



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2016	Open Interest APR 2015	% CHG	Open Interest MAR 2016	% CHG
Commodities and Alternative Investments Futures					
COCOA TAS	33	7	371.4%	9	266.7%
COFFEE	2	4	-50.0%	13	-84.6%
COTTON	13	24	-45.8%	8	62.5%
SUGAR 11	12	31	-61.3%	19	-36.8%
Energy Futures					
CRUDE OIL PHY	1,762,348	1,743,494	1.1%	1,774,422	-0.7%
CRUDE OIL	5,338	13,104	-59.3%	5,375	-0.7%
MINY WTI CRUDE OIL	4,715	5,592	-15.7%	3,836	22.9%
BRENT OIL LAST DAY	159,379	150,982	5.6%	159,648	-0.2%
HEATING OIL PHY	388,421	357,212	8.7%	370,670	4.8%
HTG OIL	3,362	114	2,849.1%	1,125	198.8%
MINY HTG OIL	2	2	0.0%	2	0.0%
RBOB PHY	387,773	376,846	2.9%	399,679	-3.0%
MINY RBOB GAS	0	2	-100.0%	0	-
NATURAL GAS	104,005	88,929	17.0%	103,048	0.9%
LTD NAT GAS	270,780	374,049	-27.6%	269,780	0.4%
MINY NATURAL GAS	2,765	3,577	-22.7%	3,228	-14.3%
PJM MONTHLY	10,748	15,436	-30.4%	11,600	-7.3%
NATURAL GAS PHY	1,100,826	1,040,457	5.8%	1,092,396	0.8%
RBOB GAS	2,561	540	374.3%	3,377	-24.2%
3.5% FUEL OIL CID MED SWA	1,117	74	1,409.5%	891	25.4%
3.5% FUEL OIL CIF BALMO S	20	8	150.0%	50	-60.0%
AEP-DAYTON HUB DAILY	282	0	-	268	5.2%
AEP-DAYTON HUB MTHLY	1,541	2,670	-42.3%	1,622	-5.0%
AEP-DAYTON HUB OFF-PEAK M	1,275	3,282	-61.2%	1,378	-7.5%
ALGON CITY GATES NAT GAS	1,712	0	-	0	-
ALGONQUIN CITYGATES BASIS	2,259	164	1,277.4%	1,800	25.5%
ANR LOUISIANA BASIS SWAP	736	1,840	-60.0%	856	-14.0%
ANR OKLAHOMA	6,293	9,772	-35.6%	6,683	-5.8%
APPALACHIAN COAL (PHY)	60	662	-90.9%	100	-40.0%
ARGUS LLS VS. WTI (ARG) T	12,675	12,192	4.0%	15,738	-19.5%
ARGUS PROPAN FAR EST INDE	1,842	392	369.9%	1,484	24.1%
ARGUS PROPAN(SAUDI ARAMCO	903	540	67.2%	770	17.3%
AUSTRIALIAN COKE COAL	820	943	-13.0%	897	-8.6%
BRENT BALMO SWAP	0	268	-100.0%	210	-100.0%
BRENT CALENDAR SWAP	16,964	30,580	-44.5%	16,915	0.3%
BRENT CFD(PLATTS) VS FRNT	0	0	-	0	-
BRENT CFD SWAP	0	0	-	0	-
BRENT FINANCIAL FUTURES	7,023	9,716	-27.7%	7,063	-0.6%
BRENT FINANCIAL FUTURES	0	0	-	0	-
BRENT FINANCIAL FUTURES	146	0	-	80	82.5%
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
CANADIAN LIGHT SWEET OIL	3,835	468	719.4%	4,714	-18.6%
CARBON EUA EMISSIONS EURO	0	0	-	0	-
CENTERPOINT BASIS SWAP	21,836	9,888	120.8%	15,740	38.7%
CENTERPOINT EAST INDEX	0	0	-	0	-
CENTER POINT NAT GAS FIXED PRICE	0	0	-	0	-
CHICAGO ETHANOL SWAP	46,546	51,617	-9.8%	43,252	7.6%
CHICAGO ULSD (PLATTS) SWA	27	71	-62.0%	30	-10.0%

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Energy Futures						
CHICAGO ULSD PL VS HO SPR	5C	2,227	2,994	-25.6%	2,252	-1.1%
CHICAGO UNL GAS PL VS RBO	3C	1,413	295	379.0%	1,416	-0.2%
CIG BASIS	CI	42,010	14,315	193.5%	41,527	1.2%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	930	-100.0%
CINERGY HUB OFF-PEAK MONT	EJ	608	986	-38.3%	658	-7.6%
CINERGY HUB PEAK MONTH	EM	414	1,130	-63.4%	428	-3.3%
CIN HUB 5MW D AH O PK	K2	350,680	317,664	10.4%	345,040	1.6%
CIN HUB 5MW D AH PK	H5	22,080	20,591	7.2%	22,752	-3.0%
CIN HUB 5MW REAL TIME O P	H4	950,600	522,600	81.9%	968,712	-1.9%
CIN HUB 5MW REAL TIME PK	H3	51,571	16,949	204.3%	50,958	1.2%
COAL SWAP	ACM	390	475	-17.9%	290	34.5%
COAL SWAP	SSI	84	738	-88.6%	99	-15.2%
COLUMB GULF MAINLINE NG B	5Z	37,926	40,412	-6.2%	38,544	-1.6%
COLUMBIA GULF MAIN NAT G	L2	2,208	0	-	0	-
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	-	0	-
COLUMBIA GULF ONSHORE	GL	24,627	27,831	-11.5%	25,527	-3.5%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	695	387	79.6%	689	0.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	405	222	82.4%	301	34.6%
CONWAY PROPANE 5 DECIMALS SWAP	8K	17,524	9,761	79.5%	14,725	19.0%
CRUDE OIL	LPS	20,329	6,200	227.9%	18,876	7.7%
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	44	2,521	-98.3%	136	-67.6%
CRUDE OIL OUTRIGHTS	DBL	50	11,060	-99.5%	500	-90.0%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-
CRUDE OIL OUTRIGHTS	HTT	2,192	0	-	1,140	92.3%
CRUDE OIL OUTRIGHTS	WCC	14,495	10,711	35.3%	14,652	-1.1%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	38	0	90	-100.0%	0	-
CRUDE OIL SPRDS	KE	0	0	-	0	-
CRUDE OIL SPRDS	WTT	5,768	1,035	457.3%	5,060	14.0%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	17,640	0	-	16,848	4.7%
DAILY PJM	IDO	16,640	0	-	16,800	-1.0%
DAILY PJM	NOC	17,280	0	-	14,976	15.4%
DAILY PJM	PAP	780	0	-	870	-10.3%
DAILY PJM	PEO	15,600	0	-	15,360	1.6%
DAILY PJM	PNO	30,200	0	-	29,856	1.2%
DAILY PJM	PNP	770	0	-	852	-9.6%
DAILY PJM	PWO	52,000	0	-	48,000	8.3%
DAILY PJM	PWP	2,470	0	-	2,715	-9.0%
DAILY PJM	WOR	43,080	0	-	37,856	13.8%
DAILY PJM	ZAO	41,400	0	-	47,904	-13.6%
DAILY PJM	ZGO	18,200	0	-	16,416	10.9%
DAILY PJM	ZJO	5,720	0	-	5,280	8.3%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	5,855	-100.0%	0	-
DATED TO FRONTLINE BRENT	FY	9,463	11,518	-17.8%	7,363	28.5%
