



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2016	VOLUME JUL 2015	% CHG	VOLUME JUN 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	182	158	15.2%	252	-27.8%	1,517	661	129.5%
COFFEE	KT	6	61	-90.2%	52	-88.5%	137	424	-67.7%
COTTON	TT	124	67	85.1%	38	226.3%	470	367	28.1%
SUGAR 11	YO	54	166	-67.5%	42	28.6%	378	1,041	-63.7%
Energy Futures									
CRUDE OIL PHY	CL	18,841,451	14,862,640	26.8%	20,790,104	-9.4%	155,010,664	114,708,883	35.1%
CRUDE OIL	WS	280	4,612	-93.9%	3,750	-92.5%	76,253	140,802	-45.8%
MINY WTI CRUDE OIL	QM	215,615	203,972	5.7%	257,814	-16.4%	2,045,808	2,050,493	-0.2%
BRENT OIL LAST DAY	BZ	1,634,124	2,619,158	-37.6%	1,718,859	-4.9%	14,219,424	15,913,661	-10.6%
HEATING OIL PHY	HO	3,052,514	3,024,585	0.9%	3,431,057	-11.0%	22,626,448	21,077,089	7.4%
HTG OIL	BH	116	24	383.3%	84	38.1%	5,402	96	5,527.1%
MINY HTG OIL	QH	21	11	90.9%	11	90.9%	72	59	22.0%
RBOB PHY	RB	3,426,991	3,621,411	-5.4%	4,362,328	-21.4%	26,137,740	23,908,574	9.3%
MINY RBOB GAS	QU	3	4	-25.0%	4	-25.0%	27	35	-22.9%
NATURAL GAS	HP	148,041	85,832	72.5%	184,715	-19.9%	868,891	530,615	63.8%
LTD NAT GAS	HH	176,514	214,059	-17.5%	236,232	-25.3%	1,608,546	1,509,737	6.5%
MINY NATURAL GAS	QG	24,762	22,444	10.3%	25,486	-2.8%	174,111	208,272	-16.4%
PJM MONTHLY	JM	40	1,826	-97.8%	180	-77.8%	2,898	2,642	9.7%
NATURAL GAS PHY	NG	6,769,102	6,403,869	5.7%	8,875,175	-23.7%	52,210,723	47,801,158	9.2%
RBOB GAS	RT	1,526	902	69.2%	984	55.1%	8,901	8,098	9.9%
3.5% FUEL OIL CID MED SWA	7D	121	10	1,110.0%	131	-7.6%	1,751	255	586.7%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0.0%	165	143	15.4%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	240	500	-52.0%	0	0.0%	240	522	-54.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	620	-100.0%	0	0.0%	0	942	-100.0%
ALGON CITY GATES NAT GAS	N7	1,580	0	0.0%	0	0.0%	5,740	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	1,588	541	193.5%	536	196.3%	5,417	725	647.2%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0.0%	0	2,140	-100.0%
ANR OKLAHOMA	NE	248	2,630	-90.6%	123	101.6%	3,539	6,555	-46.0%
APPALACHIAN COAL (PHY)	QL	0	33	-100.0%	0	0.0%	130	2,262	-94.3%
ARGUS LLS VS. WTI (ARG) T	E5	14,270	7,507	90.1%	14,079	1.4%	97,655	56,376	73.2%
ARGUS PROPAN FAR EST INDE	7E	1,671	396	322.0%	1,713	-2.5%	10,993	2,162	408.5%

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Energy Futures									
ARGUS PROPAN(SAUDI ARAMCO	9N	719	309	132.7%	1,276	-43.7%	6,908	3,440	100.8%
AUSTRIALIAN COKE COAL	ALW	131	229	-42.8%	201	-34.8%	2,873	1,601	79.5%
BRENT BALMO SWAP	J9	40	420	-90.5%	0	0.0%	810	4,080	-80.1%
BRENT CALENDAR SWAP	CY	2,919	2,590	12.7%	2,068	41.2%	16,917	47,916	-64.7%
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	260	1,596	-83.7%	72	261.1%	2,087	61,469	-96.6%
BRENT FINANCIAL FUTURES	MBC	0	0	-	30	-100.0%	1,424	0	-
BRENT FINANCIAL FUTURES	MDB	105	300	-65.0%	0	0.0%	413	330	25.2%
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	90	375	-76.0%	2,365	-96.2%	13,185	2,763	377.2%
CARBON EUA EMISSIONS EURO	RC	0	0	0.0%	0	-	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	906	2,920	-69.0%	72	1,158.3%	9,950	18,158	-45.2%
CENTERPOINT EAST INDEX	II	740	341	117.0%	0	0.0%	740	677	9.3%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	32	-100.0%	0	0.0%	0	32	-100.0%
CHICAGO ETHANOL SWAP	CU	97,755	88,093	11.0%	124,516	-21.5%	674,621	648,170	4.1%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	460	588	-21.8%	85	441.2%	1,837	2,990	-38.6%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	1,600	320	400.0%
CIG BASIS	CI	5,386	0	0.0%	5,980	-9.9%	53,823	14,509	271.0%
CIG ROCKIES NG INDEX SWA	Z8	124	0	-	0	0.0%	1,054	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	120	-100.0%	0	0.0%	60	240	-75.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	112,640	0	0.0%	0	0.0%	275,560	117,520	134.5%
CIN HUB 5MW D AH PK	H5	1,566	266	488.7%	5,468	-71.4%	18,414	7,493	145.7%
CIN HUB 5MW REAL TIME O P	H4	168,360	0	0.0%	113,760	48.0%	966,584	224,192	331.1%
CIN HUB 5MW REAL TIME PK	H3	4,350	2,145	102.8%	5,690	-23.6%	60,456	2,145	2,718.5%
COAL SWAP	ACM	60	40	50.0%	0	0.0%	1,730	2,580	-32.9%
COAL SWAP	SSI	20	496	-96.0%	0	0.0%	157	2,431	-93.5%
COLUMB GULF MAINLINE NG B	5Z	790	2,649	-70.2%	670	17.9%	14,968	19,545	-23.4%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0.0%	2,208	620	256.1%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	488	-100.0%	0	0.0%	0	488	-100.0%
COLUMBIA GULF ONSHORE	GL	0	2,288	-100.0%	0	0.0%	3,108	2,716	14.4%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	93	0	0.0%	155	-40.0%	1,278	430	197.2%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	30	300	-90.0%	60	-50.0%	444	1,016	-56.3%

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CONWAY PROPANE 5 DECIMALS SWAP	8K	6,048	2,314	161.4%	4,689	29.0%	40,515	31,311	29.4%
CRUDE OIL	CHB	0	0	-	60	-100.0%	60	0	-
CRUDE OIL	LPS	4,700	2,155	118.1%	4,635	1.4%	36,062	13,697	163.3%
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	180	1,793	-90.0%	12	1,400.0%	623	10,113	-93.8%
CRUDE OIL OUTRIGHTS	DBL	0	3,045	-100.0%	400	-100.0%	450	25,412	-98.2%
CRUDE OIL OUTRIGHTS	FE	0	30	-100.0%	0	0.0%	0	235	-100.0%
CRUDE OIL OUTRIGHTS	GSW	30	0	-	0	-	30	0	-
CRUDE OIL OUTRIGHTS	HTT	5,250	0	-	800	556.3%	9,312	0	-
CRUDE OIL OUTRIGHTS	WCC	1,180	5,754	-79.5%	1,725	-31.6%	33,539	32,636	2.8%
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	6,435	0	0.0%	4,270	50.7%	15,642	1,415	1,005.4%
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%	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	-
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%	2,720	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	0	0.0%	0	0.0%	0	23,657	-100.0%
DATED TO FRONTLINE BRENT	FY	1,550	3,155	-50.9%	1,600	-3.1%	11,260	23,396	-51.9%
DEMARC INDEX FUTURE	DI	0	0	0.0%	620	-100.0%	800	0	0.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	10	10	0.0%
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%
DLY GAS EURO-BOB OXY	GBR	60	0	-	0	-	60	0	-

