

## NYMEX/COMEX Exchange ADV Report - Monthly

June 2021

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Commodity		ADV JUN 2021	ADV JUN 2020	% CHG	ADV MAY 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	218,186	201,254	8.4%	315,541.7	-30.9%	255,659	335,916.04	-23.9%
NYMEX HOT ROLLED STEEL	HR	828	839.23	-1.3%	1,048.8	-21.1%	1,030	871.02	18.3%
NYMEX PLATINUM	PL	22,427	15,928.36	40.8%	15,031.85	49.2%	18,103	19,935.66	-9.2%
PALLADIUM	PA	1,440	1,070.09	34.6%	3,260.2	-55.8%	2,283	3,519.9	-35.1%
URANIUM	UX	0	0.82	-72.2%	23	-99.0%	7	14.83	-53.0%
COMEX SILVER	SI	91,057	83,940.86	8.5%	75,787.15	20.1%	92,633	89,747.74	3.2%
COMEX E-Mini GOLD	QO	884	840.73	5.1%	1,018.15	-13.2%	1,110	1,672.54	-33.6%
COMEX E-Mini SILVER	QI	248	194.36	27.5%	266.5	-7.0%	361	212.86	69.6%
COMEX COPPER	HG	117,414	101,295.86	15.9%	109,629.3	7.1%	115,462	99,699.78	15.8%
COMEX MINY COPPER	QC	235	24.68	850.6%	245	-4.2%	198	24.99	691.7%
ALUMINUM	A38	1	0	-	0	-	1	0	-
ALUMINUM	AEP	182	20.23	798.7%	37.3	387.3%	138	201.13	-31.4%
ALUMINUM	ALA	1	5.23	-73.9%	31.5	-95.7%	25	6.6	271.5%
ALUMINUM	ALI	571	130.77	336.6%	691.5	-17.4%	389	117.94	229.6%
ALUMINUM	AUP	326	564.68	-42.3%	245.4	32.8%	312	526.74	-40.8%
ALUMINUM	CUP	0	0	-	0	-	0	0.4	-100.0%
ALUMINUM	EDP	310	66.27	368.4%	67.4	360.6%	138	242.03	-43.1%
ALUMINUM	MJP	36	33.41	8.8%	15	142.4%	9	64.4	-86.2%
COBALT METAL FUTURES	COB	61	0	-	12	409.1%	19	0	-
COPPER	HGS	63	243.5	-74.1%	132.9	-52.6%	129	149.27	-13.5%
FERROUS PRODUCTS	BUS	49	59.68	-18.4%	63.5	-23.3%	78	112.62	-30.4%
GOLD	4GC	0	3.73	-100.0%	0	-	1	1.1	-14.6%
GOLD	SGC	72	43.05	67.8%	17.1	322.4%	52	93.04	-44.2%
GOLD	SGU	131	97.68	33.6%	140.4	-7.1%	138	294.98	-53.1%
HOT ROLLED COIL STEEL FUTURES	EHR	90	12.5	616.7%	21.1	324.6%	52	9.2	468.8%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	59.95	-100.0%	0	-	0	114.86	-100.0%
IRON ORE CHINA	TIO	46	0	-	47.55	-2.3%	48	0	-
METALS	HDG	0	1.36	-100.0%	0	-	0	0.24	44.5%
METALS	LTH	0	0	-	0.25	-100.0%	0	0	-
MICRO GOLD	MGC	56,323	71,258.27	-21.0%	59,284.55	-5.0%	62,623	64,239.38	-2.5%
SILVER	SIL	8,859	5,184.05	70.9%	10,062.6	-12.0%	11,575	2,878.12	302.2%

### Metals Options

ALUMINUM	ALO	48	0	-	0	-	18	1.2	1412.1%
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<b>Metals Options</b>									
COMEX COPPER	HX	4,143	757.64	446.8%	4,898.7	-15.4%	3,413	2,437.95	40.0%
COMEX GOLD	OG	31,893	35,947.36	-11.3%	33,860.9	-5.8%	36,818	62,277.91	-40.9%
COMEX SILVER	SO	8,793	5,221.05	68.4%	7,806.95	12.6%	8,798	8,987.46	-2.1%
COPPER	H1E	0	0	-	0.05	718.2%	0	8.66	-97.5%
COPPER	H2E	0	0	-	0.05	445.4%	0	5.49	-95.2%
COPPER	H3E	0	0	-	0.15	-69.7%	0	5.86	-97.4%
COPPER	H4E	0	0	-	0.9	-100.0%	0	2.96	-93.2%
COPPER	H5E	0	0	-	0	-	0	5.54	-99.7%
GOLD	OG1	2,705	1,432.5	88.9%	2,508.85	7.8%	2,212	1,816.39	21.8%
GOLD	OG2	2,387	1,645.82	45.0%	2,431.5	-1.8%	2,176	1,907.01	14.1%
GOLD	OG3	2,888	1,149.09	151.3%	2,296	25.8%	2,152	1,657.99	29.8%
GOLD	OG4	1,158	932.32	24.2%	1,589.55	-27.2%	1,305	1,467.4	-11.1%
GOLD	OG5	0	0	-	0	-	492	429.37	14.6%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-	0	0.6	-100.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	-	0	-	0	29.76	-100.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	-	0	-	0	50.79	-100.0%
IRON ORE CHINA	ICT	59	0	-	21.2	178.7%	16	0	-
NYMEX HOT ROLLED STEEL	HRO	15	0	-	1.25	1100.0%	13	0	-
NYMEX PLATINUM	PO	149	26.77	456.5%	107.85	38.2%	163	181.66	-10.5%
PALLADIUM	PAO	43	3.32	1194.6%	29.55	45.4%	36	45.26	-21.1%
SILVER	SO1	191	159.5	19.6%	170.3	12.0%	130	140.61	-7.3%
SILVER	SO2	270	55.05	390.3%	112.5	139.9%	145	119.18	21.3%
SILVER	SO3	195	48.73	300.0%	101.2	92.6%	126	105.85	18.9%
SILVER	SO4	86	33.95	154.4%	93.95	-8.1%	64	81.53	-21.9%
SILVER	SO5	0	0	-	0	-	23	31.37	-27.2%

