



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2019	VOLUME APR 2018	% CHG	VOLUME MAR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	5	-100.0%	0	0.0%	0	5	-100.0%
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
COTTON	TT	0	0	0.0%	0	0.0%	3	2	50.0%
SUGAR 11	YO	0	58	-100.0%	0	0.0%	0	58	-100.0%
Energy Futures									
CRUDE OIL PHY	CL	27,628,611	27,977,113	-1.2%	23,823,988	16.0%	100,116,292	108,268,119	-7.5%
CRUDE OIL	WS	1,064	0	0.0%	7,441	-85.7%	16,694	4,339	284.7%
MINY WTI CRUDE OIL	QM	299,535	353,922	-15.4%	367,006	-18.4%	1,555,151	1,187,255	31.0%
BRENT OIL LAST DAY	BZ	2,395,374	1,968,424	21.7%	1,877,590	27.6%	7,451,647	6,854,722	8.7%
HEATING OIL PHY	HO	2,998,959	4,066,332	-26.2%	3,382,272	-11.3%	12,852,627	16,150,962	-20.4%
HTG OIL	BH	48	48	0.0%	0	0.0%	48	48	0.0%
MINY HTG OIL	QH	4	3	33.3%	4	0.0%	14	13	7.7%
RBOB PHY	RB	5,243,864	4,067,357	28.9%	5,049,251	3.9%	17,881,375	16,165,793	10.6%
MINY RBOB GAS	QU	3	3	0.0%	9	-66.7%	24	12	100.0%
NATURAL GAS	HP	106,111	96,932	9.5%	81,573	30.1%	442,590	590,902	-25.1%
LTD NAT GAS	HH	290,539	263,806	10.1%	276,785	5.0%	1,303,727	1,497,128	-12.9%
MINY NATURAL GAS	QG	20,761	17,849	16.3%	20,240	2.6%	106,089	132,978	-20.2%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	6,944,001	8,409,203	-17.4%	6,074,733	14.3%	29,517,776	38,339,460	-23.0%
RBOB GAS	RT	60	2,128	-97.2%	0	0.0%	60	13,328	-99.5%
3.5% FUEL OIL CID MED SWA	7D	5	48	-89.6%	5	0.0%	10	397	-97.5%
3.5% FUEL OIL CIF BALMO S	8D	0	90	-100.0%	0	0.0%	20	90	-77.8%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	-	0	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0.0%	0	0	0.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	-	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	12,251	20,000	-38.7%	14,930	-17.9%	59,776	109,415	-45.4%
ARGUS PROPAN FAR EST INDE	7E	6,738	7,863	-14.3%	6,659	1.2%	26,200	28,003	-6.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	3,516	3,575	-1.7%	2,822	24.6%	12,518	11,554	8.3%

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Energy Futures									
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	0.0%	0	0	0.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	365	0	0.0%	223	63.7%	713	50	1,326.0%
BRENT CALENDAR SWAP	CY	2,138	4,548	-53.0%	1,683	27.0%	12,399	7,550	64.2%
BRENT CFD SWAP	6W	0	0	0.0%	0	0.0%	0	300	-100.0%
BRENT FINANCIAL FUTURES	BB	3,500	0	0.0%	0	0.0%	7,000	10,500	-33.3%
BRENT FINANCIAL FUTURES	MBC	0	0	-	60	-100.0%	60	0	-
BRENT FINANCIAL FUTURES	MDB	0	144	-100.0%	0	0.0%	0	144	-100.0%
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%
CAISO SP15 EZGNHUB5 MW P	9X	0	0	0.0%	0	-	0	0	0.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	0.0%	0	-	0	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0.0%	0	36	-100.0%
CHICAGO ETHANOL SWAP	CU	110,149	105,967	3.9%	131,299	-16.1%	434,873	436,962	-0.5%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	250	78	220.5%	150	66.7%	2,081	1,152	80.6%
CHICAGO UNL GAS PL VS RBO	3C	160	0	0.0%	0	0.0%	675	525	28.6%
CIG BASIS	CI	0	56	-100.0%	0	0.0%	0	196	-100.0%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	-	0	0	0.0%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	0.0%	0	0	0.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	1,100	-100.0%	260	-100.0%	2,216	4,604	-51.9%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	3,920	-100.0%	3,920	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0.0%	325	0	0.0%
COAL SWAP	ACM	0	35	-100.0%	0	0.0%	0	185	-100.0%
COAL SWAP	SSI	0	0	0.0%	0	-	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	364	0	0.0%	0	0.0%	364	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	-	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	140	48	191.7%	85	64.7%	984	548	79.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	310	150	106.7%	323	-4.0%	823	340	142.1%
CONWAY PROPANE 5 DECIMALS SWAP	8K	14,421	15,943	-9.5%	11,171	29.1%	56,795	62,576	-9.2%
CRUDE OIL	LPS	3,250	4,530	-28.3%	2,175	49.4%	12,325	19,455	-36.6%
CRUDE OIL OUTRIGHTS	42	522	367	42.2%	56	832.1%	2,104	906	132.2%
CRUDE OIL OUTRIGHTS	CC5	540	0	0.0%	90	500.0%	1,350	0	0.0%

