



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2021	VOLUME JUL 2020	% CHG	VOIUME JUN 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Ag Products Futures</b>									
COCOA TAS	CJ	0	0	0.0%	0	-	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	0.0%	2	0	0.0%
COTTON	TT	0	0	0.0%	0	0.0%	0	23	-100.0%
SUGAR 11	YO	0	0	0.0%	0	0.0%	0	0	0.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	20,471,032	16,203,837	26.3%	20,264,102	1.0%	145,698,826	191,172,274	-23.8%
CRUDE OIL	WS	0	500	-100.0%	0	0.0%	3,232	3,422	-5.6%
MINY WTI CRUDE OIL	QM	482,048	250,921	92.1%	423,914	13.7%	2,898,716	5,517,623	-47.5%
BRENT OIL LAST DAY	BZ	1,945,465	1,359,124	43.1%	1,705,490	14.1%	14,345,624	18,132,649	-20.9%
HEATING OIL PHY	HO	2,668,794	2,454,643	8.7%	2,724,250	-2.0%	21,079,810	27,418,076	-23.1%
HTG OIL	BH	0	12	-100.0%	52	-100.0%	112	108	3.7%
MINY HTG OIL	QH	6	5	20.0%	5	20.0%	44	31	41.9%
RBOB PHY	RB	3,567,375	3,337,997	6.9%	3,883,493	-8.1%	27,590,249	29,057,957	-5.1%
MINY RBOB GAS	QU	8	6	33.3%	11	-27.3%	63	50	26.0%
NATURAL GAS	HP	185,033	116,959	58.2%	161,780	14.4%	904,212	1,106,260	-18.3%
LTD NAT GAS	HH	341,497	172,690	97.8%	382,610	-10.7%	2,097,985	1,676,719	25.1%
MINY NATURAL GAS	QG	118,892	120,762	-1.5%	100,875	17.9%	761,503	713,479	6.7%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	7,187,675	8,484,674	-15.3%	9,016,077	-20.3%	54,665,557	74,593,639	-26.7%
RBOB GAS	RT	0	0	0.0%	0	0.0%	60	72	-16.7%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0.0%	0	20	-100.0%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	-	0	0	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	-	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	5,622	5,380	4.5%	16,260	-65.4%	63,182	44,260	42.8%
ARGUS PROPAN FAR EST INDE	7E	4,887	4,236	15.4%	5,533	-11.7%	39,202	35,895	9.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,179	1,601	-26.4%	1,578	-25.3%	12,533	17,198	-27.1%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	139	0	0.0%	0	0.0%	889	1,330	-33.2%
BRENT CALENDAR SWAP	CY	8,821	2,338	277.3%	8,770	0.6%	57,063	60,932	-6.3%
BRENT FINANCIAL FUTURES	BB	0	2,200	-100.0%	0	0.0%	4,000	2,200	81.8%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	0	185	-100.0%

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<b>Energy Futures</b>									
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	68	260	-73.8%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAR VINTAGE	GEO	319	0	-	180	77.2%	730	0	-
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	60,810	67,705	-10.2%	66,900	-9.1%	520,424	559,758	-7.0%
CHICAGO ULSD PL VS HO SPR	5C	465	275	69.1%	220	111.4%	3,442	6,802	-49.4%
CHICAGO UNL GAS PL VS RBO	3C	0	170	-100.0%	0	0.0%	425	1,065	-60.1%
CIG BASIS	CI	0	0	0.0%	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	-	0	0	0.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0.0%	0	1,346	-100.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0.0%	0	0	0.0%
COAL SWAP	ACM	0	0	0.0%	0	-	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	1,540	195	689.7%	215	616.3%	2,402	2,279	5.4%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	380	368	3.3%	541	-29.8%	1,623	2,631	-38.3%
CONWAY PROPANE 5 DECIMALS SWAP	8K	12,161	13,397	-9.2%	18,071	-32.7%	92,981	123,885	-24.9%
CRUDE OIL	LPS	0	0	0.0%	0	0.0%	0	4,295	-100.0%
CRUDE OIL LAST DAY	26	17	120	-85.8%	152	-88.8%	2,212	343	544.9%
CRUDE OIL OUTRIGHTS	42	84	316	-73.4%	77	9.1%	1,760	11,990	-85.3%
CRUDE OIL OUTRIGHTS	CC5	855	288	196.9%	42	1,935.7%	9,081	3,461	162.4%
CRUDE OIL OUTRIGHTS	CSW	1,285	0	0.0%	3,225	-60.2%	13,089	90	14,443.3%
CRUDE OIL OUTRIGHTS	DAB	0	0	0.0%	0	0.0%	0	280	-100.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	330	-100.0%	0	0.0%	2,404	330	628.5%
CRUDE OIL OUTRIGHTS	HTT	39,979	68,971	-42.0%	65,214	-38.7%	402,587	619,837	-35.0%
CRUDE OIL OUTRIGHTS	LSW	310	2,040	-84.8%	1,218	-74.5%	7,213	6,345	13.7%
CRUDE OIL OUTRIGHTS	WCW	135	1,755	-92.3%	1,660	-91.9%	26,722	18,000	48.5%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	11	203	-94.6%	1,644	-99.3%	20,132	33,867	-40.6%
CRUDE OIL PHY	MCL	645,356	0	-	0	-	645,356	0	-
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	ANT	330	0	0.0%	630	-47.6%	1,777	1,330	33.6%

