

NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV MAY 2021	ADV MAY 2020	% CHG	ADV APR 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Metals Futures									
COMEX GOLD	GC	315,542	257,770.3	22.4%	170,973.76	84.6%	263,742	364,678.81	-27.7%
NYMEX HOT ROLLED STEEL	HR	1,049	875.15	19.8%	1,045.43	0.3%	1,074	877.82	22.4%
NYMEX PLATINUM	PL	15,032	12,145.65	23.8%	13,127.76	14.5%	17,170	20,791.59	-17.4%
PALLADIUM	PA	3,260	1,989.8	63.8%	1,588.38	105.3%	2,465	4,043.17	-39.0%
URANIUM	UX	23	0.05	45900.0%	0	-	8	17.83	-52.7%
COMEX SILVER	SI	75,787	60,544.4	25.2%	83,934	-9.7%	92,973	90,988.05	2.2%
COMEX E-Mini GOLD	QO	1,018	1,172.8	-13.2%	854.14	19.2%	1,159	1,850.2	-37.3%
COMEX E-Mini SILVER	QI	267	190.9	39.6%	215.19	23.8%	385	216.81	77.8%
COMEX COPPER	HG	109,629	62,611.1	75.1%	115,196.43	-4.8%	115,041	99,358.86	15.8%
COMEX MINY COPPER	QC	245	15.6	1470.5%	194.71	25.8%	190	25.06	658.0%
ALUMINUM	A38	0	0	-	0	-	2	0	-
ALUMINUM	AEP	37	87.4	-57.3%	117.14	-68.2%	129	239.77	-46.3%
ALUMINUM	ALA	32	0	-	39.52	-20.3%	30	6.89	328.1%
ALUMINUM	ALI	692	45.2	1429.9%	478.38	44.6%	350	115.2	203.4%
ALUMINUM	AUP	245	485.95	-49.5%	197.33	24.4%	309	518.63	-40.4%
ALUMINUM	CUP	0	0	-	0	-	0	0.49	-100.0%
ALUMINUM	EDP	67	157.3	-57.2%	78.1	-13.7%	101	279.57	-64.0%
ALUMINUM	MJP	15	0	-	0	-	3	71.02	-95.9%
COBALT METAL FUTURES	COB	12	0	-	12.14	-1.2%	11	0	-
COPPER	HGS	133	60	121.5%	204.29	-34.9%	143	129.15	11.0%
FERROUS PRODUCTS	BUS	64	77.9	-18.5%	69.38	-8.5%	85	123.93	-31.6%
GOLD	4GC	0	2.7	-100.0%	0	-	1	0.53	113.0%
GOLD	SGC	17	38.2	-55.2%	2.76	519.1%	48	103.72	-54.1%
GOLD	SGU	140	47.65	194.6%	102.9	36.4%	140	337.13	-58.4%
HOT ROLLED COIL STEEL FUTURES	EHR	21	15	40.7%	53.14	-60.3%	44	8.5	421.4%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	75.7	-100.0%	0	-	0	126.59	-100.0%
IRON ORE CHINA	TIO	48	0	-	31.9	49.0%	49	0	-
METALS	HDG	0	0	-	0	-	0	0	-
METALS	LTH	0	0	-	0	-	0	0	-
MICRO GOLD	MGC	59,285	68,836.75	-13.9%	43,565.33	36.1%	63,982	62,740.19	2.0%
SILVER	SIL	10,063	3,046.7	230.3%	6,405.48	57.1%	12,161	2,385.59	409.8%

Metals Options

ALUMINUM	ALO	0	0	-	28.57	-100.0%	12	1.46	707.8%
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Metals Options									
COMEX COPPER	HX	4,899	529.95	824.4%	3,787.29	29.3%	3,255	2,796.85	16.4%
COMEX GOLD	OG	33,861	36,291.95	-6.7%	27,548.29	22.9%	37,880	67,901.91	-44.2%
COMEX SILVER	SO	7,807	7,561.25	3.2%	5,399.76	44.6%	8,799	9,791.94	-10.1%
COPPER	H1E	0	0	-	0.1	-47.5%	0	10.51	-98.3%
COPPER	H2E	0	0	-	0.48	-89.5%	0	6.66	-96.0%
COPPER	H3E	0	0	-	0.24	-37.0%	0	7.11	-97.5%
COPPER	H4E	1	0	-	0	-	0	3.59	-93.2%
COPPER	H5E	0	0	-	0.1	-100.0%	0	6.72	-99.7%
GOLD	OG1	2,509	745.6	236.5%	1,284.81	95.3%	2,106	1,898.39	10.9%
GOLD	OG2	2,432	837.25	190.4%	1,203.67	102.0%	2,130	1,962.8	8.5%
GOLD	OG3	2,296	868.45	164.4%	1,683.86	36.4%	1,993	1,766.69	12.8%
GOLD	OG4	1,590	894.75	77.7%	1,107.67	43.5%	1,337	1,581.69	-15.5%
GOLD	OG5	0	881.9	-100.0%	1,439.71	-100.0%	598	521.08	14.8%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-	0	0.73	-100.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	115.5	-100.0%	0	-	0	36.12	-100.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	17.2	-100.0%	0	-	0	61.64	-100.0%
IRON ORE CHINA	ICT	21	0	-	2.86	642.0%	7	0	-
NYMEX HOT ROLLED STEEL	HRO	1	0	-	14.29	-91.2%	13	0	-
NYMEX PLATINUM	PO	108	68	58.6%	535.86	-79.9%	165	214.74	-22.9%
PALLADIUM	PAO	30	3.5	744.3%	57.29	-48.4%	34	54.21	-37.0%
SILVER	SO1	170	29.65	474.4%	60.71	180.5%	117	136.57	-14.1%
SILVER	SO2	113	27.45	309.8%	82.19	36.9%	118	132.88	-11.5%
SILVER	SO3	101	30.45	232.3%	109.29	-7.4%	111	118.05	-6.0%
SILVER	SO4	94	28.75	226.8%	46.14	103.6%	59	91.69	-35.9%
SILVER	SO5	0	35.9	-100.0%	55.05	-100.0%	28	38.07	-27.0%

