0	-
SILVER	W4S	4	0	-	7.9	-45.0%	3	0	-
SILVER	W5S	19	0	-	0	-	5	0	-

### Energy Futures

CRUDE OIL PHY	CL	764,250	856,440.09	-10.8%	805,562.55	-5.1%	869,112	985,272.5	-11.8%
CRUDE OIL	WS	43	22.73	91.3%	0	-	6	22.35	-73.2%
MINY WTI CRUDE OIL	QM	28,177	22,477.55	25.4%	32,741.7	-13.9%	30,244	20,318.69	48.8%
BRENT OIL LAST DAY	BZ	57,812	86,751.05	-33.4%	66,063.7	-12.5%	71,890	97,330.22	-26.1%
HEATING OIL PHY	HO	143,600	162,035.45	-11.4%	144,808.65	-0.8%	161,707	147,572.4	9.6%
HTG OIL	BH	0	0	-	1.8	-100.0%	0	0.67	-35.7%
MINY HTG OIL	QH	0	0.36	19.6%	0.55	-20.9%	0	0.31	28.8%
RBOB PHY	RB	141,313	218,234.86	-35.2%	148,218.4	-4.7%	176,571	193,960.57	-9.0%
MINY RBOB GAS	QU	1	0.41	48.8%	0.35	73.9%	0	0.43	2.8%
NATURAL GAS	HP	5,596	8,415.77	-33.5%	6,848.45	-18.3%	8,536	6,523.11	30.9%
LTD NAT GAS	HH	13,127	19,198.41	-31.6%	14,596.7	-10.1%	16,900	15,091.92	12.0%
MINY NATURAL GAS	QG	16,713	5,738.95	191.2%	15,709.6	6.4%	15,732	5,315.93	195.9%
NATURAL GAS PHY	NG	253,432	375,868.05	-32.6%	291,346.75	-13.0%	353,594	376,854.22	-6.2%

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<b>Energy Futures</b>									
RBOB GAS	RT	0	0	-	1.2	-100.0%	0	0.36	-20.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	430	120.68	256.7%	409	5.2%	293	394.23	-25.6%
ARGUS PROPAN FAR EST INDE	7E	271	293.91	-7.8%	231.75	17.0%	273	273.46	-0.3%
ARGUS PROPAN(SAUDI ARAMCO	9N	62	58.23	5.7%	65.3	-5.7%	93	82.72	12.3%
BRENT BALMO SWAP	J9	0	5.68	-100.0%	0	-	10	6.07	56.5%
BRENT CALENDAR SWAP	CY	1,104	457.45	141.4%	501.45	120.2%	765	401.96	90.3%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-	0	23.95	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	-	12	-100.0%	1	0	-
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	0	0.41	-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	213	198.36	7.3%	308.35	-31.0%	143	30.5	369.8%
CAR VINTAGE	NGO	680	502.95	35.1%	764.85	-11.1%	614	66.26	827.4%
CHICAGO ETHANOL SWAP	CU	3,136	3,020.64	3.8%	2,774.6	13.0%	2,866	3,514.24	-18.4%
CHICAGO ULSD PL VS HO SPR	5C	20	2.05	867.1%	21.25	-6.9%	27	20.88	31.0%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	2.54	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	35	31.95	8.2%	0	-	15	18.59	-19.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	5	23.86	-80.0%	27.5	-82.6%	16	12.86	23.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	754	814.05	-7.4%	691.25	9.0%	752	664.01	13.3%
CRUDE OIL	LPS	0	0	-	0	-	0	0	-
CRUDE OIL LAST DAY	26	6	7.09	-17.2%	28.6	-79.5%	18	14.18	30.1%
CRUDE OIL OUTRIGHTS	42	33	26	27.1%	35.4	-6.7%	46	13.96	226.2%
CRUDE OIL OUTRIGHTS	CC5	0	4.09	-100.0%	0	-	9	54.92	-82.9%
CRUDE OIL OUTRIGHTS	CSW	0	36.82	-100.0%	0	-	8	83.23	-90.9%
CRUDE OIL OUTRIGHTS	GSW	0	0	-	5.25	-100.0%	1	14.4	-95.6%
CRUDE OIL OUTRIGHTS	HTT	4,073	2,908.18	40.0%	2,551.7	59.6%	3,467	2,793.81	24.1%
CRUDE OIL OUTRIGHTS	LSW	3	4.09	-20.3%	0	-	23	43.73	-46.5%
CRUDE OIL OUTRIGHTS	WCW	9	51.14	-83.0%	0	-	100	166.75	-39.9%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	0	0.68	-100.0%	0	-	0	120.64	-100.0%
CRUDE OIL PHY	MCL	128,244	72,197.68	77.6%	129,257.05	-0.8%	126,840	13,375.48	848.3%
CRUDE OIL SPRDS	ANT	24	30	-19.6%	43	-43.9%	39	14.59	168.2%
CRUDE OIL SPRDS	HIL	0	13.64	-100.0%	0	-	19	30.54	-36.2%
CRUDE OIL SPRDS	WTT	2,375	870.68	172.7%	2,051.95	15.7%	2,451	1,198.58	104.5%