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Energy Futures									
DOMINION TRAN INC - APP I	IH	0	0	-	3,142	-100.0%	17,107	0	-
DOMINION TRANSMISSION INC	PG	8,824	7,205	22.5%	23,709	-62.8%	132,633	31,853	316.4%
DUBAI CRUDE OIL BALMO	BI	275	0	0.0%	0	0.0%	275	100	175.0%
DUBAI CRUDE OIL CALENDAR	DC	2,875	2,956	-2.7%	1,555	84.9%	9,480	24,655	-61.5%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	0.0%	0	0	-
EASTERN RAIL DELIVERY CSX	QX	1,310	2,390	-45.2%	2,340	-44.0%	8,877	33,850	-73.8%
EAST/WEST FUEL OIL SPREAD	EW	75	45	66.7%	55	36.4%	186	2,148	-91.3%
EIA FLAT TAX ONHWAY DIESE	A5	1,192	635	87.7%	479	148.9%	8,092	6,599	22.6%
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	0	0.0%	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	0	0.0%	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	11,680	-100.0%
ELECTRICITY OFF PEAK	50	0	0	-	0	0.0%	0	0	-
EL PASO PERMIAN INDEX SWA	IL	620	0	-	620	0.0%	1,612	0	-
EMISSIONS	CPL	0	250	-100.0%	0	0.0%	0	250	-100.0%
ERCOT NORTH ZMCP E 5MW OFFPEAK	I8	0	0	-	0	0.0%	0	0	-
ERCOT NORTH ZMCP E 5MW OFFPEAK SWAP	I6	0	0	0.0%	0	0.0%	4,280	17,565	-75.6%
ERCOT NORTH ZMCP E 5MW PEAK	I5	0	0	0.0%	0	0.0%	235	2,591	-90.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	1,401	2,658	-47.3%	1,986	-29.5%	14,973	21,494	-30.3%
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	35	500.0%
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	182	385	-52.7%	262	-30.5%	2,121	4,367	-51.4%
EURO 3.5% FUEL OIL SPREAD	FK	330	727	-54.6%	628	-47.5%	3,966	7,840	-49.4%

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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	88	44	100.0%	0	0.0%	158	2,427	-93.5%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0.0%	3	6	-50.0%
EURO GASOIL 10PPM VS ICE	ET	75	60	25.0%	75	0.0%	450	239	88.3%
EUROPE 1% FUEL OIL NWE CA	UF	565	156	262.2%	20	2,725.0%	1,342	1,187	13.1%
EUROPE 1% FUEL OIL RDAM C	UH	10	0	0.0%	0	0.0%	124	160	-22.5%
EUROPE 3.5% FUEL OIL MED	UI	247	13	1,800.0%	188	31.4%	2,519	607	315.0%
EUROPE 3.5% FUEL OIL RDAM	UV	5,762	4,830	19.3%	7,782	-26.0%	46,001	68,921	-33.3%
EUROPEAN GASOIL (ICE)	7F	11,509	8,962	28.4%	153,919	-92.5%	1,531,210	74,031	1,968.3%
EUROPEAN NAPHTHA BALMO	KZ	133	65	104.6%	169	-21.3%	1,031	643	60.3%
EUROPEAN NAPHTHA CRACK SPR	EN	4,627	4,156	11.3%	6,969	-33.6%	31,825	61,294	-48.1%
EUROPE DATED BRENT SWAP	UB	3,100	2,155	43.9%	8,600	-64.0%	25,958	23,875	8.7%
EUROPE JET KERO NWE CALSW	UJ	0	66	-100.0%	0	0.0%	38	484	-92.1%
EUROPE NAPHTHA CALSWAP	UN	2,004	720	178.3%	1,655	21.1%	9,368	11,206	-16.4%
EURO PROPANE CIF ARA SWA	PS	1,239	353	251.0%	1,726	-28.2%	8,405	2,463	241.3%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	8,310	-100.0%	8,310	0	-
FLORIDA GAS ZONE3 BASIS S	FP	789	0	0.0%	482	63.7%	2,097	12,046	-82.6%
FREIGHT MARKETS	FLP	24	63	-61.9%	287	-91.6%	1,468	162	806.2%
FREIGHT MARKETS	FRC	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	5,217	2,329	124.0%	3,241	61.0%	28,762	24,703	16.4%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	32	306	-89.5%
FUEL OIL (PLATS) CAR CM	1W	930	36	2,483.3%	0	0.0%	1,091	171	538.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	54	140	-61.4%
FUELOIL SWAP:CARGOES VS.B	FS	187	275	-32.0%	19	884.2%	2,729	3,498	-22.0%
GAS EURO-BOB OXY NWE BARGES	7H	4,784	7,352	-34.9%	6,405	-25.3%	50,275	57,375	-12.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	11,803	15,486	-23.8%	14,103	-16.3%	99,916	137,886	-27.5%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0.0%	6	1	500.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF MED BALMO	X6	0	0	0.0%	0	0.0%	0	5	-100.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	0.0%	75	0	-
GASOIL 0.1CIF MED VS ICE	Z5	40	0	0.0%	0	0.0%	120	71	69.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0.0%	0	266	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	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	5	0	0.0%	0	0.0%	60	50	20.0%

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Energy Futures									
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 10P CRG CIF NW VS	3V	0	10	-100.0%	0	0.0%	10	50	-80.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0.0%	3	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	60	65	-7.7%	294	-79.6%	488	1,252	-61.0%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	-	0	0	0.0%
GASOIL CALENDAR SWAP	GX	46	0	0.0%	12	283.3%	290	179	62.0%
GASOIL CRACK SPREAD CALEN	GZ	7,971	2,400	232.1%	8,270	-3.6%	36,632	31,501	16.3%
GASOIL MINI CALENDAR SWAP	QA	141	304	-53.6%	333	-57.7%	1,838	2,017	-8.9%
GASOLINE UP-DOWN (ARGUS)	UZ	0	0	0.0%	0	-	0	0	0.0%
GASOLINE UP-DOWN BALMO SW	1K	0	350	-100.0%	0	0.0%	810	4,860	-83.3%
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	3,780	5,223	-27.6%	2,778	36.1%	17,343	27,069	-35.9%
GRP THREE UNL GS (PLT) VS	A8	1,650	2,125	-22.4%	2,250	-26.7%	9,515	9,987	-4.7%
GULF COAST 3% FUEL OIL BA	VZ	262	964	-72.8%	192	36.5%	5,369	8,316	-35.4%
GULF COAST GASOLINE CLNDR	GS	0	800	-100.0%	0	0.0%	1,300	4,365	-70.2%
GULF COAST JET FUEL CLNDR	GE	192	129	48.8%	352	-45.5%	1,133	2,837	-60.1%
GULF COAST JET VS NYM 2 H	ME	29,266	24,861	17.7%	37,220	-21.4%	227,475	148,720	53.0%
GULF COAST NO.6 FUEL OIL	MF	59,472	67,954	-12.5%	42,917	38.6%	403,729	528,959	-23.7%
GULF COAST NO.6 FUEL OIL	MG	300	2,700	-88.9%	696	-56.9%	5,434	14,123	-61.5%
GULF COAST ULSD CALENDAR	LY	1,232	575	114.3%	457	169.6%	6,202	5,983	3.7%
GULF COAST ULSD CRACK SPR	GY	75	0	0.0%	1,731	-95.7%	6,006	2,450	145.1%
HEATING OIL BALMO CLNDR S	1G	25	185	-86.5%	0	0.0%	320	365	-12.3%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	0.0%	20	0	-
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	16,538	26,128	-36.7%	5,673	191.5%	155,417	82,529	88.3%
HENRY HUB INDEX SWAP FUTU	IN	15,594	11,508	35.5%	5,332	192.5%	146,955	59,469	147.1%
HENRY HUB SWAP	NN	257,428	451,585	-43.0%	357,460	-28.0%	3,072,854	3,170,478	-3.1%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0.0%	290	0	0.0%
HOUSTON SHIP CHANNEL BASI	NH	1,860	3,227	-42.4%	2,711	-31.4%	24,668	27,149	-9.1%
HOUSTON SHIP CHANNEL INDE	IP	186	0	0.0%	0	0.0%	186	180	3.3%
HUSTN SHIP CHNL PIPE SWP	XJ	0	4,073	-100.0%	0	0.0%	0	4,073	-100.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0.0%	10	8,000	-99.9%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
IN DELIVERY MONTH EUA	6T	350	15,830	-97.8%	3,100	-88.7%	26,201	91,513	-71.4%