DEMARC INDEX FUTURE	DI	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-
DIESEL10PPM BARG VS ICE LS	LSE	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	8,136	0	-	7,609	6.9%
DOMINION TRANSMISSION INC	PG	42,256	15,344	175.4%	42,914	-1.5%

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DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	2,336	9,887	-76.4%	1,536	52.1%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	QX	2,742	5,467	-49.8%	2,732	0.4%
EAST/WEST FUEL OIL SPREAD	EW	360	1,805	-80.1%	416	-13.5%
EIA FLAT TAX ONHWAY DIESE	A5	5,524	6,642	-16.8%	5,744	-3.8%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I7	42	0	-	49	-14.3%
ELEC ERCOT DLY PEAK	I9	0	0	-	0	-
ELEC ERCOT DLY PEAK	N1	0	4,246	-100.0%	0	-
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-
ELEC ERCOT OFF PEAK	ERU	0	0	-	0	-
ELEC ERCOT OFF PEAK	O1	0	77,286	-100.0%	0	-
ELEC FINSETTLED	47	2,804	613	357.4%	2,804	0.0%
ELEC FINSETTLED	49	955	0	-	1,070	-10.7%
ELEC MISO PEAK	4L	955	1,275	-25.1%	1,162	-17.8%
ELEC MISO PEAK	55	1,780	896	98.7%	1,872	-4.9%
ELEC NYISO OFF-PEAK	4M	17,725	23,520	-24.6%	21,100	-16.0%
ELEC NYISO OFF-PEAK	58	32,964	16,434	100.6%	34,464	-4.4%
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	51,544	11,433	350.8%	51,544	0.0%
ELECTRICITY OFF PEAK	4P	0	7,026	-100.0%	0	-
ELECTRICITY OFF PEAK	50	17,725	0	-	19,600	-9.6%
EL PASO PERMIAN INDEX SWA	IL	0	0	-	372	-100.0%
EMMISSIONS	CPL	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	600	0	-	520	15.4%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	15,805	76,215	-79.3%	17,725	-10.8%
ERCOT NORTH ZMCPE 5MW PEAK	I5	1,190	7,726	-84.6%	1,337	-11.0%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,600	4,474	-19.5%	3,595	0.1%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	-	0	-
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL M CRK	FL	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	562	716	-21.5%	239	135.1%
EURO 3.5% FUEL OIL SPREAD	FK	846	2,823	-70.0%	974	-13.1%
EURO-DENOMINATED PETRO PROD	IBE	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	MFE	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	230	-100.0%	0	-
EURO GASOIL 10 CAL SWAP	GT	0	6	-100.0%	0	-
EURO GASOIL 10PPM VS ICE	ET	823	216	281.0%	912	-9.8%
EUROPE 1% FUEL OIL NWE CA	UF	430	499	-13.8%	382	12.6%
EUROPE 1% FUEL OIL RDAM C	UH	137	100	37.0%	135	1.5%
EUROPE 3.5% FUEL OIL MED	UI	1,309	330	296.7%	1,029	27.2%
EUROPE 3.5% FUEL OIL RDAM	UV	8,444	13,663	-38.2%	8,471	-0.3%
EUROPEAN GASOIL (ICE)	7F	2,905	2,568	13.1%	3,079	-5.7%
EUROPEAN NAPHTHA BALMO	KZ	152	72	111.1%	187	-18.7%
EUROPEAN NAPHTHA CRACK SPR	EN	9,977	13,463	-25.9%	10,170	-1.9%
EUROPE DATED BRENT SWAP	UB	6,355	10,913	-41.8%	8,159	-22.1%
EUROPE JET KERO NWE CALSW	UJ	38	62	-38.7%	38	0.0%
EUROPE NAPHTHA CALSWAP	UN	1,468	1,882	-22.0%	1,364	7.6%
EURO PROPANE CIF ARA SWA	PS	1,546	755	104.8%	1,139	35.7%
FLORIDA GAS ZONE3 BASIS S	FP	1,105	10,162	-89.1%	1,041	6.1%
FREIGHT MARKETS	FLP	822	42	1,857.1%	684	20.2%
FREIGHT MARKETS	FRC	0	0	-	0	-

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Energy Futures						
FUEL OIL CRACK VS ICE	FO	19,710	17,023	15.8%	17,750	11.0%
FUEL OIL NWE CRACK VS ICE	FI	171	459	-62.7%	190	-10.0%
FUEL OIL (PLATS) CAR CM	1W	146	150	-2.7%	154	-5.2%
FUEL OIL (PLATS) CAR CN	1X	81	125	-35.2%	84	-3.6%
FUELOIL SWAP:CARGOES VS.B	FS	1,483	2,713	-45.3%	1,474	0.6%
GAS EURO-BOB OXY NWE BARGES	7H	8,067	7,327	10.1%	8,156	-1.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	34,432	37,768	-8.8%	34,979	-1.6%
GASOIL 0.1 BRGS FOB VS IC	6V	5	0	-	1	400.0%
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	20	0	-	30	-33.3%
GASOIL 0.1CIF MED VS ICE	Z5	5	46	-89.1%	40	-87.5%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	5	0	-	0	-
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	78	99	-21.2%	78	0.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0	-
GASOIL 10P CRG CIF NW VS	3V	0	10	-100.0%	0	-
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	176	326	-46.0%	192	-8.3%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	187	159	17.6%	82	128.0%
GASOIL CRACK SPREAD CALEN	GZ	7,190	13,655	-47.3%	6,402	12.3%
GASOIL MINI CALENDAR SWAP	QA	787	1,360	-42.1%	815	-3.4%
GASOLINE UP-DOWN (ARGUS)	UZ	0	0	-	0	-
GASOLINE UP-DOWN BALMO SW	1K	0	525	-100.0%	250	-100.0%
GC ULSD VS GC JET SPREAD	VV	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	A7	0	10	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	A6	6,090	10,999	-44.6%	6,515	-6.5%
GRP THREE UNL GS (PLT) VS	A8	4,656	3,866	20.4%	4,835	-3.7%
GULF COAST 3% FUEL OIL BA	VZ	980	981	-0.1%	1,003	-2.3%
GULF COAST GASOLINE CLNDR	GS	0	2,518	-100.0%	0	-
GULF COAST JET FUEL CLNDR	GE	894	1,918	-53.4%	725	23.3%
