



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2016	VOLUME APR 2015	% CHG	VOLUME MAR 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	182	45	304.4%	61	198.4%	870	226	285.0%
COFFEE	KT	6	47	-87.2%	21	-71.4%	72	281	-74.4%
COTTON	TT	14	61	-77.0%	6	133.3%	294	172	70.9%
SUGAR 11	YO	60	205	-70.7%	12	400.0%	242	742	-67.4%
Energy Futures									
CRUDE OIL PHY	CL	23,614,058	17,637,577	33.9%	22,954,020	2.9%	93,885,092	72,298,496	29.9%
CRUDE OIL	WS	4,930	8,653	-43.0%	2,483	98.6%	71,371	126,014	-43.4%
MINY WTI CRUDE OIL	QM	293,961	283,765	3.6%	267,886	9.7%	1,258,595	1,444,363	-12.9%
BRENT OIL LAST DAY	BZ	2,243,628	1,827,619	22.8%	1,950,757	15.0%	9,088,144	9,864,734	-7.9%
HEATING OIL PHY	HO	3,286,054	2,733,613	20.2%	2,861,799	14.8%	12,690,687	12,454,238	1.9%
HTG OIL	BH	4,345	72	5,934.7%	821	429.2%	5,166	72	7,075.0%
MINY HTG OIL	QH	8	7	14.3%	9	-11.1%	33	30	10.0%
RBOB PHY	RB	3,546,645	3,449,540	2.8%	3,723,592	-4.8%	14,474,292	13,304,240	8.8%
MINY RBOB GAS	QU	4	4	0.0%	6	-33.3%	17	22	-22.7%
NATURAL GAS	HP	95,006	65,559	44.9%	116,261	-18.3%	430,189	295,520	45.6%
LTD NAT GAS	HH	226,953	201,228	12.8%	290,945	-22.0%	1,017,553	829,375	22.7%
MINY NATURAL GAS	QG	23,014	19,937	15.4%	28,848	-20.2%	101,133	142,372	-29.0%
PJM MONTHLY	JM	64	0	0.0%	40	60.0%	718	336	113.7%
NATURAL GAS PHY	NG	8,350,104	6,141,504	36.0%	7,649,497	9.2%	29,476,391	27,028,171	9.1%
RBOB GAS	RT	1,346	1,058	27.2%	1,695	-20.6%	5,391	5,066	6.4%
3.5% FUEL OIL CID MED SWA	7D	393	10	3,830.0%	220	78.6%	1,290	205	529.3%
3.5% FUEL OIL CIF BALMO S	8D	20	8	150.0%	50	-60.0%	135	143	-5.6%
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	22	-100.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	312	-100.0%	0	0.0%	0	322	-100.0%
ALGON CITY GATES NAT GAS	N7	1,712	0	0.0%	0	-	1,712	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	610	0	0.0%	1,166	-47.7%	2,991	152	1,867.8%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0.0%	0	2,140	-100.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0.0%	2,928	3,220	-9.1%
APPALACHIAN COAL (PHY)	QL	35	556	-93.7%	70	-50.0%	105	1,695	-93.8%
ARGUS LLS VS. WTI (ARG) T	E5	8,499	9,255	-8.2%	17,261	-50.8%	50,293	33,323	50.9%
ARGUS PROPAN FAR EST INDE	7E	2,451	316	675.6%	1,004	144.1%	5,570	886	528.7%



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Energy Futures									
ARGUS PROPAN(SAUDI ARAMCO)	9N	884	684	29.2%	752	17.6%	3,679	2,248	63.7%
AUSTRIALIAN COKE COAL	ALW	451	225	100.4%	390	15.6%	1,411	927	52.2%
BRENT BALMO SWAP	J9	0	268	-100.0%	237	-100.0%	730	913	-20.0%
BRENT CALENDAR SWAP	CY	2,670	5,293	-49.6%	4,470	-40.3%	10,281	29,277	-64.9%
BRENT CFD(PLATTS) VS FRNT	1C	0	0	0.0%	0	-	0	0	0.0%
BRENT CFD SWAP	6W	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT FINANCIAL FUTURES	BB	559	963	-42.0%	335	66.9%	1,755	51,259	-96.6%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	0.0%	1,394	0	-
BRENT FINANCIAL FUTURES	MDB	86	0	-	60	43.3%	146	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%
CANADIAN LIGHT SWEET OIL	CIL	375	165	127.3%	285	31.6%	3,585	1,248	187.3%
CARBON EUA EMISSIONS EURO	RC	0	0	0.0%	0	-	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	6,636	488	1,259.8%	0	0.0%	7,270	2,628	176.6%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0.0%	0	336	-100.0%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	-	0	0.0%	0	0	-
CHICAGO ETHANOL SWAP	CU	94,168	109,897	-14.3%	98,909	-4.8%	363,464	345,148	5.3%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	242	809	-70.1%	250	-3.2%	1,292	1,889	-31.6%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	300	-100.0%	1,425	295	383.1%
CIG BASIS	CI	3,749	3,109	20.6%	1,277	193.6%	25,942	9,809	164.5%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	0.0%	930	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	0.0%	60	120	-50.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	24,000	0	0.0%	0	0.0%	162,920	117,520	38.6%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0.0%	11,000	6,365	72.8%
CIN HUB 5MW REAL TIME O P	H4	32,000	0	0.0%	208,184	-84.6%	590,704	224,192	163.5%
CIN HUB 5MW REAL TIME PK	H3	1,710	0	0.0%	16,111	-89.4%	47,236	0	0.0%
COAL SWAP	ACM	165	395	-58.2%	190	-13.2%	1,655	1,870	-11.5%
COAL SWAP	SSI	45	240	-81.3%	0	0.0%	122	1,224	-90.0%
COLUMB GULF MAINLINE NG B	5Z	1,902	3,228	-41.1%	7,640	-75.1%	13,508	13,478	0.2%
COLUMBIA GULF MAIN NAT G	L2	2,208	0	0.0%	0	0.0%	2,208	620	256.1%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	-	0	0.0%	0	0	-
COLUMBIA GULF ONSHORE	GL	0	428	-100.0%	0	0.0%	3,108	428	626.2%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	114	250	-54.4%	18	533.3%	955	410	132.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	204	156	30.8%	0	0.0%	279	336	-17.0%

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CONWAY PROPANE 5 DECIMALS SWAP	8K	8,249	3,452	139.0%	5,554	48.5%	25,890	17,502	47.9%
CRUDE OIL	LPS	5,404	7,905	-31.6%	8,238	-34.4%	22,759	8,780	159.2%
CRUDE OIL LAST DAY	26	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	0.0%	0	0	-
CRUDE OIL OUTRIGHTS	42	44	3,156	-98.6%	146	-69.9%	227	7,759	-97.1%
CRUDE OIL OUTRIGHTS	DBL	0	5,357	-100.0%	50	-100.0%	50	12,612	-99.6%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	0	205	-100.0%
CRUDE OIL OUTRIGHTS	HTT	1,232	0	-	1,200	2.7%	2,432	0	-
CRUDE OIL OUTRIGHTS	WCC	5,758	2,745	109.8%	3,585	60.6%	24,788	17,612	40.7%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	325	0	0.0%
CRUDE OIL SPRDS	KE	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL SPRDS	WTT	1,518	765	98.4%	1,515	0.2%	4,547	1,205	277.3%
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	-
DAILY PJM	NOC	0	0	-	0	0.0%	0	0	-
DAILY PJM	PAP	0	0	-	0	0.0%	0	0	-
DAILY PJM	PEO	0	0	-	0	0.0%	0	0	-
DAILY PJM	PNO	0	0	-	0	0.0%	0	0	-
DAILY PJM	PNP	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	-
DAILY PJM	ZGO	0	0	-	0	0.0%	0	0	-
DAILY PJM	ZJO	0	0	-	0	0.0%	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	8,500	-100.0%	0	0.0%	0	17,855	-100.0%
DATED TO FRONTLINE BRENT	FY	3,820	7,160	-46.6%	0	0.0%	6,860	13,911	-50.7%
DEMARCO INDEX FUTURE	DI	0	0	0.0%	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	10	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	-	0	0	0.0%
DIESEL 10PPM BARG VS ICE LS	LSE	0	0	0.0%	0	0.0%	0	0	0.0%
DOMINION TRAN INC - APP I	IH	2,635	0	-	7,192	-63.4%	11,045	0	-
DOMINION TRANSMISSION INC	PG	25,639	3,262	686.0%	15,487	65.6%	79,242	16,758	372.9%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	0	100	-100.0%