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CRUDE OIL OUTRIGHTS	CPD	0	100	-100.0%	0	0.0%	0	2,956	-100.0%
CRUDE OIL OUTRIGHTS	CSN	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	180	0	0.0%	1,080	-83.3%	2,030	5	40,500.0%
CRUDE OIL OUTRIGHTS	DBL	0	16	-100.0%	0	0.0%	0	40	-100.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	276	105	162.9%
CRUDE OIL OUTRIGHTS	HTT	69,606	41,900	66.1%	68,250	2.0%	238,559	193,664	23.2%
CRUDE OIL OUTRIGHTS	LSW	773	60	1,188.3%	60	1,188.3%	2,838	290	878.6%
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	UMD	0	700	-100.0%	0	0.0%	0	4,700	-100.0%
CRUDE OIL OUTRIGHTS	UNS	0	500	-100.0%	0	0.0%	0	6,054	-100.0%
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCW	2,975	10,209	-70.9%	3,880	-23.3%	24,027	42,061	-42.9%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	22,576	0	-	23,215	-2.8%	92,122	0	-
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	1,155	-100.0%
CRUDE OIL SPRDS	WTT	27,137	42,804	-36.6%	13,289	104.2%	83,848	221,374	-62.1%
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	0.0%
DATED TO FRONTLINE BRENT	FY	300	600	-50.0%	0	0.0%	900	2,660	-66.2%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	5	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	-	0	0	0.0%
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
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	125	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	470	1,184	-60.3%	873	-46.2%	15,768	8,944	76.3%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	3,888	1,015	283.1%	11,512	-66.2%	31,216	3,420	812.7%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	-	0	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	30	-100.0%	0	0.0%	0	150	-100.0%
EAST/WEST FUEL OIL SPREAD	EW	0	20	-100.0%	0	0.0%	0	157	-100.0%
EIA FLAT TAX ONHWAY DIESE	A5	39	226	-82.7%	40	-2.5%	1,067	666	60.2%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	0.0%	0	0	-
ELEC ERCOT DLY PEAK	I3	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	I2	0	19,600	-100.0%	0	0.0%	0	19,600	-100.0%
ELEC FINSETTLED	I47	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC FINSETTLED	I49	0	0	0.0%	0	-	0	0	0.0%
ELEC MISO PEAK	I4L	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	I55	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	I4M	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	I58	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	ERE	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	I46	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	I4P	0	0	-	0	0.0%	0	0	-
ELECTRICITY OFF PEAK	I50	0	0	0.0%	0	-	0	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	0	0	0.0%	0	-	0	0	0.0%
ELEC WEST POWER PEAK	MDC	0	0	0.0%	0	-	0	0	0.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	0.0%	0	-	0	0	0.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I11	0	0	0.0%	0	0.0%	0	1,510	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I18	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I16	0	19,600	-100.0%	0	0.0%	0	19,600	-100.0%
ERCOT NORTH ZMCPE 5MW PEAK	I15	0	0	0.0%	0	0.0%	0	4,610	-100.0%
ETHANOL	MTH	30	0	-	0	0.0%	40	0	-
ETHANOL	Z1B	0	0	-	0	0.0%	0	0	-
ETHANOL SWAP	MT2	155	20	675.0%	70	121.4%	365	30	1,116.7%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,129	3,404	-8.1%	5,065	-38.2%	16,563	12,531	32.2%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0.0%	0	5	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	28	724	-96.1%	105	-73.3%	173	2,430	-92.9%
EURO 3.5% FUEL OIL SPREAD	FK	40	191	-79.1%	45	-11.1%	85	482	-82.4%

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EURO-DENOMINATED PETRO PROD	NCP	0	0	0.0%	0	0.0%	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0.0%	0	355	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	9	45	-80.0%	0	0.0%	103	303	-66.0%
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	13	111	-88.3%	78	-83.3%	286	610	-53.1%
EUROPE 3.5% FUEL OIL RDAM	UV	1,198	11,803	-89.9%	1,837	-34.8%	5,530	32,694	-83.1%
EUROPEAN GASOIL (ICE)	7F	0	728	-100.0%	220	-100.0%	428	1,662	-74.2%
EUROPEAN NAPHTHA BALMO	KZ	128	203	-36.9%	288	-55.6%	885	1,099	-19.5%
EUROPEAN NAPHTHA CRACK SPR	EN	4,807	8,422	-42.9%	6,398	-24.9%	21,914	37,345	-41.3%
EUROPE DATED BRENT SWAP	UB	50	0	0.0%	176	-71.6%	798	0	0.0%
EUROPE JET KERO NWE CALSW	UJ	5	0	0.0%	0	0.0%	5	15	-66.7%
EUROPE NAPHTHA CALSWAP	UN	2,548	2,392	6.5%	3,025	-15.8%	9,821	13,660	-28.1%
EURO PROPANE CIF ARA SWA	PS	2,207	1,649	33.8%	2,897	-23.8%	8,528	8,389	1.7%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	FLP	55	44	25.0%	44	25.0%	485	492	-1.4%
FREIGHT MARKETS	FRC	80	0	0.0%	355	-77.5%	450	185	143.2%
FREIGHT MARKETS	FRS	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	T2D	335	540	-38.0%	150	123.3%	2,210	1,028	115.0%
FREIGHT MARKETS	TC6	0	0	0.0%	0	0.0%	0	240	-100.0%
FREIGHT MARKETS	TD3	0	0	-	70	-100.0%	70	0	-
FREIGHT MARKETS	TD8	0	0	-	0	0.0%	60	0	-
FUEL OIL CRACK VS ICE	FO	1,950	3,932	-50.4%	1,831	6.5%	5,880	18,514	-68.2%
FUEL OIL NWE CRACK VS ICE	FI	0	15	-100.0%	0	0.0%	15	171	-91.2%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	0	154	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	27	-100.0%	0	0.0%	0	72	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	85	251	-66.1%	171	-50.3%	814	1,225	-33.6%
GAS EURO-BOB OXY NWE BARGES	7H	7,018	5,819	20.6%	9,345	-24.9%	30,787	29,289	5.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	10,602	23,151	-54.2%	12,886	-17.7%	41,669	93,111	-55.2%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF NWE VS ISE	TU	5	0	0.0%	0	-	5	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	15	5	200.0%
GASOIL 0.1 ROTTERDAM BARG	VL	49	320	-84.7%	12	308.3%	73	365	-80.0%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	-	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	15	-100.0%	24	12	100.0%