GULF COAST JET VS NYM 2 H	ME	34,763	37,586	-7.5%	33,191	4.7%
GULF COAST NO.6 FUEL OIL	MF	62,714	61,367	2.2%	61,544	1.9%
GULF COAST NO.6 FUEL OIL	MG	8,595	8,100	6.1%	8,914	-3.6%
GULF COAST ULSD CALENDAR	LY	4,804	7,386	-35.0%	5,012	-4.2%
GULF COAST ULSD CRACK SPR	GY	7,926	12,672	-37.5%	7,220	9.8%
HEATING OIL BALMO CLNDR S	1G	45	120	-62.5%	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	71,902	35,106	104.8%	66,494	8.1%
HENRY HUB INDEX SWAP FUTU	IN	46,620	21,402	117.8%	36,684	27.1%
HENRY HUB SWAP	NN	1,390,417	1,574,998	-11.7%	1,408,818	-1.3%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	24,808	19,747	25.6%	25,554	-2.9%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	3,425	0	-	3,425	0.0%
ICE BRENT DUBAI SWAP	DB	2,235	4,320	-48.3%	2,640	-15.3%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
IN DELIVERY MONTH EUA	6T	47,750	77,333	-38.3%	47,500	0.5%
INDIANA MISO	FAD	21,960	0	-	17,240	27.4%
INDIANA MISO	FDM	0	0	-	0	-

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INDIANA MISO	FTD	8,160	0	-	10,088	-19.1%
INDIANA MISO	FTM	35,450	117,300	-69.8%	39,200	-9.6%
INDIANA MISO	PDD	792	0	-	889	-10.9%
INDIANA MISO	PDM	463	5,573	-91.7%	578	-19.9%
INDIANA MISO	PTD	287	0	-	248	15.7%
INDIANA MISO	PTM	0	4,867	-100.0%	0	-
INDONESIAN COAL	MCC	45	565	-92.0%	45	0.0%
ISO NEW ENGLAND OFF-PEAK	KI	510	1,164	-56.2%	548	-6.9%
ISO NEW ENGLAND PK LMP	NI	539	1,647	-67.3%	574	-6.1%
JAPAN C&F NAPHTHA CRACK S	JB	1,279	369	246.6%	1,385	-7.7%
JAPAN C&F NAPHTHA SWAP	JA	1,516	1,503	0.9%	1,628	-6.9%
JAPAN NAPHTHA BALMO SWAP	E6	20	58	-65.5%	170	-88.2%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	19	123	-84.6%	32	-40.6%
JET BARGES VS ICE GASOIL	JR	14	0	-	21	-33.3%
JET CIF NWE VS ICE	JC	400	363	10.2%	393	1.8%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-
JET FUEL CARGOES CIF NEW	F3	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	4,073	1,775	129.5%	3,025	34.6%
LA CARB DIESEL (OPIS)	LX	143	46	210.9%	156	-8.3%
LA CARB DIESEL (OPIS) SWA	KL	1,645	1,085	51.6%	1,522	8.1%
LA CARBOB GASOLINE(OPIS)S	JL	1,100	775	41.9%	1,725	-36.2%
LA JET FUEL VS NYM NO 2 H	MQ	612	90	580.0%	727	-15.8%
LA JET (OPIS) SWAP	JS	2,342	875	167.7%	2,502	-6.4%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	39,236	52,921	-25.9%	41,264	-4.9%
MARS (ARGUS) VS WTI SWAP	YX	14,925	10,649	40.2%	15,921	-6.3%
MARS (ARGUS) VS WTI TRD M	YV	7,732	2,630	194.0%	7,536	2.6%
MARS BLEND CRUDE OIL	MB	1,215	0	-	1,046	16.2%
MCCLOSKEY ARA ARGS COAL	MTF	130,144	115,422	12.8%	112,857	15.3%
MCCLOSKEY RCH BAY COAL	MFF	29,214	31,942	-8.5%	25,440	14.8%
MGF FUT	MGF	100	0	-	60	66.7%
MGN1 SWAP FUT	MGN	641	447	43.4%	640	0.2%
MICHIGAN BASIS	NF	11,956	3,012	296.9%	9,056	32.0%
MICHIGAN HUB OFF-PEAK MON	HJ	0	0	-	0	-
MICHIGAN HUB PEAK MONTH S	HM	0	0	-	0	-
MICHIGAN MISO	HMO	220,288	181,864	21.1%	222,920	-1.2%
MICHIGAN MISO	HMW	14,452	12,424	16.3%	14,958	-3.4%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	375	342	9.6%	244	53.7%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	490	-100.0%	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,833	1,590	15.3%	1,656	10.7%
MISO 5MW OFF PEAK	4R	0	0	-	0	-
MISO 5MW PEAK	4Q	0	0	-	0	-
MJB FUT	MJB	0	5	-100.0%	0	-
MJC FUT	MJC	353	195	81.0%	358	-1.4%
MNC FUT	MNC	5,046	4,981	1.3%	5,506	-8.4%
MONT BELVIEU ETHANE 5 DECIMAL	C0	62,272	18,438	237.7%	51,806	20.2%
MONT BELVIEU ETHANE OPIS BALMO	8C	65	275	-76.4%	150	-56.7%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	122,510	66,677	83.7%	121,706	0.7%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	107	217	-50.7%	833	-87.2%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	16,356	13,478	21.4%	16,468	-0.7%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	168	965	-82.6%	252	-33.3%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	33,085	24,910	32.8%	33,176	-0.3%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity		Open Interest APR 2016	Open Interest APR 2015	% CHG	Open Interest MAR 2016	% CHG
Energy Futures						
MONT BELVIEU NORMAL BUTANE BALMO	8J	165	179	-7.8%	459	-64.1%
NAT GAS BASIS SWAP	SGW	0	0	-	0	-
NAT GAS BASIS SWAP	TZ6	7,933	1,040	662.8%	6,000	32.2%
NATURAL GAS	XAC	0	0	-	0	-
NATURAL GAS	XSC	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	980	0	-	1,100	-10.9%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	4,040	0	-	4,340	-6.9%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	980	0	-	1,100	-10.9%
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	176	0	-	198	-11.1%
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	221	0	-	248	-10.9%
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	32	0	-	36	-11.1%
NATURAL GAS INDEX	TZI	610	0	-	610	0.0%
NATURAL GAS PEN SWP	NP	313,044	521,672	-40.0%	310,978	0.7%