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<b>Energy Futures</b>									
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	0	-	0	-	13	7.28	82.7%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.18	-83.4%
DOMINION TRANSMISSION INC	PG	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	0	-	12	0	-
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	7	1,260.86	-99.4%	1.05	595.6%	87	2,373.49	-96.3%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	A5	1	9.64	-90.1%	0	-	5	23.84	-79.0%
ELEC FINSETTLED	47	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	0	-
EMMISSIONS	CGO	236	0	-	184.75	27.5%	89	0	-
ETHANOL	MTH	0	0	-	0	-	0	0.06	0.0%
ETHANOL SWAP	MT2	4	8.18	-49.5%	6.75	-38.8%	9	6.96	31.6%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	235	135.05	73.8%	62.4	276.1%	147	160.04	-8.3%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-	0	0.04	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	1.36	-100.0%	0	-	7	5.89	18.9%
EUROPE 1% FUEL OIL NWE CA	UF	0	3.27	-100.0%	0	-	0	0.5	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-	0	0.08	-100.0%
EUROPE 3.5% FUEL OIL RDAM	UV	0	2.73	-100.0%	0	-	3	1.77	84.5%
EUROPEAN GASOIL (ICE)	7F	22	0.64	3329.6%	86.9	-74.9%	78	26.79	192.8%
EUROPEAN NAPHTHA BALMO	KZ	0	0	-	0.35	-37.9%	1	0.12	684.7%
EUROPEAN NAPHTHA CRACK SPR	EN	80	159.95	-50.2%	42.15	89.1%	116	56.64	104.9%
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	4.25	-100.0%
EUROPE JET KERO NWE CALSW	UJ	0	0.45	-100.0%	0	-	0	0.12	-100.0%