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Energy Futures									
INDIANA MISO	FAD	0	0	0.0%	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%	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%	112	0	0.0%
INDIANA MISO	PDM	0	0	0.0%	0	0.0%	0	2,240	-100.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTM	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	15	90	-83.3%	85	-82.4%	170	1,330	-87.2%
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%	0	0.0%	20	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	513	127	303.9%	112	358.0%	2,766	1,159	138.7%
JAPAN C&F NAPHTHA SWAP	JA	1,055	856	23.2%	1,309	-19.4%	8,226	7,451	10.4%
JAPAN NAPHTHA BALMO SWAP	E6	5	0	0.0%	0	0.0%	295	407	-27.5%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	32	25	28.0%	0	0.0%	112	208	-46.2%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0.0%	22	15	46.7%
JET CIF NWE VS ICE	JC	82	155	-47.1%	180	-54.4%	698	998	-30.1%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	2	10	-80.0%
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	17	76.5%
JET FUEL UP-DOWN BALMO CL	1M	1,365	3,240	-57.9%	1,150	18.7%	21,587	17,613	22.6%
LA CARB DIESEL (OPIS)	LX	0	78	-100.0%	0	0.0%	0	78	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	190	912	-79.2%	730	-74.0%	5,082	5,389	-5.7%
LA CARBOB GASOLINE(OPIS)S	JL	325	300	8.3%	900	-63.9%	5,575	4,125	35.2%
LA JET FUEL VS NYM NO 2 H	MQ	15	55	-72.7%	10	50.0%	775	170	355.9%
LA JET (OPIS) SWAP	JS	1,625	725	124.1%	2,600	-37.5%	12,972	6,795	90.9%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	5,808	5,357	8.4%	1,380	320.9%	47,963	61,654	-22.2%
MARS (ARGUS) VS WTI SWAP	YX	805	6,943	-88.4%	1,910	-57.9%	33,128	37,982	-12.8%
MARS (ARGUS) VS WTI TRD M	YV	11,045	60	18,308.3%	10,847	1.8%	66,704	9,601	594.8%
MARS BLEND CRUDE OIL	MB	3,450	0	-	4,760	-27.5%	14,964	0	-
MCCLOSKEY ARA ARGS COAL	MTF	118,648	168,045	-29.4%	202,836	-41.5%	1,306,301	1,030,883	26.7%
MCCLOSKEY RCH BAY COAL	MFF	6,187	22,989	-73.1%	18,210	-66.0%	135,942	148,461	-8.4%
MGF FUT	MGF	0	16	-100.0%	0	0.0%	100	16	525.0%
MGN1 SWAP FUT	MGN	75	226	-66.8%	85	-11.8%	963	960	0.3%
MICHCON NG INDEX SWAP	Y8	1,840	0	-	0	-	1,840	0	-

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Energy Futures									
MICHIGAN BASIS	NF	1,845	604	205.5%	885	108.5%	15,309	1,638	834.6%
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	351	296	18.6%	371	-5.4%	2,580	2,684	-3.9%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	200	60	233.3%	0	0.0%	896	3,640	-75.4%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,014	692	46.5%	838	21.0%	7,748	5,075	52.7%
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	0	0.0%	0	0.0%	0	10	-100.0%
MJC FUT	MJC	172	20	760.0%	0	0.0%	621	520	19.4%
MNC FUT	MNC	5,934	3,363	76.4%	3,349	77.2%	28,263	31,036	-8.9%
MONT BELVIEU ETHANE 5 DECIMAL	C0	33,599	5,855	473.9%	45,306	-25.8%	272,898	43,083	533.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	110	430	-74.4%	60	83.3%	650	2,335	-72.2%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	141,588	33,333	324.8%	157,387	-10.0%	767,530	280,499	173.6%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	875	415	110.8%	2,255	-61.2%	5,916	5,509	7.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	7,291	3,285	121.9%	7,297	-0.1%	60,644	42,999	41.0%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	82	603	-86.4%	390	-79.0%	1,410	3,373	-58.2%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	26,064	13,131	98.5%	19,746	32.0%	162,611	106,079	53.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	656	852	-23.0%	1,332	-50.8%	4,975	3,508	41.8%
NAT GAS BASIS SWAP	SGW	0	40	-100.0%	0	0.0%	0	40	-100.0%
NAT GAS BASIS SWAP	TZ6	793	304	160.9%	8,821	-91.0%	22,996	1,816	1,166.3%
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	3,416	-100.0%	0	0.0%	0	3,416	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	6,452	-100.0%	0	0.0%	0	6,452	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	1,464	-100.0%	0	0.0%	0	1,464	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	496	-100.0%	0	0.0%	0	496	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	572	-100.0%	0	0.0%	0	572	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	0	448	-100.0%	0	0.0%	0	448	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	84	-100.0%	0	0.0%	0	84	-100.0%
NATURAL GAS INDEX	TZI	1,712	0	0.0%	0	0.0%	6,702	0	0.0%
NATURAL GAS PEN SWP	NP	123,511	127,917	-3.4%	127,221	-2.9%	784,479	1,463,351	-46.4%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0.0%	11,925	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0.0%	635	0	0.0%

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Energy Futures									
NEPOOL INTR HUB 5MW D AH	H2	37,440	38,309	-2.3%	23,400	60.0%	164,637	91,042	80.8%
NEPOOL INTR HUB 5MW D AH	U6	2,040	2,079	-1.9%	6,358	-67.9%	15,708	6,280	150.1%
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	3,920	-100.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0.0%	640	1,385	-53.8%
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	3,981	-100.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0.0%	0	47,245	-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	7,680	-100.0%	0	0.0%	4,000	28,848	-86.1%
NEPOOL W CNTR M 5MW D AH	R6	0	420	-100.0%	0	0.0%	1,685	420	301.2%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	0.0%	0	0	-
NEW YORK ETHANOL SWAP	EZ	750	1,480	-49.3%	1,125	-33.3%	11,300	7,500	50.7%
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	3,393	1,805	88.0%	1,166	191.0%	25,369	35,765	-29.1%
NGPL MIDCONTINENT INDEX	IW	620	0	0.0%	1,457	-57.4%	7,227	180	3,915.0%
NGPL MIDCONTINENT SWING S	PX	0	0	-	620	-100.0%	620	0	-
NGPL TEX/OK	PD	1,100	3,620	-69.6%	951	15.7%	22,624	66,595	-66.0%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0.0%	60	186	-67.7%
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	0	0.0%	0	0.0%	0	30	-100.0%
NO 2 UP-DOWN SPREAD CALEN	UT	187	584	-68.0%	0	0.0%	2,562	2,809	-8.8%
NORTHERN NATURAL GAS DEMAR	PE	0	453	-100.0%	0	0.0%	1,595	2,433	-34.4%
NORTHERN NATURAL GAS VENTU	PF	1,235	276	347.5%	564	119.0%	7,027	4,292	63.7%
NORTHERN ILLINOIS OFF-PEA	UO	0	20	-100.0%	0	0.0%	0	62	-100.0%
NORTHWEST ROCKIES BASIS S	NR	6,806	16,948	-59.8%	11,451	-40.6%	127,801	49,608	157.6%
N ROCKIES PIPE SWAP	XR	0	991	-100.0%	0	0.0%	0	991	-100.0%
NY1% VS GC SPREAD SWAP	VR	2,814	3,191	-11.8%	1,700	65.5%	15,997	16,181	-1.1%
NY 2.2% FUEL OIL (PLATTS	Y3	0	50	-100.0%	220	-100.0%	409	125	227.2%
NY 3.0% FUEL OIL (PLATTS	H1	75	400	-81.3%	300	-75.0%	1,175	2,095	-43.9%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	30	259	-88.4%