NEPOOL CNCTCT 5MW D AH O	P3	16,621	11,722	41.8%	4,696	253.9%
NEPOOL CONECTIC 5MW D AH	P2	889	640	38.9%	254	250.0%
NEPOOL INTR HUB 5MW D AH	H2	331,017	279,178	18.6%	335,751	-1.4%
NEPOOL INTR HUB 5MW D AH	U6	16,416	16,537	-0.7%	16,936	-3.1%
NEPOOL MAINE 5MW D AH O E	W2	0	0	-	0	-
NEPOOL MAINE 5MW D AH PK	P9	0	0	-	0	-
NEPOOL NE MASS 5MW D AH O	P8	0	14,052	-100.0%	0	-
NEPOOL NE MASS 5MW D AH P	P7	640	972	-34.2%	640	0.0%
NEPOOL NEW HAMP 5MW D AH	U2	0	386	-100.0%	0	-
NEPOOL NEW HAMP 5MW D AH	U3	0	7,026	-100.0%	0	-
NEPOOL RHD ISLD 5MW D AH	U4	7,897	10,157	-22.3%	8,909	-11.4%
NEPOOL RHODE IL 5MW D AH	U5	121,255	184,238	-34.2%	135,130	-10.3%
NEPOOL SE MASS 5MW D AH O	P5	0	3,513	-100.0%	0	-
NEPOOL SE MASS 5MW D AH P	P4	0	193	-100.0%	0	-
NEPOOL W CNT MASS 5MW D A	L9	43,092	36,688	17.5%	44,592	-3.4%
NEPOOL W CNTR M 5MW D AH	R6	4,008	1,783	124.8%	4,123	-2.8%
NEW ENGLAND HUB PEAK DAIL	CE	1,545	0	-	1,550	-0.3%
NEW YORK ETHANOL SWAP	EZ	3,075	1,425	115.8%	3,985	-22.8%
NEW YORK HUB ZONE G PEAK	GN	2,342	0	-	2,092	12.0%
NEW YORK HUB ZONE J PEAK	JN	971	0	-	992	-2.1%
NGPL MID-CONTINENT	NL	42,149	19,321	118.2%	39,657	6.3%
NGPL MIDCONTINENT INDEX	IW	4,280	180	2,277.8%	4,280	0.0%
NGPL TEX/OK	PD	58,142	45,074	29.0%	59,664	-2.6%
NGPL TEXOK INDEX	OI	0	186	-100.0%	0	-
NGPL TEXOK SWING SWAP	OX	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	168	0	-	188	-10.6%
N ILLINOIS HUB MTHLY	UM	420	1,644	-74.5%	440	-4.5%
NO 2 UP-DOWN SPREAD CALEN	UT	276	975	-71.7%	914	-69.8%
NORTHEN NATURAL GAS DEMAR	PE	2,051	645	218.0%	1,528	34.2%
NORTHEN NATURAL GAS VENTU	PF	4,206	6,483	-35.1%	1,817	131.5%
NORTHERN ILLINOIS OFF-PEA	UO	740	2,136	-65.4%	830	-10.8%
NORTHWEST ROCKIES BASIS S	NR	81,415	20,159	303.9%	74,298	9.6%
N ROCKIES PIPE SWAP	XR	729	0	-	759	-4.0%
NY1% VS GC SPREAD SWAP	VR	6,061	5,089	19.1%	5,393	12.4%
NY 2.2% FUEL OIL (PLATTS	Y3	0	333	-100.0%	214	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	800	370	116.2%	950	-15.8%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	30	-100.0%
NY HARBOR HEAT OIL SWP	MP	14,488	18,516	-21.8%	15,315	-5.4%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	1,275	2,467	-48.3%	700	82.1%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity		Open Interest APR 2016	Open Interest APR 2015	% CHG	Open Interest MAR 2016	% CHG
Energy Futures						
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	-	0	-
NY HARBOR RESIDUAL FUEL 1	MM	7,253	5,354	35.5%	7,687	-5.6%
NY HARBOR RESIDUAL FUEL C	ML	0	100	-100.0%	0	-
NYH NO 2 CRACK SPREAD CAL	HK	13,672	15,810	-13.5%	13,904	-1.7%
NY H OIL PLATTS VS NYMEX	YH	4	82	-95.1%	11	-63.6%
NYISO A	KA	3,882	9,194	-57.8%	4,388	-11.5%
NYISO A OFF-PEAK	KB	1,180	3,194	-63.1%	1,330	-11.3%
NYISO CAPACITY	NNC	2,036	922	120.8%	2,207	-7.7%
NYISO CAPACITY	NRS	2,572	1,497	71.8%	2,780	-7.5%
NYISO G	KG	382	3,337	-88.6%	451	-15.3%
NYISO G OFF-PEAK	KH	210	1,095	-80.8%	240	-12.5%
NYISO J	KJ	4,950	7,605	-34.9%	5,232	-5.4%
NYISO J OFF-PEAK	KK	858	1,554	-44.8%	860	-0.2%
NYISO ZONE A 5MW D AH O P	K4	331,159	467,425	-29.2%	336,647	-1.6%
NYISO ZONE A 5MW D AH PK	K3	12,336	26,363	-53.2%	13,029	-5.3%
NYISO ZONE C 5MW D AH O P	A3	17,725	30,546	-42.0%	19,600	-9.6%
NYISO ZONE C 5MW D AH PK	Q5	955	1,661	-42.5%	1,070	-10.7%
NYISO ZONE G 5MW D AH O P	D2	352,349	264,776	33.1%	308,269	14.3%
NYISO ZONE G 5MW D AH PK	T3	22,883	20,085	13.9%	24,521	-6.7%
NYISO ZONE J 5MW D AH O P	D4	140,485	102,390	37.2%	135,621	3.6%
NYISO ZONE J 5MW D AH PK	D3	13,867	7,603	82.4%	14,006	-1.0%
NY JET FUEL (ARGUS) VS HEATING OIL	5U	0	0	-	0	-
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	455	-100.0%	0	-
NYMEX ALUMINUM FUTURES	AN	1,182	0	-	1,188	-0.5%
NYMEX ULSD VS NYMEX HO	UY	375	699	-46.4%	576	-34.9%
NY ULSD (ARGUS) VS HEATING OIL	7Y	1,577	5,558	-71.6%	2,662	-40.8%
ONEOK OKLAHOMA NG BASIS	8X	4,021	2,687	49.6%	3,941	2.0%
ONTARIO POWER SWAPS	OFD	2,760	0	-	3,952	-30.2%
ONTARIO POWER SWAPS	OFM	119,663	206,169	-42.0%	128,495	-6.9%
ONTARIO POWER SWAPS	OPD	120	0	-	265	-54.7%
ONTARIO POWER SWAPS	OPM	4,880	14,817	-67.1%	5,090	-4.1%
PANHANDLE BASIS SWAP FUTU	PH	42,899	29,798	44.0%	45,941	-6.6%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	558	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-
PERMIAN BASIS SWAP	PM	18,161	6,302	188.2%	16,485	10.2%
PETROCHEMICALS	22	93	16	481.3%	22	322.7%
PETROCHEMICALS	32	19	26	-26.9%	29	-34.5%
PETROCHEMICALS	51	0	0	-	0	-
PETROCHEMICALS	81	0	0	-	0	-
PETROCHEMICALS	8I	1,981	3,254	-39.1%	2,196	-9.8%
PETROCHEMICALS	91	328	69	375.4%	155	111.6%
PETROCHEMICALS	HPE	0	231	-100.0%	0	-
PETROCHEMICALS	LPE	0	60	-100.0%	0	-
PETROCHEMICALS	MAC	80	0	-	80	0.0%
PETROCHEMICALS	MAE	90	70	28.6%	60	50.0%
PETROCHEMICALS	MAS	40	40	0.0%	50	-20.0%
PETROCHEMICALS	MBE	3,235	3,316	-2.4%	3,285	-1.5%