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Commodity		VOLUME APR 2019	VOLUME APR 2018	% CHG	VOLUME MAR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
GASOIL BULLET SWAP	BG	0	0	0.0%	0	-	0	0	0.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0.0%	54	12	350.0%
GASOIL CRACK SPREAD CALEN	GZ	0	1,495	-100.0%	150	-100.0%	462	24,012	-98.1%
GASOIL MINI CALENDAR SWAP	QA	248	110	125.5%	138	79.7%	840	536	56.7%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	2,502	204	1,126.5%	4,944	-49.4%	8,439	2,076	306.5%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	0	115	-100.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	0.0%	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	1,715	3,974	-56.8%	2,575	-33.4%	10,355	16,294	-36.4%
GRP THREE UNL GS (PLT) VS	A8	3,809	2,950	29.1%	4,885	-22.0%	14,438	8,938	61.5%
GULF COAST 3% FUEL OIL BA	VZ	685	947	-27.7%	1,099	-37.7%	3,355	5,496	-39.0%
GULF COAST JET FUEL CLNDR	GE	0	336	-100.0%	51	-100.0%	267	633	-57.8%
GULF COAST JET VS NYM 2 H	ME	19,945	31,814	-37.3%	20,270	-1.6%	75,791	188,133	-59.7%
GULF COAST NO.6 FUEL OIL	MF	24,315	60,240	-59.6%	22,736	6.9%	104,320	241,036	-56.7%
GULF COAST NO.6 FUEL OIL	MG	110	3,665	-97.0%	283	-61.1%	1,028	8,483	-87.9%
GULF COAST ULSD CALENDAR	LY	164	200	-18.0%	183	-10.4%	1,277	754	69.4%
GULF COAST ULSD CRACK SPR	GY	0	100	-100.0%	0	0.0%	0	1,295	-100.0%
HEATING OIL BALMO CLNDR S	1G	35	0	0.0%	0	0.0%	45	56	-19.6%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	4,588	1,240	270.0%	0	0.0%	4,588	6,192	-25.9%
HENRY HUB FINANCIAL LAST	NBP	0	1,222	-100.0%	0	0.0%	0	5,290	-100.0%
HENRY HUB FINANCIAL LAST	TTE	0	26	-100.0%	0	0.0%	0	621	-100.0%
HENRY HUB INDEX SWAP FUTU	IN	4,588	1,240	270.0%	0	0.0%	4,588	6,192	-25.9%
HENRY HUB SWAP	NN	116,924	131,053	-10.8%	59,967	95.0%	496,242	646,442	-23.2%
HOUSTON SHIP CHANNEL BASI	NH	736	0	0.0%	0	0.0%	736	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	4,325	13,243	-67.3%	1,015	326.1%	19,450	43,017	-54.8%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FAD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FTM	0	0	0.0%	0	-	0	0	0.0%
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	MCC	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL ICI4	ICI	172	115	49.6%	1,053	-83.7%	1,605	235	583.0%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	169	918	-81.6%	0	0.0%	169	1,608	-89.5%
JAPAN C&F NAPHTHA SWAP	JA	1,621	1,984	-18.3%	1,683	-3.7%	5,973	7,917	-24.6%
JAPAN NAPHTHA BALMO SWAP	E6	5	37	-86.5%	92	-94.6%	276	140	97.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	0.0%	0	5	-100.0%
JET CIF NWE VS ICE	JC	0	74	-100.0%	0	0.0%	70	474	-85.2%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	-	0	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	4,830	4,460	8.3%	2,740	76.3%	14,479	30,244	-52.1%
JKM LNG Futures	JKM	792	2,000	-60.4%	3,929	-79.8%	6,096	3,445	77.0%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	-	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	0	325	-100.0%	125	-100.0%	285	1,000	-71.5%
LA CARBOB GASOLINE(OPIS)S	JL	100	1,450	-93.1%	375	-73.3%	1,675	3,275	-48.9%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	-	0	0	0.0%
LA JET (OPIS) SWAP	JS	1,720	2,635	-34.7%	1,025	67.8%	5,495	9,535	-42.4%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	0.0%	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	4,681	6,085	-23.1%	3,910	19.7%	13,869	19,222	-27.8%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	0.0%	0	0	-
MARS (ARGUS) VS WTI SWAP	YX	560	3,530	-84.1%	3,655	-84.7%	7,965	14,545	-45.2%
MARS (ARGUS) VS WTI TRD M	YV	21,792	19,630	11.0%	11,215	94.3%	86,135	114,636	-24.9%
MARS BLEND CRUDE OIL	MB	0	350	-100.0%	0	0.0%	0	1,519	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	26,045	22,847	14.0%	34,063	-23.5%	111,190	106,740	4.2%
MCCLOSKEY RCH BAY COAL	MFF	2,327	2,374	-2.0%	2,478	-6.1%	10,771	14,020	-23.2%
MGF FUT	MGF	0	50	-100.0%	0	0.0%	0	130	-100.0%
MGN1 SWAP FUT	MGN	0	30	-100.0%	50	-100.0%	170	383	-55.6%
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	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	67	502	-86.7%	44	52.3%	703	1,389	-49.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	1,174	862	36.2%	230	410.4%	2,770	1,053	163.1%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	2,703	2,021	33.7%	1,955	38.3%	8,392	6,217	35.0%
MJC FUT	MJC	0	190	-100.0%	30	-100.0%	110	970	-88.7%
MNC FUT	MNC	4,109	3,441	19.4%	5,376	-23.6%	17,360	14,487	19.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	14,964	11,593	29.1%	12,640	18.4%	55,792	61,389	-9.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	149	90	65.6%	50	198.0%	744	655	13.6%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	172,739	138,294	24.9%	137,375	25.7%	560,480	537,281	4.3%

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Energy Futures									
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,126	2,275	-50.5%	2,553	-55.9%	12,900	14,044	-8.1%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	8,227	9,135	-9.9%	7,665	7.3%	32,630	38,684	-15.6%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	310	228	36.0%	715	-56.6%	2,519	1,773	42.1%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	44,583	42,033	6.1%	36,495	22.2%	149,775	117,520	27.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,247	780	59.9%	1,430	-12.8%	5,781	3,819	51.4%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	XIC	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	31,025	30,813	0.7%	20,814	49.1%	110,877	161,690	-31.4%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	16,560	61,920	-73.3%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	3,415	-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%
NEPOOL RHD ISLD 5MW D AH	U4	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL W CNTR M 5MW D AH	R6	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	305	1,515	-79.9%	1,142	-73.3%	2,592	7,461	-65.3%
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%	1,240	400	210.0%
NGPL TEX/OK	PD	2,576	15,120	-83.0%	0	0.0%	2,576	22,836	-88.7%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	300	-100.0%	225	-100.0%	575	1,535	-62.5%
NORTHEN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VENTU	PF	0	0	0.0%	0	0.0%	0	100	-100.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0.0%	3,106	0	0.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	150	841	-82.2%	360	-58.3%	1,765	7,101	-75.1%
NY 2.2% FUEL OIL (PLATTS)	Y3	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
NY 3.0% FUEL OIL (PLATTS)	H1	75	200	-62.5%	200	-62.5%	525	975	-46.2%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	490	1,521	-67.8%	954	-48.6%	6,178	5,945	3.9%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	75	100	-25.0%	0	0.0%	390	2,475	-84.2%
NY HARBOR RESIDUAL FUEL 1	MM	1,083	619	75.0%	977	10.8%	3,959	4,536	-12.7%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	0.0%	0	0	-
NYH NO 2 CRACK SPREAD CAL	HK	480	1,905	-74.8%	265	81.1%	1,345	5,177	-74.0%
NYISO A	KA	0	0	0.0%	0	-	0	0	0.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	-	0	0	0.0%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	240	144	66.7%
NYISO CAPACITY	NNC	0	136	-100.0%	0	0.0%	0	306	-100.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0.0%	60	108	-44.4%
NYISO G	KG	0	0	0.0%	0	-	0	0	0.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	-	0	0	0.0%
NYISO J	KJ	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO J OFF-PEAK	KK	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%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	8,160	46,080	-82.3%	0	0.0%	13,680	392,350	-96.5%
NYISO ZONE G 5MW D AH PK	T3	0	2,115	-100.0%	0	0.0%	0	5,510	-100.0%
NYISO ZONE J 5MW D AH O P	D4	0	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	0.0%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	700	-100.0%	1,450	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	750	0	0.0%	27	2,677.8%	1,167	0	0.0%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0.0%	0	10	-100.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	275	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	179	242	-26.0%	70	155.7%	707	652	8.4%