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Energy Futures									
NY HARBOR HEAT OIL SWP	MP	1,947	5,514	-64.7%	3,028	-35.7%	18,449	34,465	-46.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	295	0	0.0%	575	-48.7%	4,551	4,042	12.6%
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	1,834	4,043	-54.6%	1,848	-0.8%	24,478	31,795	-23.0%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0.0%	0	100	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	742	1,805	-58.9%	703	5.5%	11,685	15,549	-24.9%
NY H OIL PLATTS VS NYMEX	YH	0	41	-100.0%	0	0.0%	0	976	-100.0%
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	LHV	42	0	-	72	-41.7%	114	0	-
NYISO CAPACITY	NNC	90	130	-30.8%	260	-65.4%	1,287	1,622	-20.7%
NYISO CAPACITY	NRS	72	240	-70.0%	672	-89.3%	1,880	2,784	-32.5%
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	0	0	0.0%	0	0.0%	172	1,795	-90.4%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0.0%	80	540	-85.2%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	15,920	-100.0%	231,440	284,736	-18.7%
NYISO ZONE A 5MW D AH PK	K3	0	2,760	-100.0%	0	0.0%	640	7,445	-91.4%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	54,290	-100.0%	54,290	0	0.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	1,512	-100.0%	1,512	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	79,560	23,480	238.8%	3,850	1,966.5%	364,160	82,120	343.4%
NYISO ZONE G 5MW D AH PK	T3	3,060	6,360	-51.9%	6,780	-54.9%	25,089	15,820	58.6%
NYISO ZONE J 5MW D AH O P	D4	0	23,480	-100.0%	0	0.0%	102,952	35,160	192.8%
NYISO ZONE J 5MW D AH PK	D3	0	4,465	-100.0%	0	0.0%	7,767	5,115	51.8%
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	1,735	-100.0%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	15	-100.0%	0	0.0%	0	1,113	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	236	506	-53.4%	30	686.7%	2,944	19,804	-85.1%
ONEOK OKLAHOMA NG BASIS	8X	0	678	-100.0%	0	0.0%	945	1,895	-50.1%
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	30	30	0.0%	100	-70.0%	245	80	206.3%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	440	7,890	-94.4%
PANHANDLE BASIS SWAP FUTU	PH	8,243	31,225	-73.6%	4,234	94.7%	59,604	86,995	-31.5%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	1,922	-100.0%	2,480	0	-

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Commodity		VOLUME JUL 2016	VOLUME JUL 2015	% CHG	VOLUME JUN 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Futures									
PANHANDLE PIPE SWAP	XH	0	314	-100.0%	0	0.0%	0	314	-100.0%
PERMIAN BASIS SWAP	PM	3,720	2,220	67.6%	4,018	-7.4%	26,222	8,084	224.4%
PETROCHEMICALS	22	15	21	-28.6%	39	-61.5%	369	161	129.2%
PETROCHEMICALS	32	45	26	73.1%	54	-16.7%	381	312	22.1%
PETROCHEMICALS	51	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	8I	109	382	-71.5%	153	-28.8%	1,166	3,715	-68.6%
PETROCHEMICALS	91	181	52	248.1%	140	29.3%	1,219	208	486.1%
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	48	58	-17.2%
PETROCHEMICALS	LPE	0	0	0.0%	0	0.0%	0	76	-100.0%
PETROCHEMICALS	MAC	0	0	-	0	0.0%	110	0	-
PETROCHEMICALS	MAE	90	60	50.0%	45	100.0%	355	200	77.5%
PETROCHEMICALS	MAS	65	50	30.0%	35	85.7%	910	240	279.2%
PETROCHEMICALS	MBE	4,115	940	337.8%	2,425	69.7%	19,435	9,990	94.5%
PETROCHEMICALS	MNB	1,924	1,652	16.5%	3,215	-40.2%	13,426	11,282	19.0%
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%	64	430	-85.1%
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	420	152	176.3%	115	265.2%	913	2,348	-61.1%
PETRO CRCKS & SPRDS NA	EXR	963	1,322	-27.2%	1,696	-43.2%	9,711	8,935	8.7%
PETRO CRCKS & SPRDS NA	FOC	1,825	500	265.0%	1,375	32.7%	6,100	3,065	99.0%
PETRO CRCKS & SPRDS NA	GBB	30	0	0.0%	730	-95.9%	1,160	50	2,220.0%
PETRO CRCKS & SPRDS NA	GCC	100	0	-	100	0.0%	1,425	0	-
PETRO CRCKS & SPRDS NA	GCI	2,397	260	821.9%	724	231.1%	6,534	8,574	-23.8%
PETRO CRCKS & SPRDS NA	GCM	21	0	-	0	0.0%	56	0	-
PETRO CRCKS & SPRDS NA	GCU	6,243	13,167	-52.6%	5,011	24.6%	52,336	96,241	-45.6%
PETRO CRCKS & SPRDS NA	GFC	104	0	0.0%	0	0.0%	104	100	4.0%
PETRO CRCKS & SPRDS NA	HOB	4,135	6,045	-31.6%	2,340	76.7%	29,582	28,638	3.3%
PETRO CRCKS & SPRDS NA	KSD	0	150	-100.0%	0	0.0%	0	150	-100.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	30	-100.0%	30	0	-
PETRO CRCKS & SPRDS NA	NFC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	150	-100.0%	100	-100.0%	520	150	246.7%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	75	-100.0%	175	1,275	-86.3%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	300	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	9,181	9,476	-3.1%	8,443	8.7%	65,965	83,657	-21.1%

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Commodity		VOLUME JUL 2016	VOLUME JUL 2015	% CHG	VOLUME JUN 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	RVG	8,060	0	0.0%	8,416	-4.2%	50,370	2,215	2,174.0%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	0.0%	34	0	-
PETRO CRK&SPRD EURO	1NB	1,272	552	130.4%	1,083	17.5%	11,918	12,634	-5.7%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO CRK&SPRD EURO	43	45	162	-72.2%	69	-34.8%	976	2,832	-65.5%
PETRO CRK&SPRD EURO	BFR	0	50	-100.0%	0	0.0%	0	80	-100.0%
PETRO CRK&SPRD EURO	BOB	1,188	1,450	-18.1%	2,207	-46.2%	14,036	11,830	18.6%
PETRO CRK&SPRD EURO	EBF	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	34	-100.0%	16	-100.0%	91	293	-68.9%
PETRO CRK&SPRD EURO	EPN	122	43	183.7%	417	-70.7%	1,560	297	425.3%
PETRO CRK&SPRD EURO	EVC	1,030	759	35.7%	1,956	-47.3%	9,979	11,874	-16.0%
PETRO CRK&SPRD EURO	FBT	100	0	0.0%	0	0.0%	460	360	27.8%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO CRK&SPRD EURO	GCB	0	125	-100.0%	0	0.0%	760	1,008	-24.6%
PETRO CRK&SPRD EURO	GOC	0	12	-100.0%	15	-100.0%	69	572	-87.9%
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	66	-100.0%	0	0.0%	0	376	-100.0%
PETRO CRK&SPRD EURO	MUD	116	26	346.2%	105	10.5%	744	454	63.9%
PETRO CRK&SPRD EURO	NBB	23	15	53.3%	0	0.0%	123	56	119.6%
PETRO CRK&SPRD EURO	NOB	827	102	710.8%	563	46.9%	2,819	1,084	160.1%
PETRO CRK&SPRD EURO	NYG	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	40	-100.0%	105	15	600.0%
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%	0	28	-100.0%
PETROLEUM PRODUCTS	D46	0	0	-	30	-100.0%	30	0	-
PETROLEUM PRODUCTS	D63	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D64	0	0	0.0%	0	0.0%	0	209	-100.0%
PETROLEUM PRODUCTS	D65	0	0	0.0%	0	0.0%	0	140	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0.0%	0	10	-100.0%
PETROLEUM PRODUCTS	EWG	1,524	0	0.0%	75	1,932.0%	2,074	6	34,466.7%
PETROLEUM PRODUCTS	MBS	0	0	-	10	-100.0%	531	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	30	-100.0%	30	0	-