PETROCHEMICALS	MNB	1,760	2,520	-30.2%	2,179	-19.2%
PETRO CRCKS & SPRDS ASIA	STI	225	0	-	279	-19.4%
PETRO CRCKS & SPRDS ASIA	STR	0	225	-100.0%	250	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	0	15	-100.0%	0	-
PETRO CRCKS & SPRDS NA	CBA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	CRB	148	471	-68.6%	1,306	-88.7%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2016	Open Interest APR 2015	% CHG	Open Interest MAR 2016	% CHG	
Energy Futures						
PETRO CRCKS & SPRDS NA	EXR	1,916	1,668	14.9%	1,884	1.7%
PETRO CRCKS & SPRDS NA	FOC	3,525	1,150	206.5%	3,450	2.2%
PETRO CRCKS & SPRDS NA	GBB	175	50	250.0%	0	-
PETRO CRCKS & SPRDS NA	GCC	675	0	-	700	-3.6%
PETRO CRCKS & SPRDS NA	GCI	3,337	4,566	-26.9%	3,466	-3.7%
PETRO CRCKS & SPRDS NA	GCM	35	0	-	18	94.4%
PETRO CRCKS & SPRDS NA	GCU	29,368	35,325	-16.9%	28,771	2.1%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	18,044	14,247	26.7%	18,598	-3.0%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	130	-100.0%
PETRO CRCKS & SPRDS NA	NFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	200	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	475	1,675	-71.6%	525	-9.5%
PETRO CRCKS & SPRDS NA	NYH	300	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	16,299	27,451	-40.6%	18,831	-13.4%
PETRO CRCKS & SPRDS NA	RVG	13,719	1,565	776.6%	12,606	8.8%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	19	-100.0%
PETRO CRK&SPRD EURO	1NB	4,741	11,301	-58.0%	5,567	-14.8%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	158	904	-82.5%	373	-57.6%
PETRO CRK&SPRD EURO	BFR	75	70	7.1%	90	-16.7%
PETRO CRK&SPRD EURO	BOB	6,302	3,299	91.0%	6,661	-5.4%
PETRO CRK&SPRD EURO	EBF	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	104	154	-32.5%	100	4.0%
PETRO CRK&SPRD EURO	EPN	336	153	119.6%	190	76.8%
PETRO CRK&SPRD EURO	EVC	4,069	5,028	-19.1%	3,346	21.6%
PETRO CRK&SPRD EURO	FBT	150	70	114.3%	190	-21.1%
PETRO CRK&SPRD EURO	FVB	0	32	-100.0%	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	25	-100.0%
PETRO CRK&SPRD EURO	GOC	135	312	-56.7%	138	-2.2%
PETRO CRK&SPRD EURO	GRB	0	0	-	0	-
PETRO CRK&SPRD EURO	GRS	0	0	-	0	-
PETRO CRK&SPRD EURO	LSU	0	0	-	0	-
PETRO CRK&SPRD EURO	MGB	99	239	-58.6%	110	-10.0%
PETRO CRK&SPRD EURO	MUD	178	574	-69.0%	195	-8.7%
PETRO CRK&SPRD EURO	NBB	5	17	-70.6%	27	-81.5%
PETRO CRK&SPRD EURO	NOB	740	387	91.2%	864	-14.4%
PETRO CRK&SPRD EURO	NYG	0	0	-	0	-
PETRO CRK&SPRD EURO	SFB	0	15	-100.0%	0	-
PETRO CRK&SPRD EURO	SFC	0	0	-	0	-
PETROLEUM PRODUCTS	D43	0	0	-	0	-
PETROLEUM PRODUCTS	D44	0	0	-	0	-
PETROLEUM PRODUCTS	D45	0	0	-	0	-
PETROLEUM PRODUCTS	D63	0	0	-	0	-
PETROLEUM PRODUCTS	D64	0	55	-100.0%	0	-
PETROLEUM PRODUCTS	D65	0	5	-100.0%	0	-
PETROLEUM PRODUCTS	EWB	0	5	-100.0%	0	-
PETROLEUM PRODUCTS	EWG	50	0	-	50	0.0%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	530	0	-	835	-36.5%
PETROLEUM PRODUCTS	RMG	0	0	-	0	-
PETROLEUM PRODUCTS	RMK	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	E6M	205	58	253.4%	30	583.3%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2016	Open Interest APR 2015	% CHG	Open Interest MAR 2016	% CHG	
Energy Futures						
PETROLEUM PRODUCTS ASIA	MJN	1,841	2,311	-20.3%	1,460	26.1%
PETRO OUTFRIGHT EURO	0A	0	0	-	0	-
PETRO OUTFRIGHT EURO	0B	476	526	-9.5%	240	98.3%
PETRO OUTFRIGHT EURO	0C	10	0	-	56	-82.1%
PETRO OUTFRIGHT EURO	0D	8,384	7,044	19.0%	8,787	-4.6%
PETRO OUTFRIGHT EURO	0E	1,209	165	632.7%	800	51.1%
PETRO OUTFRIGHT EURO	0F	1,543	1,643	-6.1%	1,606	-3.9%
PETRO OUTFRIGHT EURO	1T	20	30	-33.3%	20	0.0%
PETRO OUTFRIGHT EURO	33	159	630	-74.8%	167	-4.8%
PETRO OUTFRIGHT EURO	59	0	0	-	0	-
PETRO OUTFRIGHT EURO	5L	105	80	31.3%	30	250.0%
PETRO OUTFRIGHT EURO	63	195	125	56.0%	155	25.8%
PETRO OUTFRIGHT EURO	6L	0	0	-	0	-
PETRO OUTFRIGHT EURO	7I	270	343	-21.3%	25	980.0%
PETRO OUTFRIGHT EURO	7P	0	0	-	0	-
PETRO OUTFRIGHT EURO	7R	270	326	-17.2%	130	107.7%
PETRO OUTFRIGHT EURO	88	15	0	-	5	200.0%
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CGB	0	30	-100.0%	0	-
PETRO OUTFRIGHT EURO	CPB	107	36	197.2%	10	970.0%
PETRO OUTFRIGHT EURO	EFF	75	14	435.7%	88	-14.8%
PETRO OUTFRIGHT EURO	EFM	65	193	-66.3%	70	-7.1%
PETRO OUTFRIGHT EURO	ENS	363	267	36.0%	382	-5.0%
PETRO OUTFRIGHT EURO	EWN	382	381	0.3%	369	3.5%
PETRO OUTFRIGHT EURO	FBD	0	24	-100.0%	0	-
PETRO OUTFRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	MBN	4,098	3,080	33.1%	3,998	2.5%
PETRO OUTFRIGHT EURO	RBF	0	0	-	0	-
PETRO OUTFRIGHT EURO	SMU	0	400	-100.0%	0	-
PETRO OUTFRIGHT EURO	T0	220	821	-73.2%	175	25.7%
PETRO OUTFRIGHT EURO	ULB	0	0	-	90	-100.0%
PETRO OUTFRIGHT EURO	V0	225	1,409	-84.0%	250	-10.0%
PETRO OUTFRIGHT EURO	W0	0	0	-	50	-100.0%
PETRO OUTFRIGHT EURO	X0	0	222	-100.0%	0	-
PETRO OUTFRIGHT EURO	Y0	0	0	-	0	-
PETRO OUTFRIGHT NA	5Y	0	0	-	0	-