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CRUDE OIL SPRDS	HIL	0	12,420	-100.0%	0	0.0%	4,800	14,646	-67.2%
CRUDE OIL SPRDS	WTT	14,895	21,445	-30.5%	19,761	-24.6%	181,008	183,927	-1.6%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	0.0%	0	0.0%	0	640	-100.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0.0%	1,215	244	398.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	0.0%	30	0	-
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	-	0	0	0.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	0	300	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0.0%	0	10,650	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	32,206	30,676	5.0%	43,053	-25.2%	368,633	262,092	40.7%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	693	1,562	-55.6%	99	600.0%	3,770	6,782	-44.4%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	-	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL	MTH	0	0	0.0%	0	0.0%	10	30	-66.7%
ETHANOL	Z1B	0	0	0.0%	0	-	0	0	0.0%
ETHANOL SWAP	MT2	180	50	260.0%	210	-14.3%	983	938	4.8%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,115	2,704	-21.8%	2,884	-26.7%	23,756	30,587	-22.3%

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<b>Energy Futures</b>									
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	-	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	6	0	0.0%	0	0.0%	6	65	-90.8%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0.0%	0	22	-100.0%
EURO GASOIL 10PPM VS ICE	ET	10	0	0.0%	140	-92.9%	953	75	1,170.7%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	12	0	0.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	13	-100.0%	13	37	-64.9%
EUROPE 3.5% FUEL OIL RDAM	UV	7	194	-96.4%	13	-46.2%	236	2,319	-89.8%
EUROPEAN GASOIL (ICE)	7F	74	0	0.0%	24	208.3%	4,460	307	1,352.8%
EUROPEAN NAPHTHA BALMO	KZ	4	10	-60.0%	0	0.0%	20	60	-66.7%
EUROPEAN NAPHTHA CRACK SPR	EN	2,055	842	144.1%	699	194.0%	5,940	10,849	-45.2%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	710	70	914.3%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	10	-100.0%	10	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	855	337	153.7%	706	21.1%	3,828	3,679	4.1%
EURO PROPANE CIF ARA SWA	PS	1,077	751	43.4%	1,118	-3.7%	9,547	12,070	-20.9%
FREIGHT MARKETS	ACB	0	0	0.0%	0	0.0%	0	735	-100.0%
FREIGHT MARKETS	BF1	0	0	0.0%	0	0.0%	0	15	-100.0%
FREIGHT MARKETS	BF2	0	189	-100.0%	0	0.0%	119	883	-86.5%
FREIGHT MARKETS	BF3	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	BL2	15	0	-	40	-62.5%	55	0	-
FREIGHT MARKETS	FLJ	3	0	-	15	-80.0%	47	0	-
FREIGHT MARKETS	FLP	6	226	-97.3%	77	-92.2%	569	1,905	-70.1%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	70	40	75.0%
FREIGHT MARKETS	FRS	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	T2D	0	110	-100.0%	120	-100.0%	275	1,763	-84.4%
FREIGHT MARKETS	T7C	0	40	-100.0%	0	0.0%	0	40	-100.0%
FREIGHT MARKETS	T8C	0	0	-	0	0.0%	10	0	-
FREIGHT MARKETS	TD3	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TD8	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	USC	0	0	0.0%	0	0.0%	0	90	-100.0%
FREIGHT MARKETS	USE	0	0	-	0	0.0%	90	0	-
FUEL OIL CRACK VS ICE	FO	300	17	1,664.7%	0	0.0%	1,588	1,982	-19.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	72	0	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	-	0	0	0.0%



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FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	51	-100.0%
GAS EURO-BOB OXY NWE BARGES	7H	344	246	39.8%	1,412	-75.6%	4,127	12,289	-66.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	3,983	3,585	11.1%	4,636	-14.1%	31,089	48,875	-36.4%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	0.0%	60	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	12	0	0.0%	0	0.0%	42	0	0.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	5	-100.0%	25	-100.0%	75	85	-11.8%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	GX	3	5	-40.0%	152	-98.0%	806	224	259.8%
GASOIL CRACK SPREAD CALEN	GZ	1,620	75	2,060.0%	1,704	-4.9%	7,686	12,347	-37.8%
GASOIL MINI CALENDAR SWAP	QA	161	629	-74.4%	263	-38.8%	2,524	4,533	-44.3%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	0	0.0%	0	0.0%	48	9,112	-99.5%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	3,540	2,725	29.9%	2,875	23.1%	31,420	28,896	8.7%
GRP THREE UNL GS (PLT) VS	A8	2,725	1,650	65.2%	1,800	51.4%	18,390	21,478	-14.4%
GULF COAST 3% FUEL OIL BA	VZ	107	0	0.0%	0	0.0%	107	2,240	-95.2%
GULF COAST JET FUEL CLNDR	GE	0	600	-100.0%	0	0.0%	0	1,578	-100.0%
GULF COAST JET VS NYM 2 H	ME	18,950	12,837	47.6%	21,254	-10.8%	149,459	133,326	12.1%
GULF COAST NO.6 FUEL OIL	MF	808	6,410	-87.4%	2,207	-63.4%	15,431	97,585	-84.2%
GULF COAST NO.6 FUEL OIL	MG	2,260	0	0.0%	1,193	89.4%	4,803	482	896.5%
GULF COAST ULSD CALENDAR	LY	713	1,580	-54.9%	85	738.8%	3,653	7,351	-50.3%
GULF COAST ULSD CRACK SPR	GY	0	225	-100.0%	0	0.0%	0	1,290	-100.0%
HEATING OIL BALMO CLNDR S	1G	153	0	0.0%	96	59.4%	1,993	1,307	52.5%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	2,450	0	0.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0.0%	0	6,680	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	0.0%	0	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	0	0.0%	0	0.0%	0	8,392	-100.0%
HENRY HUB SWAP	NN	24,509	34,907	-29.8%	77,209	-68.3%	233,616	550,984	-57.6%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	317	870	-63.6%	244	29.9%	4,475	31,220	-85.7%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	0.0%	46	0	-
INDIANA MISO	FAD	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0.0%	0	0	0.0%