Energy Futures

CRUDE OIL PHY	CL	954,183	1,066,268.5	-10.5%	895,849.86	6.5%	1,029,056	1,512,587.13	-32.0%
CRUDE OIL	WS	0	8	-100.0%	0	-	32	28.37	11.7%
MINY WTI CRUDE OIL	QM	19,938	31,113.15	-35.9%	20,942.95	-4.8%	19,537	46,767.3	-58.2%
BRENT OIL LAST DAY	BZ	80,907	101,667.15	-20.4%	93,783.95	-13.7%	104,850	143,816.06	-27.1%

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Energy Futures									
HEATING OIL PHY	HO	141,413	167,356.5	-15.5%	119,552.43	18.3%	153,792	215,444.9	-28.6%
HTG OIL	BH	0	0	-	2.86	-100.0%	1	0.47	26.2%
MINY HTG OIL	QH	0	0.05	400.0%	0.43	-41.7%	0	0.2	58.7%
RBOB PHY	RB	197,552	162,213.05	21.8%	177,771.24	11.1%	197,445	215,769.09	-8.5%
MINY RBOB GAS	QU	0	0.5	-20.0%	0.62	-35.4%	0	0.37	16.9%
NATURAL GAS	HP	4,821	9,026.7	-46.6%	3,985.76	20.9%	5,465	8,200.34	-33.4%
LTD NAT GAS	HH	14,370	13,749.05	4.5%	12,026.38	19.5%	13,469	12,408.09	8.6%
MINY NATURAL GAS	QG	3,176	8,788.95	-63.9%	3,137.43	1.2%	5,311	4,498	18.1%
PJM MONTHLY	JM	0	0	-	0	-	0	0	-
NATURAL GAS PHY	NG	300,925	492,645.65	-38.9%	326,684.95	-7.9%	377,077	548,329.97	-31.2%
RBOB GAS	RT	0	0	-	2.86	-100.0%	1	0.58	1.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	-	0	-	0	0.19	-100.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	495	191.45	158.6%	595.24	-16.8%	405	318.58	27.1%
ARGUS PROPAN FAR EST INDE	7E	268	178.9	49.7%	232.67	15.1%	282	262.75	7.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	66	107	-38.2%	52.43	26.1%	96	128.97	-25.7%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	J9	8	0	-	0	-	7	10.49	-29.9%
BRENT CALENDAR SWAP	CY	466	230.3	102.3%	464.29	0.4%	387	501.03	-22.8%
BRENT FINANCIAL FUTURES	BB	0	0	-	47.62	-100.0%	39	0	-
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	1.8	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	1	0	-
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAR VINTAGE	GEO	2	0	-	3.81	-51.4%	2	0	-
CHICAGO ETHANOL SWAP	CU	3,993	3,481.45	14.7%	3,628.95	10.0%	3,850	4,226.28	-8.9%
CHICAGO ULSD PL VS HO SPR	5C	19	24	-22.9%	12.62	46.6%	27	54.39	-50.3%
CHICAGO UNL GAS PL VS RBO	3C	0	21.25	-100.0%	0	-	4	7.14	-41.6%
CIG BASIS	CI	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	H5	0	0	-	0	-	0	10.95	-100.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	-	0	-	0	0	-
CIN HUB 5MW REAL TIME PK	H3	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	0	23.35	-100.0%	10.71	-100.0%	6	20.23	-68.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	10	25.75	-60.2%	7.33	39.8%	7	12.41	-44.5%

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CONWAY PROPANE 5 DECIMALS SWAP	8K	801	932	-14.0%	650.24	23.2%	615	932.99	-34.1%
CRUDE OIL	LPS	0	51.25	-100.0%	0	-	0	41.7	-100.0%
CRUDE OIL LAST DAY	26	19	0	-	13.33	42.1%	20	0	-
CRUDE OIL OUTRIGHTS	42	7	75.1	-90.7%	18.14	-61.7%	16	90.93	-82.8%
CRUDE OIL OUTRIGHTS	CC5	55	16.9	224.0%	112.86	-51.5%	80	26.44	203.5%
CRUDE OIL OUTRIGHTS	CSW	80	0	-	85.43	-6.9%	84	0.87	9525.5%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-	0	2.72	-100.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	GSW	11	0	-	0	-	24	0	-
CRUDE OIL OUTRIGHTS	HTT	2,296	3,643.4	-37.0%	2,790.71	-17.7%	2,916	4,781.88	-39.0%
CRUDE OIL OUTRIGHTS	LSW	29	30.75	-7.3%	15	90.0%	56	39.17	42.3%
CRUDE OIL OUTRIGHTS	WCW	149	74	100.7%	212.14	-30.0%	244	130.97	86.6%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	146	22.45	549.2%	96.95	50.3%	181	318.02	-43.0%
CRUDE OIL SPRDS	38	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	ANT	0	0	-	0	-	8	8.25	-2.9%
CRUDE OIL SPRDS	HIL	0	43	-100.0%	0	-	47	19.51	141.1%
CRUDE OIL SPRDS	WTT	1,417	422.2	235.6%	555.81	154.9%	1,435	1,426.33	0.6%
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	PNO	0	0	-	0	-	0	0	-
DAILY PJM	PNP	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 BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-	0	6.21	-100.0%
DATED TO FRONTLINE BRENT	FY	28	0	-	0	-	12	2.37	402.8%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0	-

