



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAY 2018	Open Interest MAY 2017	% CHG	Open Interest APR 2018	% CHG	
Ag Products Futures						
COCOA TAS	CJ	1	1	0.0%	1	0.0%
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	6	-100.0%	0	-
SUGAR 11	YO	58	7	728.6%	58	0.0%
Energy Futures						
CRUDE OIL PHY	CL	2,644,087	2,218,532	19.2%	2,646,565	-0.1%
CRUDE OIL	WS	1,572	1,694	-7.2%	572	174.8%
MINY WTI CRUDE OIL	QM	5,116	5,531	-7.5%	4,499	13.7%
BRENT OIL LAST DAY	BZ	227,528	132,727	71.4%	218,199	4.3%
HEATING OIL PHY	HO	415,713	380,704	9.2%	432,978	-4.0%
HTG OIL	BH	222	246	-9.8%	241	-7.9%
MINY HTG OIL	QH	0	0	-	1	-100.0%
RBOB PHY	RB	480,931	381,600	26.0%	457,201	5.2%
MINY RBOB GAS	QU	0	0	-	0	-
NATURAL GAS	HP	83,815	131,846	-36.4%	81,599	2.7%
LTD NAT GAS	HH	393,983	402,859	-2.2%	368,486	6.9%
MINY NATURAL GAS	QG	1,019	1,898	-46.3%	1,103	-7.6%
PJM MONTHLY	JM	1,160	2,860	-59.4%	1,190	-2.5%
NATURAL GAS PHY	NG	1,534,433	1,530,334	0.3%	1,442,242	6.4%
RBOB GAS	RT	1,379	1,056	30.6%	2,896	-52.4%
3.5% FUEL OIL CID MED SWA	7D	321	550	-41.6%	305	5.2%
3.5% FUEL OIL CIF BALMO S	8D	5	0	-	90	-94.4%
AEP-DAYTON HUB DAILY	VD	92	148	-37.8%	92	0.0%
AEP-DAYTON HUB MTHLY	VM	0	560	-100.0%	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	400	-100.0%	0	-
ALGON CITY GATES NAT GAS	N7	0	1,472	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	B4	0	1,434	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-
ANR OKLAHOMA	NE	1,128	2,835	-60.2%	1,283	-12.1%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	49,286	11,292	336.5%	46,899	5.1%
ARGUS PROPAN FAR EST INDE	7E	5,317	1,335	298.3%	5,362	-0.8%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,855	713	160.2%	2,056	-9.8%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	240	726	-66.9%	264	-9.1%
BRENT BALMO SWAP	J9	0	0	-	0	-
BRENT CALENDAR SWAP	CY	20,033	16,304	22.9%	13,297	50.7%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	3,798	13,332	-71.5%	3,322	14.3%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-
BRENT FINANCIAL FUTURES	MDB	0	0	-	72	-100.0%
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	0	3,850	-100.0%	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	1,850	-100.0%	0	-
CANADIAN LIGHT SWEET OIL	CIL	42	4,539	-99.1%	49	-14.3%
CENTERPOINT BASIS SWAP	PW	6,357	14,867	-57.2%	6,919	-8.1%
CENTERPOINT EAST INDEX	II	0	0	-	0	-
CEU ENERGY	DEB	61	0	-	63	-3.2%
CEU ENERGY	TTF	135	0	-	180	-25.0%



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Energy Futures					
CEU ENERGY	203	0	-	131	55.0%
CHICAGO ETHANOL SWAP	57,005	49,360	15.5%	61,674	-7.6%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	847	1,400	-39.5%	730	16.0%
CHICAGO UNL GAS PL VS RBO	525	24	2,087.5%	525	0.0%
CIG BASIS	16,328	38,010	-57.0%	17,778	-8.2%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	80	124	-35.5%	90	-11.1%
CINERGY HUB PEAK MONTH	192	288	-33.3%	216	-11.1%
CIN HUB 5MW D AH O PK	83,440	342,600	-75.6%	96,880	-13.9%
CIN HUB 5MW D AH PK	7,206	17,522	-58.9%	7,276	-1.0%
CIN HUB 5MW REAL TIME O P	343,464	590,344	-41.8%	370,904	-7.4%
CIN HUB 5MW REAL TIME PK	29,383	48,051	-38.9%	31,209	-5.9%
COAL SWAP	105	305	-65.6%	160	-34.4%
COAL SWAP	0	0	-	0	-
COLUMB GULF MAINLINE NG B	2,326	12,915	-82.0%	2,662	-12.6%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
COLUMBIA GULF ONSHORE	0	10,058	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	1,173	863	35.9%	764	53.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	843	4,167	-79.8%	713	18.2%
CONWAY PROPANE 5 DECIMALS SWAP	22,829	16,078	42.0%	22,097	3.3%
CRUDE OIL	0	0	-	0	-
CRUDE OIL	17,700	17,950	-1.4%	16,300	8.6%
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	236	113	108.8%	367	-35.7%
CRUDE OIL OUTRIGHTS	0	180	-100.0%	0	-
CRUDE OIL OUTRIGHTS	100	0	-	500	-80.0%
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	780	-100.0%	0	-
CRUDE OIL OUTRIGHTS	59	200	-70.5%	14	321.4%
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	-
CRUDE OIL OUTRIGHTS	117,588	28,845	307.7%	102,258	15.0%
CRUDE OIL OUTRIGHTS	1,065	0	-	1,360	-21.7%
CRUDE OIL OUTRIGHTS	0	120	-100.0%	0	-
CRUDE OIL OUTRIGHTS	900	0	-	1,200	-25.0%
CRUDE OIL OUTRIGHTS	1,500	0	-	1,600	-6.3%
CRUDE OIL OUTRIGHTS	960	7,800	-87.7%	1,120	-14.3%
CRUDE OIL OUTRIGHTS	22,023	6,500	238.8%	23,810	-7.5%
CRUDE OIL PHY	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	1,740	0	-	945	84.1%
CRUDE OIL SPRDS	180,041	27,178	562.5%	169,821	6.0%
CRUDE OIL TRADE AT MARKER SINGAPORE	0	0	0.0%	0	0.0%
DAILY PJM	3,720	9,960	-62.7%	2,976	25.0%
DAILY PJM	15,872	13,920	14.0%	15,360	3.3%
DAILY PJM	13,680	13,200	3.6%	11,904	14.9%
DAILY PJM	615	1,315	-53.2%	486	26.5%
DAILY PJM	5,424	12,000	-54.8%	10,080	-46.2%
DAILY PJM	33,280	125,568	-73.5%	65,192	-49.0%
DAILY PJM	1,742	5,777	-69.8%	2,943	-40.8%
DAILY PJM	24,208	82,880	-70.8%	26,400	-8.3%
DAILY PJM	1,262	5,122	-75.4%	1,485	-15.0%
DAILY PJM	20,280	24,720	-18.0%	17,184	18.0%