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INDIANA MISO	PDD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	10	335	-97.0%	64	-84.4%	1,114	1,574	-29.2%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	0	150	-100.0%
JAPAN C&F NAPHTHA SWAP	JA	50	237	-78.9%	61	-18.0%	455	1,287	-64.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	5	-100.0%	0	0.0%	0	33	-100.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	-	0	0	0.0%
JET CIF NWE VS ICE	JC	104	0	0.0%	72	44.4%	903	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	-	0	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	1,515	1,045	45.0%	1,460	3.8%	7,887	13,073	-39.7%
JKM LNG Futures	JKM	1,361	1,794	-24.1%	912	49.2%	4,366	6,091	-28.3%
LA CARB DIESEL (OPIS) SWA	KL	300	30	900.0%	285	5.3%	1,635	2,442	-33.0%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	625	-64.0%
LA JET (OPIS) SWAP	JS	625	575	8.7%	495	26.3%	2,465	4,840	-49.1%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	400	0	0.0%	480	-16.7%	1,850	6,815	-72.9%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	0.0%	0	15	-100.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0.0%	1,300	2,480	-47.6%
MARS (ARGUS) VS WTI TRD M	YV	13,865	12,330	12.4%	22,570	-38.6%	133,483	111,846	19.3%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0.0%	0	100	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	8,769	13,569	-35.4%	9,618	-8.8%	87,049	151,547	-42.6%
MCCLOSKEY RCH BAY COAL	MFF	665	725	-8.3%	1,234	-46.1%	6,247	8,086	-22.7%
MGF FUT	MGF	0	0	0.0%	0	-	0	0	0.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0.0%	0	240	-100.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	13	50	-74.0%	10	30.0%	98	395	-75.2%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	100	0	0.0%	60	66.7%	391	992	-60.6%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	400	359	11.4%	508	-21.3%	4,224	5,182	-18.5%
MJC FUT	MJC	30	0	0.0%	0	0.0%	50	0	0.0%
MNC FUT	MNC	1,290	538	139.8%	1,325	-2.6%	4,704	9,538	-50.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	28,835	28,187	2.3%	26,886	7.2%	175,068	162,440	7.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	640	320	100.0%	312	105.1%	2,917	998	192.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	178,749	140,822	26.9%	159,704	11.9%	1,217,907	1,254,052	-2.9%

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<b>Energy Futures</b>									
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,691	1,123	139.6%	1,154	133.2%	21,320	16,610	28.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	19,483	23,418	-16.8%	15,998	21.8%	101,636	249,569	-59.3%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	265	864	-69.3%	600	-55.8%	3,521	6,688	-47.4%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	54,435	52,483	3.7%	53,940	0.9%	336,149	488,353	-31.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	247	1,335	-81.5%	1,246	-80.2%	8,501	9,608	-11.5%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	67,752	43,213	56.8%	58,489	15.8%	372,377	418,605	-11.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	0	13,992	-100.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	768	-100.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0.0%	0	0	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	0	525	-100.0%	60	-100.0%	795	5,726	-86.1%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL TEX/OK	PD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	0.0%	0	0.0%	0	225	-100.0%
NORTHEN NATURAL GAS DEMAR	PE	0	0	0.0%	0	-	0	0	0.0%
NORTHEN NATURAL GAS VENTU	PF	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	-	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0.0%	0	2,568	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	263	1,398	-81.2%	835	-68.5%	5,798	25,523	-77.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	1,570	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	175	65	169.2%	175	0.0%	1,274	6,739	-81.1%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	-	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	545	690	-21.0%	1,668	-67.3%	11,849	7,116	66.5%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	-	0	0	0.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>									
NYISO ZONE A 5MW D AH PK	K3	0	0.0%	0	-	0	0	0.0%	
NYISO ZONE G 5MW D AH O P	D2	0	0.0%	0	0.0%	0	0	0.0%	
NYISO ZONE G 5MW D AH PK	T3	0	0.0%	0	0.0%	0	0	0.0%	
NYISO ZONE J 5MW D AH O P	D4	0	0.0%	0	0.0%	0	0	0.0%	
NYISO ZONE J 5MW D AH PK	D3	0	0.0%	0	0.0%	0	0	0.0%	
NYMEX ALUMINUM FUTURES	AN	0	0.0%	0	0.0%	0	0	0.0%	
NYMEX ULSD VS NYMEX HO	UY	0	0.0%	0	0.0%	0	700	-100.0%	
NY ULSD (ARGUS) VS HEATING OIL	7Y	0	0.0%	0	0.0%	50	3,806	-98.7%	
ONEOK OKLAHOMA NG BASIS	8X	0	0.0%	0	-	0	0	0.0%	
ONTARIO POWER SWAPS	OPD	0	0.0%	0	-	0	0	0.0%	
ONTARIO POWER SWAPS	OPM	0	0.0%	0	-	0	0	0.0%	
PANHANDLE BASIS SWAP FUTU	PH	0	0.0%	0	0.0%	0	0	0.0%	
PERMIAN BASIS SWAP	PM	0	0.0%	0	0.0%	0	0	0.0%	
PETROCHEMICALS	22	171	1,040.0%	103	66.0%	1,034	867	19.3%	
PETROCHEMICALS	32	24	-57.1%	25	-4.0%	399	546	-26.9%	
PETROCHEMICALS	3NA	31	5	520.0%	12	158.3%	120	11	990.9%
PETROCHEMICALS	51	0	0.0%	0	0.0%	0	11	-100.0%	
PETROCHEMICALS	81	60	0	0	0.0%	147	60	145.0%	
PETROCHEMICALS	8I	262	1,568	-83.3%	1,803	-85.5%	8,186	6,499	26.0%
PETROCHEMICALS	91	203	425	-52.2%	167	21.6%	2,218	2,479	-10.5%
PETROCHEMICALS	MAA	0	370	-100.0%	45	-100.0%	175	1,005	-82.6%
PETROCHEMICALS	MAE	1,100	260	323.1%	798	37.8%	4,661	4,787	-2.6%
PETROCHEMICALS	MAS	615	130	373.1%	335	83.6%	1,793	2,196	-18.4%
PETROCHEMICALS	MBE	120	640	-81.3%	90	33.3%	420	1,760	-76.1%
PETROCHEMICALS	MNB	1,115	150	643.3%	195	471.8%	1,892	1,578	19.9%
PETROCHEMICALS	MPS	380	136	179.4%	325	16.9%	2,523	2,441	3.4%
PETROCHEMICALS	PMF	0	0	-	4	-100.0%	4	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	CRB	18,240	17,756	2.7%	15,433	18.2%	146,708	126,736	15.8%
PETRO CRCKS & SPRDS NA	EXR	440	246	78.9%	405	8.6%	4,682	8,401	-44.3%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	200	0	0.0%	0	0.0%	300	3,471	-91.4%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0.0%	0	405	-100.0%