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<b>Energy Futures</b>									
EUROPE NAPHTHA CALSWAP	UN	20	40.95	-51.2%	15.35	30.3%	31	28.32	9.8%
EURO PROPANE CIF ARA SWA	PS	73	70.86	3.7%	46	59.7%	78	66.5	17.4%
FREIGHT MARKETS	BF2	0	0	-	0	-	0	0.71	-100.0%
FREIGHT MARKETS	BL2	3	0.23	1047.7%	2.25	15.9%	2	0.36	575.0%
FREIGHT MARKETS	CS3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	CS4	0	0	-	0	-	2	0	-
FREIGHT MARKETS	FLJ	0	0.91	-100.0%	0	-	0	0.4	-100.0%
FREIGHT MARKETS	FLP	0	0.95	-72.7%	1.5	-82.6%	1	3.53	-61.4%
FREIGHT MARKETS	FRC	2	0	-	0	-	0	0.42	-48.6%
FREIGHT MARKETS	T2D	0	0	-	0	-	4	1.65	157.5%
FREIGHT MARKETS	T8C	0	0	-	0	-	0	0.06	-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	0.54	-100.0%
FUEL OIL CRACK VS ICE	FO	0	13.64	-100.0%	1.8	-100.0%	7	11.31	-36.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.43	-8.3%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	7H	11	46.45	-75.9%	8.65	29.2%	11	30.83	-64.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	75	306.86	-75.7%	35.25	111.5%	132	226.59	-41.8%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.36	-25.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.25	-76.2%
GASOIL 0.1 ROTTERDAM BARG	VL	0	2.64	-98.4%	0.25	-82.6%	0	0.8	-50.4%
GASOIL CALENDAR SWAP	GX	1	1.45	-46.2%	0.3	160.9%	6	5.02	14.4%
GASOIL CRACK SPREAD CALEN	GZ	5	98.18	-95.4%	4.35	4.9%	66	58.96	11.2%
GASOIL MINI CALENDAR SWAP	QA	4	13.59	-68.0%	7.9	-45.0%	16	16.9	-7.5%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	1.64	-100.0%	0	-	0	0.5	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	97	185.68	-47.5%	157.75	-38.2%	227	212.6	6.5%
GRP THREE UNL GS (PLT) VS	A8	77	117.23	-34.7%	85.35	-10.3%	164	125.56	30.6%
GULF COAST 3% FUEL OIL BA	VZ	5	27.5	-81.0%	5.35	-2.5%	6	4.26	35.8%
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	ME	323	1,179.27	-72.6%	204.25	58.1%	509	1,050.32	-51.6%
GULF COAST NO.6 FUEL OIL	MF	279	49.05	468.0%	81.05	243.7%	174	98.86	75.7%
GULF COAST NO.6 FUEL OIL	MG	353	159.55	121.5%	388.25	-9.0%	332	49.78	566.8%
GULF COAST ULSD CALENDAR	LY	2	10.18	-78.2%	0	-	5	23.22	-79.9%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
HEATING OIL BALMO CLNDR S	1G	10	14.45	-29.9%	13.25	-23.5%	20	13.84	47.3%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	6.35	-100.0%	1	14.67	-94.8%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HEATING OIL PHY	MHO	0	0	-	0.15	15.9%	0	0	-
HENRY HUB SWAP	NN	1,325	1,510.68	-12.3%	757.05	75.0%	1,313	1,597.91	-17.8%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	0	21.59	-100.0%	0	-	13	29.64	-55.7%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-	0	0.28	-100.0%
INDIANA MISO	FTD	0	0	-	0	-	0	0	-
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	ICI	0	0.45	-100.0%	0	-	0	6.73	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	5	0	-	10.7	-52.9%	3	0	-
JAPAN C&F NAPHTHA SWAP	JA	3	2.45	25.8%	6.05	-49.0%	6	3.05	97.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0	-
JET CIF NWE VS ICE	JC	1	11.59	-89.9%	6	-80.4%	9	6.93	27.3%
JET FUEL UP-DOWN BALMO CL	1M	4	151.45	-97.1%	35.25	-87.7%	88	67.18	31.6%
JKM LNG Futures	JKM	0	16.14	-100.0%	2.4	-100.0%	13	28.27	-54.4%
LA CARB DIESEL (OPIS) SWA	KL	0	5.68	-100.0%	0	-	13	10.54	24.5%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	0	1.35	-100.0%
LA JET (OPIS) SWAP	JS	0	34.32	-100.0%	6.25	-100.0%	20	19.28	1.7%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	0	0	-	0	-	1	11.08	-95.0%
MARS (ARGUS) VS WTI SWAP	YX	3	0	-	3.75	-13.0%	10	7.78	29.6%
MARS (ARGUS) VS WTI TRD M	YV	689	751.36	-8.3%	533.65	29.2%	735	898.28	-18.1%
MCCLOSKEY ARA ARGS COAL	MTF	113	627.77	-82.0%	203.65	-44.5%	298	603.95	-50.7%
MCCLOSKEY RCH BAY COAL	MFF	19	18.36	6.1%	8.3	134.7%	21	39.83	-48.3%
MGN1 SWAP FUT	MGN	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	0.45	-4.3%	0.5	-13.0%	1	0.65	125.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-	0	2.34	-87.2%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	3	30.55	-88.6%	17.4	-80.0%	17	29.32	-42.5%
MJC FUT	MJC	0	0	-	0	-	0	0.3	-100.0%
MNC FUT	MNC	88	49.32	78.9%	63.95	37.9%	82	34.66	135.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,578	1,872.91	-15.7%	1,709.3	-7.7%	1,713	1,295.04	32.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	49	11.14	335.7%	20.75	133.8%	44	18.93	131.2%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	6,234	9,285.27	-32.9%	6,060.9	2.9%	7,853	8,516.07	-7.8%