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Energy Futures									
DUBAI CRUDE OIL CALENDAR	DC	1,225	2,937	-58.3%	289	323.9%	4,096	14,531	-71.8%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	0.0%	0	0	-
EASTERN RAIL DELIVERY CSX	QX	910	1,610	-43.5%	987	-7.8%	3,997	17,450	-77.1%
EAST/WEST FUEL OIL SPREAD	EW	0	103	-100.0%	0	0.0%	36	1,740	-97.9%
EIA FLAT TAX ONHWAY DIESE	A5	861	2,685	-67.9%	1,021	-15.7%	5,762	5,172	11.4%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	0.0%	0	0	-
ELEC ERCOT DLY PEAK	I7	0	0	-	0	0.0%	0	0	-
ELEC ERCOT DLY PEAK	I9	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	N1	0	0	0.0%	0	0.0%	0	965	-100.0%
ELEC ERCOT DLY PEAK	R1	0	0	-	0	0.0%	0	0	-
ELEC ERCOT OFF PEAK	ERU	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT OFF PEAK	O1	0	0	0.0%	0	0.0%	0	17,565	-100.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	1,270	0	0.0%
ELEC FINSETTLED	49	0	0	-	0	0.0%	0	0	-
ELEC MISO PEAK	4L	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	55	0	510	-100.0%	0	0.0%	0	510	-100.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	58	0	9,408	-100.0%	0	0.0%	0	9,408	-100.0%
ELECTRICITY ERCOT PEAK	ERE	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	23,480	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	50	0	0	-	0	0.0%	0	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	0.0%	372	0	-
EMMISSIONS	CPL	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	0.0%	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	0	0.0%	0	0.0%	4,280	17,565	-75.6%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	151	-100.0%	0	0.0%	235	2,591	-90.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,033	4,150	-26.9%	1,795	69.0%	8,599	12,018	-28.4%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	0.0%	0	0.0%	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0.0%	210	21	900.0%
EURO 3.5% FUEL OIL M CRK	FL	0	0	0.0%	0	-	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	567	716	-20.8%	239	137.2%	1,438	3,524	-59.2%
EURO 3.5% FUEL OIL SPREAD	FK	486	1,348	-63.9%	692	-29.8%	2,483	5,406	-54.1%
EURO-DENOMINATED PETRO PROD	IBE	0	0	0.0%	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO PROD	MFE	0	0	0.0%	0	-	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NCP	0	200	-100.0%	0	0.0%	70	1,562	-95.5%

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EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0.0%	3	6	-50.0%
EURO GASOIL 10PPM VS ICE	ET	120	0	0.0%	90	33.3%	295	138	113.8%
EUROPE 1% FUEL OIL NWE CA	UF	148	214	-30.8%	159	-6.9%	684	644	6.2%
EUROPE 1% FUEL OIL RDAM C	UH	13	30	-56.7%	0	0.0%	114	160	-28.8%
EUROPE 3.5% FUEL OIL MED	UI	585	10	5,750.0%	358	63.4%	1,782	544	227.6%
EUROPE 3.5% FUEL OIL RDAM	UV	5,539	10,866	-49.0%	6,763	-18.1%	26,399	53,176	-50.4%
EUROPEAN GASOIL (ICE)	7F	157,909	7,971	1,881.0%	283,494	-44.3%	1,268,060	49,277	2,473.3%
EUROPEAN NAPHTHA BALMO	KZ	152	72	111.1%	187	-18.7%	638	375	70.1%
EUROPEAN NAPHTHA CRACK SPR	EN	3,369	6,541	-48.5%	3,506	-3.9%	14,190	37,065	-61.7%
EUROPE DATED BRENT SWAP	UB	50	3,000	-98.3%	150	-66.7%	11,828	13,695	-13.6%
EUROPE JET KERO NWE CALSW	UJ	0	54	-100.0%	20	-100.0%	38	344	-89.0%
EUROPE NAPHTHA CALSWAP	UN	1,312	1,122	16.9%	1,581	-17.0%	4,623	7,337	-37.0%
EURO PROPANE CIF ARA SWA	PS	1,562	317	392.7%	927	68.5%	4,162	1,258	230.8%
FLORIDA GAS ZONE3 BASIS S	FP	184	1,588	-88.4%	552	-66.7%	736	10,942	-93.3%
FREIGHT MARKETS	FLP	192	30	540.0%	48	300.0%	847	66	1,183.3%
FREIGHT MARKETS	FRC	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	4,810	2,607	84.5%	4,539	6.0%	16,862	16,088	4.8%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	0	306	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	33	-100.0%	161	135	19.3%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	36	-100.0%	54	120	-55.0%
FUELOIL SWAP:CARGOES VS.B	FS	464	292	58.9%	346	34.1%	2,202	2,968	-25.8%
GAS EURO-BOB OXY NWE BARGES	7H	7,695	6,644	15.8%	5,889	30.7%	31,215	35,182	-11.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	13,070	14,393	-9.2%	13,181	-0.8%	62,975	87,247	-27.8%
GASOIL 0.1 BRGS FOB VS IC	6V	5	0	0.0%	1	400.0%	6	1	500.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF MED BALMO	X6	0	0	-	0	0.0%	0	0	-
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	0.0%	60	0	-
GASOIL 0.1CIF MED VS ICE	Z5	0	16	-100.0%	0	0.0%	80	71	12.7%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0.0%	0	155	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	5	0	0.0%	0	-	5	0	0.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0.0%	5	10	-50.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	10	0	0.0%	9	11.1%	49	50	-2.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL 10P CRG CIF NW VS	3V	0	10	-100.0%	0	0.0%	10	40	-75.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0.0%	3	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	45	-100.0%	30	-100.0%	54	702	-92.3%

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Commodity		VOLUME APR 2016	VOLUME APR 2015	% CHG	VOLUME MAR 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Futures									
GASOIL BULLET SWAP	BG	0	0	0.0%	0	-	0	0	0.0%
GASOIL CALENDAR SWAP	GX	132	11	1,100.0%	48	175.0%	200	156	28.2%
GASOIL CRACK SPREAD CALEN	GZ	3,880	3,037	27.8%	1,640	136.6%	7,468	26,433	-71.7%
GASOIL MINI CALENDAR SWAP	QA	173	358	-51.7%	239	-27.6%	997	1,284	-22.4%
GASOLINE UP-DOWN (ARGUS)	UZ	0	0	0.0%	0	-	0	0	0.0%
GASOLINE UP-DOWN BALMO SW	1K	0	575	-100.0%	250	-100.0%	810	3,875	-79.1%
GC ULSD VS GC JET SPREAD	VV	0	0	0.0%	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	0	200	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	1,590	2,720	-41.5%	1,690	-5.9%	8,985	13,714	-34.5%
GRP THREE UNL GS (PLT) VS	A8	750	970	-22.7%	710	5.6%	4,740	4,712	0.6%
GULF COAST 3% FUEL OIL BA	VZ	1,015	1,049	-3.2%	1,063	-4.5%	4,051	6,185	-34.5%
GULF COAST GASOLINE CLNDR	GS	0	880	-100.0%	0	0.0%	1,300	2,765	-53.0%
GULF COAST JET FUEL CLNDR	GE	410	60	583.3%	0	0.0%	533	2,336	-77.2%
GULF COAST JET VS NYM 2 H	ME	32,116	25,809	24.4%	36,505	-12.0%	128,563	87,513	46.9%
GULF COAST NO.6 FUEL OIL	MF	56,300	69,160	-18.6%	61,437	-8.4%	247,495	325,862	-24.0%
GULF COAST NO.6 FUEL OIL	MG	72	3,135	-97.7%	1,516	-95.3%	4,338	7,596	-42.9%
GULF COAST ULSD CALENDAR	LY	835	1,702	-50.9%	906	-7.8%	3,889	4,694	-17.1%
GULF COAST ULSD CRACK SPR	GY	1,497	0	0.0%	225	565.3%	3,447	1,025	236.3%
HEATING OIL BALMO CLNDR S	1G	45	120	-62.5%	0	0.0%	220	120	83.3%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL VS ICE GASOIL	HA	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	43,226	6,704	544.8%	18,654	131.7%	118,109	33,000	257.9%
HENRY HUB INDEX SWAP FUTU	IN	42,126	6,704	528.4%	18,654	125.8%	110,932	24,440	353.9%
HENRY HUB SWAP	NN	464,774	427,998	8.6%	505,209	-8.0%	2,128,069	1,910,389	11.4%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0.0%	290	0	0.0%
HOUSTON SHIP CHANNEL BASI	NH	124	6,862	-98.2%	1,042	-88.1%	12,848	18,218	-29.5%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	0.0%	0	0	-
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	10	-100.0%	10	7,250	-99.9%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
IN DELIVERY MONTH EUA	6T	1,826	15,456	-88.2%	2,000	-8.7%	14,326	52,144	-72.5%
INDIANA MISO	FAD	0	0	-	0	0.0%	0	0	-
INDIANA MISO	FDM	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FTD	0	0	-	0	0.0%	0	0	-
INDIANA MISO	FTM	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	0	0	-	0	0.0%	0	0	-