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<b>Energy Futures</b>									
PETRO CRCKS & SPRDS NA	GCI	0	110	-100.0%	0	0.0%	370	4,972	-92.6%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	619	-100.0%	50	-100.0%	630	14,232	-95.6%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	102	-100.0%	400	-100.0%	750	8,060	-90.7%
PETRO CRCKS & SPRDS NA	MFR	114	0	-	12	850.0%	145	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	1,780	1,330	33.8%	1,477	20.5%	11,192	28,586	-60.8%
PETRO CRCKS & SPRDS NA	RVG	1,029	3,715	-72.3%	2,130	-51.7%	11,170	49,406	-77.4%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO CRK&SPRD EURO	1NB	20	0	0.0%	120	-83.3%	373	3,085	-87.9%
PETRO CRK&SPRD EURO	43	7	0	0.0%	0	0.0%	16	35	-54.3%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	324	-100.0%	641	379	69.1%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	5	31	-83.9%
PETRO CRK&SPRD EURO	EPN	623	330	88.8%	652	-4.4%	3,621	3,032	19.4%
PETRO CRK&SPRD EURO	EVC	33	0	0.0%	66	-50.0%	384	203	89.2%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0.0%	0	44	-100.0%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	60	0	0.0%	0	0.0%	60	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	30	-100.0%	0	0.0%	0	130	-100.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	NOB	122	0	0.0%	18	577.8%	204	373	-45.3%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	1NM	50	200	-75.0%	42	19.0%	537	964	-44.3%
PETROLEUM PRODUCTS	BEB	0	0	-	0	0.0%	3	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	0.0%	1	0	-
PETROLEUM PRODUCTS	CMS	0	0	-	110	-100.0%	320	0	-
PETROLEUM PRODUCTS	EWG	0	50	-100.0%	150	-100.0%	1,768	4,545	-61.1%
PETROLEUM PRODUCTS	H5F	60	0	0.0%	0	0.0%	60	3,043	-98.0%
PETROLEUM PRODUCTS	JCC	0	1,100	-100.0%	458	-100.0%	1,038	2,185	-52.5%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	0	100	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	0.0%	14	0	-

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<b>Energy Futures</b>									
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	0.0%	0	2	-100.0%
PETROLEUM PRODUCTS	R5F	42	20	110.0%	91	-53.8%	299	89	236.0%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	0	41	-100.0%
PETROLEUM PRODUCTS	UCS	0	0	-	0	0.0%	0	0	-
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	28	-100.0%	0	0.0%	311	1,073	-71.0%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0.0%	0	75	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	675	1,208	-44.1%	452	49.3%	1,732	5,485	-68.4%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	0B	20	0	0.0%	35	-42.9%	55	100	-45.0%
PETRO OUTFRIGHT EURO	0C	40	0	0.0%	35	14.3%	75	0	0.0%
PETRO OUTFRIGHT EURO	0D	76	528	-85.6%	127	-40.2%	651	2,146	-69.7%
PETRO OUTFRIGHT EURO	0E	20	0	0.0%	0	-	20	0	0.0%
PETRO OUTFRIGHT EURO	0F	0	0	0.0%	0	0.0%	9	563	-98.4%
PETRO OUTFRIGHT EURO	1T	0	0	0.0%	10	-100.0%	10	0	0.0%
PETRO OUTFRIGHT EURO	5L	0	0	0.0%	0	0.0%	0	64	-100.0%
PETRO OUTFRIGHT EURO	63	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	71	50	0	0.0%	0	0.0%	50	110	-54.5%
PETRO OUTFRIGHT EURO	7R	0	0	0.0%	0	0.0%	5	76	-93.4%
PETRO OUTFRIGHT EURO	88	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	0	0.0%	0	65	-100.0%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	7	-100.0%
PETRO OUTFRIGHT EURO	CPB	152	60	153.3%	275	-44.7%	3,079	1,069	188.0%
PETRO OUTFRIGHT EURO	EFF	0	0	0.0%	0	0.0%	0	40	-100.0%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	0.0%	12	0	0.0%
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	551	0	0.0%	40	1,277.5%	908	195	365.6%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	0.0%	5	0	0.0%
PETRO OUTFRIGHT EURO	GNO	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	0.0%	0	270	-100.0%
PETRO OUTFRIGHT EURO	JFB	0	0	0.0%	0	0.0%	10	9	11.1%
PETRO OUTFRIGHT EURO	M1B	1,132	732	54.6%	1,869	-39.4%	9,157	4,116	122.5%
PETRO OUTFRIGHT EURO	M35	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	MBB	0	30	-100.0%	0	0.0%	210	30	600.0%