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Energy Futures									
PETROLEUM PRODUCTS	MPE	0	0	-	0	0.0%	1,363	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	0	0	0.0%	0	0.0%	427	557	-23.3%
PETROLEUM PRODUCTS ASIA	MJN	1,780	1,060	67.9%	1,410	26.2%	9,115	12,041	-24.3%
PETRO OUTRIGHT EURO	0A	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTRIGHT EURO	0B	420	0	0.0%	42	900.0%	1,250	714	75.1%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	30	-100.0%	106	0	0.0%
PETRO OUTRIGHT EURO	0D	2,271	4,812	-52.8%	4,579	-50.4%	29,626	27,660	7.1%
PETRO OUTRIGHT EURO	0E	728	659	10.5%	678	7.4%	5,878	2,919	101.4%
PETRO OUTRIGHT EURO	0F	1,251	484	158.5%	2,313	-45.9%	8,002	6,867	16.5%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0.0%	20	85	-76.5%
PETRO OUTRIGHT EURO	33	15	181	-91.7%	10	50.0%	219	543	-59.7%
PETRO OUTRIGHT EURO	59	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	5L	597	0	0.0%	200	198.5%	1,477	943	56.6%
PETRO OUTRIGHT EURO	63	130	135	-3.7%	40	225.0%	877	689	27.3%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0.0%	0	16	-100.0%
PETRO OUTRIGHT EURO	7I	506	197	156.9%	42	1,104.8%	1,273	1,410	-9.7%
PETRO OUTRIGHT EURO	7P	0	0	0.0%	0	0.0%	0	40	-100.0%
PETRO OUTRIGHT EURO	7R	401	127	215.7%	246	63.0%	1,910	2,232	-14.4%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0.0%	55	158	-65.2%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	6	30	-80.0%
PETRO OUTRIGHT EURO	CPB	15	5	200.0%	92	-83.7%	304	333	-8.7%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	50	-100.0%	361	159	127.0%
PETRO OUTRIGHT EURO	EFM	525	3	17,400.0%	0	0.0%	615	380	61.8%
PETRO OUTRIGHT EURO	ENS	405	17	2,282.4%	10	3,950.0%	998	445	124.3%
PETRO OUTRIGHT EURO	EWN	300	67	347.8%	303	-1.0%	1,240	721	72.0%
PETRO OUTRIGHT EURO	FBD	20	10	100.0%	0	0.0%	20	101	-80.2%
PETRO OUTRIGHT EURO	MBB	0	30	-100.0%	50	-100.0%	84	155	-45.8%
PETRO OUTRIGHT EURO	MBN	1,465	945	55.0%	2,573	-43.1%	9,527	6,109	56.0%
PETRO OUTRIGHT EURO	RBF	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	40	600	-93.3%
PETRO OUTRIGHT EURO	T0	0	300	-100.0%	176	-100.0%	368	1,657	-77.8%
PETRO OUTRIGHT EURO	ULB	400	0	0.0%	0	0.0%	490	1,550	-68.4%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	2,304	-100.0%

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Energy Futures									
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	0.0%	50	0	0.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0.0%	0	638	-100.0%
PETRO OUTRIGHT EURO	Y0	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO OUTRIGHT NA	5Y	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	DBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	FCB	19	291	-93.5%	465	-95.9%	966	2,181	-55.7%
PETRO OUTRIGHT NA	FOB	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0.0%	3	47	-93.6%
PETRO OUTRIGHT NA	GBA	0	0	-	0	0.0%	8	0	-
PETRO OUTRIGHT NA	GUD	0	0	-	0	0.0%	13	0	-
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0.0%	439	0	0.0%
PETRO OUTRIGHT NA	JET	3,700	3,865	-4.3%	1,805	105.0%	14,590	6,940	110.2%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	78	-100.0%	168	700	-76.0%
PETRO OUTRIGHT NA	MEN	861	522	64.9%	245	251.4%	4,870	5,131	-5.1%
PETRO OUTRIGHT NA	MEO	10,500	8,036	30.7%	14,130	-25.7%	70,379	61,986	13.5%
PETRO OUTRIGHT NA	MFD	313	82	281.7%	180	73.9%	793	177	348.0%
PETRO OUTRIGHT NA	MMF	30	90	-66.7%	150	-80.0%	1,063	1,015	4.7%
PETRO OUTRIGHT NA	NYB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	100	-100.0%	100	25	300.0%
PETRO OUTRIGHT NA	XER	0	90	-100.0%	0	0.0%	0	90	-100.0%
PGE&E CITYGATE	PC	0	0	0.0%	0	-	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	65,472	140,960	-53.6%	73,584	-11.0%	1,014,512	148,768	581.9%
PJM AD HUB 5MW REAL TIME	Z9	9,056	8,390	7.9%	17,126	-47.1%	80,849	8,390	863.6%
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	132	-100.0%
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	23,400	-100.0%	0	0.0%	0	23,400	-100.0%
PJM ATSI ELEC	MPD	0	1,275	-100.0%	0	0.0%	0	1,275	-100.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	23,400	0	0.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0.0%	1,275	0	0.0%
PJM COMED 5MW D AH O PK	D9	23,480	56,795	-58.7%	0	0.0%	210,680	56,795	270.9%
PJM COMED 5MW D AH PK	D8	1,270	3,080	-58.8%	0	0.0%	11,470	3,080	272.4%
PJM DAILY	JD	0	0	0.0%	0	0.0%	1,300	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	23,400	-100.0%	0	0.0%	21,305	31,208	-31.7%
PJM DAYTON DA PEAK	D7	6,350	6,470	-1.9%	7,640	-16.9%	14,755	6,470	128.1%



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Energy Futures									
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	15,360	-100.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0.0%	0	650	-100.0%
PJM NI HUB 5MW REAL TIME	B3	0	12,740	-100.0%	17,185	-100.0%	41,968	12,930	224.6%
PJM NI HUB 5MW REAL TIME	B6	49,415	234,560	-78.9%	239,400	-79.4%	989,372	235,968	319.3%
PJM NILL DA OFF-PEAK	L3	28,617	62,265	-54.0%	192,216	-85.1%	527,055	85,191	518.7%
PJM NILL DA PEAK	N3	1,375	3,294	-58.3%	10,347	-86.7%	25,217	4,708	435.6%
PJM OFF-PEAK LMP SWAP FUT	JP	0	540	-100.0%	0	0.0%	140	1,412	-90.1%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	650	-100.0%
PJM PEPKO DA OFF-PEAK	Q8	0	0	0.0%	0	0.0%	0	7,440	-100.0%
PJM PEPKO 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	0	0	0.0%	0	0.0%	163,800	0	0.0%
PJM PSEG DA PEAK	L6	0	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	375,680	94,080	299.3%	31,840	1,079.9%	825,010	94,080	776.9%
PJM WESTHDA PEAK	J4	20,320	5,625	261.2%	1,318	1,441.7%	42,598	5,625	657.3%
PJM WESTH RT OFF-PEAK	N9	962,311	444,960	116.3%	465,794	106.6%	5,428,596	510,816	962.7%
PJM WESTH RT PEAK	L1	59,808	20,475	192.1%	57,786	3.5%	449,328	20,475	2,094.5%
PLASTICS	PGP	20	440	-95.5%	310	-93.5%	2,131	8,076	-73.6%
PLASTICS	PPP	0	0	0.0%	0	-	0	0	0.0%
PREMIUM UNLD 10P FOB MED	3G	294	211	39.3%	261	12.6%	2,155	2,535	-15.0%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	0.0%	0	-	0	0	0.0%
PREMIUM UNLEAD 10PPM FOB	8G	17	51	-66.7%	97	-82.5%	278	561	-50.4%
PREM UNL GAS 10PPM RDM FOB BALMO	7N	0	0	0.0%	0	0.0%	2	74	-97.3%
PREM UNL GAS 10PPM RDM FOB SWAP	7L	55	45	22.2%	15	266.7%	243	260	-6.5%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	225	25	800.0%	798	-71.8%	2,502	1,126	122.2%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	11,648	9,511	22.5%	8,440	38.0%	70,868	46,361	52.9%
RBOB CALENDAR SWAP	RL	7,572	8,982	-15.7%	7,207	5.1%	41,822	46,455	-10.0%
RBOB CRACK SPREAD	RM	50	1,272	-96.1%	344	-85.5%	10,295	7,087	45.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	0.0%	25	0	-