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Energy Futures									
DOMINION TRANSMISSION INC	PG	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	0	2.91	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	0	-	0	103.4	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FU1	TTF	3,620	1,835.65	97.2%	3,672.43	-1.4%	2,876	1,779.59	61.6%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	A5	21	41.65	-50.8%	47.48	-56.8%	29	49.11	-40.5%
ELEC FINSETTLED	47	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-	0	0	-
ETHANOL	MTH	0	0	-	0.48	-100.0%	0	0.29	-66.4%
ETHANOL SWAP	MT2	10	1.5	550.0%	2.86	241.3%	6	5.17	12.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	162	142.05	14.3%	195	-16.7%	184	249.64	-26.3%
EURO 3.5% FUEL OIL RDAM B	KR	0	1.5	-100.0%	0	-	0	0.63	-100.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	-	0	-	0	0.21	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-	8	0.73	981.1%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0	-
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-	0	0.36	-100.0%
EUROPE 3.5% FUEL OIL RDAM	UV	0	20.45	-100.0%	0.05	-100.0%	2	19.32	-89.0%
EUROPEAN GASOIL (ICE)	7F	5	0.1	4800.0%	0.48	929.0%	43	2.96	1344.2%
EUROPEAN NAPHTHA BALMO	KZ	0	1.15	-100.0%	0.38	-100.0%	0	0.39	-59.6%
EUROPEAN NAPHTHA CRACK SPR	EN	17	38.6	-55.1%	33.52	-48.2%	31	87.56	-64.3%
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	7	0	-
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	UN	16	18.1	-13.8%	18.71	-16.6%	22	29.87	-25.6%
EURO PROPANE CIF ARA SWA	PS	43	69.95	-38.1%	61.81	-29.9%	72	99.21	-27.4%
FREIGHT MARKETS	ACB	0	0	-	0	-	0	7.14	-100.0%
FREIGHT MARKETS	BF1	0	0	-	0	-	0	0.15	-100.0%
FREIGHT MARKETS	BF2	1	4.75	-84.2%	0.43	75.0%	1	5.17	-77.5%
FREIGHT MARKETS	BF3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLJ	1	0	-	0.71	-2.0%	0	0	-
FREIGHT MARKETS	FLP	0	6.6	-100.0%	3.14	-100.0%	5	11.13	-57.2%
FREIGHT MARKETS	FRC	0	0	-	0	-	1	0.39	76.7%
FREIGHT MARKETS	T2D	0	15.65	-100.0%	0	-	2	7.7	-80.3%
FREIGHT MARKETS	T7C	0	0	-	0	-	0	0	-

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Energy Futures									
FREIGHT MARKETS	T8C	1	0	-	0	-	0	0	-
FREIGHT MARKETS	USC	0	0	-	0	-	0	0.87	-100.0%
FREIGHT MARKETS	USE	0	0	-	0	-	1	0	-
FUEL OIL CRACK VS ICE	FO	0	1.7	-100.0%	0	-	13	17.85	-29.3%
FUEL OIL NWE CRACK VS ICE	FI	4	0	-	0	-	1	0	-
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0.5	-100.0%
GAS EURO-BOB OXY NWE BARGES	7H	6	97.8	-93.8%	12.19	-50.0%	23	110.22	-78.9%
GAS EURO-BOB OXY NWE BARGES CRK	7K	130	286.05	-54.6%	58.29	122.9%	220	373.17	-41.0%
GASOIL 0.1CIF MED VS ICE	Z5	3	0	-	0	-	1	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	0	1	-100.0%	0.24	-100.0%	0	0.73	-32.7%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	GX	2	0.9	133.3%	9.52	-77.9%	6	2.13	200.2%
GASOIL CRACK SPREAD CALEN	GZ	31	27	16.1%	0	-	43	114.05	-62.5%
GASOIL MINI CALENDAR SWAP	QA	23	19.35	16.8%	20.24	11.7%	21	32.7	-37.0%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	11.1	-100.0%	0	-	0	88.47	-99.5%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	253	195.95	29.2%	205.48	23.3%	245	216.71	13.1%
GRP THREE UNL GS (PLT) VS	A8	120	142	-15.7%	36.19	230.9%	136	166.68	-18.4%
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	0	-	0	20.43	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	3.6	-100.0%	0	-	0	9.5	-100.0%
GULF COAST JET VS NYM 2 H	ME	794	685.7	15.9%	1,060.33	-25.1%	1,071	1,019.19	5.1%
GULF COAST NO.6 FUEL OIL	MF	63	344.25	-81.8%	66.52	-5.7%	122	807.69	-84.9%
GULF COAST NO.6 FUEL OIL	MG	68	0	-	0	-	13	4.68	182.8%
GULF COAST ULSD CALENDAR	LY	21	43.65	-51.7%	44.76	-52.9%	28	53.13	-47.3%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	10.34	-100.0%
HEATING OIL BALMO CLNDR S	1G	27	2.25	1106.7%	0	-	17	11.23	52.2%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	24	0	-
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	0	120	-100.0%	0	-	0	64.85	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-	0	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	120	-100.0%	0	-	0	81.48	-100.0%
HENRY HUB SWAP	NN	1,596	6,844.5	-76.7%	1,482.52	7.7%	1,293	4,492.53	-71.2%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	0	-