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<b>Energy Futures</b>									
PETRO OUTFRIGHT EURO	MBN	325	450	-27.8%	450	-27.8%	3,011	2,286	31.7%
PETRO OUTFRIGHT EURO	MEF	194	220	-11.8%	240	-19.2%	1,889	949	99.1%
PETRO OUTFRIGHT EURO	R53	0	0	0.0%	0	0.0%	60	157	-61.8%
PETRO OUTFRIGHT EURO	R5B	10	0	0.0%	0	0.0%	56	10	460.0%
PETRO OUTFRIGHT EURO	R5M	1,641	380	331.8%	1,469	11.7%	6,214	3,027	105.3%
PETRO OUTFRIGHT EURO	R5O	544	1,414	-61.5%	594	-8.4%	5,131	5,805	-11.6%
PETRO OUTFRIGHT EURO	RBM	27	10	170.0%	0	0.0%	27	49	-44.9%
PETRO OUTFRIGHT EURO	S5B	0	1	-100.0%	0	0.0%	5	2	150.0%
PETRO OUTFRIGHT EURO	S5F	102	35	191.4%	101	1.0%	779	740	5.3%
PETRO OUTFRIGHT EURO	S5M	2,024	1,205	68.0%	1,960	3.3%	11,799	10,344	14.1%
PETRO OUTFRIGHT EURO	S5O	795	1,239	-35.8%	1,346	-40.9%	7,205	4,501	60.1%
PETRO OUTFRIGHT EURO	SMU	750	0	0.0%	150	400.0%	1,050	0	0.0%
PETRO OUTFRIGHT EURO	T0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	T2B	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	TMB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETRO OUTFRIGHT EURO	UNB	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	A8B	150	0	-	0	0.0%	500	0	-
PETRO OUTFRIGHT NA	AB6	60	125	-52.0%	160	-62.5%	1,735	535	224.3%
PETRO OUTFRIGHT NA	BCR	1,375	425	223.5%	470	192.6%	12,580	1,050	1,098.1%
PETRO OUTFRIGHT NA	DBB	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO OUTFRIGHT NA	FCB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	H5B	0	0	0.0%	0	0.0%	0	1,834	-100.0%
PETRO OUTFRIGHT NA	JE	125	0	0.0%	0	0.0%	275	825	-66.7%
PETRO OUTFRIGHT NA	JET	100	650	-84.6%	200	-50.0%	1,325	5,250	-74.8%
PETRO OUTFRIGHT NA	JTB	325	0	0.0%	0	0.0%	325	2,015	-83.9%
PETRO OUTFRIGHT NA	MBL	0	0	0.0%	0	0.0%	389	137	183.9%
PETRO OUTFRIGHT NA	MEN	183	68	169.1%	23	695.7%	410	558	-26.5%
PETRO OUTFRIGHT NA	MEO	198	561	-64.7%	1,006	-80.3%	3,167	9,241	-65.7%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	38	-100.0%
PETRO OUTFRIGHT NA	MMF	0	0	0.0%	65	-100.0%	65	70	-7.1%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	-	0	0	0.0%



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<b>Energy Futures</b>									
PJM BGE DA PEAK	E3	0	0	0.0%	0	-	0	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	-	0	0	0.0%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	-	0	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	-	0	0	0.0%
PJM NILL DA PEAK	N3	0	0	0.0%	0	-	0	0	0.0%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	-	0	0	0.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0.0%	0	15,814	-100.0%
PLASTICS	PGP	299	2,414	-87.6%	919	-67.5%	9,734	8,318	17.0%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	5	-100.0%	5	158	-96.8%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	-	0	0	0.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	-	0	0	0.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	-	0	0	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	465	913	-49.1%	826	-43.7%	9,130	12,029	-24.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	11,767	17,443	-32.5%	12,272	-4.1%	113,357	167,279	-32.2%
RBOB CALENDAR SWAP	RL	9,255	5,026	84.1%	7,692	20.3%	47,307	39,676	19.2%
RBOB CRACK SPREAD	RM	690	280	146.4%	3,017	-77.1%	16,090	9,845	63.4%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	-	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	411	1,189	-65.4%	1,183	-65.3%	3,579	4,740	-24.5%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	400	-100.0%	100	-100.0%	505	4,190	-87.9%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0.0%	0	41	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	39	-100.0%

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<b>Energy Futures</b>									
SINGAPORE 380CST FUEL OIL	SE	201	22	813.6%	214	-6.1%	1,461	1,950	-25.1%
SINGAPORE FUEL 180CST CAL	UA	0	3	-100.0%	0	0.0%	0	196	-100.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	0	80	-100.0%
SINGAPORE GASOIL	MAF	270	139	94.2%	419	-35.6%	1,702	1,553	9.6%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0.0%	24	62	-61.3%
SINGAPORE GASOIL	MTS	382	165	131.5%	245	55.9%	2,206	2,969	-25.7%
SINGAPORE GASOIL	SBM	0	112	-100.0%	0	0.0%	85	249	-65.9%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MSG	1,602	879	82.3%	218	634.9%	5,613	6,247	-10.1%
SINGAPORE GASOIL SWAP	SG	693	166	317.5%	1,253	-44.7%	10,033	7,098	41.3%
SINGAPORE GASOIL VS ICE	GA	2,247	0	0.0%	1,050	114.0%	6,848	282	2,328.4%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	0	345	-100.0%
SINGAPORE JET KERO GASOIL	RK	600	0	0.0%	0	0.0%	900	0	0.0%
SINGAPORE JET KEROSENE SW	KS	260	155	67.7%	0	0.0%	1,085	5,368	-79.8%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	10	0	0.0%	0	0.0%	310	25	1,140.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	700	770	-9.1%	300	133.3%	2,984	23,880	-87.5%
SING FUEL	MSD	0	0	0.0%	0	-	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	105	0	0.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	135	140	-3.6%
TCO BASIS SWAP	TC	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	757	955	-20.7%	180	320.6%	10,057	17,361	-42.1%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	-	0	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	155	-100.0%	50	-100.0%	2,535	2,100	20.7%
ULSD UP-DOWN BALMO SWP	1L	2,325	2,365	-1.7%	4,775	-51.3%	35,779	40,286	-11.2%
UP DOWN GC ULSD VS NMX HO	LT	40,246	33,173	21.3%	33,573	19.9%	218,982	360,003	-39.2%
WAHA BASIS	NW	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	38,079	18,213	109.1%	49,558	-23.2%	281,842	286,904	-1.8%
WTI CALENDAR	CS	47,932	42,628	12.4%	57,114	-16.1%	373,309	482,824	-22.7%

