

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest FEB 2017	Open Interest FEB 2016	% CHG	Open Interest JAN 2017	% CHG
Commodities and Alternative Investments Futures						
COCOA TAS	CJ	12	6	100.0%	13	-7.7%
COFFEE	KT	0	17	-100.0%	1	-100.0%
COTTON	TT	2	6	-66.7%	3	-33.3%
SUGAR 11	YO	0	22	-100.0%	1	-100.0%
Energy Futures						
CRUDE OIL PHY	CL	2,129,674	1,780,593	19.6%	2,194,908	-3.0%
CRUDE OIL	WS	3,933	5,562	-29.3%	5,526	-28.8%
MINY WTI CRUDE OIL	QM	3,500	7,735	-54.8%	4,256	-17.8%
BRENT OIL LAST DAY	BZ	137,538	174,427	-21.1%	130,335	5.5%
HEATING OIL PHY	HO	406,113	361,825	12.2%	405,989	0.0%
HTG OIL	BH	219	2,092	-89.5%	614	-64.3%
MINY HTG OIL	QH	1	2	-50.0%	0	-
RBOB PHY	RB	391,920	406,067	-3.5%	426,771	-8.2%
MINY RBOB GAS	QU	0	0	-	0	0.0%
NATURAL GAS	HP	113,089	103,723	9.0%	120,046	-5.8%
LTD NAT GAS	HH	365,301	289,138	26.3%	362,635	0.7%
MINY NATURAL GAS	QG	1,830	3,117	-41.3%	1,788	2.3%
PJM MONTHLY	JM	3,624	12,000	-69.8%	3,836	-5.5%
NATURAL GAS PHY	NG	1,334,139	1,035,699	28.8%	1,175,887	13.5%
RBOB GAS	RT	1,162	4,289	-72.9%	1,356	-14.3%
3.5% FUEL OIL CID MED SWA	7D	829	781	6.1%	931	-11.0%
3.5% FUEL OIL CIF BALMO S	8D	90	60	50.0%	25	260.0%
AEP-DAYTON HUB DAILY	VD	212	268	-20.9%	192	10.4%
AEP-DAYTON HUB MTHLY	VM	770	1,699	-54.7%	840	-8.3%
AEP-DAYTON HUB OFF-PEAK M	VP	550	1,481	-62.9%	600	-8.3%
ALGON CITY GATES NAT GAS	N7	2,184	0	-	2,432	-10.2%
ALGONQUIN CITYGATES BASIS	B4	2,265	1,357	66.9%	2,573	-12.0%
ANR LOUISIANA BASIS SWAP	ND	31	856	-96.4%	59	-47.5%
ANR OKLAHOMA	NE	3,355	7,334	-54.3%	3,439	-2.4%
APPALACHIAN COAL (PHY)	QL	0	105	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	E5	17,958	19,445	-7.6%	11,503	56.1%
ARGUS PROPAN FAR EST INDE	7E	1,587	1,450	9.4%	1,528	3.9%
ARGUS PROPAN(SAUDI ARAMCO	9N	731	970	-24.6%	794	-7.9%
AUSTRIALIAN COKE COAL	ALW	965	796	21.2%	882	9.4%
BRENT BALMO SWAP	J9	0	323	-100.0%	25	-100.0%
BRENT CALENDAR SWAP	CY	16,267	16,333	-0.4%	14,997	8.5%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	3,114	7,093	-56.1%	5,642	-44.8%
BRENT FINANCIAL FUTURES	MBC	0	1,394	-100.0%	0	-
BRENT FINANCIAL FUTURES	MDB	0	40	-100.0%	0	-
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	7,700	0	-	7,700	0.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	550	-100.0%
CANADIAN LIGHT SWEET OIL	CIL	8,590	5,532	55.3%	9,310	-7.7%
CENTERPOINT BASIS SWAP	PW	17,478	16,329	7.0%	18,721	-6.6%
CENTERPOINT EAST INDEX	II	0	0	-	0	-
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	-	0	-
CHICAGO ETHANOL SWAP	CU	57,941	44,425	30.4%	59,739	-3.0%
CHICAGO ULSD (PLATTS) SWA	4C	0	33	-100.0%	0	-

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Energy Futures						
CHICAGO ULSD PL VS HO SPR	5C	1,509	2,143	-29.6%	1,280	17.9%
CHICAGO UNL GAS PL VS RBO	3C	33	1,119	-97.1%	36	-8.3%
CIG BASIS	CI	44,628	43,616	2.3%	46,755	-4.5%
CIG ROCKIES NG INDEX SWA	Z8	0	930	-100.0%	0	-
CINERGY HUB OFF-PEAK MONT	EJ	136	708	-80.8%	140	-2.9%
CINERGY HUB PEAK MONTH	EM	288	462	-37.7%	288	0.0%
CIN HUB 5MW D AH O PK	K2	284,800	356,560	-20.1%	238,800	19.3%
CIN HUB 5MW D AH PK	H5	18,071	23,172	-22.0%	16,195	11.6%
CIN HUB 5MW REAL TIME O P	H4	638,104	980,240	-34.9%	652,536	-2.2%
CIN HUB 5MW REAL TIME PK	H3	47,959	47,038	2.0%	49,533	-3.2%
COAL SWAP	ACM	220	945	-76.7%	265	-17.0%
COAL SWAP	SSI	10	158	-93.7%	15	-33.3%
COLUMB GULF MAINLINE NG B	5Z	16,990	34,588	-50.9%	18,474	-8.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	-	0	-
COLUMBIA GULF ONSHORE	GL	14,382	26,395	-45.5%	15,698	-8.4%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	417	733	-43.1%	353	18.1%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,014	415	144.3%	857	18.3%
CONWAY PROPANE 5 DECIMALS SWAP	8K	15,040	14,122	6.5%	16,897	-11.0%
CRUDE OIL	CHB	0	0	-	0	-
CRUDE OIL	LPS	19,950	15,028	32.8%	20,380	-2.1%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	249	23	982.6%	85	192.9%
CRUDE OIL OUTRIGHTS	CSW	1,365	0	-	1,520	-10.2%
CRUDE OIL OUTRIGHTS	DBL	100	1,120	-91.1%	200	-50.0%
CRUDE OIL OUTRIGHTS	FE	0	0	-	100	-100.0%
CRUDE OIL OUTRIGHTS	GSW	100	0	-	80	25.0%
CRUDE OIL OUTRIGHTS	HTT	20,597	0	-	18,847	9.3%
CRUDE OIL OUTRIGHTS	WCC	11,359	17,189	-33.9%	11,040	2.9%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	38	0	325	-100.0%	250	-100.0%
CRUDE OIL SPRDS	WTT	29,740	5,719	420.0%	28,940	2.8%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	14,688	19,776	-25.7%	14,688	0.0%
DAILY PJM	IDO	16,863	22,641	-25.5%	22,440	-24.9%
DAILY PJM	NOC	11,520	9,696	18.8%	13,440	-14.3%
DAILY PJM	PAP	1,776	1,070	66.0%	1,175	51.1%
DAILY PJM	PEO	17,315	17,640	-1.8%	2,200	687.0%
DAILY PJM	PNO	84,645	28,289	199.2%	70,576	19.9%
DAILY PJM	PNP	4,434	1,172	278.3%	3,425	29.5%
DAILY PJM	PWO	92,520	47,245	95.8%	72,600	27.4%
DAILY PJM	PWP	5,637	3,235	74.3%	4,150	35.8%
DAILY PJM	WOR	22,848	39,648	-42.4%	22,848	0.0%
DAILY PJM	ZAO	13,890	26,345	-47.3%	13,200	5.2%
DAILY PJM	ZGO	13,683	14,969	-8.6%	28,600	-52.2%
DAILY PJM	ZJO	4,075	5,973	-31.8%	11,000	-63.0%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	9,055	8,258	9.7%	10,310	-12.2%
DEMARCO INDEX FUTURE	DI	0	0	-	0	-
DEMARCO SWING SWAP	DT	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DIESEL10PPM BARG VS ICE LS	LSE	0	0	-	0	-
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-