### Energy Futures

CRUDE OIL PHY	CL	921,096	871,452.86	5.7%	954,182.8	-3.5%	1,009,902	1,399,747.5	-27.9%
CRUDE OIL	WS	0	0	-	0	-	26	23.38	11.5%
MINY WTI CRUDE OIL	QM	19,269	20,439.55	-5.7%	19,937.85	-3.4%	19,489	42,133.62	-53.7%
BRENT OIL LAST DAY	BZ	77,522	89,112.32	-13.0%	80,906.85	-4.2%	100,001	134,188.2	-25.5%

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<b>Energy Futures</b>									
HEATING OIL PHY	HO	123,830	126,027.64	-1.7%	141,412.9	-12.4%	148,476	199,707.46	-25.7%
HTG OIL	BH	2	2.18	8.3%	0	-	1	0.77	17.6%
MINY HTG OIL	QH	0	0.23	0.0%	0.25	-9.1%	0	0.21	47.4%
RBOB PHY	RB	176,522	158,897.45	11.1%	197,551.9	-10.6%	193,733	205,759.68	-5.8%
MINY RBOB GAS	QU	1	0.27	83.4%	0.4	25.0%	0	0.35	26.0%
NATURAL GAS	HP	7,354	6,575.73	11.8%	4,820.5	52.5%	5,800	7,914.41	-26.7%
LTD NAT GAS	HH	17,391	10,272.55	69.3%	14,370.1	21.0%	14,165	12,032.23	17.7%
MINY NATURAL GAS	QG	4,585	5,882.86	-22.1%	3,175.65	44.4%	5,182	4,741.74	9.3%
PJM MONTHLY	JM	0	0	-	0	-	0	0	-
NATURAL GAS PHY	NG	409,822	437,771.73	-6.4%	300,924.95	36.2%	382,886	528,871.72	-27.6%
RBOB GAS	RT	0	0.55	-100.0%	0	-	0	0.58	-16.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	-	0	-	0	0.16	-100.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	739	275.73	168.1%	495	49.3%	464	311.04	49.2%
ARGUS PROPAN FAR EST INDE	7E	252	208.91	20.4%	267.9	-6.1%	277	253.27	9.3%
ARGUS PROPAN(SAUDI ARAMCO	9N	72	105.14	-31.8%	66.1	8.5%	92	124.78	-26.6%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	J9	0	11.36	-100.0%	7.5	-100.0%	6	10.64	-43.2%
BRENT CALENDAR SWAP	CY	399	317.64	25.5%	466	-14.5%	389	468.75	-17.0%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-	32	0	-
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	1.48	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	11.82	-100.0%	0	-	1	2.08	-73.6%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAR VINTAGE	GEO	8	0	-	1.85	342.3%	3	0	-
CHICAGO ETHANOL SWAP	CU	3,041	2,579.36	17.9%	3,993.35	-23.9%	3,707	3,936.42	-5.8%
CHICAGO ULSD PL VS HO SPR	5C	10	42.05	-76.2%	18.5	-45.9%	24	52.22	-54.0%
CHICAGO UNL GAS PL VS RBO	3C	0	7.27	-100.0%	0	-	3	7.16	-52.1%
CIG BASIS	CI	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	H5	0	9.91	-100.0%	0	-	0	10.77	-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	10	0	-	0	-	7	16.67	-58.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	25	44.77	-45.1%	10.25	139.9%	10	18.1	-44.6%

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CONWAY PROPANE 5 DECIMALS SWAP	8K	821	654.09	25.6%	801.25	2.5%	652	883.9	-26.3%
CRUDE OIL	LPS	0	0	-	0	-	0	34.36	-100.0%
CRUDE OIL LAST DAY	26	7	10.14	-31.8%	18.95	-63.5%	18	1.78	892.2%
CRUDE OIL OUTRIGHTS	42	4	104.91	-96.7%	6.95	-49.6%	14	93.39	-85.5%
CRUDE OIL OUTRIGHTS	CC5	2	20.45	-90.7%	54.75	-96.5%	66	25.38	161.3%
CRUDE OIL OUTRIGHTS	CSW	147	0	-	79.5	84.4%	95	0.72	13121.3%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-	0	2.24	-100.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	GSW	0	0	-	10.7	-100.0%	19	0	-
CRUDE OIL OUTRIGHTS	HTT	2,964	2,651.45	11.8%	2,296	29.1%	2,924	4,406.93	-33.6%
CRUDE OIL OUTRIGHTS	LSW	55	12.27	351.1%	28.5	94.3%	56	34.44	61.6%
CRUDE OIL OUTRIGHTS	WCW	75	125.23	-39.7%	148.5	-49.2%	214	129.96	65.0%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	75	41.27	81.1%	145.75	-48.7%	162	269.31	-39.7%
CRUDE OIL SPRDS	38	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	ANT	29	21.82	31.3%	0	-	12	10.64	9.7%
CRUDE OIL SPRDS	HIL	0	9.82	-100.0%	0	-	39	17.81	117.4%
CRUDE OIL SPRDS	WTT	898	707.73	26.9%	1,417	-36.6%	1,340	1,299.86	3.1%
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	5.12	-100.0%
DATED TO FRONTLINE BRENT	FY	0	0	-	27.75	-100.0%	10	1.95	402.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0	-