PETRO OUTFRIGHT NA	DBB	0	0	-	0	-
PETRO OUTFRIGHT NA	FCB	89	288	-69.1%	41	117.1%
PETRO OUTFRIGHT NA	FOB	0	0	-	0	-
PETRO OUTFRIGHT NA	FOM	0	32	-100.0%	0	-
PETRO OUTFRIGHT NA	JE	340	0	-	385	-11.7%
PETRO OUTFRIGHT NA	JET	2,120	725	192.4%	2,435	-12.9%
PETRO OUTFRIGHT NA	MBL	77	561	-86.3%	112	-31.3%
PETRO OUTFRIGHT NA	MEN	753	710	6.1%	765	-1.6%
PETRO OUTFRIGHT NA	MEO	8,900	9,023	-1.4%	9,692	-8.2%
PETRO OUTFRIGHT NA	MFD	84	10	740.0%	100	-16.0%
PETRO OUTFRIGHT NA	MMF	274	216	26.9%	288	-4.9%
PETRO OUTFRIGHT NA	NYB	0	0	-	0	-
PETRO OUTFRIGHT NA	NYT	0	25	-100.0%	0	-
PETRO OUTFRIGHT NA	XER	0	0	-	0	-
PGE&E CITYGATE	PC	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	1,275,665	1,316,269	-3.1%	1,329,041	-4.0%
PJM AD HUB 5MW REAL TIME	Z9	76,224	49,052	55.4%	74,242	2.7%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

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Energy Futures					
PJM AECO DA OFF-PEAK	53,208	132,080	-59.7%	58,458	-9.0%
PJM AECO DA PEAK	2,883	7,195	-59.9%	3,205	-10.0%
PJM APS ZONE DA OFF-PEAK	10,635	24,651	-56.9%	11,760	-9.6%
PJM APS ZONE DA PEAK	573	1,344	-57.4%	642	-10.7%
PJM ATSI ELEC	23,400	0	-	23,400	0.0%
PJM ATSI ELEC	1,275	0	-	1,275	0.0%
PJM BGE DA OFF-PEAK	38,232	24,256	57.6%	15,207	151.4%
PJM BGE DA PEAK	2,082	1,719	21.1%	830	150.8%
PJM COMED 5MW D AH O PK	254,140	58,584	333.8%	166,165	52.9%
PJM COMED 5MW D AH PK	15,530	3,214	383.2%	10,775	44.1%
PJM DAILY	810	0	-	670	20.9%
PJM DAYTON DA OFF-PEAK	193,665	245,007	-21.0%	197,905	-2.1%
PJM DAYTON DA PEAK	15,645	13,115	19.3%	16,275	-3.9%
PJM DPL DA OFF-PEAK	0	0	-	0	-
PJM DPL DA PEAK	0	0	-	0	-
PJM DUQUESNE 5MW D AH PK	0	0	-	0	-
PJM DUQUS 5MW D AH O PK	0	0	-	0	-
PJM EASTERNH DA PEAK	0	0	-	0	-
PJM JCPL DA OFF-PEAK	54,720	105,120	-47.9%	58,470	-6.4%
PJM JCPL DA PEAK	2,970	5,750	-48.3%	3,200	-7.2%
PJM NI HUB 5MW REAL TIME	43,076	25,254	70.6%	43,575	-1.1%
PJM NI HUB 5MW REAL TIME	1,287,606	537,392	139.6%	1,280,742	0.5%
PJM NILL DA OFF-PEAK	558,070	135,489	311.9%	460,614	21.2%
PJM NILL DA PEAK	29,834	7,643	290.3%	25,364	17.6%
PJM OFF-PEAK LMP SWAP FUT	3,292	6,759	-51.3%	3,536	-6.9%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	0	386	-100.0%	0	-
PJM PEPKO DA OFF-PEAK	0	0	-	0	-
PJM PEPKO DA PEAK	0	0	-	0	-
PJM PPL DA OFF-PEAK	46,085	31,617	45.8%	50,960	-9.6%
PJM PPL DA PEAK	2,483	2,509	-1.0%	2,782	-10.7%
PJM PSEG DA OFF-PEAK	140,400	8,712	1,511.6%	93,600	50.0%
PJM PSEG DA PEAK	5,100	462	1,003.9%	2,550	100.0%
PJM WES HUB PEAK LMP 50 M	0	193	-100.0%	0	-
PJM WESTH DA OFF-PEAK	1,345,764	1,300,586	3.5%	1,260,076	6.8%
PJM WESTHDA PEAK	73,870	72,667	1.7%	68,998	7.1%
PJM WESTH RT OFF-PEAK	3,968,290	2,808,488	41.3%	3,858,338	2.8%
PJM WESTH RT PEAK	224,367	131,376	70.8%	226,696	-1.0%
PLASTICS	1,849	3,407	-45.7%	1,764	4.8%
PLASTICS	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	617	1,283	-51.9%	516	19.6%
PREMIUM UNLD 10PPM CARGOE	0	0	-	0	-
PREMIUM UNLEAD 10PPM FOB	53	138	-61.6%	15	253.3%
PREM UNL GAS 10PPM RDAM FOB BALMO	0	6	-100.0%	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	139	162	-14.2%	121	14.9%
PROPANE NON-LDH MB (OPIS) BALMO SWP	0	0	-	0	-
PROPANE NON-LDH MT. BEL (OPIS) SWP	27,613	11,629	137.4%	23,749	16.3%
RBOB CALENDAR SWAP	12,122	16,979	-28.6%	12,610	-3.9%
RBOB CRACK SPREAD	5,246	2,888	81.6%	5,042	4.0%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	24	1,161	-97.9%	160	-85.0%
RBOB PHY	0	0	0.0%	0	0.0%
RBOB SPREAD (PLATTS) SWAP	80	106	-24.5%	85	-5.9%
RBOB UP-DOWN CALENDAR SWA	0	14,238	-100.0%	1,360	-100.0%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity		Open Interest APR 2016	Open Interest APR 2015	% CHG	Open Interest MAR 2016	% CHG
Energy Futures						
RBOB VS HEATING OIL SWAP	RH	2,796	1,750	59.8%	2,096	33.4%
ROCKIES KERN OPAL - NW IN	IR	736	0	-	1,046	-29.6%
SAN JUAN BASIS SWAP	NJ	28,197	4,010	603.2%	19,333	45.8%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	161	20	705.0%	0	-
SINGAPORE 380CST BALMO	BT	103	226	-54.4%	375	-72.5%
SINGAPORE 380CST FUEL OIL	SE	8,594	9,109	-5.7%	8,386	2.5%
SINGAPORE FUEL 180CST CAL	UA	2,024	3,153	-35.8%	1,849	9.5%
SINGAPORE FUEL OIL SPREAD	SD	1,058	1,244	-15.0%	982	7.7%
SINGAPORE GASOIL	MTB	175	111	57.7%	228	-23.2%
SINGAPORE GASOIL	MTS	5,475	5,303	3.2%	5,048	8.5%
SINGAPORE GASOIL	STF	0	0	-	0	-
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	0	450	-100.0%	0	-
SINGAPORE GASOIL BALMO	VU	12	0	-	298	-96.0%
SINGAPORE GASOIL CALENDAR	MSG	140	370	-62.2%	50	180.0%
SINGAPORE GASOIL SWAP	SG	7,528	5,698	32.1%	3,308	127.6%
SINGAPORE GASOIL VS ICE	GA	4,815	4,470	7.7%	4,650	3.5%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	3,280	2,245	46.1%	2,690	21.9%