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DOMINION TRAN INC - APP I	IH	2,920	1,278	128.5%	2,920	0.0%
DOMINION TRANSMISSION INC	PG	60,985	40,838	49.3%	59,984	1.7%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	19,752	2,653	644.5%	21,870	-9.7%
DY EURO 3.5% FUEL OI RDA	FOR	225	0	-	1,500	-85.0%
EASTERN RAIL DELIVERY CSX	QX	2,005	2,865	-30.0%	2,005	0.0%
EAST/WEST FUEL OIL SPREAD	EW	887	461	92.4%	887	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	4,286	5,682	-24.6%	4,213	1.7%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I7	0	72	-100.0%	0	-
ELEC ERCOT DLY PEAK	N1	0	0	-	0	-
ELEC ERCOT DLY PEAK	R1	0	30	-100.0%	0	-
ELEC ERCOT OFF PEAK	O1	0	0	-	0	-
ELEC FINSETTLED	47	2,699	2,804	-3.7%	2,804	-3.7%
ELEC FINSETTLED	49	0	1,175	-100.0%	0	-
ELEC MISO PEAK	4L	215	1,351	-84.1%	215	0.0%
ELEC MISO PEAK	55	932	1,956	-52.4%	1,016	-8.3%
ELEC NYISO OFF-PEAK	4M	0	24,340	-100.0%	0	-
ELEC NYISO OFF-PEAK	58	17,152	35,904	-52.2%	18,784	-8.7%
ELECTRICITY OFF PEAK	46	49,504	51,544	-4.0%	51,544	-4.0%
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ELECTRICITY OFF PEAK	50	0	21,400	-100.0%	0	-
ELEC WEST POWER OFF-PEAK	MDA	0	0	-	0	-
ELEC WEST POWER PEAK	MDC	3,850	0	-	3,850	0.0%
EL PASO PERMIAN INDEX SWA	IL	0	372	-100.0%	0	-
EMMISSIONS	CPL	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	480	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	19,600	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW PEAK	I5	430	1,498	-71.3%	430	0.0%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,341	3,303	31.4%	4,411	-1.6%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	-	0	-
EURO 1% FUEL OIL NEW BALM	KX	5	37	-86.5%	0	-
EURO 3.5% FUEL OIL RDAM B	KR	510	330	54.5%	829	-38.5%
EURO 3.5% FUEL OIL SPREAD	FK	2,558	924	176.8%	2,857	-10.5%
EURO-DENOMINATED PETRO PROD	IBE	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	NCP	99	0	-	500	-80.2%
EURO GASOIL 10 CAL SWAP	GT	0	3	-100.0%	0	-
EURO GASOIL 10PPM VS ICE	ET	289	865	-66.6%	330	-12.4%
EUROPE 1% FUEL OIL NWE CA	UF	290	404	-28.2%	254	14.2%
EUROPE 1% FUEL OIL RDAM C	UH	0	146	-100.0%	8	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	1,021	894	14.2%	1,116	-8.5%
EUROPE 3.5% FUEL OIL RDAM	UV	11,309	9,547	18.5%	12,778	-11.5%
EUROPEAN GASOIL (ICE)	7F	3,131	6,859	-54.4%	3,537	-11.5%
EUROPEAN NAPHTHA BALMO	KZ	245	157	56.1%	409	-40.1%
EUROPEAN NAPHTHA CRACK SPR	EN	10,343	10,410	-0.6%	10,342	0.0%
EUROPE DATED BRENT SWAP	UB	39	8,527	-99.5%	339	-88.5%
EUROPE JET KERO NWE CALSW	UJ	0	19	-100.0%	0	-
EUROPE NAPHTHA CALSWAP	UN	2,693	1,190	126.3%	2,433	10.7%
EURO PROPANE CIF ARA SWA	PS	1,475	967	52.5%	1,570	-6.1%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	FP	868	1,326	-34.5%	1,708	-49.2%
FREIGHT MARKETS	FLP	1,094	705	55.2%	1,188	-7.9%
FUEL OIL CRACK VS ICE	FO	18,468	16,773	10.1%	18,275	1.1%

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FUEL OIL NWE CRACK VS ICE	FI	0	209	-100.0%	0	-
FUEL OIL (PLATS) CAR CM	1W	158	139	13.7%	211	-25.1%
FUEL OIL (PLATS) CAR CN	1X	0	51	-100.0%	0	-
FUELOIL SWAP:CARGOES VS.B	FS	1,043	1,458	-28.5%	1,041	0.2%
GAS EURO-BOB OXY NWE BARGES	7H	5,670	7,849	-27.8%	5,693	-0.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	31,244	35,799	-12.7%	30,537	2.3%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-
GASOIL 0.1 CARGOES CIF NE	TW	0	0	-	0	-
GASOIL 0.1 CIF MED BALMO	X6	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	Z4	0	40	-100.0%	0	-
GASOIL 0.1CIF MED VS ICE	Z5	105	100	5.0%	60	75.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	20	0	-	20	0.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	35	75	-53.3%	45	-22.2%
GASOIL 0.1 ROTTERDAM BARG	VL	35	0	-	30	16.7%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	TY	0	3	-100.0%	0	-
GASOIL 10PPM VS ICE SWAP	TP	892	180	395.6%	821	8.6%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	70	47	48.9%	75	-6.7%
GASOIL CRACK SPREAD CALEN	GZ	21,074	7,261	190.2%	18,079	16.6%
GASOIL MINI CALENDAR SWAP	QA	277	1,071	-74.1%	230	20.4%
GASOLINE UP-DOWN BALMO SW	1K	0	160	-100.0%	0	-
GC ULSD VS GC JET SPREAD	VV	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	A7	275	0	-	300	-8.3%
GRP THREE ULSD(PLT)VS HEA	A6	5,445	6,367	-14.5%	5,972	-8.8%
GRP THREE UNL GS (PLT) VS	A8	4,015	5,100	-21.3%	4,315	-7.0%
GULF COAST 3% FUEL OIL BA	VZ	2,560	320	700.0%	311	723.2%
GULF COAST GASOLINE CLNDR	GS	0	1,300	-100.0%	0	-
GULF COAST JET FUEL CLNDR	GE	1,083	898	20.6%	1,213	-10.7%
GULF COAST JET VS NYM 2 H	ME	36,203	33,548	7.9%	33,397	8.4%
GULF COAST NO.6 FUEL OIL	MF	52,287	58,118	-10.0%	56,126	-6.8%
GULF COAST NO.6 FUEL OIL	MG	5,301	9,124	-41.9%	6,726	-21.2%
GULF COAST ULSD CALENDAR	LY	3,446	5,309	-35.1%	3,479	-0.9%
GULF COAST ULSD CRACK SPR	GY	2,508	7,717	-67.5%	2,833	-11.5%
HEATING OIL BALMO CLNDR S	1G	0	100	-100.0%	0	-
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HEATING OIL VS ICE GASOIL	HA	0	0	-	0	-
HENRY HUB BASIS SWAP	HB	43,387	68,822	-37.0%	41,394	4.8%
HENRY HUB INDEX SWAP FUTU	IN	25,271	35,545	-28.9%	20,807	21.5%
HENRY HUB SWAP	NN	1,286,593	1,451,477	-11.4%	1,305,939	-1.5%
HENRY HUB SWING FUTURE	SN	0	40	-100.0%	0	-
HOUSTON SHIP CHANNEL BASI	NH	23,401	26,858	-12.9%	23,821	-1.8%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	2,617	3,425	-23.6%	3,017	-13.3%
ICE BRENT DUBAI SWAP	DB	16,906	3,045	455.2%	15,518	8.9%
IN DELIVERY MONTH EUA	6T	10,748	46,500	-76.9%	10,748	0.0%
INDIANA MISO	FAD	17,440	24,040	-27.5%	11,200	55.7%
INDIANA MISO	FDM	0	0	-	0	-
INDIANA MISO	FTD	3,936	6,528	-39.7%	3,936	0.0%
INDIANA MISO	FTM	0	42,800	-100.0%	0	-