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<b>Energy Futures</b>									
MONT BELVIEU LDH PROPANE OPIS BALM	8O	51	161.82	-68.3%	118.3	-56.6%	139	148.98	-6.9%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	1,366	605.73	125.5%	1,256.25	8.8%	1,165	688.4	69.3%
MONT BELVIEU NATURAL GASOLINE BALM	R0	86	42.23	104.8%	105.95	-18.4%	70	26.65	162.3%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	2,464	2,918.45	-15.6%	2,521.65	-2.3%	2,533	2,397.34	5.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	43	55	-21.6%	38.45	12.2%	70	58.15	20.9%
NATURAL GAS PEN SWP	NP	1,347	2,005.68	-32.8%	1,739.8	-22.6%	2,302	2,494.02	-7.7%
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	26	7.27	252.7%	41.25	-37.8%	40	5.72	601.8%
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	57	30.73	86.9%	65.55	-12.4%	56	38.77	44.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	9.4	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	8	12.5	-39.1%	1.25	508.7%	7	9.28	-19.3%
NYH NO 2 CRACK SPREAD CAL	HK	27	46.36	-42.8%	33.75	-21.4%	91	77.06	18.5%
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	31	0	-	74.95	-58.9%	26	0.3	8476.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-
PETROCHEMICALS	22	7	4.95	34.3%	3.3	101.6%	7	6.84	-4.3%
PETROCHEMICALS	32	1	1.45	-13.3%	1.55	-18.7%	2	2.58	-28.3%
PETROCHEMICALS	3NA	1	0.09	1334.9%	0	-	1	0.73	70.5%
PETROCHEMICALS	51	0	0	-	0.1	-100.0%	0	0	-
PETROCHEMICALS	81	0	0	-	3	-100.0%	3	0.88	188.4%
PETROCHEMICALS	8I	25	62.64	-60.0%	16.65	50.4%	41	57.27	-27.8%
PETROCHEMICALS	91	7	22.5	-67.0%	2.75	170.4%	14	16.25	-14.3%
PETROCHEMICALS	MAA	0	2.73	-84.1%	0	-	3	1.41	83.0%
PETROCHEMICALS	MAE	61	46.91	29.8%	32	90.2%	53	34.09	56.0%
PETROCHEMICALS	MAS	14	15.77	-9.0%	16.75	-14.3%	18	12.81	43.9%
PETROCHEMICALS	MBE	0	2.73	-100.0%	0	-	4	2.87	27.1%



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<b>Energy Futures</b>									
PETROCHEMICALS	MNB	0	0	-	0	-	0	11.33	-99.2%
PETROCHEMICALS	MPS	11	21.5	-48.2%	15.95	-30.2%	11	17.94	-38.6%
PETROCHEMICALS	PMF	0	0	-	0	-	0	0.02	199.6%
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	754	700.09	7.8%	978.25	-22.9%	837	970.72	-13.7%
PETRO CRCKS & SPRDS NA	EXR	3	20.14	-83.4%	7.1	-52.8%	15	30.69	-52.0%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GBB	3	13.64	-76.1%	5	-34.8%	4	3.59	16.7%
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-	1	2.22	-59.5%
PETRO CRCKS & SPRDS NA	GCU	0	11.36	-100.0%	0	-	2	5.27	-68.8%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	8	0	-
PETRO CRCKS & SPRDS NA	HOB	0	38.64	-100.0%	0	-	3	9.58	-63.9%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0.87	-100.0%
PETRO CRCKS & SPRDS NA	RBB	11	39.09	-72.2%	2.5	334.8%	35	72.17	-51.4%
PETRO CRCKS & SPRDS NA	RVG	39	2.27	1629.4%	53.45	-26.5%	107	67.19	58.6%
PETRO CRK&SPRD EURO	1NB	0	0.45	-100.0%	0	-	11	2.29	366.1%
PETRO CRK&SPRD EURO	43	0	0.23	-100.0%	0	-	1	0.13	476.5%
PETRO CRK&SPRD EURO	BOB	1	0	-	0	-	4	3.84	-8.0%
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0.03	-100.0%
PETRO CRK&SPRD EURO	EPN	28	16.64	67.5%	15.5	79.8%	19	23.87	-21.3%
PETRO CRK&SPRD EURO	EVC	0	8.59	-100.0%	0	-	5	3.43	37.3%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-	0	0.36	-100.0%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	NOB	1	3.27	-77.4%	4.15	-82.2%	5	1.65	194.2%
PETROLEUM PRODUCTS	1NM	0	6.82	-100.0%	0	-	0	4.11	-92.7%
PETROLEUM PRODUCTS	BEB	0	0	-	0	-	0	0.02	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0.01	100.0%
PETROLEUM PRODUCTS	CMS	1	2.27	-61.7%	10	-91.3%	6	2.22	154.0%
PETROLEUM PRODUCTS	EWG	44	29.73	48.3%	0	-	23	14.5	58.7%
PETROLEUM PRODUCTS	H5F	5	0	-	2	171.7%	2	0.36	483.3%
PETROLEUM PRODUCTS	JCC	71	16.59	330.3%	77.4	-7.8%	66	8.4	687.3%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	0.08	-100.0%
PETROLEUM PRODUCTS	R5E	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
PETROLEUM PRODUCTS	R5F	4	0.68	473.9%	0.9	334.8%	2	1.88	17.5%
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	0	-	0	-	7	1.86	269.1%
PETROLEUM PRODUCTS ASIA	E6M	0	0.45	-4.3%	0.25	73.9%	0	0.06	249.9%
PETROLEUM PRODUCTS ASIA	MJN	13	6.18	111.0%	9.25	41.0%	40	11.19	254.7%
PETRO OUTRIGHT EURO	0B	0	7.64	-100.0%	0	-	0	1.34	-100.0%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-	0	0.45	-100.0%
PETRO OUTRIGHT EURO	0D	2	5.91	-73.5%	1.4	11.8%	1	4.68	-73.2%
PETRO OUTRIGHT EURO	0E	0	0	-	0	-	0	0.12	-100.0%
PETRO OUTRIGHT EURO	0F	0	0	-	0	-	0	0.05	0.0%
PETRO OUTRIGHT EURO	1T	0	0.45	-100.0%	0	-	0	0.12	-100.0%
PETRO OUTRIGHT EURO	5L	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	7I	0	0	-	0	-	2	0.3	470.0%
PETRO OUTRIGHT EURO	7R	0	1.45	-100.0%	0.3	-100.0%	0	0.22	2.7%
PETRO OUTRIGHT EURO	CBB	0	1.5	-100.0%	0	-	0	0.2	-100.0%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CPB	5	8	-40.2%	5.75	-16.8%	9	19.49	-52.1%
PETRO OUTRIGHT EURO	EFM	0	0	-	0	-	0	0.07	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	EWN	4	19.32	-79.7%	3.45	13.4%	5	7.98	-37.8%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-	0	0.03	-100.0%
PETRO OUTRIGHT EURO	H5G	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	JFB	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT EURO	M1B	49	76.59	-35.5%	47.6	3.9%	54	64.92	-16.2%
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-	0	1.26	-100.0%
PETRO OUTRIGHT EURO	MBN	10	6.82	51.1%	8.8	17.1%	29	18.93	52.9%
PETRO OUTRIGHT EURO	MEF	0	15.09	-100.0%	0.5	-100.0%	0	13.3	-96.4%
PETRO OUTRIGHT EURO	MQA	2	0	-	0	-	1	0	-
PETRO OUTRIGHT EURO	R53	0	0	-	0	-	0	0.36	-100.0%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-	0	0.34	-100.0%
PETRO OUTRIGHT EURO	R5M	80	82.36	-3.0%	62.1	28.6%	87	48.06	80.1%
PETRO OUTRIGHT EURO	R5O	33	29.05	13.8%	25.35	30.3%	50	34.55	44.5%
PETRO OUTRIGHT EURO	RBM	0	0	-	0	-	1	0.16	292.5%