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Energy Futures									
PETROCHEMICALS	32	73	281	-74.0%	233	-68.7%	470	850	-44.7%
PETROCHEMICALS	3NA	16	0	-	0	0.0%	33	0	-
PETROCHEMICALS	51	5	20	-75.0%	0	0.0%	5	23	-78.3%
PETROCHEMICALS	8I	932	1,144	-18.5%	527	76.9%	2,713	3,559	-23.8%
PETROCHEMICALS	91	295	453	-34.9%	438	-32.6%	1,885	2,274	-17.1%
PETROCHEMICALS	HPE	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	MAA	50	0	-	0	0.0%	80	0	-
PETROCHEMICALS	MAC	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	MAE	150	240	-37.5%	275	-45.5%	824	770	7.0%
PETROCHEMICALS	MAS	80	90	-11.1%	145	-44.8%	575	450	27.8%
PETROCHEMICALS	MBE	335	540	-38.0%	300	11.7%	1,115	3,550	-68.6%
PETROCHEMICALS	MNB	1,181	3,014	-60.8%	352	235.5%	4,177	8,777	-52.4%
PETROCHEMICALS	MPS	95	115	-17.4%	155	-38.7%	625	345	81.2%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	100	-100.0%	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	102	0	0.0%	28	264.3%	130	409	-68.2%
PETRO CRCKS & SPRDS NA	CRB	10,075	280	3,498.2%	8,090	24.5%	28,815	1,045	2,657.4%
PETRO CRCKS & SPRDS NA	EXR	3,240	2,542	27.5%	4,516	-28.3%	13,222	11,467	15.3%
PETRO CRCKS & SPRDS NA	FOC	50	2,100	-97.6%	220	-77.3%	1,420	4,500	-68.4%
PETRO CRCKS & SPRDS NA	GBB	220	670	-67.2%	900	-75.6%	3,020	2,845	6.2%
PETRO CRCKS & SPRDS NA	GCC	0	150	-100.0%	0	0.0%	0	950	-100.0%
PETRO CRCKS & SPRDS NA	GCI	2,427	660	267.7%	1,516	60.1%	5,913	5,893	0.3%
PETRO CRCKS & SPRDS NA	GCM	0	100	-100.0%	0	0.0%	0	121	-100.0%
PETRO CRCKS & SPRDS NA	GCU	2,253	21,025	-89.3%	4,774	-52.8%	14,537	50,442	-71.2%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	100	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	3,480	475	632.6%	180	1,833.3%	4,440	5,786	-23.3%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	0.0%	0	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	10,220	4,921	107.7%	7,407	38.0%	40,323	18,231	121.2%
PETRO CRCKS & SPRDS NA	RVG	15,655	17,922	-12.6%	17,455	-10.3%	62,053	69,101	-10.2%
PETRO CRCKS & SPRDS NA	SF3	130	33	293.9%	145	-10.3%	481	234	105.6%
PETRO CRK&SPRD EURO	1NB	2,027	2,177	-6.9%	1,710	18.5%	7,564	8,539	-11.4%