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Energy Futures									
ICE BRENT DUBAI SWAP	DB	25	183.75	-86.2%	36	-29.6%	38	279.81	-86.3%
ICE GASOIL BALMO SWAP	U9	0	0	-	0.95	-100.0%	0	0	-
INDIANA MISO	FTD	0	0	-	0	-	0	0	-
INDIANA MISO	PDD	0	0	-	0	-	0	0	-
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	ICI	8	10.05	-25.4%	16.9	-55.6%	10	9.59	6.3%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-	0	1.46	-100.0%
JAPAN C&F NAPHTHA SWAP	JA	4	4.45	-20.2%	4.62	-23.1%	3	8.52	-60.4%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0.27	-100.0%
JET CIF NWE VS ICE	JC	11	0	-	5.57	93.8%	7	0	-
JET FUEL UP-DOWN BALMO CL	1M	66	61.75	7.3%	52.38	26.5%	48	103.59	-53.5%
JKM LNG Futures	JKM	21	17.1	24.6%	18.52	15.0%	21	26.43	-22.4%
LA CARB DIESEL (OPIS) SWA	KL	18	8.85	100.6%	2.38	645.5%	10	22.84	-54.9%
LA CARBOB GASOLINE(OPIS)S	JL	6	3.75	66.7%	4.76	31.3%	2	6.07	-63.6%
LA JET (OPIS) SWAP	JS	8	13.75	-41.8%	9.52	-16.0%	13	37.77	-65.1%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	0	2.5	-100.0%	17.14	-100.0%	10	62.67	-84.8%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-	0	0	-
MARS (ARGUS) VS WTI SWAP	YX	0	0	-	7.14	-100.0%	13	24.08	-47.1%
MARS (ARGUS) VS WTI TRD M	YV	963	750.6	28.3%	974.76	-1.2%	951	779.77	22.0%
MARS BLEND CRUDE OIL	MB	0	5	-100.0%	0	-	0	0.97	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	441	766.85	-42.5%	408.24	7.9%	673	1,166.23	-42.3%
MCCLOSKEY RCH BAY COAL	MFF	27	55	-50.6%	30.52	-11.1%	43	67.54	-36.9%
MGN1 SWAP FUT	MGN	0	0	-	0	-	0	2.33	-100.0%
MICHIGAN BASIS	NF	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	0	-	2.14	-100.0%	1	0.84	-11.9%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	4	0	-	0	-	2	8.16	-72.2%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	28	35.15	-19.2%	38.62	-26.5%	33	37.07	-12.3%
MJC FUT	MJC	0	0	-	0.95	-100.0%	0	0	-
MNC FUT	MNC	23	30.3	-24.9%	25	-9.0%	20	78.48	-73.9%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,012	1,763.85	-42.6%	1,088.19	-7.0%	1,170	1,019.31	14.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	18	2.5	630.0%	6.9	164.3%	19	3.96	386.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	7,764	8,377.75	-7.3%	8,231.86	-5.7%	8,622	9,403.39	-8.3%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	45	79.7	-43.9%	269.33	-83.4%	171	142.53	20.2%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	628	1,330.8	-52.8%	362.81	73.1%	649	1,865.49	-65.2%

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Energy Futures									
MONT BELVIEU NATURAL GASOLINE BALM	R0	23	60.25	-61.4%	22.62	2.8%	26	45.67	-43.0%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	2,389	3,212.85	-25.7%	1,862.19	28.3%	2,233	3,625.89	-38.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	70	43.2	61.1%	36.95	88.4%	69	70.14	-2.0%
NATURAL GAS PEN SWP	NP	1,616	5,268.2	-69.3%	1,450.24	11.5%	2,413	3,215.95	-25.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	0	135.84	-100.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	0	7.46	-100.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	3	70.15	-96.4%	16.67	-85.0%	7	44.48	-83.8%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-
NGPL MID-CONTINENT	NL	0	0	-	0	-	0	0	-
NGPL TEX/OK	PD	0	0	-	0	-	0	0	-
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-	0	2.18	-100.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	0	26.5	-100.0%	0	-	0	24.93	-100.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	MP	21	76.55	-72.3%	36.95	-42.6%	46	208.32	-77.9%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	14.29	-100.0%	15	0	-
NY HARBOR RESIDUAL FUEL 1	MM	8	35	-78.6%	10.71	-30.0%	9	62.14	-85.4%
NYH NO 2 CRACK SPREAD CAL	HK	80	18.5	330.8%	134.29	-40.6%	94	61.95	52.5%
NYISO CAPACITY	LHV	0	0	-	0	-	0	0	-
NYISO CAPACITY	NRS	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH O P	K4	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	-
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-	0	0	-
NYISO ZONE J 5MW D AH PK	D3	0	0	-	0	-	0	0	-
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	UY	0	10	-100.0%	0	-	0	6.8	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	0	37.7	-100.0%	0	-	0	33.75	-98.5%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	0	-