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DOMINION TRANSMISSION INC	PG	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	0	2.4	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	0	-	0	85.2	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FU1	TTF	1,957	2,187.18	-10.5%	3,620.4	-45.9%	2,713	1,851.33	46.5%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	A5	5	7.36	-38.9%	20.5	-78.0%	25	41.76	-40.6%
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	-	0	0.24	-66.4%
ETHANOL SWAP	MT2	10	16.14	-40.8%	9.75	-2.1%	6	7.1	-8.8%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	131	98.64	32.9%	162.35	-19.3%	175	223.06	-21.8%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-	0	0.52	-100.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	-	0	-	0	0.18	-100.0%
EURO GASOIL 10PPM VS ICE	ET	6	0	-	0	-	8	0.6	1167.5%
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	1	0	-	0	-	0	0.3	-64.6%
EUROPE 3.5% FUEL OIL RDAM	UV	1	6.14	-90.4%	0	-	2	17	-89.1%
EUROPEAN GASOIL (ICE)	7F	1	0.09	1100.1%	4.9	-77.7%	35	2.46	1340.2%
EUROPEAN NAPHTHA BALMO	KZ	0	0.45	-100.0%	0	-	0	0.4	-67.8%
EUROPEAN NAPHTHA CRACK SPR	EN	32	44.91	-29.3%	17.35	83.1%	31	80.06	-60.9%
EUROPE DATED BRENT SWAP	UB	0	3.18	-100.0%	0	-	6	0.56	922.5%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	UN	32	12.05	166.4%	15.6	105.7%	24	26.74	-10.3%
EURO PROPANE CIF ARA SWA	PS	51	50	1.6%	43.3	17.4%	68	90.55	-24.6%
FREIGHT MARKETS	ACB	0	0	-	0	-	0	5.88	-100.0%
FREIGHT MARKETS	BF1	0	0	-	0	-	0	0.12	-100.0%
FREIGHT MARKETS	BF2	0	7.32	-100.0%	0.75	-100.0%	1	5.55	-82.7%
FREIGHT MARKETS	BF3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	BL2	2	0	-	0	-	0	0	-
FREIGHT MARKETS	FLJ	1	0	-	0.7	-2.6%	0	0	-
FREIGHT MARKETS	FLP	4	24.23	-85.6%	0	-	5	13.43	-66.2%
FREIGHT MARKETS	FRC	0	0	-	0	-	1	0.32	76.4%
FREIGHT MARKETS	T2D	5	39.09	-86.0%	0	-	2	13.22	-83.2%

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FREIGHT MARKETS	T7C	0	0	-	0	-	0	0	-
FREIGHT MARKETS	T8C	0	0	-	0.5	-100.0%	0	0	-
FREIGHT MARKETS	USC	0	0	-	0	-	0	0.72	-100.0%
FREIGHT MARKETS	USE	0	0	-	0	-	1	0	-
FUEL OIL CRACK VS ICE	FO	0	5.73	-100.0%	0	-	10	15.72	-33.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	3.6	-100.0%	1	0	-
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0.41	-100.0%
GAS EURO-BOB OXY NWE BARGES	7H	64	31.36	104.6%	6.1	952.2%	31	96.34	-68.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	211	311.55	-32.4%	129.9	62.2%	219	362.32	-39.7%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	3	-100.0%	0	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	1	0.23	400.0%	0	-	1	0.64	-5.5%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	GX	7	0	-	2.1	229.0%	6	1.75	269.6%
GASOIL CRACK SPREAD CALEN	GZ	77	23.86	224.6%	31.35	147.1%	49	98.18	-50.2%
GASOIL MINI CALENDAR SWAP	QA	12	24.36	-50.9%	22.6	-47.1%	19	31.23	-39.0%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0	-	0	72.9	-99.5%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	131	175	-25.3%	253.25	-48.4%	225	209.37	7.4%
GRP THREE UNL GS (PLT) VS	A8	82	120.91	-32.3%	119.75	-31.7%	126	158.62	-20.4%
GULF COAST 3% FUEL OIL BA	VZ	0	6.18	-100.0%	0	-	0	17.92	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-	0	7.82	-100.0%
GULF COAST JET VS NYM 2 H	ME	966	705.09	37.0%	794.45	21.6%	1,052	963.91	9.2%
GULF COAST NO.6 FUEL OIL	MF	100	362.86	-72.4%	62.75	59.9%	118	729.4	-83.8%
GULF COAST NO.6 FUEL OIL	MG	54	0	-	67.5	-19.7%	21	3.86	431.8%
GULF COAST ULSD CALENDAR	LY	4	13.59	-71.6%	21.1	-81.7%	24	46.17	-48.6%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	8.52	-100.0%
HEATING OIL BALMO CLNDR S	1G	4	6.82	-36.0%	27.15	-83.9%	15	10.46	41.9%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	20	0	-
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	0	0	-	0	-	0	53.44	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-	0	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	0	-	0	-	0	67.14	-100.0%
HENRY HUB SWAP	NN	3,510	2,424.82	44.7%	1,596.45	119.8%	1,686	4,128.62	-59.2%