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INDIANA MISO	PDD	1,946	1,805	7.8%	1,486	31.0%
INDIANA MISO	PDM	0	746	-100.0%	0	-
INDIANA MISO	PTD	427	222	92.3%	497	-14.1%
INDIANA MISO	PTM	0	0	-	0	-
INDONESIAN COAL	MCC	5	105	-95.2%	0	-
ISO NEW ENGLAND OFF-PEAK	KI	154	586	-73.7%	168	-8.3%
ISO NEW ENGLAND PK LMP	NI	197	589	-66.6%	234	-15.8%
JAPAN C&F NAPHTHA CRACK S	JB	1,151	1,408	-18.3%	1,215	-5.3%
JAPAN C&F NAPHTHA SWAP	JA	1,659	1,520	9.1%	1,543	7.5%
JAPAN NAPHTHA BALMO SWAP	E6	47	0	-	50	-6.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	33	49	-32.7%	39	-15.4%
JET BARGES VS ICE GASOIL	JR	0	28	-100.0%	0	-
JET CIF NWE VS ICE	JC	293	370	-20.8%	368	-20.4%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	0	30	-100.0%	10	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	2,975	3,555	-16.3%	4,603	-35.4%
LA CARB DIESEL (OPIS)	LX	65	169	-61.5%	78	-16.7%
LA CARB DIESEL (OPIS) SWA	KL	359	586	-38.7%	451	-20.4%
LA CARBOB GASOLINE(OPIS)S	JL	400	2,450	-83.7%	250	60.0%
LA JET FUEL VS NYM NO 2 H	MQ	25	718	-96.5%	30	-16.7%
LA JET (OPIS) SWAP	JS	2,060	1,875	9.9%	2,385	-13.6%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	28,905	43,589	-33.7%	26,108	10.7%
MARS (ARGUS) VS WTI SWAP	YX	14,880	16,536	-10.0%	13,861	7.4%
MARS (ARGUS) VS WTI TRD M	YV	30,279	9,655	213.6%	19,380	56.2%
MARS BLEND CRUDE OIL	MB	2,694	1,140	136.3%	3,074	-12.4%
MCCLOSKY ARA ARGS COAL	MTF	72,937	130,869	-44.3%	75,926	-3.9%
MCCLOSKY RCH BAY COAL	MFF	14,580	30,142	-51.6%	15,802	-7.7%
MGF FUT	MGF	0	60	-100.0%	0	-
MGN1 SWAP FUT	MGN	566	695	-18.6%	551	2.7%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-
MICHIGAN BASIS	NF	11,512	9,315	23.6%	12,076	-4.7%
MICHIGAN MISO	HMO	197,040	225,440	-12.6%	150,240	31.2%
MICHIGAN MISO	HMW	13,025	15,105	-13.8%	10,670	22.1%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	196	758	-74.1%	447	-56.2%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	230	196	17.3%	666	-65.5%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	3,514	1,166	201.4%	4,327	-18.8%
MJB FUT	MJB	0	0	-	0	-
MJC FUT	MJC	251	303	-17.2%	259	-3.1%
MNC FUT	MNC	4,274	5,150	-17.0%	4,298	-0.6%
MONT BELVIEU ETHANE 5 DECIMAL	C0	94,216	43,273	117.7%	104,659	-10.0%
MONT BELVIEU ETHANE OPIS BALMO	8C	570	150	280.0%	965	-40.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	116,404	126,279	-7.8%	126,515	-8.0%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	3,137	581	439.9%	3,160	-0.7%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	13,958	14,904	-6.3%	16,471	-15.3%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	160	185	-13.5%	771	-79.2%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	37,756	31,645	19.3%	38,558	-2.1%
MONT BELVIEU NORMAL BUTANE BALMO	8J	603	979	-38.4%	1,085	-44.4%
NAT GAS BASIS SWAP	SGW	0	0	-	0	-
NAT GAS BASIS SWAP	TZ6	12,351	4,639	166.2%	12,585	-1.9%
NATURAL GAS	HBI	0	0	-	0	-
NATURAL GAS	XSC	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	1,224	-100.0%	0	-