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Energy Futures									
RBOB GASOLINE BALMO CLNDR	1D	943	932	1.2%	294	220.7%	4,563	8,864	-48.5%
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	11,965	-100.0%	0	0.0%	9,203	68,520	-86.6%
RBOB VS HEATING OIL SWAP	RH	2,280	325	601.5%	2,236	2.0%	11,227	6,325	77.5%
ROCKIES KERN OPAL - NW IN	IR	310	0	-	0	0.0%	1,046	0	-
SAN JUAN BASIS SWAP	NJ	4,722	6,555	-28.0%	4,401	7.3%	45,301	14,852	205.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	BS	15	95	-84.2%	38	-60.5%	382	297	28.6%
SINGAPORE 380CST BALMO	BT	135	296	-54.4%	155	-12.9%	1,008	996	1.2%
SINGAPORE 380CST FUEL OIL	SE	9,308	4,812	93.4%	7,991	16.5%	45,503	38,278	18.9%
SINGAPORE FUEL 180CST CAL	UA	1,079	1,802	-40.1%	951	13.5%	8,635	15,986	-46.0%
SINGAPORE FUEL OIL SPREAD	SD	576	326	76.7%	904	-36.3%	3,849	4,141	-7.1%
SINGAPORE GASOIL	MTB	166	131	26.7%	95	74.7%	1,681	922	82.3%
SINGAPORE GASOIL	MTS	3,444	3,002	14.7%	3,945	-12.7%	24,178	17,250	40.2%
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%	180	-100.0%	180	0	0.0%
SINGAPORE GASOIL BALMO	VU	780	225	246.7%	295	164.4%	1,959	594	229.8%
SINGAPORE GASOIL CALENDAR	MSG	0	50	-100.0%	160	-100.0%	347	6,291	-94.5%
SINGAPORE GASOIL SWAP	SG	6,562	1,625	303.8%	3,973	65.2%	29,352	19,513	50.4%
SINGAPORE GASOIL VS ICE	GA	2,508	320	683.8%	1,300	92.9%	13,008	4,780	172.1%
SINGAPORE JET KERO BALMO	BX	0	25	-100.0%	0	0.0%	56	325	-82.8%
SINGAPORE JET KERO GASOIL	RK	1,745	475	267.4%	225	675.6%	5,050	2,945	71.5%
SINGAPORE JET KEROSENE SW	KS	1,130	1,158	-2.4%	150	653.3%	3,720	11,378	-67.3%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	50	-100.0%	0	0.0%	0	50	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	100	-100.0%	15	-100.0%	2,818	2,758	2.2%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	5,805	3,720	56.0%	9,360	-38.0%	46,422	53,961	-14.0%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0.0%	20	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0.0%	0	1,125	-100.0%
SING FUEL	MSD	5	5	0.0%	0	0.0%	10	10	0.0%
SOCAL BASIS SWAP	NS	0	96	-100.0%	0	0.0%	0	96	-100.0%
SOCAL PIPE SWAP	XN	0	488	-100.0%	0	0.0%	5,600	488	1,047.5%
SONAT BASIS SWAP FUTURE	SZ	0	4,324	-100.0%	0	0.0%	368	11,842	-96.9%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0.0%	522	4,280	-87.8%
SOUTH STAR TEX OKLHM KNS	8Z	1,104	124	790.3%	0	0.0%	1,368	4,140	-67.0%



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Energy Futures									
Sumas Basis Swap	NK	787	850	-7.4%	827	-4.8%	13,775	8,431	63.4%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	2,893	-100.0%	0	0.0%	0	2,893	-100.0%
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	1,345	1,678	-19.8%	2,438	-44.8%	17,414	20,302	-14.2%
TCO NG INDEX SWAP	Q1	0	3,904	-100.0%	0	0.0%	0	3,904	-100.0%
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%	248	-100.0%	1,285	0	0.0%
TENNESSEE 500 LEG BASIS S	NM	331	856	-61.3%	0	0.0%	724	5,406	-86.6%
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	1,100	-100.0%	62	-100.0%	796	2,444	-67.4%
TENNESSEE ZONE 0 BASIS SW	NQ	604	0	0.0%	1,208	-50.0%	2,600	0	0.0%
Tetco ELA Basis	TE	0	0	0.0%	0	0.0%	0	368	-100.0%
TETCO M-3 INDEX	IX	279	4,464	-93.8%	186	50.0%	7,463	4,464	67.2%
Tetco STX Basis	TX	730	0	0.0%	0	0.0%	1,611	3,574	-54.9%
TEXAS EASTERN ZONE M-3 BA	NX	8,531	3,957	115.6%	5,585	52.7%	55,776	10,253	444.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0.0%	0	16,096	-100.0%
TRANSCO ZONE 1 NG BASIS	8E	0	0	0.0%	0	0.0%	0	368	-100.0%
Transco Zone 3 Basis	CZ	0	304	-100.0%	0	0.0%	610	5,034	-87.9%
TRANSCO ZONE4 BASIS SWAP	TR	1,567	10,253	-84.7%	2,148	-27.0%	16,209	64,733	-75.0%
TRANSCO ZONE 4 NAT GAS IN	B2	744	372	100.0%	217	242.9%	1,457	868	67.9%
TRANSCO ZONE 6 BASIS SWAP	NZ	1,219	604	101.8%	669	82.2%	6,389	6,003	6.4%
TRANSCO ZONE 6 INDEX	IT	604	0	0.0%	0	0.0%	6,014	76	7,813.2%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	122	-100.0%	0	0.0%	0	122	-100.0%
UCM FUT	UCM	10	20	-50.0%	56	-82.1%	231	228	1.3%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	0.0%	38	0	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0.0%	45	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	46	15	206.7%	0	0.0%	154	601	-74.4%
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	20	75.0%
ULSD UP-DOWN BALMO SWP	1L	9,862	8,830	11.7%	5,325	85.2%	32,410	24,003	35.0%
UP DOWN GC ULSD VS NMX HO	LT	68,604	42,433	61.7%	47,070	45.7%	374,506	264,199	41.8%
USGC UNL 87 CRACK SPREAD	RU	0	300	-100.0%	0	0.0%	175	2,075	-91.6%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	44	-100.0%	0	0.0%	0	44	-100.0%
WAHA BASIS	NW	6,891	4,215	63.5%	8,060	-14.5%	35,670	14,912	139.2%

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Energy Futures									
WAHA INDEX SWAP FUTURE	IY	620	0	0.0%	1,828	-66.1%	7,940	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	355	1,285	-72.4%	1,586	-77.6%	7,367	17,090	-56.9%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	17,120	27,601	-38.0%	13,165	30.0%	86,187	161,916	-46.8%
WTI CALENDAR	CS	20,942	26,853	-22.0%	28,230	-25.8%	212,256	272,036	-22.0%
WTS (ARGUS) VS WTI SWAP	FF	450	9,420	-95.2%	372	21.0%	7,382	49,581	-85.1%
WTS (ARGUS) VS WTI TRD MT	FH	1,010	590	71.2%	491	105.7%	7,726	14,061	-45.1%
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%
BRENT CALENDAR SWAP	BA	0	600	-100.0%	762	-100.0%	10,628	146,831	-92.8%
BRENT OIL LAST DAY	BE	5,150	6,632	-22.3%	3,399	51.5%	30,215	43,767	-31.0%
BRENT OIL LAST DAY	BZO	26,602	0	-	34,442	-22.8%	96,131	0	-
BRENT OIL LAST DAY	OS	704	4,456	-84.2%	3,604	-80.5%	11,222	48,226	-76.7%
COAL API2 INDEX	CLA	3,670	4,725	-22.3%	7,557	-51.4%	44,832	29,935	49.8%
COAL API2 INDEX	CQA	700	14,745	-95.3%	2,750	-74.5%	100,884	53,477	88.6%
COAL API2 INDEX	MTC	0	0	0.0%	0	0.0%	150	151	-0.7%
COAL API4 INDEX	RLA	0	50	-100.0%	0	0.0%	50	1,150	-95.7%
COAL API4 INDEX	RQA	0	0	0.0%	0	0.0%	1,330	100	1,230.0%
COAL SWAP	CPF	0	0	0.0%	0	0.0%	385	535	-28.0%
COAL SWAP	RPF	0	200	-100.0%	40	-100.0%	86	1,990	-95.7%
CRUDE OIL 1MO	WA	330,021	223,425	47.7%	338,636	-2.5%	1,724,657	1,523,757	13.2%
CRUDE OIL APO	AO	19,993	32,410	-38.3%	34,695	-42.4%	173,296	585,622	-70.4%
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%	1,150	600	91.7%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0.0%	0	900	-100.0%
CRUDE OIL PHY	CD	1,300	850	52.9%	5,450	-76.1%	25,325	12,675	99.8%
CRUDE OIL PHY	LC	23,798	74,060	-67.9%	31,481	-24.4%	270,478	344,474	-21.5%
CRUDE OIL PHY	LO	3,414,591	3,756,252	-9.1%	3,216,520	6.2%	25,870,798	23,165,128	11.7%
CRUDE OIL PHY	LO1	3,991	2,393	66.8%	5,411	-26.2%	35,113	27,489	27.7%
CRUDE OIL PHY	LO2	2,967	1,530	93.9%	5,953	-50.2%	29,339	21,618	35.7%
CRUDE OIL PHY	LO3	0	1,070	-100.0%	1,513	-100.0%	14,251	14,585	-2.3%
CRUDE OIL PHY	LO4	3,010	1,704	76.6%	4,449	-32.3%	29,338	18,287	60.4%