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<b>Energy Futures</b>									
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	11	69.55	-84.1%	25.35	-56.2%	34	242.8	-86.2%
ICE GASOIL BALMO SWAP	U9	0	0	-	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	3	11.41	-74.5%	7.5	-61.2%	9	9.91	-10.2%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-	0	1.2	-100.0%
JAPAN C&F NAPHTHA SWAP	JA	3	7.82	-64.5%	3.55	-21.9%	3	8.4	-61.1%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0.22	-100.0%
JET CIF NWE VS ICE	JC	3	0	-	10.8	-69.7%	6	0	-
JET FUEL UP-DOWN BALMO CL	1M	66	61.73	7.5%	66.25	0.2%	51	96.22	-46.6%
JKM LNG Futures	JKM	41	71.59	-42.1%	21.3	94.6%	24	34.38	-29.5%
LA CARB DIESEL (OPIS) SWA	KL	13	2.73	375.0%	17.75	-27.0%	11	19.3	-44.2%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	6.25	-100.0%	2	5	-63.7%
LA JET (OPIS) SWAP	JS	23	17.05	32.0%	8	181.3%	15	34.12	-56.5%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	22	16.36	33.3%	0	-	12	54.52	-78.6%
LOS ANGELES CARB GASOLINE	MH	0	0.68	-100.0%	0	-	0	0.12	-100.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	-	0	-	10	19.84	-47.2%
MARS (ARGUS) VS WTI TRD M	YV	1,026	872.73	17.6%	962.75	6.6%	965	796.13	21.2%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-	0	0.8	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	437	811.64	-46.1%	440.6	-0.8%	631	1,103.82	-42.8%
MCCLOSKEY RCH BAY COAL	MFF	56	18.36	205.4%	27.15	106.6%	45	58.89	-23.6%
MGN1 SWAP FUT	MGN	0	0	-	0	-	0	1.92	-100.0%
MICHIGAN BASIS	NF	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	0	11.77	-96.1%	0	-	1	2.76	-75.2%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	3	6.91	-60.5%	3.5	-22.1%	2	7.94	-70.4%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	23	45.68	-49.5%	28.4	-18.7%	31	38.58	-20.1%
MJC FUT	MJC	0	0	-	0	-	0	0	-
MNC FUT	MNC	60	41.68	44.5%	22.75	164.7%	28	72	-61.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,222	1,330.18	-8.1%	1,011.85	20.8%	1,179	1,074.02	9.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	14	12.27	15.6%	18.25	-22.3%	18	5.42	238.5%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	7,259	6,576.41	10.4%	7,764.3	-6.5%	8,380	8,905.84	-5.9%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	52	36.64	43.2%	44.7	17.3%	150	123.9	21.3%

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<b>Energy Futures</b>									
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	727	1,545.73	-53.0%	628.05	15.8%	663	1,809.21	-63.4%
MONT BELVIEU NATURAL GASOLINE BALM	R0	27	50.91	-46.4%	23.25	17.3%	26	46.59	-43.6%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	2,452	2,836.5	-13.6%	2,388.65	2.6%	2,272	3,486.96	-34.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	57	47.68	18.8%	69.6	-18.6%	67	66.18	0.6%
NATURAL GAS PEN SWP	NP	2,659	2,006.77	32.5%	1,616.35	64.5%	2,457	3,003.14	-18.2%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	0	111.94	-100.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	0	6.14	-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	28.18	-90.3%	2.5	9.1%	6	41.61	-84.6%
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	1.8	-100.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	0	0	-	0	-	0	20.54	-100.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	MP	38	121.27	-68.7%	21.2	79.0%	45	193	-76.9%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	13	0	-
NY HARBOR RESIDUAL FUEL 1	MM	8	12.45	-36.1%	7.5	6.1%	9	53.39	-83.4%
NYH NO 2 CRACK SPREAD CAL	HK	76	2.05	3606.6%	79.7	-4.9%	91	51.41	77.3%
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	0	-	0	-	0	5.6	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	0	15	-100.0%	0	-	0	30.45	-98.7%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-