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<b>Energy Futures</b>									
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0.0%	1,755	300	485.0%
WTS (ARGUS) VS WTI SWAP	FF	5,105	11,610	-56.0%	7,044	-27.5%	30,095	48,689	-38.2%
WTS (ARGUS) VS WTI TRD MT	FH	0	774	-100.0%	0	0.0%	4,740	9,629	-50.8%
<b>Energy Options</b>									
BRENT CALENDAR SWAP	BA	368	105	250.5%	1,800	-79.6%	2,872	4,740	-39.4%
BRENT CRUDE OIL 1 M CSO	9C	250	0	0.0%	500	-50.0%	71,250	34,375	107.3%
BRENT OIL LAST DAY	BE	5,716	13,350	-57.2%	13,871	-58.8%	135,956	205,392	-33.8%
BRENT OIL LAST DAY	BZO	11,205	29,421	-61.9%	12,834	-12.7%	190,638	370,385	-48.5%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	0	0	0.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	CQA	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	F2C	75	0	-	130	-42.3%	770	0	-
COAL API2 INDEX	F2Q	100	0	-	0	0.0%	985	0	-
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	WA	153,650	107,650	42.7%	107,300	43.2%	1,012,655	1,546,382	-34.5%
CRUDE OIL APO	AO	19,803	28,751	-31.1%	42,277	-53.2%	245,418	412,504	-40.5%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	50	-100.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0.0%	0	1,850	-100.0%
CRUDE OIL PHY	LC	10,806	9,504	13.7%	20,061	-46.1%	71,536	90,668	-21.1%
CRUDE OIL PHY	LO	2,638,813	1,500,826	75.8%	2,597,987	1.6%	16,489,622	19,681,585	-16.2%
CRUDE OIL PHY	LO1	16,947	4,868	248.1%	24,169	-29.9%	100,845	147,869	-31.8%
CRUDE OIL PHY	LO2	20,509	3,710	452.8%	16,057	27.7%	89,132	85,476	4.3%
CRUDE OIL PHY	LO3	14,839	2,570	477.4%	18,424	-19.5%	82,873	93,547	-11.4%
CRUDE OIL PHY	LO4	31,295	6,905	353.2%	32,980	-5.1%	128,815	146,926	-12.3%
CRUDE OIL PHY	LO5	17,607	6,169	185.4%	0	0.0%	41,730	47,913	-12.9%
ELEC FINSETTLED	PJN	0	0	-	0	0.0%	0	0	-
ETHANOL SWAP	CVR	2,415	9,236	-73.9%	3,722	-35.1%	18,718	28,095	-33.4%
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	0	600	-100.0%
FREIGHT MARKETS	TDT	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	600	-100.0%	930	0	-
HEATING OIL PHY	LB	0	175	-100.0%	50	-100.0%	1,533	3,094	-50.5%
HEATING OIL PHY	OH	6,732	6,395	5.3%	5,726	17.6%	39,134	104,120	-62.4%

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<b>Energy Options</b>									
HENRY HUB FINANCIAL LAST	E7	5,047	14,213	-64.5%	12,464	-59.5%	74,208	46,501	59.6%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	0	100	-100.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WTO	0	0	-	0	0.0%	0	0	-
MCCLOSKEY ARA ARG5 COAL	MTO	240	1,125	-78.7%	0	0.0%	540	5,823	-90.7%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0.0%	0	425	-100.0%
NATURAL GAS 1 M CSO FIN	G4	45,950	78,150	-41.2%	54,000	-14.9%	299,949	570,901	-47.5%
NATURAL GAS 2 M CSO FIN	G2	0	1,600	-100.0%	0	0.0%	5,800	11,100	-47.7%
NATURAL GAS 3 M CSO FIN	G3	31,925	87,300	-63.4%	28,875	10.6%	148,431	336,405	-55.9%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	11,150	10,450	6.7%
NATURAL GAS 6 M CSO FIN	G6	17,600	0	0.0%	500	3,420.0%	85,800	132,400	-35.2%
NATURAL GAS OPT	JKO	3,400	0	-	3,000	13.3%	13,650	0	-
NATURAL GAS OPT	TFO	4,440	22,720	-80.5%	16,020	-72.3%	143,120	160,580	-10.9%
NATURAL GAS OPTION ON CALENDAR STRP	6J	11,220	1,500	648.0%	20,100	-44.2%	47,520	18,300	159.7%
NATURAL GAS PHY	KD	1,475	2,935	-49.7%	3,100	-52.4%	15,525	32,263	-51.9%
NATURAL GAS PHY	LN	2,168,707	1,843,819	17.6%	2,231,866	-2.8%	13,612,424	16,469,095	-17.3%
NATURAL GAS PHY	ON	77,689	91,598	-15.2%	80,595	-3.6%	573,818	939,459	-38.9%
NATURAL GAS SUMMER STRIP	4D	0	400	-100.0%	0	0.0%	0	400	-100.0%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0.0%	0	600	-100.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	598	978	-38.9%	1,357	-55.9%	6,102	14,669	-58.4%
PETROCHEMICALS	4H	428	0	0.0%	1,855	-76.9%	6,021	608	890.3%
PETROCHEMICALS	4J	0	600	-100.0%	315	-100.0%	715	630	13.5%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	180	126	42.9%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT NA	1N5	0	0	0.0%	0	0.0%	0	200	-100.0%
PETRO OUTRIGHT NA	DAP	180	0	0.0%	90	100.0%	1,080	1,045	3.3%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	770	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	-	0	0	0.0%
RBOB CALENDAR SWAP	RA	35	650	-94.6%	0	0.0%	1,155	1,016	13.7%
RBOB CRACK	RX	0	0	0.0%	0	-	0	0	0.0%
RBOB PHY	OB	8,400	4,715	78.2%	7,752	8.4%	51,535	62,327	-17.3%
RBOB PHY	RF	16	0	0.0%	75	-78.7%	450	1,018	-55.8%