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Energy Futures						
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	1,260	4,644	-72.9%	1,440	-12.5%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	1,224	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	220	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	276	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	36	-100.0%	0	-
NATURAL GAS INDEX	TZI	1,620	0	-	1,992	-18.7%
NATURAL GAS PEN SWP	NP	279,922	309,895	-9.7%	279,366	0.2%
NEPOOL CNCTCT 5MW D AH O	P3	4,288	4,696	-8.7%	4,696	-8.7%
NEPOOL CONECTIC 5MW D AH	P2	233	254	-8.3%	254	-8.3%
NEPOOL INTR HUB 5MW D AH	H2	620,505	335,783	84.8%	549,040	13.0%
NEPOOL INTR HUB 5MW D AH	U6	43,718	15,682	178.8%	38,261	14.3%
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-
NEPOOL NEW HAMP 5MW D AH	U2	0	0	-	0	-
NEPOOL NEW HAMP 5MW D AH	U3	0	0	-	0	-
NEPOOL RHD ISLD 5MW D AH	U4	1,466	9,833	-85.1%	1,718	-14.7%
NEPOOL RHODE IL 5MW D AH	U5	26,529	148,450	-82.1%	31,425	-15.6%
NEPOOL SE MASS 5MW D AH O	P5	0	0	-	0	-
NEPOOL SE MASS 5MW D AH P	P4	0	0	-	0	-
NEPOOL W CNT MASS 5MW D A	L9	8,576	42,032	-79.6%	9,392	-8.7%
NEPOOL W CNTR M 5MW D AH	R6	781	2,543	-69.3%	928	-15.8%
NEW ENGLAND HUB PEAK DAIL	CE	1,394	1,870	-25.5%	1,271	9.7%
NEW YORK ETHANOL SWAP	EZ	775	4,465	-82.6%	1,550	-50.0%
NEW YORK HUB ZONE G PEAK	GN	2,877	2,422	18.8%	4,284	-32.8%
NEW YORK HUB ZONE J PEAK	JN	604	1,164	-48.1%	341	77.1%
NGPL MID-CONTINENT	NL	31,456	41,972	-25.1%	32,093	-2.0%
NGPL MIDCONTINENT INDEX	IW	0	4,280	-100.0%	0	-
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-
NGPL TEX/OK	PD	37,028	62,634	-40.9%	38,764	-4.5%
NGPL TEXOK INDEX	OI	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	196	208	-5.8%	196	0.0%
N ILLINOIS HUB MTHLY	UM	220	460	-52.2%	240	-8.3%
NO 2 UP-DOWN SPREAD CALEN	UT	1,860	2,266	-17.9%	1,671	11.3%
NORTHEN NATURAL GAS DEMAR	PE	2,850	1,628	75.1%	2,936	-2.9%
NORTHEN NATURAL GAS VENTU	PF	4,876	1,629	199.3%	5,212	-6.4%
NORTHERN ILLINOIS OFF-PEA	UO	0	920	-100.0%	0	-
NORTHWEST ROCKIES BASIS S	NR	67,169	69,293	-3.1%	70,447	-4.7%
N ROCKIES PIPE SWAP	XR	487	759	-35.8%	515	-5.4%
NY1% VS GC SPREAD SWAP	VR	8,023	5,534	45.0%	8,236	-2.6%
NY 2.2% FUEL OIL (PLATTS	Y3	80	530	-84.9%	300	-73.3%
NY 3.0% FUEL OIL (PLATTS	H1	1,000	1,375	-27.3%	975	2.6%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	11,679	15,429	-24.3%	13,963	-16.4%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	1,426	950	50.1%	1,927	-26.0%
NY HARBOR RESIDUAL FUEL 1	MM	3,779	7,982	-52.7%	4,219	-10.4%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	9,665	14,037	-31.1%	10,167	-4.9%
NY H OIL PLATTS VS NYMEX	YH	0	18	-100.0%	0	-
NYISO A	KA	0	4,850	-100.0%	0	-
NYISO A OFF-PEAK	KB	0	1,480	-100.0%	0	-
NYISO CAPACITY	LHV	344	0	-	270	27.4%
NYISO CAPACITY	NNC	1,634	2,228	-26.7%	1,575	3.7%

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NYISO CAPACITY	NRS	1,668	3,054	-45.4%	1,732	-3.7%
NYISO G	KG	0	535	-100.0%	0	-
NYISO G OFF-PEAK	KH	0	260	-100.0%	0	-
NYISO J	KJ	1,466	5,482	-73.3%	1,571	-6.7%
NYISO J OFF-PEAK	KK	330	862	-61.7%	360	-8.3%
NYISO ZONE A 5MW D AH O P	K4	158,310	314,375	-49.6%	169,560	-6.6%
NYISO ZONE A 5MW D AH PK	K3	11,780	13,507	-12.8%	11,910	-1.1%
NYISO ZONE C 5MW D AH O P	A3	0	21,400	-100.0%	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	1,175	-100.0%	0	-
NYISO ZONE G 5MW D AH O P	D2	356,741	283,773	25.7%	326,016	9.4%
NYISO ZONE G 5MW D AH PK	T3	24,160	25,772	-6.3%	24,540	-1.5%
NYISO ZONE J 5MW D AH O P	D4	281,821	139,845	101.5%	174,096	61.9%
NYISO ZONE J 5MW D AH PK	D3	16,198	13,582	19.3%	11,581	39.9%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	-	0	-
NYMEX ALUMINUM FUTURES	AN	772	1,640	-52.9%	620	24.5%
NYMEX ULSD VS NYMEX HO	UY	0	777	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	3,943	3,236	21.8%	5,289	-25.4%
ONEOK OKLAHOMA NG BASIS	8X	1,524	3,772	-59.6%	1,708	-10.8%
ONTARIO POWER SWAPS	OFD	960	2,688	-64.3%	960	0.0%
ONTARIO POWER SWAPS	OFM	39,360	142,745	-72.4%	42,880	-8.2%
ONTARIO POWER SWAPS	OPD	90	150	-40.0%	60	50.0%
ONTARIO POWER SWAPS	OPM	1,175	5,895	-80.1%	1,265	-7.1%
PANHANDLE BASIS SWAP FUTU	PH	36,594	45,525	-19.6%	38,118	-4.0%
PANHANDLE INDEX SWAP FUTU	IV	0	558	-100.0%	0	-
PANHANDLE PIPE SWAP	XH	0	0	-	0	-
PERMIAN BASIS SWAP	PM	19,739	17,431	13.2%	20,495	-3.7%
PETROCHEMICALS	22	32	53	-39.6%	106	-69.8%
PETROCHEMICALS	32	72	53	35.8%	212	-66.0%
PETROCHEMICALS	8I	2,374	2,434	-2.5%	2,078	14.2%
PETROCHEMICALS	91	547	146	274.7%	423	29.3%
PETROCHEMICALS	HPE	0	0	-	0	-
PETROCHEMICALS	LPE	0	0	-	0	-
PETROCHEMICALS	MAC	40	30	33.3%	0	-
PETROCHEMICALS	MAE	0	20	-100.0%	10	-100.0%
PETROCHEMICALS	MAS	30	105	-71.4%	65	-53.8%
PETROCHEMICALS	MBE	2,105	2,800	-24.8%	2,270	-7.3%
PETROCHEMICALS	MNB	2,116	1,656	27.8%	2,617	-19.1%
PETRO CRCKS & SPRDS ASIA	STI	105	333	-68.5%	105	0.0%
PETRO CRCKS & SPRDS ASIA	STR	200	250	-20.0%	200	0.0%
PETRO CRCKS & SPRDS ASIA	STS	100	0	-	150	-33.3%
PETRO CRCKS & SPRDS NA	CRB	970	1,302	-25.5%	988	-1.8%
PETRO CRCKS & SPRDS NA	EXR	3,497	1,462	139.2%	3,482	0.4%
PETRO CRCKS & SPRDS NA	FOC	1,510	3,775	-60.0%	1,855	-18.6%
PETRO CRCKS & SPRDS NA	GBB	700	0	-	800	-12.5%
PETRO CRCKS & SPRDS NA	GCC	400	550	-27.3%	725	-44.8%
PETRO CRCKS & SPRDS NA	GCI	3,764	2,679	40.5%	4,581	-17.8%
PETRO CRCKS & SPRDS NA	GCM	0	18	-100.0%	22	-100.0%
PETRO CRCKS & SPRDS NA	GCU	22,876	29,871	-23.4%	23,633	-3.2%
PETRO CRCKS & SPRDS NA	GFC	285	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	12,606	13,649	-7.6%	13,090	-3.7%
PETRO CRCKS & SPRDS NA	KSD	75	260	-71.2%	75	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-