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<b>Energy Futures</b>									
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	0	-
PETROCHEMICALS	22	5	4.45	5.1%	7.55	-38.0%	7	6.82	2.1%
PETROCHEMICALS	32	1	2.64	-56.9%	2.75	-58.7%	3	3.92	-22.9%
PETROCHEMICALS	3NA	1	0	-	1.25	-56.4%	1	0.05	1395.2%
PETROCHEMICALS	51	0	0.27	-100.0%	0	-	0	0.09	-100.0%
PETROCHEMICALS	81	0	0	-	4.35	-100.0%	1	0.48	46.2%
PETROCHEMICALS	8I	82	33.86	142.0%	28.7	185.6%	64	39.45	62.0%
PETROCHEMICALS	91	8	13.5	-43.8%	14.7	-48.4%	16	16.43	-1.1%
PETROCHEMICALS	MAA	2	0	-	1.5	36.4%	1	5.08	-72.2%
PETROCHEMICALS	MAE	36	44.32	-18.2%	26.15	38.7%	29	36.22	-20.7%
PETROCHEMICALS	MAS	15	15.91	-4.3%	8.75	74.0%	10	16.53	-42.5%
PETROCHEMICALS	MBE	4	0	-	1.5	172.7%	2	8.96	-73.0%
PETROCHEMICALS	MNB	9	10.23	-13.3%	6.5	36.4%	6	11.42	-45.1%
PETROCHEMICALS	MPS	15	22.73	-35.0%	30	-50.8%	17	18.44	-6.3%
PETROCHEMICALS	PMF	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	6.82	-100.0%	0	-	0	2.4	-100.0%
PETRO CRCKS & SPRDS NA	CRB	702	978.64	-28.3%	792.75	-11.5%	1,036	871.84	18.8%
PETRO CRCKS & SPRDS NA	EXR	18	23	-20.0%	19.5	-5.6%	34	65.24	-47.6%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GBB	0	8.82	-100.0%	0	-	1	27.77	-97.1%
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	-	0	3.24	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-	3	38.9	-92.3%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GCU	2	8.55	-73.4%	0	-	5	108.9	-95.3%
PETRO CRCKS & SPRDS NA	HOB	18	2.27	700.0%	0	-	6	63.66	-90.5%
PETRO CRCKS & SPRDS NA	MFR	1	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	67	169.41	-60.4%	89	-24.6%	76	218.05	-65.2%
PETRO CRCKS & SPRDS NA	RVG	97	162.73	-40.5%	36	168.9%	82	365.53	-77.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0.08	-100.0%
PETRO CRK&SPRD EURO	1NB	5	0	-	9.25	-41.0%	3	24.68	-88.5%
PETRO CRK&SPRD EURO	43	0	0.68	-100.0%	0	-	0	0.28	-74.1%
PETRO CRK&SPRD EURO	BOB	15	4.91	200.0%	0	-	5	3.03	70.5%
PETRO CRK&SPRD EURO	EOB	0	0.5	-100.0%	0	-	0	0.25	-83.8%

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<b>Energy Futures</b>									
PETRO CRK&SPRD EURO	EPN	30	15.36	92.9%	17.7	67.4%	24	21.62	11.8%
PETRO CRK&SPRD EURO	EVC	3	0	-	5.25	-42.9%	3	1.62	74.3%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	2	-100.0%	0	-	0	0.35	-100.0%
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	0.8	-100.0%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-	0	0.04	-100.0%
PETRO CRK&SPRD EURO	NOB	1	0.45	80.0%	0	-	1	2.98	-77.8%
PETROLEUM PRODUCTS	1NM	2	5.91	-67.7%	1.25	52.7%	4	6.11	-35.7%
PETROLEUM PRODUCTS	BEB	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	CMS	5	0	-	5	0.0%	3	0	-
PETROLEUM PRODUCTS	EWG	7	13.64	-50.0%	68.4	-90.0%	14	35.96	-60.4%
PETROLEUM PRODUCTS	H5F	0	0	-	0	-	0	24.34	-100.0%
PETROLEUM PRODUCTS	JCC	21	0	-	4.2	395.7%	8	8.68	-3.6%
PETROLEUM PRODUCTS	MME	0	0	-	0	-	0	0.8	-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	4	1.09	279.2%	1.35	206.4%	2	0.55	275.5%
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0.33	-100.0%
PETROLEUM PRODUCTS	UCS	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	0	0	-	0	-	3	8.36	-70.0%
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0	-	0	0.6	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	21	78.64	-73.9%	4.25	383.4%	9	34.22	-75.1%
PETRO OUTRIGHT EURO	0B	2	0	-	0	-	0	0.8	-64.7%
PETRO OUTRIGHT EURO	0C	2	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0D	6	1.05	452.1%	4.95	16.6%	5	12.94	-64.2%
PETRO OUTRIGHT EURO	0F	0	1.36	-100.0%	0	-	0	4.5	-98.4%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	5L	0	0	-	0	-	0	0.51	-100.0%
PETRO OUTRIGHT EURO	63	0	0	-	0	-	0	0.16	-100.0%
PETRO OUTRIGHT EURO	7I	0	2.95	-100.0%	0	-	0	0.88	-100.0%