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<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	S5B	0	0	-	0	-	0	0.03	0.0%
PETRO OUTRIGHT EURO	S5F	3	5.23	-41.8%	5.95	-48.8%	6	5.35	7.5%
PETRO OUTRIGHT EURO	S5M	96	61.95	55.4%	91.7	5.0%	107	78.81	35.7%
PETRO OUTRIGHT EURO	S5O	69	48.82	41.4%	128	-46.1%	144	49.57	190.5%
PETRO OUTRIGHT EURO	SMU	0	6.82	-100.0%	0	-	0	7.19	-100.0%
PETRO OUTRIGHT EURO	SR5	3	0	-	0.75	265.2%	0	0	-
PETRO OUTRIGHT EURO	TLB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	V0	0	7.64	-100.0%	0	-	0	1.01	-100.0%
PETRO OUTRIGHT NA	A8B	5	13.64	-60.1%	28	-80.6%	11	4.79	138.1%
PETRO OUTRIGHT NA	AB6	2	0	-	37	-95.9%	17	10.39	63.1%
PETRO OUTRIGHT NA	BCR	171	59.55	186.6%	63	170.9%	134	83.17	60.7%
PETRO OUTRIGHT NA	FCB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	JE	0	0	-	0	-	0	1.65	-78.2%
PETRO OUTRIGHT NA	JET	35	31.82	9.3%	16.25	114.0%	25	12.13	103.0%
PETRO OUTRIGHT NA	JTB	0	0	-	22.5	-100.0%	12	1.95	534.2%
PETRO OUTRIGHT NA	MBL	0	0	-	0	-	4	2.33	78.7%
PETRO OUTRIGHT NA	MEN	2	1.59	-4.3%	2.1	-27.5%	3	2.66	28.8%
PETRO OUTRIGHT NA	MEO	10	32.14	-68.9%	12.75	-21.6%	12	23.2	-50.2%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	0	-	0	0.39	-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 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	14	24.09	-42.2%	28.55	-51.3%	45	61.46	-27.0%
PREMIUM UNLD 10P FOB MED	3G	2	0	-	0	-	1	0.03	2123.1%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	59	105.73	-44.4%	58.5	0.4%	79	68.6	14.8%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	412	979.32	-57.9%	605.15	-31.9%	616	807.8	-23.7%
RBOB CALENDAR SWAP	RL	85	304.14	-72.1%	165.25	-48.6%	246	323.34	-23.8%
RBOB CRACK SPREAD	RM	40	34.77	15.0%	16.5	142.4%	84	100.93	-16.5%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	6.35	-100.0%	1	0	-
RBOB GASOLINE BALMO CLNDR	1D	14	82.95	-83.3%	39.7	-65.1%	69	32.36	112.8%