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<b>Energy Options</b>									
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0.0%	50	100	-50.0%
SHORT TERM	U12	0	0	0.0%	0	0.0%	100	350	-71.4%
SHORT TERM	U13	0	50	-100.0%	0	0.0%	200	550	-63.6%
SHORT TERM	U14	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM	U15	300	0	0.0%	0	0.0%	300	600	-50.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U23	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U24	0	0	0.0%	0	0.0%	100	50	100.0%
SHORT TERM	U25	0	0	-	0	0.0%	300	0	-
SHORT TERM	U26	0	0	0.0%	0	0.0%	75	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	75	500	-85.0%
SHORT TERM NATURAL GAS	U02	100	200	-50.0%	100	0.0%	350	400	-12.5%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	100	450	-77.8%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	200	-100.0%	300	1,250	-76.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	200	350	-42.9%
SHORT TERM NATURAL GAS	U06	250	50	400.0%	0	0.0%	800	50	1,500.0%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	250	-100.0%	325	500	-35.0%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	50	350	-85.7%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	200	0	0.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	75	100	-25.0%
SHORT TERM NATURAL GAS	U17	0	125	-100.0%	0	0.0%	150	325	-53.8%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	0	275	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U21	200	0	0.0%	0	0.0%	200	100	100.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	0	250	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	100	-100.0%	100	600	-83.3%
SHORT TERM NATURAL GAS	U29	50	0	0.0%	0	0.0%	50	900	-94.4%
SHORT TERM NATURAL GAS	U30	100	0	0.0%	0	0.0%	250	1,025	-75.6%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	0	150	-100.0%
WTI-BRENT BULLET SWAP	BV	31,250	14,302	118.5%	17,450	79.1%	192,600	433,542	-55.6%
WTI CRUDE OIL 1 M CSO FI	7A	91,760	71,250	28.8%	98,910	-7.2%	563,770	677,010	-16.7%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2021	VOLUME JUL 2020	% CHG	VOIUME JUN 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	5,603,156	7,278,462	-23.0%	4,800,096	16.7%	37,304,891	49,267,967	-24.3%
NYMEX HOT ROLLED STEEL	HR	19,341	10,608	82.3%	18,215	6.2%	147,116	119,486	23.1%
NYMEX PLATINUM	PL	294,112	316,024	-6.9%	493,395	-40.4%	2,538,837	2,807,982	-9.6%
PALLADIUM	PA	35,785	41,067	-12.9%	31,687	12.9%	318,925	481,055	-33.7%
URANIUM	UX	120	0	0.0%	5	2,300.0%	985	1,854	-46.9%
COMEX SILVER	SI	1,272,414	2,623,646	-51.5%	2,003,260	-36.5%	12,758,897	13,842,114	-7.8%
COMEX E-Mini GOLD	QO	23,068	22,636	1.9%	19,447	18.6%	160,761	231,703	-30.6%
COMEX E-Mini SILVER	QI	3,938	14,347	-72.6%	5,453	-27.8%	48,701	40,954	18.9%
COMEX COPPER	HG	1,822,790	1,944,940	-6.3%	2,583,100	-29.4%	16,140,118	14,407,412	12.0%
COMEX MINY COPPER	QC	3,970	656	505.2%	5,162	-23.1%	28,506	3,780	654.1%
ALUMINUM	A38	0	0	0.0%	12	-100.0%	174	0	0.0%
ALUMINUM	AEP	6,553	180	3,540.6%	3,999	63.9%	23,673	25,321	-6.5%
ALUMINUM	ALA	40	234	-82.9%	30	33.3%	3,080	1,059	190.8%
ALUMINUM	ALI	14,424	7,946	81.5%	12,561	14.8%	62,634	22,689	176.1%
ALUMINUM	AUP	6,039	8,380	-27.9%	7,172	-15.8%	44,723	74,222	-39.7%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	0	50	-100.0%
ALUMINUM	EDP	5,883	792	642.8%	6,830	-13.9%	22,968	31,046	-26.0%
ALUMINUM	MJP	750	0	0.0%	800	-6.3%	1,850	8,050	-77.0%
COBALT METAL FUTURES	COB	191	0	-	1,344	-85.8%	2,607	0	-
COPPER	HGS	3,033	7,647	-60.3%	1,386	118.8%	19,039	26,306	-27.6%
FERROUS PRODUCTS	BUS	1,186	909	30.5%	1,072	10.6%	10,908	14,987	-27.2%
GOLD	4GC	0	117	-100.0%	0	0.0%	116	254	-54.3%
GOLD	SGC	2,537	943	169.0%	1,589	59.7%	8,979	12,573	-28.6%