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Energy Futures									
INDIANA MISO	PDM	0	170	-100.0%	0	0.0%	0	2,240	-100.0%
INDIANA MISO	PTD	0	0	-	0	0.0%	0	0	-
INDIANA MISO	PTM	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	155	-100.0%	15	-100.0%	60	970	-93.8%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	20	-100.0%	20	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	229	0	0.0%	253	-9.5%	2,141	910	135.3%
JAPAN C&F NAPHTHA SWAP	JA	886	1,014	-12.6%	1,224	-27.6%	4,678	4,171	12.2%
JAPAN NAPHTHA BALMO SWAP	E6	20	58	-65.5%	175	-88.6%	287	275	4.4%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	19	29	-34.5%	0	0.0%	44	136	-67.6%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0.0%	22	0	0.0%
JET CIF NWE VS ICE	JC	115	24	379.2%	86	33.7%	300	516	-41.9%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	2	0	0.0%
JET FUEL CARGOES CIF NEW	F3	0	0	0.0%	0	-	0	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0.0%	30	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	4,773	2,175	119.4%	3,500	36.4%	15,813	8,313	90.2%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	935	470	98.9%	1,900	-50.8%	3,152	1,791	76.0%
LA CARBOB GASOLINE(OPIS)S	JL	225	950	-76.3%	1,050	-78.6%	4,000	2,375	68.4%
LA JET FUEL VS NYM NO 2 H	MQ	25	75	-66.7%	102	-75.5%	685	115	495.7%
LA JET (OPIS) SWAP	JS	1,750	675	159.3%	2,312	-24.3%	7,162	2,825	153.5%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	4,910	13,315	-63.1%	8,143	-39.7%	25,294	45,806	-44.8%
MARS (ARGUS) VS WTI SWAP	YX	4,700	7,711	-39.0%	3,695	27.2%	25,593	23,000	11.3%
MARS (ARGUS) VS WTI TRD M	YV	6,865	2,325	195.3%	8,375	-18.0%	35,972	7,181	400.9%
MARS BLEND CRUDE OIL	MB	438	0	-	2,180	-79.9%	4,409	0	-
MCCLOSKEY ARA ARGS COAL	MTF	194,340	116,558	66.7%	191,447	1.5%	825,356	642,823	28.4%
MCCLOSKEY RCH BAY COAL	MFF	18,847	14,245	32.3%	24,414	-22.8%	102,230	83,266	22.8%
MGF FUT	MGF	40	0	0.0%	0	0.0%	100	0	0.0%
MGN1 SWAP FUT	MGN	111	102	8.8%	103	7.8%	656	627	4.6%
MICHIGAN BASIS	NF	3,786	730	418.6%	122	3,003.3%	7,533	1,034	628.5%
MICHIGAN HUB OFF-PEAK MON	HJ	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN HUB PEAK MONTH S	HM	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0.0%	127,640	117,520	8.6%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	7,240	6,365	13.7%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	426	357	19.3%	244	74.6%	1,563	1,553	0.6%

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Energy Futures									
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	590	-100.0%	0	0.0%	696	2,330	-70.1%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,109	898	23.5%	1,480	-25.1%	4,420	3,098	42.7%
MISO 5MW OFF PEAK	4R	0	0	0.0%	0	-	0	0	0.0%
MISO 5MW PEAK	4Q	0	0	0.0%	0	-	0	0	0.0%
MJB FUT	MJB	0	10	-100.0%	0	0.0%	0	10	-100.0%
MJC FUT	MJC	70	80	-12.5%	100	-30.0%	368	190	93.7%
MNC FUT	MNC	4,238	4,435	-4.4%	4,272	-0.8%	16,399	18,721	-12.4%
MONT BELVIEU ETHANE 5 DECIMAL	C0	49,524	3,465	1,329.3%	40,182	23.2%	145,088	24,673	488.0%
MONT BELVIEU ETHANE OPIS BALMO	8C	65	275	-76.4%	150	-56.7%	480	1,500	-68.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	84,996	29,921	184.1%	82,776	2.7%	350,515	166,429	110.6%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	107	217	-50.7%	1,118	-90.4%	1,996	3,014	-33.8%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	6,409	5,871	9.2%	8,338	-23.1%	36,945	30,487	21.2%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	213	1,045	-79.6%	272	-21.7%	838	1,830	-54.2%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	17,438	19,517	-10.7%	33,712	-48.3%	98,504	63,722	54.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	165	229	-27.9%	492	-66.5%	2,380	1,459	63.1%
NAT GAS BASIS SWAP	SGW	0	0	-	0	0.0%	0	0	-
NAT GAS BASIS SWAP	TZ6	3,786	0	0.0%	2,350	61.1%	10,034	0	0.0%
NATURAL GAS	XAC	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS	XSC	0	0	-	0	0.0%	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	-	0	0.0%	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	-	0	0.0%	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	-	0	0.0%	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	-	0	0.0%	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	-	0	0.0%	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	0	0	-	0	0.0%	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	-	0	0.0%	0	0	-
NATURAL GAS INDEX	TZI	0	0	0.0%	610	-100.0%	610	0	0.0%
NATURAL GAS PEN SWP	NP	80,179	149,506	-46.4%	138,870	-42.3%	439,935	965,673	-54.4%
NEPOOL CNCTCT 5MW D AH O	P3	11,925	0	0.0%	0	0.0%	11,925	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	635	0	0.0%	0	0.0%	635	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	11,925	0	0.0%	20,512	-41.9%	56,997	14,088	304.6%
NEPOOL INTR HUB 5MW D AH	U6	635	0	0.0%	2,325	-72.7%	3,470	862	302.6%
NEPOOL MAINE 5MW D AH O E	W2	0	0	0.0%	0	-	0	0	0.0%
NEPOOL MAINE 5MW D AH PK	P9	0	0	0.0%	0	-	0	0	0.0%
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	200	-100.0%	640	-100.0%	640	600	6.7%

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Energy Futures									
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D AH	U3	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	862	-100.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0.0%	0	14,088	-100.0%
NEPOOL SE MASS 5MW D AH O	P5	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH P	P4	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	8,480	-100.0%	4,000	-100.0%	4,000	8,480	-52.8%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	1,685	-100.0%	1,685	0	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	0.0%	0	0	-
NEW YORK ETHANOL SWAP	EZ	1,090	325	235.4%	2,100	-48.1%	8,840	2,700	227.4%
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	-
NGPL MID-CONTINENT	NL	5,222	1,716	204.3%	904	477.7%	18,822	11,245	67.4%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0.0%	4,280	180	2,277.8%
NGPL TEX/OK	PD	1,984	9,026	-78.0%	1,087	82.5%	20,060	17,175	16.8%
NGPL TEXOK INDEX	OI	0	186	-100.0%	0	0.0%	0	186	-100.0%
NGPL TEXOK SWING SWAP	OX	0	0	0.0%	0	-	0	0	0.0%
N ILLINOIS HUB DAILY	UD	0	0	-	0	0.0%	0	0	-
N ILLINOIS HUB MTHLY	UM	0	30	-100.0%	0	0.0%	0	30	-100.0%
NO 2 UP-DOWN SPREAD CALEN	UT	100	325	-69.2%	0	0.0%	2,375	2,100	13.1%
NORTHEN NATURAL GAS DEMAR	PE	684	676	1.2%	276	147.8%	1,047	1,038	0.9%
NORTHEN NATURAL GAS VENTU	PF	2,467	456	441.0%	951	159.4%	4,076	2,009	102.9%
NORTHERN ILLINOIS OFF-PEA	UO	0	42	-100.0%	0	0.0%	0	42	-100.0%
NORTHWEST ROCKIES BASIS S	NR	23,616	7,430	217.8%	15,566	51.7%	81,071	27,865	190.9%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	2,188	2,115	3.5%	2,415	-9.4%	8,003	10,106	-20.8%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	44	-100.0%	189	0	0.0%
NY 3.0% FUEL OIL (PLATTS	H1	125	225	-44.4%	275	-54.5%	725	1,045	-30.6%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	30	-100.0%	30	50	-40.0%
NY HARBOR HEAT OIL SWP	MP	927	4,320	-78.5%	4,635	-80.0%	11,860	20,901	-43.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	1,725	552	212.5%	225	666.7%	2,850	2,767	3.0%
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	3,036	4,185	-27.5%	2,719	11.7%	18,568	20,379	-8.9%
NY HARBOR RESIDUAL FUEL C	ML	0	100	-100.0%	0	0.0%	0	100	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	896	174	414.9%	1,196	-25.1%	4,938	11,185	-55.9%
NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	0.0%	0	835	-100.0%