SINGAPORE JET KEROSENE SW	KS	2,044	4,830	-57.7%	1,829	11.8%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	1,860	200	830.0%	860	116.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	13,613	17,617	-22.7%	12,680	7.4%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	20	-100.0%
SINGAPORE NAPHTHA SWAP	SP	0	925	-100.0%	0	-
SING FUEL	MSD	5	0	-	0	-
SOCAL BASIS SWAP	NS	0	2,256	-100.0%	0	-
SOCAL PIPE SWAP	XN	3,360	980	242.9%	3,360	0.0%
SONAT BASIS SWAP FUTURE	SZ	4,348	6,584	-34.0%	4,490	-3.2%
SOUTHERN NAT LA NAT GAS	M8	0	4,280	-100.0%	0	-
SOUTH STAR TEX OKLHM KNS	8Z	1,000	2,333	-57.1%	856	16.8%
Sumas Basis Swap	NK	10,885	8,053	35.2%	10,589	2.8%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	1,527	0	-	1,617	-5.6%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-
TC5 RAS TANURA TO YOKOHAM	TH	15	15	0.0%	15	0.0%
TCO BASIS SWAP	TC	42,294	70,022	-39.6%	45,612	-7.3%
TCO NG INDEX SWAP	Q1	2,200	2,200	0.0%	2,448	-10.1%
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	0	-
TENN 800 LEG NAT GAS INDE	L4	1,037	0	-	1,688	-38.6%
TENNESSEE 500 LEG BASIS S	NM	1,774	3,910	-54.6%	2,014	-11.9%
TENNESSEE 500 LEG NG INDE	Y7	0	0	-	0	-
TENNESSEE 500 LEG NG SWIN	T7	0	0	-	0	-
TENNESSEE 800 LEG NG BASI	6Z	1,716	2,576	-33.4%	1,956	-12.3%
TENNESSEE ZONE 0 BASIS SW	NQ	1,520	0	-	1,760	-13.6%
Tetco ELA Basis	TE	0	368	-100.0%	0	-
TETCO M-3 INDEX	IX	10,098	5,064	99.4%	10,598	-4.7%
Tetco STX Basis	TX	3,388	552	513.8%	3,688	-8.1%
TEXAS EASTERN ZONE M-3 BA	NX	23,857	17,753	34.4%	26,295	-9.3%
TEXAS GAS ZONE1 NG BASIS	9F	15,173	18,658	-18.7%	15,323	-1.0%
TRANSCO ZONE 1 NG BASIS	8E	0	368	-100.0%	0	-
Transco Zone 3 Basis	CZ	8,404	11,880	-29.3%	8,584	-2.1%
TRANSCO ZONE4 BASIS SWAP	TR	39,390	42,879	-8.1%	38,694	1.8%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity		Open Interest APR 2016	Open Interest APR 2015	% CHG	Open Interest MAR 2016	% CHG
Energy Futures						
TRANSCO ZONE 4 NAT GAS IN	B2	496	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	5,697	3,792	50.2%	5,915	-3.7%
TRANSCO ZONE 6 INDEX	IT	3,082	0	-	2,834	8.8%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	-	0	-
UCM FUT	UCM	75	20	275.0%	85	-11.8%
ULSD 10PPM CIF MED BALMO	X7	35	0	-	0	-
ULSD 10PPM CIF MED SWAP	Z6	42	3	1,300.0%	7	500.0%
ULSD 10PPM CIF MED VS ICE	Z7	84	510	-83.5%	123	-31.7%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	10	-100.0%	0	-
ULSD UP-DOWN BALMO SWP	1L	4,625	1,270	264.2%	3,475	33.1%
UP DOWN GC ULSD VS NMX HO	LT	68,126	53,506	27.3%	62,821	8.4%
USGC UNL 87 CRACK SPREAD	RU	0	1,050	-100.0%	225	-100.0%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	-	0	-
WAHA BASIS	NW	14,532	10,822	34.3%	16,337	-11.0%
WAHA INDEX SWAP FUTURE	IY	5,426	0	-	3,172	71.1%
WESTERN RAIL DELIVERY PRB	QP	3,465	6,345	-45.4%	3,375	2.7%
WTI-BRENT BULLET SWAP	BY	0	35	-100.0%	0	-
WTI-BRENT CALENDAR SWAP	BK	70,783	127,371	-44.4%	71,702	-1.3%
WTI CALENDAR	CS	131,378	136,277	-3.6%	128,827	2.0%
WTS (ARGUS) VS WTI SWAP	FF	29,816	44,155	-32.5%	32,592	-8.5%
WTS (ARGUS) VS WTI TRD MT	FH	3,790	9,869	-61.6%	3,160	19.9%
Energy Options						
1 MO GASOIL CAL SWAP SPR	GXA	100	0	-	100	0.0%
APPALACHIAN COAL	6K	0	0	-	0	-
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	55,747	257,826	-78.4%	72,175	-22.8%
BRENT OIL LAST DAY	BE	14,227	26,714	-46.7%	12,727	11.8%
BRENT OIL LAST DAY	BZO	4,041	0	-	401	907.7%
BRENT OIL LAST DAY	OS	37,655	51,100	-26.3%	40,898	-7.9%
COAL API2 INDEX	CLA	20,430	14,560	40.3%	18,875	8.2%
COAL API2 INDEX	CQA	54,920	22,430	144.9%	40,020	37.2%
COAL API2 INDEX	MTC	150	151	-0.7%	0	-
COAL API4 INDEX	RLA	100	1,090	-90.8%	100	0.0%
COAL API4 INDEX	RQA	705	175	302.9%	575	22.6%
COAL SWAP	CPF	465	490	-5.1%	445	4.5%
COAL SWAP	RPF	1,774	2,975	-40.4%	1,734	2.3%
CRUDE OIL 1MO	WA	481,163	370,168	30.0%	427,401	12.6%
CRUDE OIL APO	AO	305,926	531,085	-42.4%	321,527	-4.9%
CRUDE OIL CALNDR STRIP	6F	0	110	-100.0%	0	-
CRUDE OIL OUTRIGHTS	AH	450	600	-25.0%	550	-18.2%
CRUDE OIL OUTRIGHTS	DBP	1,890	6,600	-71.4%	2,450	-22.9%
CRUDE OIL PHY	CD	0	0	-	0	0.0%
CRUDE OIL PHY	LC	106,582	137,564	-22.5%	101,451	5.1%
CRUDE OIL PHY	LO	3,041,774	3,687,944	-17.5%	2,863,664	6.2%
CRUDE OIL PHY	LO1	1,048	959	9.3%	1,982	-47.1%
CRUDE OIL PHY	LO2	38	275	-86.2%	247	-84.6%
CRUDE OIL PHY	LO3	63	4	1,475.0%	0	-
CRUDE OIL PHY	LO4	0	0	-	6	-100.0%
CRUDE OIL PHY	LO5	0	0	-	0	-
DAILY CRUDE OIL	DNM	0	0	-	0	-
ELEC FINSETTLED	PML	105	336	-68.8%	84	25.0%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2016	Open Interest APR 2015	% CHG	Open Interest MAR 2016	% CHG
Energy Options					
ELEC MISO PEAK	420	0	-	420	0.0%
ELEC MISO PEAK	0	0	-	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-
ETHANOL	0	0	-	0	0.0%
ETHANOL	25	0	-	25	0.0%
ETHANOL SWAP	12,059	16,630	-27.5%	9,772	23.4%
ETHANOL SWAP	2,801	10,840	-74.2%	2,408	16.3%