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Energy Options									
CRUDE OIL PHY	LO5	4,672	2,664	75.4%	2	233,500.0%	15,549	10,695	45.4%
DAILY CRUDE OIL	DNM	0	0	0.0%	0	0.0%	0	8,000	-100.0%
ELEC FINSETTLED	PML	50	12	316.7%	18	177.8%	213	29	634.5%
ELEC MISO PEAK	9T	0	0	-	2,580	-100.0%	2,580	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	-	0	0.0%	25	0	-
ETHANOL	CE3	0	0	-	0	0.0%	25	0	-
ETHANOL SWAP	CVR	4,392	4,190	4.8%	6,437	-31.8%	38,695	41,957	-7.8%
ETHANOL SWAP	GVR	430	300	43.3%	690	-37.7%	2,318	1,564	48.2%
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%
GASOIL CRACK SPREAD AVG PRICE OPTION	3U	0	0	0.0%	0	0.0%	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0.0%	872	125	597.6%
HEATING OIL PHY	LB	1,288	238	441.2%	92	1,300.0%	2,609	4,094	-36.3%
HEATING OIL PHY	OH	49,865	35,377	41.0%	61,097	-18.4%	396,178	371,408	6.7%
HENRY HUB FINANCIAL LAST	E7	2,003	1,998	0.3%	6,795	-70.5%	15,346	17,731	-13.5%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	5,700	1,700	235.3%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0.0%	0	3,360	-100.0%
ISO NEW ENGLAND PK LMP	OE	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WJO	2,400	0	-	0	0.0%	11,130	0	-
MCCLOSKEY ARA ARGS COAL	MTO	300	0	0.0%	210	42.9%	8,995	3,735	140.8%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0.0%	2,385	1,200	98.8%
NATURAL GAS	G10	0	0	-	0	0.0%	500	0	-
NATURAL GAS 12 M CSO FIN	G7	0	0	0.0%	0	0.0%	0	500	-100.0%
NATURAL GAS 1 M CSO FIN	G4	3,000	5,550	-45.9%	2,350	27.7%	36,530	191,884	-81.0%
NATURAL GAS 2 M CSO FIN	G2	0	1,000	-100.0%	0	0.0%	1,000	2,950	-66.1%
NATURAL GAS 3 M CSO FIN	G3	17,037	10,265	66.0%	31,180	-45.4%	156,724	32,985	375.1%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	1,200	2,700	-55.6%
NATURAL GAS 6 M CSO FIN	G6	0	1,000	-100.0%	0	0.0%	4,100	44,900	-90.9%
NATURAL GAS OPTION ON CALENDAR STRP	6J	900	540	66.7%	600	50.0%	13,378	8,640	54.8%
NATURAL GAS PHY	KD	17,275	19,520	-11.5%	45,997	-62.4%	232,844	151,754	53.4%
NATURAL GAS PHY	LN	1,956,091	1,826,439	7.1%	2,435,454	-19.7%	13,384,687	10,650,973	25.7%
NATURAL GAS PHY	ON	312,093	208,630	49.6%	315,414	-1.1%	1,964,627	1,542,427	27.4%
NATURAL GAS PHY	ON1	0	0	0.0%	0	-	0	0	0.0%

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Energy Options									
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%	0	25	-100.0%
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%	500	0	-
N ROCKIES PIPE SWAP	ZR	720	906	-20.5%	720	0.0%	3,510	3,533	-0.7%
NY HARBOR HEAT OIL SWP	AT	6,819	16,508	-58.7%	6,270	8.8%	42,214	101,221	-58.3%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	0.0%	420	110	281.8%
NYMEX EUROPEAN GASOIL APO	F7	0	58	-100.0%	0	0.0%	0	1,462	-100.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	20	-100.0%	0	0.0%	0	240	-100.0%
PETROCHEMICALS	4H	432	1,723	-74.9%	1,125	-61.6%	9,470	9,625	-1.6%
PETROCHEMICALS	4I	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4J	1,095	0	0.0%	210	421.4%	4,455	1,690	163.6%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	14	-100.0%	0	0.0%	495	14	3,435.7%
PETRO OUTRIGHT EURO	8H	0	150	-100.0%	0	0.0%	0	180	-100.0%
PGE CITYGATE PIPE SWAP	CW	0	0	0.0%	0	0.0%	0	0	0.0%
PJM CALENDAR STRIP	6O	0	260	-100.0%	0	0.0%	0	880	-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	280	20	1,300.0%	0	0.0%	420	20	2,000.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	0.0%	10,300	0	-
PJM WES HUB PEAK LMP 50MW	PMA	215	0	-	126	70.6%	1,910	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	3,400	0	0.0%
RBOB CALENDAR SWAP	RA	0	2,775	-100.0%	1,200	-100.0%	5,799	15,023	-61.4%
RBOB PHY	OB	20,360	44,606	-54.4%	40,630	-49.9%	285,849	217,725	31.3%
RBOB PHY	RF	0	0	0.0%	0	0.0%	20	5,250	-99.6%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	60	-100.0%	120	-100.0%	400	365	9.6%
SAN JUAN PIPE SWAP	PJ	720	728	-1.1%	2,760	-73.9%	6,312	3,276	92.7%
SHORT TERM	U11	100	0	0.0%	0	0.0%	1,600	2,360	-32.2%
SHORT TERM	U12	600	0	0.0%	0	0.0%	2,780	1,690	64.5%
SHORT TERM	U13	100	200	-50.0%	725	-86.2%	3,411	1,385	146.3%
SHORT TERM	U14	800	100	700.0%	400	100.0%	4,425	1,250	254.0%
SHORT TERM	U15	125	200	-37.5%	450	-72.2%	1,975	1,525	29.5%
SHORT TERM	U22	500	150	233.3%	225	122.2%	2,375	810	193.2%