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Energy Futures									
NYISO A	KA	0	0	0.0%	0	0.0%	0	982	-100.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	0.0%	0	440	-100.0%
NYISO CAPACITY	NNC	30	170	-82.4%	330	-90.9%	567	772	-26.6%
NYISO CAPACITY	NRS	185	58	219.0%	324	-42.9%	758	1,518	-50.1%
NYISO G	KG	0	0	0.0%	0	0.0%	0	321	-100.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	0.0%	0	150	-100.0%
NYISO J	KJ	86	639	-86.5%	86	0.0%	172	1,497	-88.5%
NYISO J OFF-PEAK	KK	40	180	-77.8%	40	0.0%	80	540	-85.2%
NYISO ZONE A 5MW D AH O P	K4	70,440	9,408	648.7%	97,920	-28.1%	193,440	237,696	-18.6%
NYISO ZONE A 5MW D AH PK	K3	210	510	-58.8%	430	-51.2%	640	4,685	-86.3%
NYISO ZONE C 5MW D AH O P	A3	0	0	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	0.0%
NYISO ZONE G 5MW D AH O P	D2	100,840	11,600	769.3%	82,560	22.1%	280,750	11,600	2,320.3%
NYISO ZONE G 5MW D AH PK	T3	945	3,920	-75.9%	2,408	-60.8%	11,829	6,560	80.3%
NYISO ZONE J 5MW D AH O P	D4	9,352	11,680	-19.9%	0	0.0%	102,952	11,680	781.4%
NYISO ZONE J 5MW D AH PK	D3	512	650	-21.2%	1,075	-52.4%	7,767	650	1,094.9%
NY JET FUEL (ARGUS) VS HEATING OIL	5U	0	0	0.0%	0	-	0	0	0.0%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	0.0%	0	0.0%	0	1,630	-100.0%
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%	0	0.0%	0	495	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	12	300	-96.0%	489	-97.5%	2,542	14,036	-81.9%
ONEOK OKLAHOMA NG BASIS	8X	186	0	0.0%	306	-39.2%	945	852	10.9%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0.0%	160	0	0.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0.0%	3,750	141,040	-97.3%
ONTARIO POWER SWAPS	OPD	20	30	-33.3%	20	0.0%	90	40	125.0%
ONTARIO POWER SWAPS	OPM	210	0	0.0%	0	0.0%	440	7,890	-94.4%
PANHANDLE BASIS SWAP FUTU	PH	11,777	13,049	-9.7%	3,874	204.0%	32,360	35,329	-8.4%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	0.0%	558	0	-
PANHANDLE PIPE SWAP	XH	0	0	-	0	0.0%	0	0	-
PERMIAN BASIS SWAP	PM	3,298	2,627	25.5%	1,398	135.9%	14,075	4,917	186.3%
PETROCHEMICALS	22	101	16	531.3%	27	274.1%	198	68	191.2%
PETROCHEMICALS	32	19	26	-26.9%	31	-38.7%	170	178	-4.5%
PETROCHEMICALS	51	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	8I	107	1,697	-93.7%	42	154.8%	886	2,677	-66.9%
PETROCHEMICALS	91	338	37	813.5%	95	255.8%	554	119	365.5%

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Energy Futures									
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	20	42	-52.4%
PETROCHEMICALS	LPE	0	30	-100.0%	0	0.0%	0	60	-100.0%
PETROCHEMICALS	MAC	0	0	-	80	-100.0%	110	0	-
PETROCHEMICALS	MAE	50	20	150.0%	70	-28.6%	140	90	55.6%
PETROCHEMICALS	MAS	30	40	-25.0%	20	50.0%	200	170	17.6%
PETROCHEMICALS	MBE	2,590	1,935	33.9%	5,105	-49.3%	10,485	7,015	49.5%
PETROCHEMICALS	MNB	505	1,683	-70.0%	2,097	-75.9%	5,228	5,767	-9.3%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0.0%	1,050	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	0	280	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	0	90	-100.0%
PETRO CRCKS & SPRDS NA	CBA	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	58	0	0.0%	110	-47.3%	228	546	-58.2%
PETRO CRCKS & SPRDS NA	EXR	1,514	1,235	22.6%	1,430	5.9%	5,903	4,896	20.6%
PETRO CRCKS & SPRDS NA	FOC	875	250	250.0%	725	20.7%	2,700	1,250	116.0%
PETRO CRCKS & SPRDS NA	GBB	175	50	250.0%	0	0.0%	175	50	250.0%
PETRO CRCKS & SPRDS NA	GCC	50	0	-	300	-83.3%	1,125	0	-
PETRO CRCKS & SPRDS NA	GCI	683	2,713	-74.8%	1,290	-47.1%	2,898	5,854	-50.5%
PETRO CRCKS & SPRDS NA	GCM	17	0	-	0	0.0%	35	0	-
PETRO CRCKS & SPRDS NA	GCU	9,681	10,410	-7.0%	5,473	76.9%	33,953	62,476	-45.7%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS NA	HOB	3,057	4,895	-37.5%	8,858	-65.5%	18,959	17,517	8.2%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	NFC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	200	0	0.0%	0	0.0%	420	0	0.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	100	1,200	-91.7%
PETRO CRCKS & SPRDS NA	NYH	300	0	0.0%	0	-	300	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	8,156	11,969	-31.9%	5,821	40.1%	35,377	57,896	-38.9%
PETRO CRCKS & SPRDS NA	RVG	6,861	0	0.0%	7,988	-14.1%	27,189	1,790	1,418.9%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	0.0%	19	0	-
PETRO CRK&SPRD EURO	1NB	1,005	2,281	-55.9%	1,510	-33.4%	8,512	8,911	-4.5%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	0.0%	0	0	-
PETRO CRK&SPRD EURO	43	158	904	-82.5%	400	-60.5%	709	1,893	-62.5%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	30	-100.0%
PETRO CRK&SPRD EURO	BOB	2,003	1,777	12.7%	1,757	14.0%	9,145	7,591	20.5%
PETRO CRK&SPRD EURO	EBF	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EOB	10	102	-90.2%	16	-37.5%	70	237	-70.5%

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Energy Futures									
PETRO CRK&SPRD EURO	EPN	320	21	1,423.8%	100	220.0%	654	79	727.8%
PETRO CRK&SPRD EURO	EVC	2,212	1,525	45.0%	1,371	61.3%	5,498	9,348	-41.2%
PETRO CRK&SPRD EURO	FBT	190	20	850.0%	20	850.0%	360	340	5.9%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	25	-100.0%	560	523	7.1%
PETRO CRK&SPRD EURO	GOC	39	39	0.0%	0	0.0%	39	545	-92.8%
PETRO CRK&SPRD EURO	GRB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	GRS	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	LSU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	84	-100.0%	0	0.0%	0	280	-100.0%
PETRO CRK&SPRD EURO	MUD	61	156	-60.9%	58	5.2%	416	364	14.3%
PETRO CRK&SPRD EURO	NBB	5	22	-77.3%	27	-81.5%	80	22	263.6%
PETRO CRK&SPRD EURO	NOB	116	89	30.3%	505	-77.0%	1,234	513	140.5%
PETRO CRK&SPRD EURO	NYG	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	SFB	0	15	-100.0%	0	0.0%	25	15	66.7%
PETRO CRK&SPRD EURO	SFC	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	D43	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D44	0	0	0.0%	0	0.0%	0	34	-100.0%
PETROLEUM PRODUCTS	D45	0	0	-	0	0.0%	0	0	-
PETROLEUM PRODUCTS	D63	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D64	0	0	0.0%	0	0.0%	0	169	-100.0%
PETROLEUM PRODUCTS	D65	0	5	-100.0%	0	0.0%	0	5	-100.0%
PETROLEUM PRODUCTS	EWB	0	5	-100.0%	0	0.0%	0	10	-100.0%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	50	-100.0%	50	6	733.3%
PETROLEUM PRODUCTS	MBS	0	0	-	0	0.0%	471	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	150	-100.0%	1,178	0	-
PETROLEUM PRODUCTS	RMG	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	RMK	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS ASIA	E6M	205	58	253.4%	30	583.3%	362	460	-21.3%
PETROLEUM PRODUCTS ASIA	MJN	1,291	1,758	-26.6%	1,483	-12.9%	4,715	7,210	-34.6%
PETRO OUTRIGHT EURO	0A	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTRIGHT EURO	0B	294	160	83.7%	50	488.0%	669	590	13.4%
PETRO OUTRIGHT EURO	0C	10	0	0.0%	56	-82.1%	76	0	0.0%
PETRO OUTRIGHT EURO	0D	4,686	3,558	31.7%	5,464	-14.2%	18,992	16,623	14.3%
PETRO OUTRIGHT EURO	0E	1,259	165	663.0%	1,061	18.7%	3,604	1,655	117.8%
PETRO OUTRIGHT EURO	0F	970	1,333	-27.2%	1,163	-16.6%	3,903	4,562	-14.4%