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<b>Energy Futures</b>								
PETRO OUTRIGHT EURO 7R	0	0.27	-100.0%	0	-	0	0.61	-93.4%
PETRO OUTRIGHT EURO CBB	0	0	-	0	-	0	0.52	-100.0%
PETRO OUTRIGHT EURO CGB	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT EURO CPB	13	1.14	1000.0%	1	1150.0%	24	8.07	192.4%
PETRO OUTRIGHT EURO EFF	0	0	-	0	-	0	0.32	-100.0%
PETRO OUTRIGHT EURO EFM	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO ENS	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO EWN	2	0.77	135.3%	0	-	3	1.56	84.6%
PETRO OUTRIGHT EURO FLB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO GNO	0	0	-	0	-	0	0.08	-100.0%
PETRO OUTRIGHT EURO H5G	0	0	-	0	-	0	2.16	-100.0%
PETRO OUTRIGHT EURO JFB	0	0	-	0	-	0	0.07	11.9%
PETRO OUTRIGHT EURO M1B	85	51.05	66.4%	90	-5.6%	65	27.07	139.1%
PETRO OUTRIGHT EURO MBB	0	0	-	3	-100.0%	2	0	-
PETRO OUTRIGHT EURO MBN	20	5	309.1%	1.5	1263.6%	22	14.69	47.5%
PETRO OUTRIGHT EURO MEF	11	5.32	105.1%	9.25	17.9%	14	5.83	134.4%
PETRO OUTRIGHT EURO R53	0	0	-	0	-	0	1.26	-61.5%
PETRO OUTRIGHT EURO R5B	0	0	-	0	-	0	0.08	363.8%
PETRO OUTRIGHT EURO R5M	67	16.27	310.3%	40.15	66.3%	37	21.18	74.2%
PETRO OUTRIGHT EURO R5O	27	49.14	-45.1%	33.65	-19.8%	37	35.13	5.3%
PETRO OUTRIGHT EURO RBM	0	0	-	0	-	0	0.31	-100.0%
PETRO OUTRIGHT EURO S5B	0	0.05	-100.0%	0.25	-100.0%	0	0.01	403.8%
PETRO OUTRIGHT EURO S5F	5	3.68	24.7%	4.65	-1.3%	5	5.64	-3.2%
PETRO OUTRIGHT EURO S5M	89	78.41	13.6%	61.5	44.9%	79	73.11	7.8%
PETRO OUTRIGHT EURO S5O	61	27.05	126.2%	44.35	38.0%	52	26.1	98.1%
PETRO OUTRIGHT EURO SMU	7	0	-	7.5	-9.1%	2	0	-
PETRO OUTRIGHT EURO T0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO T2B	0	0.91	-100.0%	0	-	0	0.16	-100.0%
PETRO OUTRIGHT EURO ULB	0	0	-	0	-	0	0.12	-100.0%
PETRO OUTRIGHT EURO UNB	0	0	-	0	-	0	2.4	-100.0%
PETRO OUTRIGHT NA A8B	0	0	-	0	-	3	0	-
PETRO OUTRIGHT NA AB6	7	15.23	-52.2%	30.75	-76.3%	14	3.28	311.8%
PETRO OUTRIGHT NA BCR	21	4.55	370.0%	103.75	-79.4%	90	5	1707.3%
PETRO OUTRIGHT NA DBB	0	0	-	0	-	0	0.6	-100.0%
PETRO OUTRIGHT NA H5B	0	11.36	-100.0%	0	-	0	14.67	-100.0%

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<b>Energy Futures</b>									
PETRO OUTRIGHT NA	JE	0	4.77	-100.0%	2	-100.0%	1	6.6	-81.7%
PETRO OUTRIGHT NA	JET	9	2.27	300.0%	23.75	-61.7%	10	36.8	-73.2%
PETRO OUTRIGHT NA	JTB	0	10.23	-100.0%	0	-	0	16.12	-100.0%
PETRO OUTRIGHT NA	MBL	0	0	-	0	-	3	1.1	186.2%
PETRO OUTRIGHT NA	MEN	1	1.73	-39.5%	0	-	2	3.92	-53.3%
PETRO OUTRIGHT NA	MEO	46	78.14	-41.5%	15.75	190.3%	24	69.44	-65.5%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-	0	0.3	-100.0%
PETRO OUTRIGHT NA	MMF	3	0	-	0	-	1	0.56	-6.4%
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	314.18	-100.0%	0	-	0	126.51	-100.0%
PLASTICS	PGP	42	60	-30.4%	14.95	179.4%	76	47.23	61.1%
PREMIUM UNLD 10P FOB MED	3G	0	0	-	0	-	0	1.26	-96.8%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	38	78	-51.9%	59	-36.4%	70	88.93	-21.4%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	558	951.95	-41.4%	511.9	9.0%	819	1,198.69	-31.7%
RBOB CALENDAR SWAP	RL	350	312.23	12.0%	372.75	-6.2%	307	277.2	10.7%
RBOB CRACK SPREAD	RM	137	85.91	59.6%	110.05	24.6%	124	76.52	62.3%
RBOB GASOLINE BALMO CLNDR	1D	54	30.64	75.5%	46.9	14.7%	26	28.41	-10.1%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	5	4.55	0.0%	0	-	4	30.32	-86.6%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-	0	0.33	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0.31	-100.0%
SINGAPORE 380CST FUEL OIL	SE	10	13.59	-28.4%	15.7	-38.0%	10	15.42	-34.1%

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<b>Energy Futures</b>									
SINGAPORE FUEL 180CST CAL	UA	0	1.41	-100.0%	0	-	0	1.54	-100.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-	0	0.64	-100.0%
SINGAPORE GASOIL	MAF	19	9	111.6%	5.25	262.8%	12	11.31	2.1%
SINGAPORE GASOIL	MTB	0	0	-	0	-	0	0.5	-61.0%
SINGAPORE GASOIL	MTS	11	6.95	60.1%	10.8	3.1%	15	22.43	-34.4%
SINGAPORE GASOIL	SBM	0	0.91	-100.0%	0.5	-100.0%	1	1.1	-37.5%
SINGAPORE GASOIL CALENDAR	MSG	10	16.09	-38.4%	24.3	-59.2%	32	42.94	-24.7%
SINGAPORE GASOIL SWAP	SG	57	24.68	130.8%	44.55	27.8%	75	55.46	35.8%
SINGAPORE GASOIL VS ICE	GA	48	0	-	30	59.1%	37	2.26	1544.7%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	0	2.76	-100.0%
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	2	0	-
SINGAPORE JET KEROSENE SW	KS	0	12.73	-100.0%	20	-100.0%	7	41.7	-84.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	2	0.2	1109.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	14	211.82	-93.6%	4.1	232.6%	18	184.88	-90.0%
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	1.12	-2.8%
TCO BASIS SWAP	TC	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	TL	8	51.82	-84.2%	22	-62.8%	75	131.25	-42.9%
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	2	6.14	-63.0%	0	-	20	15.56	31.4%
ULSD UP-DOWN BALMO SWP	1L	217	95.86	126.4%	371.75	-41.6%	270	303.37	-11.1%
UP DOWN GC ULSD VS NMX HO	LT	1,526	1,734.59	-12.0%	1,315	16.0%	1,441	2,614.64	-44.9%
WAHA BASIS	NW	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	0	0	-
WTI-BRENT CALENDAR SWAP	BK	2,253	679.68	231.4%	1,629.7	38.2%	1,966	2,149.53	-8.5%
WTI CALENDAR	CS	2,596	2,794.5	-7.1%	2,848.1	-8.8%	2,624	3,521.57	-25.5%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	14	2.4	489.7%
WTS (ARGUS) VS WTI SWAP	FF	320	94.36	239.3%	88.9	260.2%	202	296.63	-32.1%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	-	97.5	-100.0%	38	70.84	-46.0%