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Energy Futures						
PETRO CRCKS & SPRDS NA	NYF	300	575	-47.8%	400	-25.0%
PETRO CRCKS & SPRDS NA	NYH	300	0	-	450	-33.3%
PETRO CRCKS & SPRDS NA	RBB	15,982	22,901	-30.2%	17,115	-6.6%
PETRO CRCKS & SPRDS NA	RVG	22,816	11,186	104.0%	20,266	12.6%
PETRO CRCKS & SPRDS NA	SF3	26	19	36.8%	36	-27.8%
PETRO CRK&SPRD EURO	1NB	3,539	5,424	-34.8%	3,401	4.1%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	
PETRO CRK&SPRD EURO	43	143	88	62.5%	266	-46.2%
PETRO CRK&SPRD EURO	BFR	0	105	-100.0%	0	-
PETRO CRK&SPRD EURO	BOB	5,328	6,296	-15.4%	5,011	6.3%
PETRO CRK&SPRD EURO	EOB	45	107	-57.9%	27	66.7%
PETRO CRK&SPRD EURO	EPN	605	213	184.0%	625	-3.2%
PETRO CRK&SPRD EURO	EVC	6,648	2,827	135.2%	7,119	-6.6%
PETRO CRK&SPRD EURO	FBT	0	210	-100.0%	0	-
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-
PETRO CRK&SPRD EURO	GCB	50	75	-33.3%	150	-66.7%
PETRO CRK&SPRD EURO	GOC	121	156	-22.4%	139	-12.9%
PETRO CRK&SPRD EURO	LSU	0	0	-	0	-
PETRO CRK&SPRD EURO	MGB	40	121	-66.9%	40	0.0%
PETRO CRK&SPRD EURO	MUD	462	264	75.0%	410	12.7%
PETRO CRK&SPRD EURO	NBB	28	48	-41.7%	10	180.0%
PETRO CRK&SPRD EURO	NOB	1,130	788	43.4%	1,190	-5.0%
PETRO CRK&SPRD EURO	SFB	5	0	-	125	-96.0%
PETRO CRK&SPRD EURO	SFC	0	0	-	0	-
PETROLEUM PRODUCTS	D44	0	0	-	0	-
PETROLEUM PRODUCTS	D45	0	0	-	0	-
PETROLEUM PRODUCTS	D46	0	0	-	0	-
PETROLEUM PRODUCTS	D64	0	0	-	0	-
PETROLEUM PRODUCTS	D65	0	0	-	0	-
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	7,999	0	-	8,590	-6.9%
PETROLEUM PRODUCTS	MBS	80	21	281.0%	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	968	-100.0%	0	-
PETROLEUM PRODUCTS	VU	0	210	-100.0%	489	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	0	105	-100.0%	15	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	2,133	1,117	91.0%	1,903	12.1%
PETROLEUM PRODUCTS ASIA	MSB	25	0	-	5	400.0%
PETRO OUTRIGHT EURO	0A	0	0	-	0	-
PETRO OUTRIGHT EURO	0B	98	254	-61.4%	138	-29.0%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	8,591	7,883	9.0%	9,656	-11.0%
PETRO OUTRIGHT EURO	0E	396	469	-15.6%	741	-46.6%
PETRO OUTRIGHT EURO	0F	1,846	1,447	27.6%	1,652	11.7%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-
PETRO OUTRIGHT EURO	33	176	204	-13.7%	180	-2.2%
PETRO OUTRIGHT EURO	5L	55	135	-59.3%	154	-64.3%
PETRO OUTRIGHT EURO	63	212	75	182.7%	115	84.3%
PETRO OUTRIGHT EURO	6L	2	0	-	0	-
PETRO OUTRIGHT EURO	7I	25	88	-71.6%	317	-92.1%
PETRO OUTRIGHT EURO	7P	0	0	-	0	-
PETRO OUTRIGHT EURO	7R	59	231	-74.5%	321	-81.6%
PETRO OUTRIGHT EURO	88	0	0	-	0	

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Energy Futures						
PETRO OUTRIGHT EURO	CBB	37	0	-	5	640.0%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	318	0	-	442	-28.1%
PETRO OUTRIGHT EURO	EFF	150	60	150.0%	25	500.0%
PETRO OUTRIGHT EURO	EFM	199	70	184.3%	279	-28.7%
PETRO OUTRIGHT EURO	ENS	165	306	-46.1%	120	37.5%
PETRO OUTRIGHT EURO	ESB	6	0	-	0	-
PETRO OUTRIGHT EURO	EWN	868	240	261.7%	691	25.6%
PETRO OUTRIGHT EURO	FBD	20	0	-	20	0.0%
PETRO OUTRIGHT EURO	MBB	30	0	-	60	-50.0%
PETRO OUTRIGHT EURO	MBN	2,760	4,288	-35.6%	2,612	5.7%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-
PETRO OUTRIGHT EURO	T0	794	184	331.5%	738	7.6%
PETRO OUTRIGHT EURO	ULB	0	0	-	375	-100.0%
PETRO OUTRIGHT EURO	V0	405	295	37.3%	405	0.0%
PETRO OUTRIGHT EURO	W0	0	0	-	0	-
PETRO OUTRIGHT EURO	X0	0	0	-	0	-
PETRO OUTRIGHT EURO	Y0	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	313	0	-	0	-
PETRO OUTRIGHT NA	FOB	0	0	-	0	-
PETRO OUTRIGHT NA	FOM	0	0	-	0	-
PETRO OUTRIGHT NA	GBA	0	0	-	0	-
PETRO OUTRIGHT NA	GUD	0	0	-	0	-
PETRO OUTRIGHT NA	JE	0	415	-100.0%	0	-
PETRO OUTRIGHT NA	JET	5,231	1,840	184.3%	5,574	-6.2%
PETRO OUTRIGHT NA	MBL	181	155	16.8%	175	3.4%
PETRO OUTRIGHT NA	MEN	339	764	-55.6%	887	-61.8%
PETRO OUTRIGHT NA	MEO	12,298	9,587	28.3%	9,543	28.9%
PETRO OUTRIGHT NA	MFD	0	176	-100.0%	35	-100.0%
PETRO OUTRIGHT NA	MMF	235	308	-23.7%	306	-23.2%
PETRO OUTRIGHT NA	NYT	625	0	-	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	731,496	1,468,178	-50.2%	783,189	-6.6%
PJM AD HUB 5MW REAL TIME	Z9	36,601	76,636	-52.2%	37,735	-3.0%
PJM AECO DA OFF-PEAK	X1	13,671	63,498	-78.5%	17,343	-21.2%
PJM AECO DA PEAK	Y1	765	3,499	-78.1%	954	-19.8%
PJM APS ZONE DA OFF-PEAK	W4	0	12,840	-100.0%	0	-
PJM APS ZONE DA PEAK	S4	0	705	-100.0%	0	-
PJM ATSI ELEC	MOD	82,085	23,400	250.8%	37,325	119.9%
PJM ATSI ELEC	MPD	4,455	1,275	249.4%	2,010	121.6%
PJM BGE DA OFF-PEAK	R3	34,279	15,567	120.2%	34,687	-1.2%
PJM BGE DA PEAK	E3	1,870	851	119.7%	1,891	-1.1%
PJM COMED 5MW D AH O PK	D9	117,115	77,965	50.2%	133,435	-12.2%
PJM COMED 5MW D AH PK	D8	6,485	6,850	-5.3%	7,325	-11.5%
PJM DAILY	JD	1,066	682	56.3%	868	22.8%
PJM DAYTON DA OFF-PEAK	R7	221,428	199,870	10.8%	206,155	7.4%
PJM DAYTON DA PEAK	D7	19,398	16,370	18.5%	23,243	-16.5%
PJM DUQUESNE 5MW D AH PK	D5	0	0	-	0	-
PJM DUQUS 5MW D AH O PK	D6	0	0	-	0	-
PJM JCPL DA OFF-PEAK	F2	15,190	62,070	-75.5%	19,270	-21.2%
PJM JCPL DA PEAK	J2	850	3,410	-75.1%	1,060	-19.8%
PJM NI HUB 5MW REAL TIME	B3	61,130	46,066	32.7%	64,986	-5.9%
PJM NI HUB 5MW REAL TIME	B6	1,657,185	1,242,501	33.4%	1,605,825	3.2%