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Energy Futures									
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO CRK&SPRD EURO	43	75	680	-89.0%	0	0.0%	75	1,818	-95.9%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	60	-100.0%	60	0	0.0%
PETRO CRK&SPRD EURO	BOB	526	2,712	-80.6%	513	2.5%	2,179	7,787	-72.0%
PETRO CRK&SPRD EURO	EGB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EGN	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	15	-100.0%	15	108	-86.1%
PETRO CRK&SPRD EURO	EPN	615	765	-19.6%	654	-6.0%	2,492	4,170	-40.2%
PETRO CRK&SPRD EURO	EVC	303	1,680	-82.0%	665	-54.4%	1,916	7,826	-75.5%
PETRO CRK&SPRD EURO	FBT	0	0	-	60	-100.0%	60	0	-
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	30	-100.0%
PETRO CRK&SPRD EURO	GCB	0	200	-100.0%	0	0.0%	282	375	-24.8%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	84	-100.0%
PETRO CRK&SPRD EURO	MGB	30	0	0.0%	60	-50.0%	90	80	12.5%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0.0%	10	123	-91.9%
PETRO CRK&SPRD EURO	NBB	21	66	-68.2%	5	320.0%	58	96	-39.6%
PETRO CRK&SPRD EURO	NOB	462	1,652	-72.0%	717	-35.6%	2,399	7,073	-66.1%
PETRO CRK&SPRD EURO	SFB	21	30	-30.0%	0	0.0%	51	30	70.0%
PETROLEUM PRODUCTS	1NM	123	0	-	0	0.0%	193	0	-
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	EWG	3,292	3,190	3.2%	2,000	64.6%	13,161	22,199	-40.7%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MGS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	603	-100.0%	0	0.0%	135	603	-77.6%
PETROLEUM PRODUCTS ASIA	E6M	0	30	-100.0%	10	-100.0%	50	374	-86.6%
PETROLEUM PRODUCTS ASIA	MJN	1,392	2,697	-48.4%	1,766	-21.2%	6,560	9,482	-30.8%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0B	20	0	0.0%	0	0.0%	20	50	-60.0%
PETRO OUTRIGHT EURO	0C	10	0	0.0%	0	0.0%	15	0	0.0%
PETRO OUTRIGHT EURO	0D	1,645	1,859	-11.5%	1,122	46.6%	4,988	4,833	3.2%
PETRO OUTRIGHT EURO	0E	20	109	-81.7%	0	0.0%	51	119	-57.1%
PETRO OUTRIGHT EURO	0F	450	663	-32.1%	656	-31.4%	1,678	2,435	-31.1%
PETRO OUTRIGHT EURO	1T	5	0	0.0%	0	0.0%	5	15	-66.7%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
PETRO OUTFRIGHT EURO	5L	10	46	-78.3%	71	-85.9%	133	89	49.4%
PETRO OUTFRIGHT EURO	63	0	70	-100.0%	0	0.0%	0	107	-100.0%
PETRO OUTFRIGHT EURO	6L	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	7I	42	365	-88.5%	175	-76.0%	394	429	-8.2%
PETRO OUTFRIGHT EURO	7R	114	252	-54.8%	117	-2.6%	931	1,230	-24.3%
PETRO OUTFRIGHT EURO	88	0	45	-100.0%	0	0.0%	0	95	-100.0%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	0	0.0%	0	55	-100.0%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	20	0	0.0%
PETRO OUTFRIGHT EURO	CPB	67	352	-81.0%	290	-76.9%	1,292	2,487	-48.0%
PETRO OUTFRIGHT EURO	EFF	5	93	-94.6%	20	-75.0%	110	93	18.3%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	0.0%	22	0	0.0%
PETRO OUTFRIGHT EURO	ENS	45	0	0.0%	10	350.0%	55	55	0.0%
PETRO OUTFRIGHT EURO	ESB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	373	535	-30.3%	944	-60.5%	2,870	2,822	1.7%
PETRO OUTFRIGHT EURO	FBD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	0.0%	6	0	-
PETRO OUTFRIGHT EURO	GES	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT EURO	MBB	0	25	-100.0%	0	0.0%	0	161	-100.0%
PETRO OUTFRIGHT EURO	MBN	420	1,483	-71.7%	260	61.5%	1,276	5,499	-76.8%
PETRO OUTFRIGHT EURO	MEF	453	0	-	335	35.2%	1,423	0	-
PETRO OUTFRIGHT EURO	R53	0	0	-	12	-100.0%	12	0	-
PETRO OUTFRIGHT EURO	R5M	4	0	-	0	-	4	0	-
PETRO OUTFRIGHT EURO	R5O	85	0	-	30	183.3%	115	0	-
PETRO OUTFRIGHT EURO	S5M	0	0	-	9	-100.0%	52	0	-
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	125	328	-61.9%
PETRO OUTFRIGHT EURO	T0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	T2B	0	0	-	0	0.0%	15	0	-
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	V0	0	300	-100.0%	0	0.0%	0	980	-100.0%
PETRO OUTFRIGHT EURO	X0	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT NA	FCB	132	50	164.0%	0	0.0%	132	249	-47.0%
PETRO OUTFRIGHT NA	FOM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT NA	JE	0	0	0.0%	0	0.0%	0	69	-100.0%
PETRO OUTFRIGHT NA	JET	2,100	1,925	9.1%	2,350	-10.6%	8,575	9,680	-11.4%
PETRO OUTFRIGHT NA	JTB	550	685	-19.7%	800	-31.3%	2,675	2,460	8.7%
PETRO OUTFRIGHT NA	MBL	0	0	0.0%	0	0.0%	0	10	-100.0%

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Energy Futures									
PETRO OUTRIGHT NA	MEN	185	397	-53.4%	312	-40.7%	857	1,230	-30.3%
PETRO OUTRIGHT NA	MEO	2,682	3,111	-13.8%	3,114	-13.9%	11,254	15,413	-27.0%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	30	-100.0%
PETRO OUTRIGHT NA	MMF	134	20	570.0%	81	65.4%	360	55	554.5%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	XER	0	0	-	0	0.0%	0	0	-
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	70,120	28,032	150.1%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0.0%	1,275	7,513	-83.0%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	-	0	0	0.0%
PJM AECO DA PEAK	Y1	0	0	0.0%	0	-	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	W4	0	0	0.0%	0	-	0	0	0.0%
PJM APS ZONE DA PEAK	S4	0	0	0.0%	0	-	0	0	0.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MPD	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	0.0%
PJM BGE DA PEAK	E3	0	0	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	0.0%
PJM COMED 5MW D AH PK	D8	0	0	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 JCPL DA OFF-PEAK	F2	0	0	0.0%	0	-	0	0	0.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	-	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0.0%	0	5,100	-100.0%
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	0.0%
PJM NILL DA PEAK	N3	0	22	-100.0%	0	0.0%	0	22	-100.0%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	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	-
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	-	0	0	0.0%
PJM PPL DA PEAK	L5	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	31,610	-100.0%	0	0.0%	0	78,410	-100.0%
PJM WESTHDA PEAK	J4	0	1,700	-100.0%	0	0.0%	0	4,250	-100.0%
PJM WESTH RT OFF-PEAK	N9	0	102,880	-100.0%	0	0.0%	23,400	173,080	-86.5%

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Energy Futures									
PJM WESTH RT PEAK	L1	4,296	9,860	-56.4%	10,200	-57.9%	19,979	34,454	-42.0%
PLASTICS	PGP	460	240	91.7%	490	-6.1%	3,365	1,522	121.1%
PREMIUM UNLND 10P FOB MED	3G	118	15	686.7%	34	247.1%	660	1,326	-50.2%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0.0%	18	165	-89.1%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	20	80	-75.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	0.0%	30	10	200.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,124	487	130.8%	1,359	-17.3%	8,174	2,251	263.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	18,001	12,775	40.9%	20,068	-10.3%	72,519	42,691	69.9%
RBOB CALENDAR SWAP	RL	8,994	5,543	62.3%	4,531	98.5%	24,514	17,483	40.2%
RBOB CRACK SPREAD	RM	2,015	1,896	6.3%	1,195	68.6%	4,545	4,468	1.7%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	-	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	1,598	3,759	-57.5%	511	212.7%	4,301	5,262	-18.3%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	600	-100.0%	0	0.0%	75	1,150	-93.5%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0.0%	0	31	-100.0%
SAN JUAN PIPE SWAP	XX	0	360	-100.0%	0	0.0%	0	360	-100.0%
SINGAPORE 180CST BALMO	BS	26	62	-58.1%	17	52.9%	63	182	-65.4%
SINGAPORE 380CST BALMO	BT	83	120	-30.8%	90	-7.8%	198	409	-51.6%
SINGAPORE 380CST FUEL OIL	SE	2,582	9,418	-72.6%	2,852	-9.5%	12,341	27,521	-55.2%
SINGAPORE FUEL 180CST CAL	UA	486	1,324	-63.3%	368	32.1%	1,321	3,364	-60.7%
SINGAPORE FUEL OIL SPREAD	SD	15	1,525	-99.0%	55	-72.7%	245	4,140	-94.1%
SINGAPORE GASOIL	MAF	1,576	0	-	2,207	-28.6%	7,141	0	-
SINGAPORE GASOIL	MTB	46	0	0.0%	63	-27.0%	191	268	-28.7%
SINGAPORE GASOIL	MTS	3,224	5,135	-37.2%	3,494	-7.7%	14,501	20,330	-28.7%
SINGAPORE GASOIL	STZ	0	150	-100.0%	0	0.0%	0	4,300	-100.0%
SINGAPORE GASOIL CALENDAR	GDH	0	0	0.0%	0	0.0%	0	50	-100.0%
SINGAPORE GASOIL CALENDAR	GDL	0	0	0.0%	0	0.0%	0	250	-100.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	0.0%	0	200	-100.0%
SINGAPORE GASOIL CALENDAR	MSG	19	160	-88.1%	320	-94.1%	689	3,919	-82.4%
SINGAPORE GASOIL CALENDAR	SGG	0	0	0.0%	0	0.0%	0	325	-100.0%
SINGAPORE GASOIL SWAP	SG	1,384	5,640	-75.5%	688	101.2%	4,921	21,167	-76.8%
SINGAPORE GASOIL VS ICE	GA	0	9,325	-100.0%	3,075	-100.0%	4,340	74,060	-94.1%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	0	165	-100.0%
SINGAPORE JET KERO GASOIL	RK	0	1,175	-100.0%	0	0.0%	100	19,295	-99.5%