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Energy Futures									
PETROCHEMICALS	22	8	5.55	36.0%	7.24	4.3%	7	7.32	1.8%
PETROCHEMICALS	32	3	2.3	19.6%	1.24	122.1%	3	4.19	-18.2%
PETROCHEMICALS	3NA	1	0	-	1.29	-2.8%	1	0.06	1194.9%
PETROCHEMICALS	51	0	0	-	0	-	0	0.05	-100.0%
PETROCHEMICALS	81	4	0	-	0	-	1	0.58	46.4%
PETROCHEMICALS	8I	29	61.9	-53.6%	106.19	-73.0%	60	40.64	47.7%
PETROCHEMICALS	91	15	5.7	157.9%	22.48	-34.6%	18	17.06	6.2%
PETROCHEMICALS	MAA	2	23	-93.5%	0	-	1	6.17	-79.3%
PETROCHEMICALS	MAE	26	45	-41.9%	20.48	27.7%	27	34.49	-21.5%
PETROCHEMICALS	MAS	9	10.9	-19.7%	8.48	3.2%	8	16.66	-50.4%
PETROCHEMICALS	MBE	2	17.5	-91.4%	2.86	-47.5%	2	10.87	-81.1%
PETROCHEMICALS	MNB	7	37.05	-82.5%	2.52	157.5%	6	11.68	-51.1%
PETROCHEMICALS	MPS	30	30.5	-1.6%	15.81	89.8%	18	17.52	1.7%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	1.46	-100.0%
PETRO CRCKS & SPRDS NA	CRB	793	962.5	-17.6%	965.48	-17.9%	1,108	849.03	30.5%
PETRO CRCKS & SPRDS NA	EXR	20	24.55	-20.6%	32.52	-40.0%	38	74.26	-49.3%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GBB	0	61.85	-100.0%	4.76	-100.0%	1	31.82	-96.9%
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	-	0	3.93	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	9.55	-100.0%	0.95	-100.0%	4	47.2	-92.3%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GCU	0	23.85	-100.0%	0	-	6	130.34	-95.6%
PETRO CRCKS & SPRDS NA	HOB	0	17.75	-100.0%	0	-	3	76.78	-95.5%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	89	142.75	-37.7%	57.19	55.6%	78	228.44	-65.9%
PETRO CRCKS & SPRDS NA	RVG	36	255.95	-85.9%	71.19	-49.4%	79	408.84	-80.8%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0.1	-100.0%
PETRO CRK&SPRD EURO	1NB	9	0	-	0	-	2	29.95	-92.4%
PETRO CRK&SPRD EURO	43	0	1	-100.0%	0	-	0	0.19	-54.6%
PETRO CRK&SPRD EURO	BOB	0	0.25	-100.0%	0.24	-100.0%	3	2.63	18.1%
PETRO CRK&SPRD EURO	EOB	0	0.5	-100.0%	0	-	0	0.19	-74.8%
PETRO CRK&SPRD EURO	EPN	18	10.45	69.4%	21.76	-18.7%	23	22.95	0.2%
PETRO CRK&SPRD EURO	EVC	5	0	-	2.86	83.8%	3	1.97	41.8%

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Energy Futures									
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-	0	0.97	-100.0%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-	0	0.05	-100.0%
PETRO CRK&SPRD EURO	NOB	0	0.5	-100.0%	0.43	-100.0%	1	3.52	-82.2%
PETROLEUM PRODUCTS	1NM	1	0	-	10	-87.5%	4	6.16	-29.1%
PETROLEUM PRODUCTS	BEB	0	0	-	0.14	-100.0%	0	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0.05	-100.0%	0	0	-
PETROLEUM PRODUCTS	CMS	5	0	-	0	-	2	0	-
PETROLEUM PRODUCTS	EWG	68	7.5	812.0%	0	-	16	40.73	-61.1%
PETROLEUM PRODUCTS	H5F	0	1.5	-100.0%	0	-	0	29.54	-100.0%
PETROLEUM PRODUCTS	JCC	4	0	-	20.76	-79.8%	6	10.53	-46.0%
PETROLEUM PRODUCTS	MME	0	0	-	0	-	0	0.97	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	NCC	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-	0	0.02	-100.0%
PETROLEUM PRODUCTS	R5F	1	0.1	1250.0%	0.62	118.1%	2	0.44	272.5%
PETROLEUM PRODUCTS	S53	0	0.6	-100.0%	0	-	0	0.4	-100.0%
PETROLEUM PRODUCTS	UCS	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	0	16.25	-100.0%	1.43	-100.0%	3	10.15	-69.9%
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0	-	0	0.73	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	4	23.85	-82.2%	9.52	-55.4%	6	24.73	-76.0%
PETRO OUTRIGHT EURO	0B	0	0	-	0	-	0	0.97	-100.0%
PETRO OUTRIGHT EURO	0D	5	5.45	-9.2%	5.29	-6.4%	4	15.49	-71.6%
PETRO OUTRIGHT EURO	0F	0	2	-100.0%	0	-	0	5.17	-98.3%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	5L	0	0	-	0	-	0	0.62	-100.0%
PETRO OUTRIGHT EURO	63	0	0	-	0	-	0	0.19	-100.0%
PETRO OUTRIGHT EURO	7I	0	0	-	0	-	0	0.44	-100.0%
PETRO OUTRIGHT EURO	7R	0	0.25	-100.0%	0	-	0	0.68	-92.8%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-	0	0.63	-100.0%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.07	-100.0%