EURO-DENOMINATED PETRO PROD	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	0	0	-	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC	60	0	-	60	0.0%
GASOIL CRACK SPREAD AVG PRICE OPTIONS	0	0	-	0	-
GASOLINE	456	0	-	456	0.0%
HEATING OIL PHY	335	1,659	-79.8%	300	11.7%
HEATING OIL PHY	75,305	87,037	-13.5%	67,562	11.5%
HENRY HUB FINANCIAL LAST	5,914	15,912	-62.8%	5,929	-0.3%
HO 1 MONTH CLNDR OPTIONS	800	0	0.0%	800	0.0%
HUSTN SHIP CHNL PIPE SWP	0	1,920	-100.0%	0	-
ISO NEW ENGLAND PK LMP	0	0	-	0	-
LLS CRUDE OIL	6,045	0	-	5,235	15.5%
MCCLOSKEY ARA ARGV COAL	4,320	9,355	-53.8%	4,320	0.0%
MCCLOSKEY RCH BAY COAL	1,800	2,440	-26.2%	1,350	33.3%
NATURAL GAS	0	0	-	500	-100.0%
NATURAL GAS 12 M CSO FIN	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	5,500	2,750	100.0%	5,200	5.8%
NATURAL GAS 2 M CSO FIN	0	0	-	1,000	-100.0%
NATURAL GAS 3 M CSO FIN	33,235	7,155	364.5%	23,910	39.0%
NATURAL GAS 5 M CSO FIN	0	250	-100.0%	550	-100.0%
NATURAL GAS 6 M CSO FIN	0	0	-	0	-
NATURAL GAS OPTION ON CALENDAR STRP	14,186	12,107	17.2%	14,146	0.3%
NATURAL GAS PHY	0	0	0.0%	0	0.0%
NATURAL GAS PHY	2,774,854	3,170,772	-12.5%	2,828,816	-1.9%
NATURAL GAS PHY	116,629	105,971	10.1%	99,260	17.5%
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS SUMMER STRIP	0	0	-	0	-
NG HH 3 MONTH CAL	250	0	-	250	0.0%
N ROCKIES PIPE SWAP	4,590	3,634	26.3%	3,960	15.9%
NY HARBOR HEAT OIL SWP	46,151	96,410	-52.1%	51,062	-9.6%
NYISO ZONE G 5MW PEAK OPTIONS	0	105	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	405	1,538	-73.7%	607	-33.3%
NYMEX EUROPEAN GASOIL OPT	0	220	-100.0%	0	-
PETROCHEMICALS	8,120	14,518	-44.1%	6,151	32.0%
PETROCHEMICALS	0	0	-	0	-
PETROCHEMICALS	1,950	3,585	-45.6%	1,950	0.0%
PETROCHEMICALS	0	0	-	0	-
PETROCHEMICALS	495	0	-	495	0.0%
PETRO OUTRIGHT EURO	75	375	-80.0%	100	-25.0%
PGE CITYGATE PIPE SWAP	0	4,800	-100.0%	0	-
PJM CALENDAR STRIP	0	640	-100.0%	0	-
PJM ELECTRIC	0	6	-100.0%	0	-

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NYMEX/COMEX Exchange Open Interest Report - Monthly

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Metals Futures					
COMEX GOLD	553,560	412,396	34.2%	474,528	16.7%
NYMEX HOT ROLLED STEEL	21,914	20,977	4.5%	24,943	-12.1%
NYMEX PLATINUM	64,072	70,914	-9.6%	57,851	10.8%
PALLADIUM	22,801	32,522	-29.9%	22,321	2.2%
URANIUM	7,273	4,539	60.2%	7,185	1.2%
COMEX SILVER	201,872	179,953	12.2%	177,267	13.9%
COMEX E-Mini GOLD	1,371	1,522	-9.9%	1,231	11.4%
E-MINI SILVER	0	0	-	0	-
COMEX E-Mini SILVER	75	105	-28.6%	68	10.3%
COMEX COPPER	178,814	163,009	9.7%	188,415	-5.1%
COMEX MINY COPPER	36	96	-62.5%	113	-68.1%
Aluminium MW Trans Prem Platts	27,328	5,990	356.2%	27,518	-0.7%
ALUMINUM	6,571	0	-	6,139	7.0%
ALUMINUM	374	184	103.3%	247	51.4%
ALUMINUM	240	0	-	96	150.0%
ALUMINUM	1,337	0	-	1,422	-6.0%
COPPER	5,383	4,523	19.0%	5,593	-3.8%
E-MICRO GOLD	2,653	1,530	73.4%	1,419	87.0%
FERROUS PRODUCTS	360	550	-34.5%	0	-
FERROUS PRODUCTS	0	0	-	0	-
Gold Kilo	143	46	210.9%	8	1,687.5%
IRON ORE 58 CHINA TSI FUTURES	0	0	-	0	-
IRON ORE 62 CHINA PLATTS FUTURES	100	534	-81.3%	790	-87.3%
IRON ORE 62 CHINA TSI FUTURES	24,071	15,502	55.3%	26,713	-9.9%
LNDN ZINC	0	0	-	5	-100.0%
SILVER	564	763	-26.1%	599	-5.8%
Metals Options					
COMEX COPPER	2,308	1,613	43.1%	2,090	10.4%
COMEX GOLD	1,153,395	1,498,703	-23.0%	1,119,202	3.1%
COMEX SILVER	131,206	166,305	-21.1%	117,244	11.9%
COPPER	0	0	-	0	-
GOLD	232	97	139.2%	623	-62.8%
GOLD	156	470	-66.8%	46	239.1%
GOLD	0	0	-	50	-100.0%
GOLD	0	0	-	0	-
GOLD	0	0	-	0	-
HOT ROLLED COIL STEEL CALL OPTION	0	0	-	0	-
HOT ROLLED COIL STEEL PUT OPTION	0	0	-	0	-
IRON ORE 62 CHINA TSI CALL OPTION	18,616	7,529	147.3%	19,645	-5.2%
IRON ORE 62 CHINA TSI PUT OPTION	18,597	23,010	-19.2%	19,180	-3.0%
NYMEX PLATINUM	5,902	13,701	-56.9%	4,694	25.7%
PALLADIUM	4,668	9,698	-51.9%	4,409	5.9%
SHORT TERM	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SILVER	0	0	-	0	-
SILVER	0	0	-	0	-
SILVER	0	0	-	0	-
SILVER	0	0	-	0	-
SILVER	0	0	-	0	-



NYMEX/COMEX Exchange Open Interest Report - Monthly

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TOTAL FUTURES GROUP					
Commodities and Alternative Investments Futures	60	66	-9.1%	49	22.4%
Energy Futures	21,740,938	18,675,658	16.4%	21,266,404	2.2%
Metals Futures	1,120,912	915,655	22.4%	1,024,471	9.4%
TOTAL FUTURES	22,861,910	19,591,379	16.7%	22,290,924	2.6%
TOTAL OPTIONS GROUP					
Energy Options	7,706,884	9,175,216	-16.0%	7,496,558	2.8%
Metals Options	1,335,080	1,721,126	-22.4%	1,287,183	3.7%
TOTAL OPTIONS	9,041,964	10,896,342	-17.0%	8,783,741	2.9%
TOTAL COMBINED					
Commodities and Alternative Investments	60	66	-9.1%	49	22.4%
Energy	29,447,822	27,850,874	5.7%	28,762,962	2.4%
Metals	2,455,992	2,636,781	-6.9%	2,311,654	6.2%
GRAND TOTAL	31,903,874	30,487,721	4.6%	31,074,665	2.7%