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Energy Futures						
PJM NILL DA OFF-PEAK	L3	1,067,107	455,380	134.3%	1,137,232	-6.2%
PJM NILL DA PEAK	N3	53,434	21,838	144.7%	48,663	9.8%
PJM OFF-PEAK LMP SWAP FUT	JP	986	3,818	-74.2%	1,028	-4.1%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	-	0	-
PJM PEPKO DA OFF-PEAK	Q8	0	0	-	0	-
PJM PPL DA OFF-PEAK	F5	0	55,640	-100.0%	0	-
PJM PPL DA PEAK	L5	0	3,055	-100.0%	0	-
PJM PSEG DA OFF-PEAK	W6	124,595	93,600	33.1%	126,635	-1.6%
PJM PSEG DA PEAK	L6	5,100	2,550	100.0%	5,100	0.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	964,582	1,298,476	-25.7%	1,044,457	-7.6%
PJM WESTHDA PEAK	J4	54,310	70,993	-23.5%	59,232	-8.3%
PJM WESTH RT OFF-PEAK	N9	2,215,355	3,755,509	-41.0%	2,288,111	-3.2%
PJM WESTH RT PEAK	L1	153,216	215,487	-28.9%	165,224	-7.3%
PLASTICS	PGP	1,455	1,984	-26.7%	1,466	-0.8%
PREMIUM UNLD 10P FOB MED	3G	123	554	-77.8%	137	-10.2%
PREMIUM UNLEAD 10PPM FOB	8G	10	59	-83.1%	6	66.7%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	2	-100.0%	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	21	53	-60.4%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	990	175	465.7%	1,716	-42.3%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	32,919	22,308	47.6%	38,103	-13.6%
RBOB CALENDAR SWAP	RL	12,351	13,817	-10.6%	14,413	-14.3%
RBOB CRACK SPREAD	RM	3,074	5,016	-38.7%	3,319	-7.4%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	184	1,640	-88.8%	1,027	-82.1%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	RI	30	90	-66.7%	33	-9.1%
RBOB UP-DOWN CALENDAR SWA	RV	0	6,775	-100.0%	0	-
RBOB VS HEATING OIL SWAP	RH	4,489	2,540	76.7%	3,618	24.1%
ROCKIES KERN OPAL - NW IN	IR	0	1,336	-100.0%	0	-
SAN JUAN BASIS SWAP	NJ	36,060	19,293	86.9%	37,628	-4.2%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	72	10	620.0%	0	-
SINGAPORE 380CST BALMO	BT	282	36	683.3%	69	308.7%
SINGAPORE 380CST FUEL OIL	SE	15,386	7,151	115.2%	14,896	3.3%
SINGAPORE FUEL 180CST CAL	UA	2,641	1,533	72.3%	2,589	2.0%
SINGAPORE FUEL OIL SPREAD	SD	1,812	670	170.4%	1,681	7.8%
SINGAPORE GASOIL	MTB	130	546	-76.2%	238	-45.4%
SINGAPORE GASOIL	MTS	9,217	4,836	90.6%	6,757	36.4%
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	100	0	-	100	0.0%
SINGAPORE GASOIL CALENDAR	MSG	244	47	419.1%	218	11.9%
SINGAPORE GASOIL SWAP	SG	19,071	3,894	389.8%	20,764	-8.2%
SINGAPORE GASOIL VS ICE	GA	28,343	3,915	624.0%	23,393	21.2%
SINGAPORE JET KERO BALMO	BX	257	56	358.9%	0	-
SINGAPORE JET KERO GASOIL	RK	6,830	1,775	284.8%	6,890	-0.9%
SINGAPORE JET KEROSENE SW	KS	4,006	1,636	144.9%	2,365	69.4%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	82	25	228.0%	75	9.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	20,417	12,829	59.1%	21,865	-6.6%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-

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Energy Futures						
SING FUEL	MSD	0	0	-	10	-100.0%
SOCAL BASIS SWAP	NS	0	0	-	0	-
SOCAL PIPE SWAP	XN	760	3,360	-77.4%	1,520	-50.0%
SONAT BASIS SWAP FUTURE	SZ	612	5,172	-88.2%	668	-8.4%
SOUTHERN NAT LA NAT GAS	M8	0	522	-100.0%	0	-
SOUTH STAR TEX OKLHM KNS	8Z	495	1,042	-52.5%	523	-5.4%
Sumas Basis Swap	NK	7,869	11,232	-29.9%	8,037	-2.1%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	612	1,648	-62.9%	668	-8.4%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	15	-100.0%	0	-
TCO BASIS SWAP	TC	23,816	46,010	-48.2%	24,790	-3.9%
TCO NG INDEX SWAP	Q1	0	2,680	-100.0%	0	-
TENN 800 LEG NAT GAS INDE	L4	0	1,260	-100.0%	0	-
TENNESSEE 500 LEG BASIS S	NM	759	2,076	-63.4%	843	-10.0%
TENNESSEE 800 LEG NG BASI	6Z	490	2,142	-77.1%	546	-10.3%
TENNESSEE ZONE 0 BASIS SW	NQ	1,280	1,392	-8.0%	1,504	-14.9%
Tetco ELA Basis	TE	0	0	-	0	-
TETCO M-3 INDEX	IX	5,992	9,216	-35.0%	5,992	0.0%
Tetco STX Basis	TX	1,679	3,812	-56.0%	1,791	-6.3%
TEXAS EASTERN ZONE M-3 BA	NX	21,926	24,133	-9.1%	23,102	-5.1%
TEXAS GAS ZONE1 NG BASIS	9F	12,592	15,478	-18.6%	13,260	-5.0%
TRANSCO ZONE 1 NG BASIS	8E	0	0	-	0	-
Transco Zone 3 Basis	CZ	6,651	9,266	-28.2%	6,959	-4.4%
TRANSCO ZONE4 BASIS SWAP	TR	24,235	39,552	-38.7%	25,690	-5.7%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	8,526	5,059	68.5%	8,454	0.9%
TRANSCO ZONE 6 INDEX	IT	2,184	604	261.6%	1,576	38.6%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	-	0	-
UCM FUT	UCM	31	75	-58.7%	30	3.3%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-
ULSD 10PPM CIF MED VS ICE	Z7	24	134	-82.1%	21	14.3%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	2,850	2,000	42.5%	7,295	-60.9%
UP DOWN GC ULSD VS NMX HO	LT	48,281	52,932	-8.8%	50,228	-3.9%
USGC UNL 87 CRACK SPREAD	RU	0	600	-100.0%	0	-
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	-	0	-
WAHA BASIS	NW	11,180	16,744	-33.2%	12,050	-7.2%
WAHA INDEX SWAP FUTURE	IY	472	2,332	-79.8%	720	-34.4%
WESTERN RAIL DELIVERY PRB	QP	1,575	4,025	-60.9%	1,515	4.0%
WTI-BRENT BULLET SWAP	BY	704	0	-	704	0.0%
WTI-BRENT CALENDAR SWAP	BK	44,164	77,669	-43.1%	46,637	-5.3%
WTI CALENDAR	CS	128,372	123,726	3.8%	125,399	2.4%
WTS (ARGUS) VS WTI SWAP	FF	46,929	34,998	34.1%	47,646	-1.5%
WTS (ARGUS) VS WTI TRD MT	FH	2,660	4,055	-34.4%	2,470	7.7%
Energy Options						
1 MO GASOIL CAL SWAP SPR	GXA	0	100	-100.0%	0	-
APPALACHIAN COAL	6K	0	0	-	0	-
BRENT CALENDAR SWAP	BA	16,545	83,082	-80.1%	15,807	4.7%
BRENT OIL LAST DAY	BE	3,552	12,227	-70.9%	3,482	2.0%
BRENT OIL LAST DAY	BZO	50,598	720	6,927.5%	38,956	29.9%
BRENT OIL LAST DAY	OS	20,276	39,682	-48.9%	20,276	0.0%