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CPB	1	1.5	-33.3%	23.57	-95.8%	26	9.55	172.2%
EFF	0	1.5	-100.0%	0	-	0	0.39	-100.0%
EFM	0	0	-	0	-	0	0	-
ENS	0	0	-	0	-	0	0	-
EWN	0	0	-	0	-	3	1.73	79.8%
FLB	0	0	-	0	-	0	0	-
GNO	0	0	-	0	-	0	0.1	-100.0%
H5G	0	0	-	0	-	0	2.62	-100.0%
JFB	0	0.45	-100.0%	0	-	0	0.09	12.1%
M1B	90	24.35	269.6%	42.95	109.5%	60	21.95	174.9%
MBB	3	0	-	0.95	215.0%	2	0	-
MBN	2	17.25	-91.3%	10.95	-86.3%	22	16.76	30.8%
MEF	9	12.55	-26.3%	8.57	7.9%	14	5.94	140.1%
R53	0	0	-	0	-	1	1.52	-61.4%
R5B	0	0	-	0.95	-100.0%	0	0.1	364.5%
R5M	40	23.5	70.9%	34.1	17.8%	30	22.22	36.9%
R5O	34	59.75	-43.7%	46.71	-28.0%	39	32.14	21.8%
RBM	0	0	-	0	-	0	0.38	-100.0%
S5B	0	0	-	0	-	0	0	-
S5F	5	9.85	-52.8%	2.67	74.4%	6	6.06	-6.8%
S5M	62	67.05	-8.3%	61.67	-0.3%	77	71.98	6.4%
S5O	44	27.55	61.0%	42.76	3.7%	50	25.89	91.7%
SMU	8	0	-	0	-	1	0	-
T0	0	0	-	0	-	0	0	-
T2B	0	0	-	0	-	0	0	-
ULB	0	0	-	0	-	0	0.15	-100.0%
UNB	0	0	-	0	-	0	2.91	-100.0%
A8B	0	0	-	2.38	-100.0%	3	0	-
AB6	31	1.25	2360.0%	0	-	15	0.73	1939.7%
BCR	104	17.5	492.9%	105.95	-2.1%	105	5.1	1964.8%
DBB	0	0	-	0	-	0	0.73	-100.0%
H5B	0	0	-	0	-	0	15.38	-100.0%
JE	2	0	-	2.38	-16.0%	1	6.99	-79.0%
JET	24	82.5	-71.2%	2.38	897.5%	10	44.17	-77.3%
JTB	0	8.75	-100.0%	0	-	0	17.38	-100.0%

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Energy Futures									
PETRO OUTRIGHT NA	MBL	0	6.3	-100.0%	13.14	-100.0%	4	1.33	186.7%
PETRO OUTRIGHT NA	MEN	0	2.95	-100.0%	1.67	-100.0%	2	4.39	-54.4%
PETRO OUTRIGHT NA	MEO	16	71.65	-78.0%	14.48	8.8%	19	67.58	-71.5%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-	0	0.37	-100.0%
PETRO OUTRIGHT NA	MMF	0	0	-	0	-	0	0.68	-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 DAYTON DA OFF-PEAK	R7	0	0	-	0	-	0	0	-
PJM DAYTON DA PEAK	D7	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 PECO ZONE5MW PEAK CAL MO DAY A	4N	0	0	-	0	-	0	0	-
PJM PSEG DA OFF-PEAK	W6	0	0	-	0	-	0	0	-
PJM PSEG DA PEAK	L6	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	0	-	0	-	0	0	-
PJM WESTHDA PEAK	J4	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	86.43	-100.0%
PLASTICS	PGP	15	33	-54.7%	41.38	-63.9%	83	44.5	87.6%
PREMIUM UNLD 10P FOB MED	3G	0	0	-	0	-	0	1.53	-100.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	59	50.15	17.6%	96.05	-38.6%	77	91.26	-15.8%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	512	1,799.65	-71.6%	511.57	0.1%	876	1,251.39	-30.0%
RBOB CALENDAR SWAP	RL	373	210.1	77.4%	455.24	-18.1%	298	269.72	10.4%
RBOB CRACK SPREAD	RM	110	48	129.3%	198.57	-44.6%	121	74.51	62.9%
RBOB GASOLINE BALMO CLNDR	1D	47	17.8	163.5%	17.71	164.8%	19	27.93	-30.3%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	0	65	-100.0%	0	-	4	35.83	-88.9%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-	0	0.4	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0.38	-100.0%
SINGAPORE 380CST FUEL OIL	SE	16	8.15	92.6%	15.19	3.4%	10	15.82	-35.2%
SINGAPORE FUEL 180CST CAL	UA	0	1.4	-100.0%	0	-	0	1.57	-100.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-	0	0.78	-100.0%
SINGAPORE GASOIL	MAF	5	9	-41.7%	13.29	-60.5%	10	11.81	-15.9%