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<b>Energy Futures</b>									
RBOB PHY	MRB	0	0	-	0.7	-93.8%	0	0	-
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	0	27.27	-100.0%	9	-100.0%	3	6.62	-49.8%
SINGAPORE 180CST BALMO	BS	0	0	-	0	-	0	0	-
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0	-
SINGAPORE 380CST FUEL OIL	SE	0	2.36	-85.3%	0.55	-36.8%	8	9.06	-14.9%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-	0	0	-
SINGAPORE GASOIL	MAF	9	18.64	-53.1%	18.75	-53.4%	23	12.65	81.3%
SINGAPORE GASOIL	MTB	0	0.82	-46.9%	0	-	1	0.25	366.7%
SINGAPORE GASOIL	MTS	21	25.18	-17.8%	16	29.3%	17	16.53	0.7%
SINGAPORE GASOIL	SBM	0	0.36	-100.0%	0	-	2	0.56	257.0%
SINGAPORE GASOIL CALENDAR	MSG	0	55.77	-99.5%	1.15	-73.5%	7	40.96	-83.1%
SINGAPORE GASOIL SWAP	SG	8	40	-81.0%	3.75	102.9%	19	65.35	-71.2%
SINGAPORE GASOIL VS ICE	GA	0	60.68	-100.0%	0	-	24	49	-51.9%
SINGAPORE JET KERO GASOIL	RK	3	22.27	-85.9%	0	-	22	8.32	168.0%
SINGAPORE JET KEROSENE SW	KS	0	0	-	0	-	2	6.5	-62.7%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	5	1.86	161.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	57.27	-100.0%	0	-	4	25.41	-85.9%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	2	0.63	151.4%
TC5 RAS TANURA TO YOKOHAM	TH	0	2.05	-100.0%	0	-	1	1.08	8.3%
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	0	-	37	60.22	-38.5%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	-	0	-	0	15.18	-100.0%
ULSD UP-DOWN BALMO SWP	1L	219	138.86	57.8%	158.7	38.1%	314	232.54	35.1%
UP DOWN GC ULSD VS NMX HO	LT	1,008	2,131.18	-52.7%	709.55	42.0%	1,366	1,592.02	-14.2%
WTI-BRENT CALENDAR SWAP	BK	1,593	2,277.05	-30.1%	1,914.65	-16.8%	2,588	1,987.65	30.2%
WTI CALENDAR	CS	2,702	2,237.41	20.8%	1,569.25	72.2%	3,051	2,530.13	20.6%
WTI MIDLAND CRUDE OIL	WTL	0	40.91	-100.0%	0	-	0	15.9	-100.0%
WTS (ARGUS) VS WTI SWAP	FF	170	27.27	524.1%	15.75	980.7%	136	183.8	-25.8%
WTS (ARGUS) VS WTI TRD MT	FH	20	50.45	-61.2%	0	-	38	35.03	8.3%