### Energy Options

BRENT CALENDAR SWAP	BA	82	168.82	-51.5%	0	-	20	37.08	-45.5%
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<b>Energy Options</b>									
BRENT CRUDE OIL 1 M CSO	9C	23	502.27	-95.5%	25	-9.1%	573	275	108.2%
BRENT OIL LAST DAY	BE	631	1,090.91	-42.2%	293.25	115.0%	1,050	1,536.34	-31.6%
BRENT OIL LAST DAY	BZO	583	1,638.18	-64.4%	1,039.95	-43.9%	1,447	2,727.71	-47.0%
BRENT OIL LAST DAY	OS	0	0	-	0	-	0	0	-
COAL API2 INDEX	F2C	6	0	-	10.25	-42.4%	6	0	-
COAL API2 INDEX	F2Q	0	0	-	13.75	-100.0%	7	0	-
CRUDE OIL	6Y	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	WA	4,877	3,206.82	52.1%	6,691.25	-27.1%	6,927	11,509.86	-39.8%
CRUDE OIL APO	AO	1,922	3,249.09	-40.9%	1,947.2	-1.3%	1,819	3,070.02	-40.7%
CRUDE OIL CALNDR STRIP	6F	0	2.27	-100.0%	0	-	0	0.4	-100.0%
CRUDE OIL PHY	CD	0	50	-100.0%	0	-	0	14.8	-100.0%
CRUDE OIL PHY	LC	912	378.18	141.1%	354.5	157.2%	490	649.31	-24.6%
CRUDE OIL PHY	LO	118,090	97,333.05	21.3%	97,730.15	20.8%	111,700	145,446.07	-23.2%
CRUDE OIL PHY	LO1	1,099	306.77	258.1%	704.7	55.9%	677	1,144.01	-40.9%
CRUDE OIL PHY	LO2	730	275.59	164.8%	531.6	37.3%	553	654.13	-15.4%
CRUDE OIL PHY	LO3	837	317.82	163.5%	916.45	-8.6%	549	727.82	-24.6%
CRUDE OIL PHY	LO4	1,499	473.73	216.4%	753.2	99.0%	786	1,120.17	-29.8%
CRUDE OIL PHY	LO5	0	0	-	0	-	195	333.95	-41.7%
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	169	149.14	13.4%	160.25	5.6%	131	150.87	-12.9%
ETHANOL SWAP	GVR	0	0	-	0	-	0	4.8	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	27	0	-	0	-	8	0	-
HEATING OIL PHY	LB	2	9.09	-75.0%	63.5	-96.4%	12	23.35	-47.1%
HEATING OIL PHY	OH	260	457.45	-43.1%	195.05	33.4%	261	781.8	-66.6%
HENRY HUB FINANCIAL LAST	E7	567	62	813.8%	334.35	69.4%	558	258.3	115.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	0	0.8	-100.0%
LLS CRUDE OIL	WTO	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	75.55	-100.0%	0	-	2	37.58	-93.6%
MCCLOSKEY RCH BAY COAL	MFO	0	6.82	-100.0%	0	-	0	3.4	-100.0%
NATURAL GAS 1 M CSO FIN	G4	2,455	3,127.27	-21.5%	1,160	111.6%	2,048	3,942.01	-48.0%
NATURAL GAS 2 M CSO FIN	G2	0	147.73	-100.0%	0	-	47	76	-38.5%
NATURAL GAS 3 M CSO FIN	G3	1,313	3,481.82	-62.3%	1,100	19.3%	940	1,992.84	-52.9%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	100	-100.0%	90	83.6	7.6%
NATURAL GAS 6 M CSO FIN	G6	23	0	-	0	-	550	1,059.2	-48.1%
NATURAL GAS OPT	JKO	136	0	-	52.5	159.7%	83	0	-