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Energy Futures									
PETRO OUTFRIGHT EURO	1T	0	30	-100.0%	20	-100.0%	20	41	-51.2%
PETRO OUTFRIGHT EURO	33	42	0	0.0%	0	0.0%	164	347	-52.7%
PETRO OUTFRIGHT EURO	59	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	5L	105	80	31.3%	30	250.0%	400	522	-23.4%
PETRO OUTFRIGHT EURO	63	195	125	56.0%	155	25.8%	537	422	27.3%
PETRO OUTFRIGHT EURO	6L	0	0	0.0%	0	0.0%	0	16	-100.0%
PETRO OUTFRIGHT EURO	7I	270	343	-21.3%	50	440.0%	700	905	-22.7%
PETRO OUTFRIGHT EURO	7P	0	0	0.0%	0	0.0%	0	40	-100.0%
PETRO OUTFRIGHT EURO	7R	273	326	-16.3%	130	110.0%	998	1,545	-35.4%
PETRO OUTFRIGHT EURO	88	15	0	0.0%	5	200.0%	20	158	-87.3%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	CGB	0	30	-100.0%	0	0.0%	6	30	-80.0%
PETRO OUTFRIGHT EURO	CPB	107	36	197.2%	10	970.0%	187	49	281.6%
PETRO OUTFRIGHT EURO	EFF	75	14	435.7%	98	-23.5%	281	149	88.6%
PETRO OUTFRIGHT EURO	EFM	0	71	-100.0%	15	-100.0%	90	375	-76.0%
PETRO OUTFRIGHT EURO	ENS	82	60	36.7%	100	-18.0%	508	385	31.9%
PETRO OUTFRIGHT EURO	EWN	125	105	19.0%	308	-59.4%	587	348	68.7%
PETRO OUTFRIGHT EURO	FBD	0	0	0.0%	0	0.0%	0	24	-100.0%
PETRO OUTFRIGHT EURO	MBB	0	0	0.0%	0	0.0%	34	125	-72.8%
PETRO OUTFRIGHT EURO	MBN	1,126	290	288.3%	1,237	-9.0%	4,327	4,022	7.6%
PETRO OUTFRIGHT EURO	RBF	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	SMU	0	400	-100.0%	0	0.0%	0	500	-100.0%
PETRO OUTFRIGHT EURO	T0	65	60	8.3%	27	140.7%	187	1,297	-85.6%
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	90	-100.0%	90	1,550	-94.2%
PETRO OUTFRIGHT EURO	V0	0	475	-100.0%	0	0.0%	0	1,929	-100.0%
PETRO OUTFRIGHT EURO	W0	0	0	0.0%	50	-100.0%	50	0	0.0%
PETRO OUTFRIGHT EURO	X0	0	0	0.0%	0	0.0%	0	522	-100.0%
PETRO OUTFRIGHT EURO	Y0	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO OUTFRIGHT NA	5Y	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	DBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	FCB	89	288	-69.1%	41	117.1%	226	1,184	-80.9%
PETRO OUTFRIGHT NA	FOB	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTFRIGHT NA	FOM	0	32	-100.0%	0	0.0%	3	47	-93.6%
PETRO OUTFRIGHT NA	JE	0	0	0.0%	115	-100.0%	439	0	0.0%
PETRO OUTFRIGHT NA	JET	1,550	1,100	40.9%	2,355	-34.2%	7,170	1,200	497.5%
PETRO OUTFRIGHT NA	MBL	0	194	-100.0%	0	0.0%	0	597	-100.0%

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Energy Futures									
PETRO OUTRIGHT NA	MEN	828	760	8.9%	835	-0.8%	3,369	2,442	38.0%
PETRO OUTRIGHT NA	MEO	8,899	9,828	-9.5%	8,282	7.4%	36,962	37,025	-0.2%
PETRO OUTRIGHT NA	MFD	44	0	0.0%	60	-26.7%	300	15	1,900.0%
PETRO OUTRIGHT NA	MMF	259	74	250.0%	110	135.5%	668	858	-22.1%
PETRO OUTRIGHT NA	NYB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	NYT	0	25	-100.0%	0	0.0%	0	25	-100.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0.0%	0	0	0.0%
PGE&E CITYGATE	PC	0	0	0.0%	0	-	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	35,370	0	0.0%	388,526	-90.9%	690,936	7,808	8,749.1%
PJM AD HUB 5MW REAL TIME	Z9	9,100	0	0.0%	13,090	-30.5%	40,724	0	0.0%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AECO DA PEAK	Y1	0	0	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	0.0%
PJM APS ZONE DA PEAK	S4	0	0	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	23,400	0	0.0%	0	0.0%	23,400	0	0.0%
PJM BGE DA PEAK	E3	1,275	0	0.0%	0	0.0%	1,275	0	0.0%
PJM COMED 5MW D AH O PK	D9	93,600	0	0.0%	93,600	0.0%	187,200	0	0.0%
PJM COMED 5MW D AH PK	D8	5,100	0	0.0%	5,100	0.0%	10,200	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	8,000	0	0.0%	9,555	-16.3%	21,305	7,808	172.9%
PJM DAYTON DA PEAK	D7	0	0	0.0%	535	-100.0%	765	0	0.0%
PJM DPL DA OFF-PEAK	E8	0	0	0.0%	0	-	0	0	0.0%
PJM DPL DA PEAK	L8	0	0	0.0%	0	-	0	0	0.0%
PJM DUQUESNE 5MW D AH PK	D5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DUQUS 5MW D AH O PK	D6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM EASTERNH DA PEAK	E9	0	0	0.0%	0	-	0	0	0.0%
PJM JCPL DA OFF-PEAK	F2	0	0	0.0%	0	0.0%	0	3,680	-100.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	9,800	0	0.0%	4,138	136.8%	19,043	80	23,703.8%
PJM NI HUB 5MW REAL TIME	B6	199,440	0	0.0%	130,667	52.6%	554,837	1,408	39,306.0%
PJM NILL DA OFF-PEAK	L3	121,120	3,122	3,779.6%	100,154	20.9%	298,835	19,380	1,442.0%
PJM NILL DA PEAK	N3	5,100	260	1,861.5%	5,521	-7.6%	12,948	1,104	1,072.8%
PJM OFF-PEAK LMP SWAP FUT	JP	0	312	-100.0%	0	0.0%	0	872	-100.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
PJM PEPCO DA OFF-PEAK	Q8	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PEPCO DA PEAK	R8	0	0	0.0%	0	-	0	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	46,800	0	0.0%	0	0.0%	163,800	0	0.0%
PJM PSEG DA PEAK	L6	2,550	0	0.0%	0	0.0%	5,100	0	0.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	257,400	0	0.0%	0	0.0%	417,490	0	0.0%
PJM WESTHDA PEAK	J4	14,025	0	0.0%	0	0.0%	20,960	0	0.0%
PJM WESTH RT OFF-PEAK	N9	779,925	0	0.0%	879,016	-11.3%	3,442,961	65,856	5,128.0%
PJM WESTH RT PEAK	L1	58,419	0	0.0%	63,663	-8.2%	289,729	0	0.0%
PLASTICS	PGP	501	1,565	-68.0%	390	28.5%	1,801	5,599	-67.8%
PLASTICS	PPP	0	0	0.0%	0	-	0	0	0.0%
PREMIUM UNLD 10P FOB MED	3G	480	706	-32.0%	301	59.5%	1,520	1,844	-17.6%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	0.0%	0	-	0	0	0.0%
PREMIUM UNLEAD 10PPM FOB	8G	53	138	-61.6%	15	253.3%	161	280	-42.5%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	6	-100.0%	0	0.0%	2	61	-96.7%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	36	20	80.0%	78	-53.8%	146	191	-23.6%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	0	0	0.0%	0	0.0%	949	415	128.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	11,996	6,270	91.3%	8,098	48.1%	35,052	21,149	65.7%
RBOB CALENDAR SWAP	RL	6,658	7,192	-7.4%	3,923	69.7%	21,429	24,379	-12.1%
RBOB CRACK SPREAD	RM	619	250	147.6%	793	-21.9%	7,902	3,295	139.8%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	0.0%	0	0	-
RBOB GASOLINE BALMO CLNDR	1D	24	1,461	-98.4%	160	-85.0%	2,200	4,000	-45.0%
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	59	-100.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	7,235	-100.0%	0	0.0%	9,203	36,320	-74.7%
RBOB VS HEATING OIL SWAP	RH	1,675	1,600	4.7%	856	95.7%	5,006	4,900	2.2%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	0.0%	736	0	-
SAN JUAN BASIS SWAP	NJ	11,310	1,252	803.4%	1,040	987.5%	20,966	5,089	312.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	BS	181	20	805.0%	0	0.0%	304	121	151.2%
SINGAPORE 380CST BALMO	BT	103	226	-54.4%	375	-72.5%	554	478	15.9%
SINGAPORE 380CST FUEL OIL	SE	6,062	5,977	1.4%	7,651	-20.8%	22,988	24,410	-5.8%
SINGAPORE FUEL 180CST CAL	UA	1,280	1,933	-33.8%	1,416	-9.6%	5,067	10,876	-53.4%
SINGAPORE FUEL OIL SPREAD	SD	284	645	-56.0%	720	-60.6%	1,452	3,029	-52.1%