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Energy Options						
COAL API2 INDEX	CLA	3,040	15,675	-80.6%	2,285	33.0%
COAL API2 INDEX	CQA	2,150	56,783	-96.2%	2,120	1.4%
COAL API2 INDEX	MTC	75	0	-	75	0.0%
COAL API4 INDEX	RLA	0	100	-100.0%	0	-
COAL API4 INDEX	RQA	110	600	-81.7%	110	0.0%
COAL SWAP	CPF	120	510	-76.5%	80	50.0%
COAL SWAP	RPF	850	2,604	-67.4%	850	0.0%
CRUDE OIL 1MO	WA	734,860	326,025	125.4%	750,890	-2.1%
CRUDE OIL APO	AO	306,587	339,575	-9.7%	299,167	2.5%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-
CRUDE OIL OUTRIGHTS	AH	150	650	-76.9%	150	0.0%
CRUDE OIL OUTRIGHTS	DBP	0	3,010	-100.0%	0	-
CRUDE OIL PHY	CD	0	0	0.0%	0	0.0%
CRUDE OIL PHY	LC	76,132	91,701	-17.0%	68,758	10.7%
CRUDE OIL PHY	LO	2,510,450	2,698,861	-7.0%	2,582,541	-2.8%
CRUDE OIL PHY	LO1	6,619	3,489	89.7%	2,016	228.3%
CRUDE OIL PHY	LO2	1,208	116	941.4%	330	266.1%
CRUDE OIL PHY	LO3	56	2	2,700.0%	30	86.7%
CRUDE OIL PHY	LO4	0	0	0.0%	0	-
CRUDE OIL PHY	LO5	0	0	-	0	-
DAILY CRUDE OIL	DNM	0	0	-	0	-
ELEC FINSETTLED	PML	0	62	-100.0%	0	-
ELEC MISO PEAK	9T	0	420	-100.0%	0	-
ELECTRICITY OFF PEAK	N9P	0	0	-	0	-
ETHANOL	CE1	15	0	-	15	0.0%
ETHANOL	CE3	300	0	-	300	0.0%
ETHANOL SWAP	CVR	12,166	9,976	22.0%	15,839	-23.2%
ETHANOL SWAP	GVR	2,659	3,015	-11.8%	2,988	-11.0%
EURO-DENOMINATED PETRO PROD	EFB	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC	30	0	60	-100.0%	0	-
GASOIL CRACK SPREAD AVG PRICE OPTIONS	3U	0	0	-	0	-
GASOLINE	GCE	0	0	-	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	-
HEATING OIL PHY	LB	1,420	494	187.4%	741	91.6%
HEATING OIL PHY	OH	46,180	62,176	-25.7%	52,108	-11.4%
HENRY HUB FINANCIAL LAST	E7	11,144	5,963	86.9%	11,365	-1.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	200	-100.0%	0	-
HUSTN SHIP CHNL PIPE SWP	PK	0	120	-100.0%	0	-
LLS CRUDE OIL	WJO	9,950	4,375	127.4%	7,975	24.8%
MCCLOSKY ARA ARGS COAL	MTO	770	4,600	-83.3%	820	-6.1%
MCCLOSKY RCH BAY COAL	MFO	0	600	-100.0%	0	-
NATURAL GAS	G10	0	500	-100.0%	0	-
NATURAL GAS 12 M CSO FIN	G7	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	20,300	3,250	524.6%	61,925	-67.2%
NATURAL GAS 2 M CSO FIN	G2	850	1,000	-15.0%	600	41.7%
NATURAL GAS 3 M CSO FIN	G3	4,550	4,910	-7.3%	1,600	184.4%
NATURAL GAS 5 M CSO FIN	G5	1,750	0	-	0	-
NATURAL GAS 6 M CSO FIN	G6	12,150	4,650	161.3%	9,100	33.5%
NATURAL GAS OPTION ON CALENDAR STRP	6J	2,798	13,186	-78.8%	2,678	4.5%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,403,511	2,756,414	-12.8%	2,538,881	-5.3%
NATURAL GAS PHY	ON	76,063	94,256	-19.3%	127,717	-40.4%