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Energy Futures									
SINGAPORE JET KEROSENE SW	KS	940	1,210	-22.3%	515	82.5%	2,585	4,845	-46.6%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	0	25	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	450	300	50.0%	450	0.0%	1,375	1,663	-17.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	13,922	11,059	25.9%	18,344	-24.1%	66,400	63,704	4.2%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0.0%	0	200	-100.0%
SING FUEL	MSD	0	55	-100.0%	0	0.0%	0	55	-100.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	-	0	0	0.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	-	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0.0%	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0.0%	0	91	-100.0%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	-	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	250	30	733.3%	370	-32.4%	980	548	78.8%
TC5 RAS TANURA TO YOKOHAM	TH	280	20	1,300.0%	485	-42.3%	1,520	240	533.3%
TCO BASIS SWAP	TC	0	0	0.0%	0	0.0%	0	0	0.0%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	-	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	3,015	160	1,784.4%	3,756	-19.7%	14,986	1,965	662.6%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0.0%	0	0	0.0%
TETCO M-3 INDEX	IX	0	0	0.0%	0	-	0	0	0.0%
Tetco STX Basis	TX	0	0	0.0%	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0.0%	0	0	0.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0.0%	0	0	0.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 3 NG INDEX S	Y6	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 4 NAT GAS IN	B2	0	0	0.0%	0	-	0	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	-	0	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	0.0%	20	50	-60.0%
UK NBP NAT GAS CAL MTH FUT	UKG	355	5,215	-93.2%	894	-60.3%	3,129	14,930	-79.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0.0%	0	14	-100.0%
ULSD 10PPM CIF NW BALMO S	B1	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	3,400	5,525	-38.5%	6,145	-44.7%	23,470	19,765	18.7%
UP DOWN GC ULSD VS NMX HO	LT	20,310	26,656	-23.8%	23,313	-12.9%	103,499	138,852	-25.5%

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Energy Futures									
WAHA BASIS	NW	75	839	-91.1%	300	-75.0%	500	2,925	-82.9%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	-	0	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0.0%	0	15	-100.0%
WTI-BRENT BULLET SWAP	BY	264	6,300	-95.8%	0	0.0%	864	6,300	-86.3%
WTI-BRENT CALENDAR SWAP	BK	61,338	35,865	71.0%	30,610	100.4%	140,208	152,174	-7.9%
WTI CALENDAR	CS	68,900	43,112	59.8%	53,364	29.1%	191,982	153,553	25.0%
WTS (ARGUS) VS WTI SWAP	FF	1,845	3,669	-49.7%	2,880	-35.9%	13,053	35,867	-63.6%
WTS (ARGUS) VS WTI TRD MT	FH	966	1,050	-8.0%	1,052	-8.2%	3,978	1,272	212.7%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	0.0%	0	-	0	0	0.0%
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	0.0%	0	3,000	-100.0%
BRENT CALENDAR SWAP	BA	240	0	0.0%	0	0.0%	240	1,140	-78.9%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	0.0%	0	0.0%	0	2,000	-100.0%
BRENT CRUDE OIL 1 M CSO	9C	9,000	132,544	-93.2%	3,100	190.3%	30,100	254,744	-88.2%
BRENT CRUDE OIL 6 M CSO	9L	0	1,000	-100.0%	0	0.0%	0	1,000	-100.0%
BRENT OIL LAST DAY	BE	57,956	51,349	12.9%	23,148	150.4%	174,799	86,164	102.9%
BRENT OIL LAST DAY	BZO	95,682	131,389	-27.2%	99,051	-3.4%	371,452	454,849	-18.3%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	0	1,040	-100.0%
COAL API2 INDEX	CLA	35	225	-84.4%	50	-30.0%	85	2,965	-97.1%
COAL API2 INDEX	CQA	0	400	-100.0%	300	-100.0%	510	1,050	-51.4%
COAL API2 INDEX	MTC	0	0	0.0%	0	-	0	0	0.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0.0%	0	25	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0.0%	0	60	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0.0%	0	0	0.0%
COAL SWAP	RPF	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL	6Y	0	0	-	150	-100.0%	150	0	-
CRUDE OIL 1MO	WA	318,157	250,275	27.1%	207,304	53.5%	1,006,461	751,260	34.0%
CRUDE OIL APO	AO	81,180	56,947	42.6%	93,804	-13.5%	233,600	228,916	2.0%
CRUDE OIL CALNDR STRIP	6F	0	170	-100.0%	200	-100.0%	200	170	17.6%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0.0%	960	0	0.0%
CRUDE OIL PHY	CD	600	3,850	-84.4%	250	140.0%	850	7,025	-87.9%
CRUDE OIL PHY	LC	17,379	13,590	27.9%	5,000	247.6%	40,365	53,291	-24.3%