### Energy Options

BRENT CALENDAR SWAP	BA	2	0	-	0	-	19	17.2	8.9%
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<b>Energy Options</b>									
BRENT CRUDE OIL 1 M CSO	9C	522	4,872.73	-89.3%	0	-	606	1,068.56	-43.3%
BRENT OIL LAST DAY	BE	0	781.18	-100.0%	8.75	-100.0%	541	917.02	-41.0%
BRENT OIL LAST DAY	BZO	521	708.23	-26.4%	547.25	-4.8%	910	1,234.84	-26.3%
COAL API2 INDEX	F2C	0	7.27	-100.0%	0	-	2	5.57	-58.1%
COAL API2 INDEX	F2Q	0	0	-	0	-	1	5.9	-89.8%
CRUDE OIL	6Y	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	WA	1,883	2,471.59	-23.8%	1,588	18.6%	3,204	6,389.4	-49.9%
CRUDE OIL APO	AO	1,077	537.64	100.3%	1,039.7	3.6%	1,053	1,540.4	-31.7%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0	-
CRUDE OIL PHY	LC	1,300	265.45	389.7%	874	48.7%	1,813	463.33	291.3%
CRUDE OIL PHY	LO	98,126	107,584.68	-8.8%	114,338.7	-14.2%	120,344	112,913.08	6.6%
CRUDE OIL PHY	LO1	2,277	1,495.23	52.3%	534.45	326.1%	1,558	800.84	94.6%
CRUDE OIL PHY	LO2	1,531	844.82	81.2%	1,207.6	26.8%	1,134	645.02	75.8%
CRUDE OIL PHY	LO3	893	1,132.14	-21.1%	3.05	29177.3%	811	645.39	25.7%
CRUDE OIL PHY	LO4	1,607	1,635.27	-1.7%	1,676.05	-4.1%	1,541	986.77	56.2%
CRUDE OIL PHY	LO5	0	0	-	1,313.25	-100.0%	264	249.88	5.8%
CRUDE OIL PHY	MCO	315	0	-	328.45	-4.0%	96	0	-
CRUDE OIL PHY	MW1	117	0	-	23.35	401.8%	20	0	-
CRUDE OIL PHY	MW2	106	0	-	49.95	113.0%	22	0	-
CRUDE OIL PHY	MW3	59	0	-	0	-	9	0	-
CRUDE OIL PHY	MW4	87	0	-	132.5	-34.7%	30	0	-
CRUDE OIL PHY	MW5	0	0	-	76.85	-100.0%	9	0	-
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	65	114.32	-43.0%	123.7	-47.3%	155	127.14	21.9%
ETHANOL SWAP	GVR	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	27.27	-100.0%	0	-	4	9.16	-51.0%
HEATING OIL PHY	FZ	0	45.45	-100.0%	0	-	0	5.99	-100.0%
HEATING OIL PHY	LB	0	0	-	0	-	2	9.18	-75.1%
HEATING OIL PHY	OH	501	334.95	49.4%	364.5	37.3%	542	278.46	94.8%
HENRY HUB FINANCIAL LAST	E7	112	79.14	42.1%	175.55	-35.9%	237	454.78	-47.9%
HO 1 MONTH CLNDR OPTIONS	FA	33	0	-	65	-49.8%	32	0	-
LLS CRUDE OIL	HTO	0	0	-	0	-	7	0	-
LLS CRUDE OIL	WTO	104	0	-	0	-	20	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	0	3.23	-100.0%

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<b>Energy Options</b>									
NATURAL GAS	LN1	14	0	-	0	-	4	0	-
NATURAL GAS	LN2	1	0	-	0.45	16.0%	4	0	-
NATURAL GAS	LN3	0	0	-	0.25	73.9%	6	0	-
NATURAL GAS	LN4	0	0	-	0	-	9	0	-
NATURAL GAS	LN5	0	0	-	0.15	-100.0%	0	0	-
NATURAL GAS 1 M CSO FIN	G4	3,350	2,986.36	12.2%	4,295	-22.0%	4,525	2,189.52	106.7%
NATURAL GAS 2 M CSO FIN	G2	0	618.18	-100.0%	17.5	-100.0%	84	116.17	-27.3%
NATURAL GAS 3 M CSO FIN	G3	2,063	2,585.23	-20.2%	2,255	-8.5%	1,848	1,229.38	50.3%
NATURAL GAS 5 M CSO FIN	G5	0	102.27	-100.0%	0	-	277	80.24	245.1%
NATURAL GAS 6 M CSO FIN	G6	196	547.73	-64.3%	200	-2.2%	511	585.93	-12.7%
NATURAL GAS OPT	JFO	0	0	-	0	-	2	0	-
NATURAL GAS OPT	JKO	0	50.91	-100.0%	7.5	-100.0%	32	88.44	-63.4%
NATURAL GAS OPT	TFO	0	440.91	-100.0%	0	-	4	915.09	-99.5%
NATURAL GAS OPTION ON CALENDAR STR	6J	0	577.27	-100.0%	0	-	4	360.6	-99.0%
NATURAL GAS PHY	KD	54	56.82	-4.3%	176.5	-69.2%	69	100.45	-31.0%
NATURAL GAS PHY	LN	74,392	129,140.73	-42.4%	91,451.85	-18.7%	100,027	98,524.07	1.5%
NATURAL GAS PHY	ON	2,688	4,268.14	-37.0%	3,880.4	-30.7%	4,364	3,998.31	9.1%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	150	47.82	214.5%	53.3	182.2%	104	42.84	143.1%
PETROCHEMICALS	4H	0	108.23	-100.0%	0	-	19	50.31	-62.3%
PETROCHEMICALS	4J	0	0	-	0	-	0	4.28	-100.0%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0	-	0	-	0	1.08	-100.0%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	0	1.36	-100.0%	0	-	2	6.65	-66.2%
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	0	0	-	50	-100.0%	15	0	-
RBOB CALENDAR SWAP	RA	7	0	-	22.25	-68.7%	21	6.92	208.0%
RBOB PHY	OB	256	535.18	-52.2%	152.9	67.1%	186	379.1	-50.9%
RBOB PHY	RF	6	1.36	346.4%	3	102.9%	8	2.87	191.7%
SHORT TERM	U11	0	0	-	0	-	2	0.3	500.0%
SHORT TERM	U12	0	0	-	0	-	3	0.6	450.0%
SHORT TERM	U13	0	0	-	0	-	1	1.2	-50.0%
SHORT TERM	U14	0	0	-	0	-	3	0	-