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Energy Futures									
SINGAPORE GASOIL	MTB	0	0	-	0	-	0	0.6	-60.9%
SINGAPORE GASOIL	MTS	11	13	-16.9%	12.95	-16.6%	15	25.74	-39.9%
SINGAPORE GASOIL	SBM	1	2.15	-76.7%	0.33	50.0%	1	1.14	-26.6%
SINGAPORE GASOIL CALENDAR	MSG	24	50.3	-51.7%	12.71	91.1%	37	48.68	-23.6%
SINGAPORE GASOIL SWAP	SG	45	30.6	45.6%	62.29	-28.5%	79	62.03	27.8%
SINGAPORE GASOIL VS ICE	GA	30	1.5	1900.0%	0	-	35	2.74	1171.5%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	0	3.35	-100.0%
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	3	0	-
SINGAPORE JET KEROSENE SW	KS	20	19.25	3.9%	4.76	320.0%	8	47.89	-83.1%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	3	0.24	1111.9%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	4	33.5	-87.8%	29.62	-86.2%	19	179.13	-89.1%
Sumas Basis Swap	NK	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	1	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	1	1.36	-2.6%
TCO BASIS SWAP	TC	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	TL	22	38.45	-42.8%	122.62	-82.1%	89	148.21	-39.7%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-	0	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	3.5	-100.0%	0	-	24	17.57	38.6%
ULSD UP-DOWN BALMO SWP	1L	372	237.6	56.5%	146.19	154.3%	281	347.69	-19.1%
UP DOWN GC ULSD VS NMX HO	LT	1,315	3,300.65	-60.2%	1,079.05	21.9%	1,423	2,802.61	-49.2%
WAHA BASIS	NW	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	0	0	-
WTI-BRENT CALENDAR SWAP	BK	1,630	2,154.6	-24.4%	1,774.24	-8.1%	1,904	2,463.48	-22.7%
WTI CALENDAR	CS	2,848	2,837.6	0.4%	2,045.43	39.2%	2,630	3,676.86	-28.5%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	17	2.91	490.7%
WTS (ARGUS) VS WTI SWAP	FF	89	51.75	71.8%	34.14	160.4%	176	339.84	-48.2%
WTS (ARGUS) VS WTI TRD MT	FH	98	47.25	106.3%	0	-	46	85.97	-45.9%

Energy Options

BRENT CALENDAR SWAP	BA	0	46.05	-100.0%	0	-	7	8.94	-22.8%
BRENT CRUDE OIL 1 M CSO	9C	25	75	-66.7%	47.62	-47.5%	691	226.46	205.2%
BRENT OIL LAST DAY	BE	293	1,001.5	-70.7%	1,375.95	-78.7%	1,141	1,631.48	-30.1%
BRENT OIL LAST DAY	BZO	1,040	1,067.7	-2.6%	1,835.05	-43.3%	1,633	2,960.43	-44.8%

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Energy Options									
BRENT OIL LAST DAY	OS	0	0	-	0	-	0	0	-
COAL API2 INDEX	F2C	10	0	-	0.95	976.2%	6	0	-
COAL API2 INDEX	F2Q	14	0	-	7.14	92.5%	9	0	-
CRUDE OIL	6Y	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	WA	6,691	15,884.1	-57.9%	6,673.81	0.3%	7,370	13,283.32	-44.5%
CRUDE OIL APO	AO	1,947	539.9	260.7%	2,000.1	-2.6%	1,797	3,031.78	-40.7%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0	-
CRUDE OIL PHY	CD	0	0	-	0	-	0	7.28	-100.0%
CRUDE OIL PHY	LC	355	567.05	-37.5%	310.57	14.1%	399	707.22	-43.6%
CRUDE OIL PHY	LO	97,730	87,784.3	11.3%	90,766.43	7.7%	110,322	155,722.64	-29.2%
CRUDE OIL PHY	LO1	705	109.05	546.2%	309.95	127.4%	586	1,322.84	-55.7%
CRUDE OIL PHY	LO2	532	66.7	697.0%	447.1	18.9%	515	734.98	-29.9%
CRUDE OIL PHY	LO3	916	58	1480.1%	330.52	177.3%	486	815.39	-40.4%
CRUDE OIL PHY	LO4	753	213.2	253.3%	496.24	51.8%	633	1,258.24	-49.7%
CRUDE OIL PHY	LO5	0	179.75	-100.0%	574.81	-100.0%	237	405.28	-41.6%
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	160	172.2	-6.9%	131.67	21.7%	123	151.24	-18.4%
ETHANOL SWAP	GVR	0	6	-100.0%	0	-	0	5.83	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	3	0	-
HEATING OIL PHY	LB	64	0.5	12600.0%	3.57	1678.0%	15	26.4	-44.9%
HEATING OIL PHY	OH	195	311.9	-37.5%	192.29	1.4%	262	851.08	-69.3%
HENRY HUB FINANCIAL LAST	E7	334	186.9	78.9%	372.05	-10.1%	556	300.23	85.1%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	0	0.97	-100.0%
LLS CRUDE OIL	WTO	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	53.55	-100.0%	0	-	3	29.48	-90.0%
MCCLOSKEY RCH BAY COAL	MFO	0	3.75	-100.0%	0	-	0	2.67	-100.0%
NATURAL GAS 1 M CSO FIN	G4	1,160	2,980	-61.1%	1,502.38	-22.8%	1,961	4,116.03	-52.4%
NATURAL GAS 2 M CSO FIN	G2	0	125	-100.0%	0	-	57	60.68	-6.3%
NATURAL GAS 3 M CSO FIN	G3	1,100	1,380	-20.3%	1,113.95	-1.3%	859	1,674.81	-48.7%
NATURAL GAS 5 M CSO FIN	G5	100	0	-	119.05	-16.0%	109	101.46	7.7%
NATURAL GAS 6 M CSO FIN	G6	0	0	-	0	-	664	1,285.44	-48.4%
NATURAL GAS OPT	JKO	53	0	-	69.05	-24.0%	71	0	-
NATURAL GAS OPT	TFO	2,265	2,735	-17.2%	966.19	134.4%	1,203	560.19	114.7%
NATURAL GAS OPTION ON CALENDAR STR	6J	50	77	-35.1%	257.14	-80.6%	159	155.34	2.2%
NATURAL GAS PHY	KD	89	362.3	-75.5%	100	-11.3%	107	254.9	-57.9%