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Energy Options									
CRUDE OIL PHY	LO	2,791,009	3,719,820	-25.0%	2,057,104	35.7%	9,382,763	14,917,813	-37.1%
CRUDE OIL PHY	LO1	23,358	14,510	61.0%	6,141	280.4%	69,463	48,162	44.2%
CRUDE OIL PHY	LO2	27,270	18,070	50.9%	13,688	99.2%	71,687	55,363	29.5%
CRUDE OIL PHY	LO3	10,539	16,825	-37.4%	87	12,013.8%	27,072	47,915	-43.5%
CRUDE OIL PHY	LO4	26,507	18,310	44.8%	14,375	84.4%	61,485	57,891	6.2%
CRUDE OIL PHY	LO5	0	0	0.0%	19,538	-100.0%	19,576	13,277	47.4%
ELEC MISO PEAK	9T	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	CE1	0	175	-100.0%	0	0.0%	0	275	-100.0%
ETHANOL	CE3	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	10,957	7,360	48.9%	8,533	28.4%	31,209	31,867	-2.1%
ETHANOL SWAP	GVR	0	600	-100.0%	180	-100.0%	780	1,683	-53.7%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	-	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRACK OPTIONS	CH	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	343	0	0.0%	205	67.3%	676	0	0.0%
HEATING OIL PHY	OH	19,982	25,544	-21.8%	20,910	-4.4%	99,520	134,509	-26.0%
HENRY HUB FINANCIAL LAST	E7	11,931	1,386	760.8%	4,757	150.8%	29,970	14,448	107.4%
HO 1 MONTH CLNDR OPTIONS	FA	1,150	0	0.0%	0	0.0%	2,150	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	0	100	-100.0%
LLS CRUDE OIL	YVO	0	0	0.0%	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGV COAL	MTO	0	0	0.0%	0	0.0%	130	90	44.4%
MCCLOSKEY RCH BAY COAL	MFO	50	200	-75.0%	0	0.0%	270	1,725	-84.3%
NATURAL GAS	G10	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	12,000	150	7,900.0%	7,850	52.9%	174,500	212,692	-18.0%
NATURAL GAS 2 M CSO FIN	G2	1,250	0	0.0%	500	150.0%	1,750	0	0.0%
NATURAL GAS 3 M CSO FIN	G3	25,500	7,815	226.3%	4,550	460.4%	30,600	14,296	114.0%
NATURAL GAS 5 M CSO FIN	G5	0	1,100	-100.0%	0	0.0%	0	2,550	-100.0%
NATURAL GAS 6 M CSO FIN	G6	11,300	1,000	1,030.0%	400	2,725.0%	28,375	63,650	-55.4%
NATURAL GAS OPTION ON CALENDAR STRP	6J	400	4,584	-91.3%	2,800	-85.7%	7,700	18,408	-58.2%
NATURAL GAS PHY	KD	2,437	18,392	-86.7%	872	179.5%	8,207	91,626	-91.0%
NATURAL GAS PHY	LN	1,229,792	1,275,146	-3.6%	899,140	36.8%	5,679,043	8,344,091	-31.9%
NATURAL GAS PHY	ON	121,631	113,089	7.6%	86,680	40.3%	521,339	737,451	-29.3%
NATURAL GAS WINTER STRIP	6I	0	0	-	0	0.0%	0	0	-
N ROCKIES PIPE SWAP	ZR	1,026	0	0.0%	0	0.0%	1,026	0	0.0%
NY HARBOR HEAT OIL SWP	AT	396	1,856	-78.7%	1,432	-72.3%	4,874	11,743	-58.5%

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Energy Options									
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4H	377	500	-24.6%	32	1,078.1%	1,844	2,133	-13.5%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	0	1,350	-100.0%
PETROCHEMICALS	4K	160	0	0.0%	0	0.0%	160	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	0.0%	24	0	-
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	40	170	-76.5%	100	-60.0%	160	250	-36.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0.0%	0	880	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	1,282	-100.0%	396	-100.0%	836	4,275	-80.4%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	150	500	-70.0%
RBOB CALENDAR SWAP	RA	0	460	-100.0%	57	-100.0%	237	910	-74.0%
RBOB CRACK	RX	0	0	-	0	0.0%	0	0	-
RBOB PHY	OB	33,287	8,350	298.6%	10,391	220.3%	67,054	46,434	44.4%
RBOB PHY	RF	0	0	0.0%	20	-100.0%	516	125	312.8%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	0	900	-100.0%	0	0.0%	0	900	-100.0%
SHORT TERM	C15	0	0	-	0	0.0%	0	0	-
SHORT TERM	U11	0	0	0.0%	0	0.0%	250	300	-16.7%
SHORT TERM	U12	0	325	-100.0%	0	0.0%	700	535	30.8%
SHORT TERM	U13	0	100	-100.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U14	0	0	0.0%	0	0.0%	50	635	-92.1%
SHORT TERM	U15	25	0	0.0%	0	0.0%	825	275	200.0%
SHORT TERM	U22	1	0	0.0%	0	0.0%	1	1,025	-99.9%
SHORT TERM	U23	0	250	-100.0%	0	0.0%	0	580	-100.0%
SHORT TERM	U24	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U25	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U26	0	300	-100.0%	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	525	125	320.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	0	975	-100.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	0	130	-100.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	600	250	140.0%
SHORT TERM NATURAL GAS	U05	0	200	-100.0%	0	0.0%	200	625	-68.0%

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Energy Options									
SHORT TERM NATURAL GAS	U06	0	450	-100.0%	50	-100.0%	50	450	-88.9%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	300	-100.0%	600	250	140.0%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	500	1,225	-59.2%
SHORT TERM NATURAL GAS	U09	0	458	-100.0%	0	0.0%	100	734	-86.4%
SHORT TERM NATURAL GAS	U10	0	100	-100.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	100	585	-82.9%
SHORT TERM NATURAL GAS	U17	0	300	-100.0%	0	0.0%	0	520	-100.0%
SHORT TERM NATURAL GAS	U18	25	0	0.0%	0	0.0%	25	500	-95.0%
SHORT TERM NATURAL GAS	U19	0	125	-100.0%	0	0.0%	0	185	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	50	-100.0%	50	0	0.0%
SHORT TERM NATURAL GAS	U27	0	150	-100.0%	0	0.0%	0	400	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	25	-100.0%	425	100	325.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	850	25	3,300.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEND	N2	0	0	0.0%	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	46,275	140,760	-67.1%	23,700	95.3%	231,780	526,488	-56.0%
WTI CRUDE OIL 1 M CSO FI	7A	110,950	117,500	-5.6%	57,850	91.8%	261,300	321,050	-18.6%
Metals Futures									
COMEX GOLD	GC	5,096,346	6,655,061	-23.4%	6,711,526	-24.1%	22,064,221	29,931,585	-26.3%
NYMEX HOT ROLLED STEEL	HR	19,031	12,074	57.6%	13,165	44.6%	69,177	41,236	67.8%
NYMEX PLATINUM	PL	398,312	423,705	-6.0%	633,174	-37.1%	1,778,379	1,777,006	0.1%
PALLADIUM	PA	96,677	145,138	-33.4%	113,193	-14.6%	464,342	509,691	-8.9%
URANIUM	UX	1,000	27	3,603.7%	3,117	-67.9%	6,675	912	631.9%
COMEX SILVER	SI	1,920,305	2,625,756	-26.9%	1,418,526	35.4%	6,648,658	8,810,385	-24.5%
COMEX E-Mini GOLD	QO	9,214	6,988	31.9%	8,207	12.3%	28,746	28,545	0.7%
COMEX E-Mini SILVER	QI	3,970	1,201	230.6%	3,102	28.0%	10,680	4,959	115.4%
COMEX COPPER	HG	2,243,498	3,090,957	-27.4%	1,748,142	28.3%	8,449,135	11,363,326	-25.6%
COMEX MINY COPPER	QC	779	531	46.7%	534	45.9%	2,452	2,399	2.2%
ALUMINUM	A38	0	0	0.0%	0	0.0%	22	0	0.0%