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<b>Energy Options</b>									
NATURAL GAS OPT	TFO	728	3,643.64	-80.0%	2,264.5	-67.8%	1,118	1,102.88	1.4%
NATURAL GAS OPTION ON CALENDAR STR	6J	914	36.36	2412.5%	50	1727.3%	293	134.4	117.8%
NATURAL GAS PHY	KD	141	139.68	0.9%	88.75	58.8%	113	234.62	-51.7%
NATURAL GAS PHY	LN	101,448	87,777.59	15.6%	76,300.55	33.0%	92,288	117,002.21	-21.1%
NATURAL GAS PHY	ON	3,663	4,600.41	-20.4%	2,807.5	30.5%	4,001	6,782.89	-41.0%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	0	0	-
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-	0	4.8	-100.0%
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	62	32.14	91.9%	47.75	29.2%	44	109.53	-59.5%
PETROCHEMICALS	4H	84	2.14	3846.9%	98.45	-14.4%	45	4.86	827.3%
PETROCHEMICALS	4J	14	0	-	0	-	6	0.24	2302.5%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0	-	9	-100.0%	1	1.01	44.0%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0.05	-100.0%
PETRO OUTRIGHT NA	1N5	0	9.09	-100.0%	0	-	0	1.6	-100.0%
PETRO OUTRIGHT NA	DAP	4	4.09	0.0%	3	36.4%	7	8.36	-13.2%
PJM WES HUB PEAK CAL MTH	6OA	0	6.82	-100.0%	0	-	0	6.16	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	RA	0	9.82	-100.0%	0	-	9	2.93	208.5%
RBOB PHY	OB	352	376.5	-6.4%	261.85	34.6%	348	460.9	-24.5%
RBOB PHY	RF	3	1.14	200.0%	7.25	-53.0%	4	8.14	-57.0%
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-	0	0	-
SHORT TERM	U11	0	0	-	0	-	0	0.8	-49.6%
SHORT TERM	U12	0	0	-	0	-	1	2.8	-71.2%
SHORT TERM	U13	0	0	-	0	-	2	4	-59.7%
SHORT TERM	U14	0	0	-	0	-	0	1.6	-100.0%
SHORT TERM	U15	0	0	-	0	-	0	4.8	-100.0%
SHORT TERM	U22	0	0	-	0	-	0	0	-
SHORT TERM	U23	0	4.55	-100.0%	0	-	0	0.8	-100.0%
SHORT TERM	U24	0	0	-	0	-	1	0.4	101.6%
SHORT TERM	U25	0	0	-	0	-	2	0	-
SHORT TERM	U26	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U01	0	0	-	0	-	1	4	-84.9%
SHORT TERM NATURAL GAS	U02	5	4.55	0.0%	0	-	2	1.6	26.0%
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	1	3.6	-77.6%

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<b>Energy Options</b>									
SHORT TERM NATURAL GAS	U04	9	0	-	0	-	2	10	-75.8%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	2	2.8	-42.4%
SHORT TERM NATURAL GAS	U06	0	0	-	10	-100.0%	4	0	-
SHORT TERM NATURAL GAS	U07	11	0	-	0	-	3	4	-34.5%
SHORT TERM NATURAL GAS	U08	0	0	-	0	-	0	2.8	-85.6%
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	2	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	0	0.8	-100.0%
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	1	0.8	-24.4%
SHORT TERM NATURAL GAS	U17	0	4.55	-100.0%	0	-	1	1.6	-24.4%
SHORT TERM NATURAL GAS	U18	0	0	-	0	-	0	0.8	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	0	2.2	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	0	2.4	-100.0%
SHORT TERM NATURAL GAS	U21	0	0	-	0	-	0	0.8	-100.0%
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	0	2	-100.0%
SHORT TERM NATURAL GAS	U28	5	0	-	0	-	1	4.8	-83.2%
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	7.2	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	-	0	-	1	8.2	-85.2%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	0	1.2	-100.0%
WTI-BRENT BULLET SWAP	BV	793	1,095.45	-27.6%	466.25	70.1%	1,301	3,353.92	-61.2%
WTI CRUDE OIL 1 M CSO FI	7A	4,496	3,240.23	38.8%	2,046.25	119.7%	3,807	4,846.08	-21.5%

### Ag Products Futures

COFFEE	KT	0	0	-	0	-	0	0	-
COTTON	TT	0	0	-	0	-	0	0.18	-100.0%
SUGAR 11	YO	0	0	-	0	-	0	0	-



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<b>TOTAL FUTURES GROUP</b>								
Ag Products Futures	0	0	-	0	-	0	0.18	-91.3%
Energy Futures	1,800,821	1,767,403.5	1.9%	1,759,320.2	2.4%	1,924,544	2,592,629.21	-25.8%
Metals Futures	519,840	483,173.36	7.6%	592,721.7	-12.3%	562,576	620,667.42	-9.4%
<b>TOTAL FUTURES</b>	<b>2,320,661</b>	<b>2,250,576.86</b>	<b>3.1%</b>	<b>2,352,041.9</b>	<b>-1.3%</b>	<b>2,487,119.8</b>	<b>3,213,296.82</b>	<b>-22.6%</b>
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	248,976	217,499.09	14.5%	198,638	25.3%	234,942	311,803.6	-24.7%
Metals Options	55,023	47,413.09	16.1%	56,031.4	-1.8%	58,099	81,797.79	-29.0%
<b>TOTAL OPTIONS</b>	<b>303,999</b>	<b>264,912.18</b>	<b>14.8%</b>	<b>254,669.4</b>	<b>19.4%</b>	<b>293,040.83</b>	<b>393,601.39</b>	<b>-25.5%</b>
<b>TOTAL COMBINED</b>								
Metals	574,863	530,586.45	8.3%	648,753.1	-11.4%	620,675	702,465.22	-11.6%
Energy	2,049,797	1,984,902.59	3.3%	1,957,958.2	4.7%	2,159,486	2,904,432.81	-25.6%
Ag Products	0	0	-	0	-	0	0.18	-91.3%
<b>GRAND TOTAL</b>	<b>2,624,660</b>	<b>2,515,489.05</b>	<b>4.3%</b>	<b>2,606,711.3</b>	<b>0.7%</b>	<b>2,780,160.63</b>	<b>3,606,898.21</b>	<b>-22.9%</b>