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Energy Options									
NATURAL GAS PHY	LN	76,301	122,675.1	-37.8%	61,742.76	23.6%	90,312	123,244.36	-26.7%
NATURAL GAS PHY	ON	2,808	5,051.8	-44.4%	2,613.38	7.4%	4,074	7,249.05	-43.8%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	0	0	-
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-	0	5.83	-100.0%
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	48	14.4	231.6%	46.71	2.2%	41	126.06	-67.7%
PETROCHEMICALS	4H	98	17.8	453.1%	0.67	14669.0%	37	5.45	572.8%
PETROCHEMICALS	4J	0	0	-	19.05	-100.0%	4	0.29	1246.2%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	9	0	-	0	-	2	1.22	44.3%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT NA	1N5	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	3	0	-	4.29	-30.0%	8	9.27	-14.4%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	6.02	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	RA	0	0	-	19.9	-100.0%	11	1.46	654.0%
RBOB PHY	OB	262	281.3	-6.9%	465.24	-43.7%	347	478.92	-27.6%
RBOB PHY	RF	7	22.5	-67.8%	2.86	153.8%	4	9.64	-63.5%
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-	0	0	-
SHORT TERM	U11	0	0	-	0	-	0	0.97	-49.5%
SHORT TERM	U12	0	7.5	-100.0%	0	-	1	3.4	-71.1%
SHORT TERM	U13	0	0	-	9.52	-100.0%	2	4.85	-59.6%
SHORT TERM	U14	0	0	-	0	-	0	1.94	-100.0%
SHORT TERM	U15	0	15	-100.0%	0	-	0	5.83	-100.0%
SHORT TERM	U22	0	0	-	0	-	0	0	-
SHORT TERM	U23	0	0	-	0	-	0	0	-
SHORT TERM	U24	0	0	-	0	-	1	0.49	102.0%
SHORT TERM	U25	0	0	-	0	-	3	0	-
SHORT TERM	U26	0	0	-	3.57	-100.0%	1	0	-
SHORT TERM NATURAL GAS	U01	0	0	-	0	-	1	4.85	-84.9%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-	1	0.97	51.5%
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	1	4.37	-77.6%
SHORT TERM NATURAL GAS	U04	0	55	-100.0%	0	-	1	12.14	-91.9%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	2	3.4	-42.3%
SHORT TERM NATURAL GAS	U06	10	0	-	16.67	-40.0%	5	0	-

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Energy Options									
SHORT TERM NATURAL GAS	U07	0	5	-100.0%	3.57	-100.0%	1	4.85	-84.9%
SHORT TERM NATURAL GAS	U08	0	2.5	-100.0%	2.38	-100.0%	0	3.4	-85.6%
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	2	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	0	0.97	-100.0%
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	1	0.97	-24.3%
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	1	0.97	51.5%
SHORT TERM NATURAL GAS	U18	0	0	-	0	-	0	0.97	-100.0%
SHORT TERM NATURAL GAS	U19	0	5	-100.0%	0	-	0	2.67	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	0	2.91	-100.0%
SHORT TERM NATURAL GAS	U21	0	0	-	0	-	0	0.97	-100.0%
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	0	2.43	-100.0%
SHORT TERM NATURAL GAS	U28	0	12.5	-100.0%	0	-	0	5.83	-100.0%
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	8.74	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	-	7.14	-100.0%	1	9.95	-85.2%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	0	1.46	-100.0%
WTI-BRENT BULLET SWAP	BV	466	950.5	-50.9%	1,919.05	-75.7%	1,411	3,836.31	-63.2%
WTI CRUDE OIL 1 M CSO FI	7A	2,046	6,308.75	-67.6%	5,108.33	-59.9%	3,658	5,189.08	-29.5%
Ag Products Futures									
COFFEE	KT	0	0	-	0	-	0	0	-
COTTON	TT	0	0.4	-100.0%	0	-	0	0.22	-100.0%
SUGAR 11	YO	0	0	-	0	-	0	0	-
TOTAL FUTURES GROUP									
Ag Products Futures		0	0.4	-100.0%	0	-	0	0.22	-91.2%
Energy Futures		1,759,320	2,109,247.1	-16.6%	1,694,067.24	3.9%	1,951,229	2,768,891.01	-29.5%
Metals Futures		592,722	470,292.2	26.0%	438,487.62	35.2%	571,794	650,035.09	-12.0%
TOTAL FUTURES		2,352,042	2,579,539.7	-8.8%	2,132,554.86	10.3%	2,523,022.67	3,418,926.32	-26.2%

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TOTAL OPTIONS GROUP								
Energy Options	198,638	251,411.05	-21.0%	181,988.67	9.1%	231,915	331,946.31	-30.1%
Metals Options	56,031	48,967.5	14.4%	44,448.19	26.1%	58,762	89,142.1	-34.1%
TOTAL OPTIONS	254,669	300,378.55	-15.2%	226,436.86	12.5%	290,677.34	421,088.41	-31.0%
TOTAL COMBINED								
Metals	648,753	519,259.7	24.9%	482,935.81	34.3%	630,556	739,177.18	-14.7%
Energy	1,957,958	2,360,658.15	-17.1%	1,876,055.9	4.4%	2,183,144	3,100,837.32	-29.6%
Ag Products	0	0.4	-100.0%	0	-	0	0.22	-91.2%
GRAND TOTAL	2,606,711	2,879,918.25	-9.5%	2,358,991.71	10.5%	2,813,700.01	3,840,014.73	-26.7%