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Energy Futures									
SINGAPORE GASOIL	MTB	255	111	129.7%	235	8.5%	1,248	545	129.0%
SINGAPORE GASOIL	MTS	3,491	3,164	10.3%	3,491	0.0%	12,722	10,428	22.0%
SINGAPORE GASOIL	STF	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0.0%	100	150	-33.3%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL BALMO	VU	12	0	0.0%	402	-97.0%	884	369	139.6%
SINGAPORE GASOIL CALENDAR	MSG	90	125	-28.0%	50	80.0%	187	6,241	-97.0%
SINGAPORE GASOIL SWAP	SG	9,414	2,134	341.1%	1,323	611.6%	14,290	13,876	3.0%
SINGAPORE GASOIL VS ICE	GA	1,030	300	243.3%	1,275	-19.2%	4,660	1,895	145.9%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	56	300	-81.3%
SINGAPORE JET KERO GASOIL	RK	805	150	436.7%	1,025	-21.5%	3,030	1,595	90.0%
SINGAPORE JET KEROSENE SW	KS	550	803	-31.5%	865	-36.4%	2,290	7,755	-70.5%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	1,350	225	500.0%	860	57.0%	2,235	1,845	21.1%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	7,380	5,740	28.6%	7,400	-0.3%	28,104	42,607	-34.0%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	20	-100.0%	20	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	775	-100.0%	0	0.0%	0	1,075	-100.0%
SING FUEL	MSD	5	0	0.0%	0	0.0%	5	0	0.0%
SOCAL BASIS SWAP	NS	0	0	0.0%	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0.0%	5,600	0	0.0%
SONAT BASIS SWAP FUTURE	SZ	368	2,388	-84.6%	0	0.0%	368	6,788	-94.6%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0.0%	522	4,280	-87.8%
SOUTH STAR TEX OKLHM KNS	8Z	264	608	-56.6%	0	0.0%	264	3,160	-91.6%
Sumas Basis Swap	NK	1,976	1,523	29.7%	515	283.7%	4,208	4,627	-9.1%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	0.0%	0	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	0	13	-100.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	15	30	-50.0%
TCO BASIS SWAP	TC	248	186	33.3%	4,017	-93.8%	13,571	8,858	53.2%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	-	0	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	1,037	-100.0%	1,037	0	0.0%
TENNESSEE 500 LEG BASIS S	NM	0	856	-100.0%	0	0.0%	0	4,550	-100.0%
TENNESSEE 500 LEG NG INDE	Y7	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 500 LEG NG SWIN	T7	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0.0%	428	1,344	-68.2%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	428	-100.0%	788	0	0.0%

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Energy Futures									
Tetco ELA Basis	TE	0	368	-100.0%	0	0.0%	0	368	-100.0%
TETCO M-3 INDEX	IX	1,352	0	0.0%	2,462	-45.1%	4,062	0	0.0%
Tetco STX Basis	TX	0	0	0.0%	0	0.0%	881	642	37.2%
TEXAS EASTERN ZONE M-3 BA	NX	10,180	1,836	454.5%	6,054	68.2%	34,983	5,688	515.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	62	-100.0%	0	0.0%	0	16,096	-100.0%
TRANSCO ZONE 1 NG BASIS	8E	0	368	-100.0%	0	0.0%	0	368	-100.0%
Transco Zone 3 Basis	CZ	0	608	-100.0%	0	0.0%	490	1,858	-73.6%
TRANSCO ZONE4 BASIS SWAP	TR	4,055	18,853	-78.5%	578	601.6%	10,705	44,159	-75.8%
TRANSCO ZONE 4 NAT GAS IN	B2	496	0	0.0%	0	0.0%	496	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	711	2,044	-65.2%	2,187	-67.5%	4,169	2,548	63.6%
TRANSCO ZONE 6 INDEX	IT	1,720	0	0.0%	2,230	-22.9%	4,554	76	5,892.1%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	-	0	0.0%	0	0	-
UCM FUT	UCM	20	0	0.0%	25	-20.0%	120	78	53.8%
ULSD 10PPM CIF MED BALMO	X7	35	0	-	0	-	35	0	-
ULSD 10PPM CIF MED SWAP	Z6	35	0	0.0%	7	400.0%	42	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	136	-100.0%	48	-100.0%	75	521	-85.6%
ULSD 10PPM CIF NW BALMO S	B1	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF VS ICE GAS	7V	0	10	-100.0%	0	0.0%	35	10	250.0%
ULSD UP-DOWN BALMO SWP	1L	5,600	1,370	308.8%	3,675	52.4%	13,110	9,136	43.5%
UP DOWN GC ULSD VS NMX HO	LT	52,226	29,429	77.5%	48,337	8.0%	211,863	144,707	46.4%
USGC UNL 87 CRACK SPREAD	RU	0	225	-100.0%	25	-100.0%	175	1,325	-86.8%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	-	0	0.0%	0	0	-
WAHA BASIS	NW	2,879	866	232.4%	1,928	49.3%	14,610	7,702	89.7%
WAHA INDEX SWAP FUTURE	IY	3,060	0	0.0%	840	264.3%	4,520	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	1,635	3,600	-54.6%	1,761	-7.2%	5,096	12,200	-58.2%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	5,785	23,221	-75.1%	7,007	-17.4%	43,377	98,572	-56.0%
WTI CALENDAR	CS	32,631	45,767	-28.7%	35,954	-9.2%	131,497	171,369	-23.3%
WTS (ARGUS) VS WTI SWAP	FF	0	7,020	-100.0%	425	-100.0%	4,220	32,094	-86.9%
WTS (ARGUS) VS WTI TRD MT	FH	1,740	2,550	-31.8%	60	2,800.0%	3,305	10,823	-69.5%
Energy Options									
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	0.0%	0	0	-
APPALACHIAN COAL	6K	0	0	0.0%	0	0.0%	0	40	-100.0%
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	-	0	0	0.0%