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Energy Options						
NATURAL GAS PHY	ON1	0	0	-	0	-
NATURAL GAS PHY	ON5	0	0	-	0	-
NG HH 3 MONTH CAL	IC	0	250	-100.0%	0	-
N ROCKIES PIPE SWAP	ZR	3,330	3,240	2.8%	4,978	-33.1%
NY HARBOR HEAT OIL SWP	AT	31,940	58,362	-45.3%	35,414	-9.8%
NYISO ZONE G 5MW PEAK OPTIONS	9U	14,910	0	-	7,390	101.8%
NYMEX EUROPEAN GASOIL APO	F7	10	808	-98.8%	20	-50.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-
PETROCHEMICALS	4H	3,801	5,076	-25.1%	4,101	-7.3%
PETROCHEMICALS	4I	0	0	-	0	-
PETROCHEMICALS	4J	6,040	1,800	235.6%	6,555	-7.9%
PETROCHEMICALS	4K	230	0	-	460	-50.0%
PETROCHEMICALS	CPR	0	495	-100.0%	0	-
PETRO OUTRIGHT EURO	8H	300	125	140.0%	0	-
PGE CITYGATE PIPE SWAP	CW	0	0	-	0	-
PJM CALENDAR STRIP	6O	0	0	-	0	-
PJM ELECTRIC	6OO	0	0	-	0	-
PJM MONTHLY	JO	0	4	-100.0%	0	-
PJM WES HUB PEAK CAL MTH	6OA	2,170	200	985.0%	1,750	24.0%
PJM WES HUB PEAK CAL MTH	JOA	0	8,200	-100.0%	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	14,251	0	-	10,485	35.9%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	1,109	2,384	-53.5%	1,143	-3.0%
RBOB PHY	OB	17,293	42,157	-59.0%	11,975	44.4%
RBOB PHY	RF	30	30	0.0%	20	50.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	540	40	1,250.0%	600	-10.0%
SAN JUAN PIPE SWAP	PJ	3,460	360	861.1%	4,812	-28.1%
SHORT TERM	U11	0	0	-	0	-
SHORT TERM	U12	0	0	-	0	-
SHORT TERM	U13	0	0	-	0	-
SHORT TERM	U14	0	0	-	0	-
SHORT TERM	U15	0	0	-	0	-
SHORT TERM	U22	0	0	-	0	-
SHORT TERM	U23	0	0	-	0	-
SHORT TERM	U24	0	0	-	0	-
SHORT TERM	U25	0	0	-	0	-
SHORT TERM	U26	0	0	-	0	-
SHORT TERM CRUDE OIL	C02	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	425	650	-34.6%	300	41.7%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-
SHORT TERM NATURAL GAS	U05	0	0	-	0	-
SHORT TERM NATURAL GAS	U06	0	0	-	0	-
SHORT TERM NATURAL GAS	U07	0	0	-	0	-
SHORT TERM NATURAL GAS	U08	0	0	-	0	-
SHORT TERM NATURAL GAS	U09	0	0	-	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-
SHORT TERM NATURAL GAS	U16	0	0	-	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-
SHORT TERM NATURAL GAS	U18	0	0	-	0	-
SHORT TERM NATURAL GAS	U19	0	0	-	0	-
SHORT TERM NATURAL GAS	U20	0	0	-	0	-

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Energy Options						
SHORT TERM NATURAL GAS	U21	0	0	-	0	-
SHORT TERM NATURAL GAS	U27	0	0	-	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	0.0%
SHORT TERM NATURAL GAS	U31	0	0	-	0	0.0%
SINGAPORE FUEL OIL 180 CS	C5	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	M2	275	300	-8.3%	300	-8.3%
SINGAPORE JET FUEL CALEND	N2	890	1,400	-36.4%	1,020	-12.7%
SOCAL PIPE SWAP	ZN	1,600	6,000	-73.3%	3,200	-50.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	159,200	23,250	584.7%	149,268	6.7%
WTI CRUDE OIL 1 M CSO FI	7A	320,234	314,100	2.0%	358,764	-10.7%
Metals Futures						
COMEX GOLD	GC	450,477	457,061	-1.4%	401,586	12.2%
NYMEX HOT ROLLED STEEL	HR	12,647	24,590	-48.6%	12,422	1.8%
NYMEX PLATINUM	PL	71,465	65,663	8.8%	64,783	10.3%
PALLADIUM	PA	27,693	26,296	5.3%	28,596	-3.2%
URANIUM	UX	5,022	4,785	5.0%	4,275	17.5%
COMEX SILVER	SI	199,354	163,623	21.8%	187,630	6.2%
COMEX E-Mini GOLD	QO	1,078	1,217	-11.4%	1,112	-3.1%
COMEX E-Mini SILVER	QI	91	60	51.7%	133	-31.6%
COMEX COPPER	HG	268,928	161,578	66.4%	292,253	-8.0%
COMEX MINY COPPER	QC	104	67	55.2%	168	-38.1%
Aluminium MW Trans Prem Platts	AUP	37,191	27,237	36.5%	35,145	5.8%
ALUMINUM	A38	70	0	-	56	25.0%
ALUMINUM	AEP	15,774	5,127	207.7%	11,549	36.6%
ALUMINUM	ALA	50	0	-	60	-16.7%
ALUMINUM	ALI	1,182	175	575.4%	1,152	2.6%
ALUMINUM	EDP	6,736	0	-	7,272	-7.4%
ALUMINUM	MJP	5,930	1,608	268.8%	6,296	-5.8%
COPPER	HGS	1,631	5,128	-68.2%	1,608	1.4%
E-MICRO GOLD	MGC	5,554	2,496	122.5%	3,690	50.5%
FERROUS PRODUCTS	BUS	386	0	-	302	27.8%
FERROUS PRODUCTS	SSF	0	0	-	0	-
GOLD	GPS	0	0	-	0	-
Gold Kilo	GCK	10	19	-47.4%	18	-44.4%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	-	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	1,082	410	163.9%	880	23.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	16,760	25,574	-34.5%	17,504	-4.3%
LNDN ZINC	ZNC	5	33	-84.8%	5	0.0%
METALS	LED	0	0	-	0	-
SILVER	SIL	756	371	103.8%	928	-18.5%
Metals Options						
COMEX COPPER	HX	1,554	1,942	-20.0%	4,381	-64.5%
COMEX GOLD	OG	991,662	1,144,735	-13.4%	914,378	8.5%
COMEX SILVER	SO	97,934	106,479	-8.0%	111,063	-11.8%
COPPER	H4E	0	0	-	0	-
GOLD	OG1	1,815	211	760.2%	1,250	45.2%
GOLD	OG2	825	73	1,030.1%	623	32.4%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest FEB 2017	Open Interest FEB 2016	% CHG	Open Interest JAN 2017	% CHG
Metals Options						
GOLD	OG3	1,321	42	3,045.2%	44	2,902.3%
GOLD	OG4	62	0	0.0%	0	-
GOLD	OG5	0	0	-	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	12,126	12,800	-5.3%	10,946	10.8%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	4,820	21,233	-77.3%	2,700	78.5%
NYMEX PLATINUM	PO	7,661	4,119	86.0%	6,694	14.4%
PALLADIUM	PAO	3,086	4,195	-26.4%	5,469	-43.6%
SILVER	SO1	18	12	50.0%	11	63.6%
SILVER	SO2	6	0	-	0	-
SILVER	SO3	0	0	-	0	-
SILVER	SO4	0	0	0.0%	0	-
SILVER	SO5	0	0	-	0	-
TOTAL FUTURES GROUP						
Commodities and Alternative Investments Futures		14	51	-72.5%	18	-22.2%
Energy Futures		19,574,833	21,271,854	-8.0%	19,495,563	0.4%
Metals Futures		1,129,976	973,118	16.1%	1,079,423	4.7%
TOTAL FUTURES		20,704,823	22,245,023	-6.9%	20,575,004	0.6%
TOTAL OPTIONS GROUP						
Energy Options		6,921,992	7,114,970	-2.7%	7,225,130	-4.2%
Metals Options		1,122,890	1,295,841	-13.3%	1,057,559	6.2%
TOTAL OPTIONS		8,044,882	8,410,811	-4.4%	8,282,689	-2.9%
TOTAL COMBINED						
Commodities and Alternative Investments		14	51	-72.5%	18	-22.2%
Energy		26,496,825	28,386,824	-6.7%	26,720,693	-0.8%
Metals		2,252,866	2,268,959	-0.7%	2,136,982	5.4%
GRAND TOTAL		28,749,705	30,655,834	-6.2%	28,857,693	-0.4%

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