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<b>Energy Options</b>									
SHORT TERM	U15	0	0	-	0	-	0	1.8	-100.0%
SHORT TERM	U22	0	0	-	0	-	1	0	-
SHORT TERM	U24	0	0	-	0	-	0	0.6	-100.0%
SHORT TERM	U25	9	0	-	0	-	2	1.8	33.3%
SHORT TERM	U26	0	0	-	0	-	1	0.45	166.7%
SHORT TERM NATURAL GAS	U01	0	6.82	-100.0%	0	-	1	1.35	11.1%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-	0	2.1	-100.0%
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	0	0.6	-100.0%
SHORT TERM NATURAL GAS	U04	24	2.27	952.2%	0	-	6	2.1	171.4%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	3	1.2	150.0%
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	3	4.79	-31.3%
SHORT TERM NATURAL GAS	U07	0	0	-	10	-100.0%	6	1.95	184.6%
SHORT TERM NATURAL GAS	U08	0	0	-	0	-	1	0.3	300.0%
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	0	1.2	-100.0%
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	0	0.45	-100.0%
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	0	0.9	-100.0%
SHORT TERM NATURAL GAS	U18	2	4.55	-52.2%	0	-	2	0.6	250.0%
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	3	0	-
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U21	0	0	-	22.5	-100.0%	6	1.2	375.0%
SHORT TERM NATURAL GAS	U27	0	2.27	-100.0%	0	-	0	0.3	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	-	5	-100.0%	1	0.6	0.0%
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	0.3	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	-	0	-	1	1.5	-60.0%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	1	0	-
WTI-BRENT BULLET SWAP	BV	1,164	356.82	226.3%	3,334.5	-65.1%	1,829	1,200.3	52.4%
WTI CRUDE OIL 1 M CSO FI	7A	1,848	2,745.45	-32.7%	1,215	52.1%	2,757	3,737.54	-26.2%

### Ag Products Futures

COFFEE	KT	0	0	-	0	-	0	0.01	-100.0%
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Commodity	ADV AUG 2022	ADV AUG 2021	% CHG	ADV JUL 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
<b>TOTAL FUTURES GROUP</b>								
Ag Products Futures	0	0	-	0	-	0	0.01	-100.0%
Energy Futures	1,591,155	1,871,442.86	-15.0%	1,689,732.2	-5.8%	1,875,183	1,905,801.18	-1.6%
Metals Futures	383,662	425,851.36	-9.9%	491,276.6	-21.9%	463,759	536,028.32	-13.5%
<b>TOTAL FUTURES</b>	<b>1,974,817</b>	<b>2,297,294.23</b>	<b>-14.0%</b>	<b>2,181,008.8</b>	<b>-9.5%</b>	<b>2,338,942.13</b>	<b>2,441,829.51</b>	<b>-4.2%</b>
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	197,462	268,124.05	-26.4%	231,623.7	-14.7%	251,752	242,419.37	3.8%
Metals Options	43,204	40,853.77	5.8%	61,545.3	-29.8%	61,034	53,977.02	13.1%
<b>TOTAL OPTIONS</b>	<b>240,666</b>	<b>308,977.82</b>	<b>-22.1%</b>	<b>293,169</b>	<b>-17.9%</b>	<b>312,785.61</b>	<b>296,396.38</b>	<b>5.5%</b>
<b>TOTAL COMBINED</b>								
Metals	426,865	466,705.14	-8.5%	552,821.9	-22.8%	524,792	590,005.34	-11.1%
Energy	1,788,617	2,139,566.91	-16.4%	1,921,355.9	-6.9%	2,126,936	2,148,220.54	-1.0%
Ag Products	0	0	-	0	-	0	0.01	-100.0%
<b>GRAND TOTAL</b>	<b>2,215,483</b>	<b>2,606,272.05</b>	<b>-15.0%</b>	<b>2,474,177.8</b>	<b>-10.5%</b>	<b>2,651,727.74</b>	<b>2,738,225.89</b>	<b>-3.2%</b>