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Energy Options									
BRENT CALENDAR SWAP	BA	4,000	9,648	-58.5%	1,551	157.9%	6,061	127,481	-95.2%
BRENT OIL LAST DAY	BE	2,517	1,500	67.8%	5,500	-54.2%	15,666	24,617	-36.4%
BRENT OIL LAST DAY	BZO	5,217	0	-	401	1,201.0%	17,108	0	-
BRENT OIL LAST DAY	OS	1,231	2,431	-49.4%	1,232	-0.1%	6,710	27,773	-75.8%
COAL API2 INDEX	CLA	2,480	3,750	-33.9%	7,600	-67.4%	28,705	19,810	44.9%
COAL API2 INDEX	CQA	22,350	8,187	173.0%	19,900	12.3%	86,559	30,467	184.1%
COAL API2 INDEX	MTC	150	151	-0.7%	0	0.0%	150	151	-0.7%
COAL API4 INDEX	RLA	0	400	-100.0%	0	0.0%	50	1,000	-95.0%
COAL API4 INDEX	RQA	130	0	0.0%	500	-74.0%	1,330	50	2,560.0%
COAL SWAP	CPF	20	65	-69.2%	40	-50.0%	385	430	-10.5%
COAL SWAP	RPF	40	85	-52.9%	0	0.0%	46	1,785	-97.4%
CRUDE OIL 1MO	WA	190,896	255,292	-25.2%	261,051	-26.9%	840,134	900,696	-6.7%
CRUDE OIL APO	AO	21,590	64,991	-66.8%	25,383	-14.9%	87,617	456,996	-80.8%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	150	600	-75.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0.0%	0	900	-100.0%
CRUDE OIL PHY	CD	2,100	100	2,000.0%	3,025	-30.6%	11,975	8,575	39.7%
CRUDE OIL PHY	LC	23,191	43,884	-47.2%	35,909	-35.4%	198,243	206,157	-3.8%
CRUDE OIL PHY	LO	3,729,657	3,307,560	12.8%	3,607,797	3.4%	15,836,674	14,324,296	10.6%
CRUDE OIL PHY	LO1	2,007	4,122	-51.3%	8,012	-75.0%	20,418	20,624	-1.0%
CRUDE OIL PHY	LO2	3,019	1,269	137.9%	7,240	-58.3%	17,537	15,407	13.8%
CRUDE OIL PHY	LO3	71	1,534	-95.4%	1,860	-96.2%	7,245	10,495	-31.0%
CRUDE OIL PHY	LO4	4,581	3,565	28.5%	1,843	148.6%	16,160	13,006	24.3%
CRUDE OIL PHY	LO5	3,990	0	0.0%	0	0.0%	10,875	4,768	128.1%
DAILY CRUDE OIL	DNM	0	0	0.0%	0	0.0%	0	8,000	-100.0%
ELEC FINSETTLED	PML	37	0	0.0%	44	-15.9%	111	17	552.9%
ELEC MISO PEAK	9T	0	0	-	0	0.0%	0	0	-
ELEC MISO PEAK	OEM	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	N9P	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL	CE1	0	0	-	25	-100.0%	25	0	-
ETHANOL	CE3	0	0	-	25	-100.0%	25	0	-
ETHANOL SWAP	CVR	8,731	7,387	18.2%	4,078	114.1%	22,785	27,154	-16.1%
ETHANOL SWAP	GVR	950	150	533.3%	0	0.0%	1,168	330	253.9%
EURO-DENOMINATED PETRO PROD	EFB	0	0	0.0%	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NWE	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	0.0%	60	0	0.0%



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Energy Options									
GASOIL CRACK SPREAD AVG PRICE OPTION	3U	0	0	0.0%	0	0.0%	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	872	-100.0%	872	0	0.0%
HEATING OIL PHY	LB	630	691	-8.8%	20	3,050.0%	1,229	3,465	-64.5%
HEATING OIL PHY	OH	52,871	45,280	16.8%	58,192	-9.1%	227,065	239,376	-5.1%
HENRY HUB FINANCIAL LAST	E7	978	1,872	-47.8%	1,184	-17.4%	5,069	9,735	-47.9%
HO 1 MONTH CLNDR OPTIONS	FA	1,000	0	0.0%	700	42.9%	5,700	1,500	280.0%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0.0%	0	2,160	-100.0%
ISO NEW ENGLAND PK LMP	OE	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WJO	1,830	0	-	1,200	52.5%	4,530	0	-
MCCLOSKEY ARA ARGS COAL	MTO	1,200	0	0.0%	1,230	-2.4%	6,990	3,675	90.2%
MCCLOSKEY RCH BAY COAL	MFO	450	0	0.0%	900	-50.0%	1,350	1,200	12.5%
NATURAL GAS	G10	0	0	-	0	0.0%	500	0	-
NATURAL GAS 12 M CSO FIN	G7	0	0	-	0	0.0%	0	0	-
NATURAL GAS 1 M CSO FIN	G4	2,625	700	275.0%	2,500	5.0%	30,855	181,034	-83.0%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0.0%	1,000	0	0.0%
NATURAL GAS 3 M CSO FIN	G3	22,125	2,800	690.2%	28,256	-21.7%	58,182	12,110	380.4%
NATURAL GAS 5 M CSO FIN	G5	650	750	-13.3%	550	18.2%	1,200	1,700	-29.4%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	350	-100.0%	4,100	43,900	-90.7%
NATURAL GAS OPTION ON CALENDAR STRP	6J	40	2,080	-98.1%	2,100	-98.1%	11,378	6,980	63.0%
NATURAL GAS PHY	KD	38,346	16,730	129.2%	35,355	8.5%	136,902	85,211	60.7%
NATURAL GAS PHY	LN	1,543,161	1,152,181	33.9%	1,874,358	-17.7%	7,506,103	5,244,624	43.1%
NATURAL GAS PHY	ON	294,249	209,393	40.5%	251,255	17.1%	1,128,787	875,954	28.9%
NATURAL GAS PHY	ON1	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	ON2	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	ON3	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	ON4	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	ON5	0	0	-	0	0.0%	0	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	-	0	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	-	0	0.0%	250	0	-
N ROCKIES PIPE SWAP	ZR	630	726	-13.2%	720	-12.5%	1,350	726	86.0%
NY HARBOR HEAT OIL SWP	AT	2,746	7,690	-64.3%	3,844	-28.6%	24,338	50,996	-52.3%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	110	-100.0%	0	0.0%	0	110	-100.0%
NYMEX EUROPEAN GASOIL APO	F7	0	1,200	-100.0%	0	0.0%	0	1,404	-100.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	0.0%	0	0.0%	0	220	-100.0%
PETROCHEMICALS	4H	2,640	3,112	-15.2%	1,980	33.3%	7,430	4,231	75.6%
PETROCHEMICALS	4I	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Options									
PETROCHEMICALS	4J	0	0	0.0%	150	-100.0%	1,950	415	369.9%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	495	0	0.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	0	30	-100.0%
PGE CITYGATE PIPE SWAP	CW	0	0	0.0%	0	0.0%	0	0	0.0%
PJM CALENDAR STRIP	6O	0	80	-100.0%	0	0.0%	0	620	-100.0%
PJM ELECTRIC	6OO	0	0	0.0%	0	0.0%	0	0	0.0%
PJM MONTHLY	JO	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	0.0%	140	0	-
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	2,100	-100.0%	10,300	0	-
PJM WES HUB PEAK LMP 50MW	PMA	164	0	-	1,200	-86.3%	1,364	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	1,700	0	0.0%	0	-	1,700	0	0.0%
RBOB CALENDAR SWAP	RA	1,000	6,420	-84.4%	0	0.0%	2,173	8,333	-73.9%
RBOB PHY	OB	48,482	28,508	70.1%	47,042	3.1%	185,941	104,964	77.1%
RBOB PHY	RF	0	814	-100.0%	0	0.0%	20	5,250	-99.6%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	20	-100.0%	240	-100.0%	280	305	-8.2%
SAN JUAN PIPE SWAP	PJ	1,122	728	54.1%	0	0.0%	1,122	728	54.1%
SHORT TERM	U11	150	0	0.0%	225	-33.3%	1,300	855	52.0%
SHORT TERM	U12	100	0	0.0%	0	0.0%	1,530	1,010	51.5%
SHORT TERM	U13	1,036	585	77.1%	0	0.0%	2,536	835	203.7%
SHORT TERM	U14	1,400	100	1,300.0%	750	86.7%	3,225	200	1,512.5%
SHORT TERM	U15	200	0	0.0%	350	-42.9%	1,400	75	1,766.7%
SHORT TERM	U22	200	0	0.0%	650	-69.2%	1,650	25	6,500.0%
SHORT TERM	U23	0	700	-100.0%	150	-100.0%	300	1,480	-79.7%
SHORT TERM	U24	0	0	0.0%	550	-100.0%	550	300	83.3%
SHORT TERM	U25	0	0	0.0%	0	0.0%	205	625	-67.2%
SHORT TERM	U26	0	0	0.0%	0	0.0%	1,080	250	332.0%
SHORT TERM CRUDE OIL	C02	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM CRUDE OIL	C05	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U01	0	50	-100.0%	550	-100.0%	2,075	100	1,975.0%
SHORT TERM NATURAL GAS	U02	800	748	7.0%	1,175	-31.9%	2,975	1,773	67.8%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	200	-100.0%	300	1,000	-70.0%
SHORT TERM NATURAL GAS	U04	425	0	0.0%	275	54.5%	1,500	700	114.3%
SHORT TERM NATURAL GAS	U05	650	0	0.0%	0	0.0%	1,450	500	190.0%
SHORT TERM NATURAL GAS	U06	550	600	-8.3%	0	0.0%	1,280	1,425	-10.2%
SHORT TERM NATURAL GAS	U07	1,000	100	900.0%	0	0.0%	3,000	100	2,900.0%