GOLD	SGU	7,041	1,444	387.6%	2,871	145.2%	24,214	38,317	-36.8%
HOT ROLLED COIL STEEL FUTURES	EHR	2,017	635	217.6%	1,971	2.3%	8,506	1,785	376.5%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	140	-100.0%	0	0.0%	0	14,498	-100.0%
IRON ORE CHINA	TIO	646	1,427	-54.7%	1,022	-36.8%	6,655	1,427	366.4%
LNDN ZINC	ZNC	0	0	0.0%	0	-	0	0	0.0%
METALS	HDG	0	0	0.0%	0	0.0%	43	30	43.3%
METALS	LTH	0	0	-	0	0.0%	5	0	-
MICRO GOLD	MGC	1,107,149	1,987,718	-44.3%	1,239,095	-10.6%	8,872,389	10,017,640	-11.4%
SILVER	SIL	152,383	243,750	-37.5%	194,898	-21.8%	1,587,699	603,515	163.1%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2021	VOLUME JUL 2020	% CHG	VOIUME JUN 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Metals Options</b>									
ALUMINUM	ALO	0	0	0.0%	1,050	-100.0%	2,250	150	1,400.0%
COMEX COPPER	HX	71,271	22,304	219.5%	91,137	-21.8%	494,433	327,048	51.2%
COMEX GOLD	OG	534,947	997,387	-46.4%	701,657	-23.8%	5,100,382	8,782,126	-41.9%
COMEX SILVER	SO	135,737	270,890	-49.9%	193,446	-29.8%	1,226,671	1,394,323	-12.0%
COPPER	H1E	6	0	0.0%	9	-33.3%	33	1,083	-97.0%
COPPER	H2E	8	0	0.0%	6	33.3%	41	686	-94.0%
COPPER	H3E	4	0	0.0%	1	300.0%	23	732	-96.9%
COPPER	H4E	0	0	0.0%	0	0.0%	25	370	-93.2%
COPPER	H5E	0	0	0.0%	0	0.0%	2	692	-99.7%
GOLD	OG1	29,328	22,925	27.9%	59,520	-50.7%	303,632	249,974	21.5%
GOLD	OG2	35,032	29,865	17.3%	52,504	-33.3%	304,804	268,241	13.6%
GOLD	OG3	32,632	32,008	1.9%	63,536	-48.6%	299,470	239,257	25.2%
GOLD	OG4	26,026	23,781	9.4%	25,470	2.2%	187,853	207,206	-9.3%
GOLD	OG5	28,741	37,308	-23.0%	0	0.0%	89,738	90,979	-1.4%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	0.0%	0	75	-100.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	20	-100.0%	0	0.0%	0	3,740	-100.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	0.0%	0	6,349	-100.0%
IRON ORE CHINA	ICT	2,124	100	2,024.0%	1,300	63.4%	4,128	100	4,028.0%
NYMEX HOT ROLLED STEEL	HRO	0	0	0.0%	330	-100.0%	1,605	0	0.0%
NYMEX PLATINUM	PO	803	436	84.2%	3,278	-75.5%	20,959	23,143	-9.4%
PALLADIUM	PAO	310	4	7,650.0%	945	-67.2%	4,739	5,661	-16.3%
SILVER	SO1	3,368	1,114	202.3%	4,198	-19.8%	19,536	18,690	4.5%
SILVER	SO2	2,908	1,394	108.6%	5,937	-51.0%	20,837	16,292	27.9%
SILVER	SO3	2,274	1,971	15.4%	4,288	-47.0%	17,882	15,202	17.6%
SILVER	SO4	2,604	1,074	142.5%	1,900	37.1%	10,495	11,265	-6.8%
SILVER	SO5	3,008	2,149	40.0%	0	0.0%	5,841	6,070	-3.8%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME JUL 2021	VOLUME JUL 2020	% CHG	VOLUME JUN 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>TOTAL FUTURES GROUP</b>								
Ag Products Futures	0	0	0.0%	0	0.0%	2	23	-91.3%
Energy Futures	38,453,634	33,316,656	15.4%	39,618,071	-2.9%	277,097,054	357,395,307	-22.5%
Metals Futures	10,388,566	14,514,648	-28.4%	11,436,472	-9.2%	80,147,999	92,098,076	-13.0%
<b>TOTAL FUTURES</b>	<b>48,842,200</b>	<b>47,831,304</b>	<b>2.1%</b>	<b>51,054,543</b>	<b>-4.3%</b>	<b>357,245,055</b>	<b>449,493,406</b>	<b>-20.5%</b>
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	5,452,490	3,967,915	37.4%	5,477,462	-0.5%	34,585,305	42,943,365	-19.5%
Metals Options	911,131	1,444,730	-36.9%	1,210,512	-24.7%	8,115,379	11,669,454	-30.5%
<b>TOTAL OPTIONS</b>	<b>6,363,621</b>	<b>5,412,645</b>	<b>17.6%</b>	<b>6,687,974</b>	<b>-4.8%</b>	<b>42,700,684</b>	<b>54,612,819</b>	<b>-21.8%</b>
<b>TOTAL COMBINED</b>								
Ag Products	0	0	0.0%	0	-	2	23	-91.3%
Energy	43,906,124	37,284,571	17.8%	45,095,533	-2.6%	311,682,359	400,338,672	-22.1%
Metals	11,299,697	15,959,378	-29.2%	12,646,984	-10.7%	88,263,378	103,767,530	-14.9%
<b>GRAND TOTAL</b>	<b>55,205,821</b>	<b>53,243,949</b>	<b>3.7%</b>	<b>57,742,517</b>	<b>-4.4%</b>	<b>399,945,739</b>	<b>504,106,225</b>	<b>-20.7%</b>