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Metals Futures									
ALUMINUM	AEP	2,337	2,988	-21.8%	240	873.8%	7,865	7,036	11.8%
ALUMINUM	ALA	0	2,050	-100.0%	120	-100.0%	120	2,925	-95.9%
ALUMINUM	ALI	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AUP	6,285	11,205	-43.9%	4,600	36.6%	25,209	50,458	-50.0%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	0	205	-100.0%
ALUMINUM	EDP	1,492	174	757.5%	3,810	-60.8%	9,024	6,692	34.8%
ALUMINUM	MJP	540	1,194	-54.8%	1,315	-58.9%	2,760	7,299	-62.2%
COPPER	HGS	1,196	691	73.1%	423	182.7%	3,647	10,073	-63.8%
E-MICRO GOLD	MGC	184,890	133,405	38.6%	244,516	-24.4%	803,591	519,152	54.8%
FERROUS PRODUCTS	BUS	2,480	1,487	66.8%	579	328.3%	5,427	9,194	-41.0%
GOLD	GPS	0	0	0.0%	0	-	0	0	0.0%
Gold Kilo	GCK	0	60	-100.0%	0	0.0%	0	136	-100.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	4,431	3,589	23.5%	6,223	-28.8%	29,355	14,414	103.7%
LNDN ZINC	ZNC	117	7	1,571.4%	122	-4.1%	1,086	40	2,615.0%
SILVER	SIL	15,831	9,335	69.6%	13,899	13.9%	62,601	29,268	113.9%
Metals Options									
COMEX COPPER	HX	69,781	24,364	186.4%	65,521	6.5%	256,125	82,216	211.5%
COMEX GOLD	OG	807,033	959,339	-15.9%	1,182,883	-31.8%	3,745,065	3,842,722	-2.5%
COMEX SILVER	SO	103,575	177,207	-41.6%	124,809	-17.0%	495,918	591,200	-16.1%
COPPER	H1E	64	0	-	10	540.0%	100	0	-
COPPER	H2E	25	0	-	10	150.0%	47	0	-
COPPER	H3E	0	0	-	11	-100.0%	27	0	-
COPPER	H4E	10	0	-	10	0.0%	32	0	-
COPPER	H5E	0	0	-	10	-100.0%	10	0	-
GOLD	OG1	35,228	10,701	229.2%	19,560	80.1%	93,976	41,072	128.8%
GOLD	OG2	24,364	7,328	232.5%	35,529	-31.4%	89,835	32,524	176.2%
GOLD	OG3	18,662	8,271	125.6%	29,057	-35.8%	72,811	36,632	98.8%
GOLD	OG4	10,900	8,085	34.8%	12,444	-12.4%	37,416	23,511	59.1%
GOLD	OG5	0	0	0.0%	13,723	-100.0%	13,723	6,835	100.8%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	600	-100.0%	600	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	3,150	0	0.0%	3,240	-2.8%	6,660	200	3,230.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	1,800	0	0.0%	1,800	0.0%	3,600	1,080	233.3%
NYMEX PLATINUM	PO	4,234	941	349.9%	1,956	116.5%	14,590	12,534	16.4%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME APR 2019	VOLUME APR 2018	% CHG	VOLUME MAR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG	
Metals Options									
PALLADIUM	PAO	1,528	4,590	-66.7%	1,571	-2.7%	5,465	14,362	-61.9%
SILVER	SO1	987	121	715.7%	610	61.8%	3,534	621	469.1%
SILVER	SO2	1,462	115	1,171.3%	971	50.6%	3,354	350	858.3%
SILVER	SO3	1,131	321	252.3%	1,374	-17.7%	4,527	758	497.2%
SILVER	SO4	830	46	1,704.3%	371	123.7%	1,556	365	326.3%
SILVER	SO5	0	0	0.0%	1,305	-100.0%	1,305	133	881.2%
TOTAL FUTURES GROUP									
Ag Products Futures		0	63	-100.0%	0	0.0%	3	65	-95.4%
Energy Futures		47,088,131	48,658,509	-3.2%	41,981,760	12.2%	175,665,189	195,210,214	-10.0%
Metals Futures		10,008,731	13,127,623	-23.8%	10,928,533	-8.4%	40,473,172	53,126,936	-23.8%
TOTAL FUTURES		57,096,862	61,786,195	-7.6%	52,910,293	7.9%	216,138,364	248,337,215	-13.0%
TOTAL OPTIONS GROUP									
Energy Options		5,100,197	6,160,351	-17.2%	3,675,070	38.8%	18,683,849	27,587,148	-32.3%
Metals Options		1,084,764	1,201,429	-9.7%	1,497,375	-27.6%	4,850,276	4,687,115	3.5%
TOTAL OPTIONS		6,184,961	7,361,780	-16.0%	5,172,445	19.6%	23,534,125	32,274,263	-27.1%
TOTAL COMBINED									
Ag Products		0	63	-100.0%	0	-	3	65	-95.4%
Energy		52,188,328	54,818,860	-4.8%	45,656,830	14.3%	194,349,038	222,797,362	-12.8%
Metals		11,093,495	14,329,052	-22.6%	12,425,908	-10.7%	45,323,448	57,814,051	-21.6%
GRAND TOTAL		63,281,823	69,147,975	-8.5%	58,082,738	9.0%	239,672,489	280,611,478	-14.6%

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