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Commodity		VOLUME APR 2016	VOLUME APR 2015	% CHG	VOLUME MAR 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U08	347	150	131.3%	250	38.8%	1,347	650	107.2%
SHORT TERM NATURAL GAS	U09	0	700	-100.0%	300	-100.0%	1,347	2,351	-42.7%
SHORT TERM NATURAL GAS	U10	0	100	-100.0%	2,415	-100.0%	2,715	725	274.5%
SHORT TERM NATURAL GAS	U16	0	1,300	-100.0%	725	-100.0%	1,285	2,125	-39.5%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	100	-100.0%	380	685	-44.5%
SHORT TERM NATURAL GAS	U18	125	0	0.0%	600	-79.2%	1,000	25	3,900.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	780	1,920	-59.4%
SHORT TERM NATURAL GAS	U20	200	100	100.0%	0	0.0%	730	630	15.9%
SHORT TERM NATURAL GAS	U21	50	150	-66.7%	100	-50.0%	475	350	35.7%
SHORT TERM NATURAL GAS	U27	300	0	0.0%	0	0.0%	300	925	-67.6%
SHORT TERM NATURAL GAS	U28	1,200	0	0.0%	0	0.0%	1,925	0	0.0%
SHORT TERM NATURAL GAS	U29	750	50	1,400.0%	0	0.0%	2,075	300	591.7%
SHORT TERM NATURAL GAS	U30	0	1,025	-100.0%	500	-100.0%	500	2,425	-79.4%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	750	-100.0%	750	200	275.0%
SINGAPORE FUEL OIL 180 CS	C5	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALENDAR	N2	0	0	0.0%	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0.0%	10,000	0	0.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	0	0.0%	0	0.0%	0	0	0.0%
WTI 6 MONTH CALENDAR OPTI	WM	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	5,400	23,965	-77.5%	19,275	-72.0%	105,490	116,760	-9.7%
WTI CRUDE OIL 12 M CSO F	7Z	0	0	0.0%	0	-	0	0	0.0%
WTI CRUDE OIL 1 M CSO FI	7A	140,109	172,900	-19.0%	233,050	-39.9%	749,581	806,820	-7.1%
Metals Futures									
COMEX GOLD	GC	3,902,456	3,056,952	27.7%	5,720,240	-31.8%	18,094,208	14,527,105	24.6%
NYMEX HOT ROLLED STEEL	HR	8,576	6,489	32.2%	4,165	105.9%	23,024	16,634	38.4%
NYMEX PLATINUM	PL	248,758	217,744	14.2%	413,082	-39.8%	1,208,916	1,069,493	13.0%
PALLADIUM	PA	93,887	78,232	20.0%	96,917	-3.1%	432,092	425,695	1.5%
URANIUM	UX	1,120	0	0.0%	3,119	-64.1%	5,039	1,192	322.7%
COMEX SILVER	SI	1,974,067	1,431,363	37.9%	1,212,488	62.8%	5,841,179	4,482,657	30.3%
COMEX E-Mini GOLD	QO	11,692	3,561	228.3%	13,553	-13.7%	41,361	24,257	70.5%
E-MINI SILVER	6Q	0	0	0.0%	0	-	0	0	0.0%
COMEX E-Mini SILVER	QI	1,389	976	42.3%	846	64.2%	3,579	3,788	-5.5%

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Commodity		VOLUME APR 2016	VOLUME APR 2015	% CHG	VOLUME MAR 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Metals Futures									
COMEX COPPER	HG	2,018,844	1,570,837	28.5%	1,611,411	25.3%	6,709,080	5,787,465	15.9%
COMEX MINY COPPER	QC	528	687	-23.1%	1,281	-58.8%	2,830	4,500	-37.1%
Aluminium MW Trans Prem Platts	AUP	5,853	2,222	163.4%	7,910	-26.0%	25,475	6,152	314.1%
ALUMINUM	AEP	1,695	0	-	1,933	-12.3%	4,979	0	-
ALUMINUM	ALI	757	199	280.4%	683	10.8%	2,372	1,215	95.2%
ALUMINUM	EDP	144	0	-	96	50.0%	240	0	-
ALUMINUM	MJP	161	0	-	336	-52.1%	2,300	0	-
COPPER	HGS	504	150	236.0%	1,116	-54.8%	2,117	1,905	11.1%
E-MICRO GOLD	MGC	87,153	23,256	274.8%	107,614	-19.0%	350,385	113,882	207.7%
FERROUS PRODUCTS	BUS	390	550	-29.1%	0	0.0%	390	550	-29.1%
FERROUS PRODUCTS	SSF	0	0	0.0%	0	0.0%	0	0	0.0%
Gold Kilo	GCK	3,861	4,350	-11.2%	5,405	-28.6%	24,316	12,521	94.2%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	552	-100.0%	780	-100.0%	1,190	1,098	8.4%
IRON ORE 62 CHINA TSI FUTURES	TIO	19,873	14,863	33.7%	24,842	-20.0%	89,898	31,145	188.6%
LNDN ZINC	ZNC	0	0	-	0	0.0%	79	0	-
SILVER	SIL	9,938	7,788	27.6%	6,727	47.7%	30,600	40,305	-24.1%
Metals Options									
COMEX COPPER	HX	2,122	1,857	14.3%	1,869	13.5%	7,825	10,381	-24.6%
COMEX GOLD	OG	672,038	583,808	15.1%	895,757	-25.0%	3,487,488	2,512,341	38.8%
COMEX SILVER	SO	154,422	97,002	59.2%	108,157	42.8%	465,772	455,726	2.2%
COPPER	H4E	0	0	-	0	0.0%	0	0	-
GOLD	OG1	504	153	229.4%	1,567	-67.8%	3,950	1,494	164.4%
GOLD	OG2	343	668	-48.7%	1,360	-74.8%	4,325	2,234	93.6%
GOLD	OG3	702	132	431.8%	1,161	-39.5%	3,248	2,386	36.1%
GOLD	OG4	835	9	9,177.8%	165	406.1%	2,222	932	138.4%
GOLD	OG5	1,054	0	0.0%	0	0.0%	1,810	551	228.5%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	4,636	2,530	83.2%	19,355	-76.0%	31,031	6,900	349.7%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	2,940	13,560	-78.3%	5,370	-45.3%	13,230	27,120	-51.2%
NYMEX PLATINUM	PO	4,210	12,840	-67.2%	3,304	27.4%	18,338	29,825	-38.5%
PALLADIUM	PAO	2,004	2,932	-31.7%	4,190	-52.2%	12,559	17,420	-27.9%
SHORT TERM	L11	0	0	0.0%	0	-	0	0	0.0%



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Metals Options									
SHORT TERM GOLD	L02	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM GOLD	L18	0	0	0.0%	0	-	0	0	0.0%
SILVER	SO1	0	0	0.0%	0	0.0%	12	423	-97.2%
SILVER	SO2	0	2	-100.0%	1	-100.0%	1	98	-99.0%
SILVER	SO3	0	0	0.0%	5	-100.0%	5	191	-97.4%
SILVER	SO4	1	0	0.0%	0	0.0%	9	130	-93.1%
SILVER	SO5	1	0	0.0%	0	0.0%	6	197	-97.0%
TOTAL FUTURES GROUP									
Commodities and Alternative Investments Futures		262	358	-26.8%	100	162.0%	1,478	1,421	4.0%
Energy Futures		45,471,970	33,938,464	34.0%	43,971,360	3.4%	178,739,324	145,845,410	22.6%
Metals Futures		8,391,646	6,420,771	30.7%	9,234,544	-9.1%	32,895,649	26,551,559	23.9%
TOTAL FUTURES		53,863,878	40,359,593	33.5%	53,206,004	1.2%	211,636,451	172,398,390	22.8%
TOTAL OPTIONS GROUP									
Energy Options		6,202,586	5,401,279	14.8%	6,572,254	-5.6%	27,511,673	24,070,725	14.3%
Metals Options		845,812	715,493	18.2%	1,042,261	-18.8%	4,051,831	3,068,349	32.1%
TOTAL OPTIONS		7,048,398	6,116,772	15.2%	7,614,515	-7.4%	31,563,504	27,139,074	16.3%
TOTAL COMBINED									
Commodities and Alternative Investments		262	358	-26.8%	100	162.0%	1,478	1,421	4.0%
Energy		51,674,556	39,339,743	31.4%	50,543,614	2.2%	206,250,997	169,916,135	21.4%
Metals		9,237,458	7,136,264	29.4%	10,276,805	-10.1%	36,947,480	29,619,908	24.7%
GRAND TOTAL		60,912,276	46,476,365	31.1%	60,820,519	0.2%	243,199,955	199,537,464	21.9%

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