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Commodity		VOLUME JUL 2016	VOLUME JUL 2015	% CHG	VOLUME JUN 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Options									
SHORT TERM	U23	0	80	-100.0%	180	-100.0%	680	2,010	-66.2%
SHORT TERM	U24	0	0	0.0%	400	-100.0%	1,380	1,300	6.2%
SHORT TERM	U25	0	0	0.0%	0	0.0%	205	625	-67.2%
SHORT TERM	U26	0	0	0.0%	0	0.0%	1,230	350	251.4%
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	300	0	0.0%	400	-25.0%	3,275	580	464.7%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	100	-100.0%	3,075	1,898	62.0%
SHORT TERM NATURAL GAS	U03	0	200	-100.0%	200	-100.0%	725	1,625	-55.4%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	2,500	1,100	127.3%
SHORT TERM NATURAL GAS	U05	300	0	0.0%	0	0.0%	2,325	500	365.0%
SHORT TERM NATURAL GAS	U06	100	0	0.0%	0	0.0%	1,930	1,425	35.4%
SHORT TERM NATURAL GAS	U07	300	300	0.0%	200	50.0%	3,500	1,720	103.5%
SHORT TERM NATURAL GAS	U08	0	300	-100.0%	700	-100.0%	2,047	1,625	26.0%
SHORT TERM NATURAL GAS	U09	0	380	-100.0%	1,425	-100.0%	3,392	3,181	6.6%
SHORT TERM NATURAL GAS	U10	0	125	-100.0%	675	-100.0%	3,565	1,600	122.8%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	1,775	-100.0%	3,310	2,250	47.1%
SHORT TERM NATURAL GAS	U17	0	150	-100.0%	100	-100.0%	780	1,035	-24.6%
SHORT TERM NATURAL GAS	U18	525	0	0.0%	0	0.0%	2,080	475	337.9%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	1,080	2,245	-51.9%
SHORT TERM NATURAL GAS	U20	0	250	-100.0%	300	-100.0%	1,030	1,180	-12.7%
SHORT TERM NATURAL GAS	U21	100	200	-50.0%	0	0.0%	575	1,350	-57.4%
SHORT TERM NATURAL GAS	U27	100	100	0.0%	0	0.0%	900	1,025	-12.2%
SHORT TERM NATURAL GAS	U28	1,250	0	0.0%	100	1,150.0%	3,275	375	773.3%
SHORT TERM NATURAL GAS	U29	225	0	0.0%	150	50.0%	2,450	700	250.0%
SHORT TERM NATURAL GAS	U30	0	50	-100.0%	100	-100.0%	600	3,225	-81.4%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	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	500	-100.0%
WTI 6 MONTH CALENDAR OPTI	WM	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	14,350	13,800	4.0%	7,700	86.4%	136,840	168,510	-18.8%
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	109,000	111,700	-2.4%	201,720	-46.0%	1,177,393	1,070,520	10.0%

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Commodity		VOLUME JUL 2016	VOLUME JUL 2015	% CHG	VOLUME JUN 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Metals Futures									
COMEX GOLD	GC	5,798,480	4,554,785	27.3%	4,936,322	17.5%	34,709,127	25,659,376	35.3%
NYMEX HOT ROLLED STEEL	HR	3,415	6,478	-47.3%	4,454	-23.3%	33,196	30,279	9.6%
NYMEX PLATINUM	PL	279,689	262,007	6.7%	435,018	-35.7%	2,173,484	1,977,584	9.9%
PALLADIUM	PA	104,219	102,665	1.5%	94,937	9.8%	773,833	750,509	3.1%
URANIUM	UX	0	0	0.0%	400	-100.0%	6,493	2,347	176.7%
COMEX SILVER	SI	1,458,746	988,399	47.6%	1,828,292	-20.2%	10,311,808	7,856,950	31.2%
COMEX E-Mini GOLD	QO	15,804	7,432	112.6%	11,984	31.9%	80,676	40,721	98.1%
E-MINI SILVER	6Q	0	0	0.0%	0	-	0	0	0.0%
COMEX E-Mini SILVER	QI	2,179	917	137.6%	1,573	38.5%	8,560	6,378	34.2%
COMEX COPPER	HG	1,510,169	1,410,276	7.1%	2,148,740	-29.7%	11,890,930	9,915,019	19.9%
COMEX MINY COPPER	QC	334	501	-33.3%	560	-40.4%	4,116	6,070	-32.2%
Aluminium MW Trans Prem Platts	AUP	6,192	3,809	62.6%	7,600	-18.5%	43,399	21,232	104.4%
ALUMINUM	A38	50	0	-	0	-	50	0	-
ALUMINUM	AEP	1,350	0	-	820	64.6%	7,529	0	-
ALUMINUM	ALI	665	174	282.2%	836	-20.5%	4,394	2,389	83.9%
ALUMINUM	EDP	420	0	-	1,146	-63.4%	2,490	0	-
ALUMINUM	MJP	341	0	-	1,150	-70.3%	4,663	0	-
COPPER	HGS	30	437	-93.1%	651	-95.4%	2,838	2,585	9.8%
E-MICRO GOLD	MGC	97,398	37,325	160.9%	115,919	-16.0%	667,510	197,345	238.2%
FERROUS PRODUCTS	BUS	0	0	0.0%	90	-100.0%	510	550	-7.3%
FERROUS PRODUCTS	SSF	0	0	0.0%	0	0.0%	0	0	0.0%
Gold Kilo	GCK	3,717	3,094	20.1%	4,193	-11.4%	35,938	24,932	44.1%
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	150	-100.0%	0	0.0%	2,470	2,508	-1.5%
IRON ORE 62 CHINA TSI FUTURES	TIO	12,551	11,495	9.2%	8,985	39.7%	123,334	67,344	83.1%
LNDN ZINC	ZNC	35	67	-47.8%	36	-2.8%	186	68	173.5%
METALS	LED	0	0	-	5	-100.0%	5	0	-
SILVER	SIL	12,077	8,838	36.6%	9,572	26.2%	59,210	60,684	-2.4%
Metals Options									
COMEX COPPER	HX	5,791	2,086	177.6%	2,443	137.0%	19,314	15,188	27.2%
COMEX GOLD	OG	585,536	845,923	-30.8%	893,179	-34.4%	5,783,901	4,492,957	28.7%
COMEX SILVER	SO	134,625	121,351	10.9%	98,847	36.2%	800,592	804,464	-0.5%



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Metals Options									
COPPER	H4E	0	0	0.0%	0	0.0%	0	10	-100.0%
GOLD	OG1	463	259	78.8%	1,656	-72.0%	7,119	2,564	177.7%
GOLD	OG2	1,905	406	369.2%	1,093	74.3%	8,290	4,808	72.4%
GOLD	OG3	1,383	430	221.6%	556	148.7%	6,602	3,862	70.9%
GOLD	OG4	934	200	367.0%	741	26.0%	4,469	1,488	200.3%
GOLD	OG5	626	340	84.1%	0	0.0%	2,436	1,099	121.7%
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	1,230	6,570	-81.3%	390	215.4%	33,201	14,310	132.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	5,162	7,950	-35.1%	2,100	145.8%	23,386	38,670	-39.5%
NYMEX PLATINUM	PO	2,657	3,897	-31.8%	1,052	152.6%	27,685	41,474	-33.2%
PALLADIUM	PAO	5,392	2,727	97.7%	1,837	193.5%	21,488	27,728	-22.5%
SHORT TERM	L11	0	0	0.0%	0	-	0	0	0.0%
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	78	-100.0%	0	0.0%	1	182	-99.5%
SILVER	SO3	195	3	6,400.0%	0	0.0%	200	194	3.1%
SILVER	SO4	1	10	-90.0%	0	0.0%	10	140	-92.9%
SILVER	SO5	0	6	-100.0%	0	0.0%	6	203	-97.0%
TOTAL FUTURES GROUP									
Commodities and Alternative Investments Futures		366	452	-19.0%	384	-4.7%	2,502	2,493	0.4%
Energy Futures		37,736,878	33,906,382	11.3%	43,036,657	-12.3%	300,615,739	241,956,776	24.2%
Metals Futures		9,307,861	7,398,849	25.8%	9,613,283	-3.2%	60,946,749	46,624,870	30.7%
TOTAL FUTURES		47,045,105	41,305,683	13.9%	52,650,324	-10.6%	361,564,990	288,584,139	25.3%
TOTAL OPTIONS GROUP									
Energy Options		6,367,709	6,438,938	-1.1%	6,876,764	-7.4%	46,530,860	40,779,436	14.1%
Metals Options		745,900	992,236	-24.8%	1,003,894	-25.7%	6,738,712	5,449,764	23.7%
TOTAL OPTIONS		7,113,609	7,431,174	-4.3%	7,880,658	-9.7%	53,269,572	46,229,200	15.2%

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TOTAL COMBINED								
Commodities and Alternative Investments	366	452	-19.0%	384	-4.7%	2,502	2,493	0.4%
Energy	44,104,587	40,345,320	9.3%	49,913,421	-11.6%	347,146,599	282,736,212	22.8%
Metals	10,053,761	8,391,085	19.8%	10,617,177	-5.3%	67,685,461	52,074,634	30.0%
GRAND TOTAL	54,158,714	48,736,857	11.1%	60,530,982	-10.5%	414,834,562	334,813,339	23.9%