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Energy Futures						
DAILY PJM	ZAO	6,944	14,400	-51.8%	6,720	3.3%
DAILY PJM	ZGO	28,272	10,080	180.5%	27,360	3.3%
DAILY PJM	ZJO	12,400	2,400	416.7%	12,000	3.3%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	5,745	9,430	-39.1%	6,460	-11.1%
DEMARC INDEX FUTURE	DI	0	0	-	0	-
DEMARC SWING SWAP	DT	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	1,960	2,920	-32.9%	2,200	-10.9%
DOMINION TRANSMISSION INC	PG	21,403	53,558	-60.0%	22,641	-5.5%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	3,287	15,795	-79.2%	2,469	33.1%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	QX	240	1,125	-78.7%	225	6.7%
EAST/WEST FUEL OIL SPREAD	EW	117	894	-86.9%	137	-14.6%
EIA FLAT TAX ONHWAY DIESE	A5	1,828	4,728	-61.3%	1,872	-2.4%
ELEC ERCOT DLY OFF PK	I4	6,000	0	-	0	-
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	0	0	-	180	-100.0%
ELEC ERCOT DLY PEAK	I7	180	0	-	180	0.0%
ELEC ERCOT DLY PEAK	N1	0	0	-	0	-
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	19,600	-100.0%
ELEC FINSETTLED	47	1,364	2,384	-42.8%	1,406	-3.0%
ELEC FINSETTLED	49	0	0	-	0	-
ELEC MISO PEAK	4L	2,550	215	1,086.0%	2,865	-11.0%
ELEC MISO PEAK	55	0	680	-100.0%	0	-
ELEC NYISO OFF-PEAK	4M	47,415	0	-	53,175	-10.8%
ELEC NYISO OFF-PEAK	58	0	12,644	-100.0%	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	25,026	43,869	-43.0%	25,794	-3.0%
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ELECTRICITY OFF PEAK	50	0	0	-	0	-
ELEC WEST POWER OFF-PEAK	MDA	0	1,550	-100.0%	0	-
ELEC WEST POWER PEAK	MDC	0	0	0.0%	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	2,200	420	423.8%	2,200	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	6,000	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	110,880	14,720	653.3%	130,480	-15.0%
ERCOT NORTH ZMCPE 5MW PEAK	I5	6,300	420	1,400.0%	6,960	-9.5%
ETHANOL SWAP	MT2	10	0	-	10	0.0%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,002	3,778	32.4%	5,111	-2.1%
EURO 1% FUEL OIL NEW BALM	KX	15	8	87.5%	0	-
EURO 3.5% FUEL OIL RDAM B	KR	860	633	35.9%	657	30.9%
EURO 3.5% FUEL OIL SPREAD	FK	326	1,731	-81.2%	340	-4.1%
EURO-DENOMINATED PETRO PROD	NCP	0	60	-100.0%	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	352	235	49.8%	385	-8.6%
EUROPE 1% FUEL OIL NWE CA	UF	230	206	11.7%	261	-11.9%
EUROPE 1% FUEL OIL RDAM C	UH	3	16	-81.3%	0	-

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Energy Futures						
EUROPE 3.5% FUEL OIL MED	UI	365	594	-38.6%	435	-16.1%
EUROPE 3.5% FUEL OIL RDAM	UV	14,764	11,099	33.0%	13,926	6.0%
EUROPEAN GASOIL (ICE)	7F	152	1,973	-92.3%	193	-21.2%
EUROPEAN NAPHTHA BALMO	KZ	231	288	-19.8%	203	13.8%
EUROPEAN NAPHTHA CRACK SPR	EN	14,716	11,788	24.8%	14,205	3.6%
EUROPE DATED BRENT SWAP	UB	225	8	2,712.5%	300	-25.0%
EUROPE JET KERO NWE CALSW	UJ	30	60	-50.0%	36	-16.7%
EUROPE NAPHTHA CALSWAP	UN	2,501	2,758	-9.3%	2,964	-15.6%
EURO PROPANE CIF ARA SWA	PS	1,688	1,158	45.8%	1,721	-1.9%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-
FREIGHT MARKETS	FLP	729	830	-12.2%	741	-1.6%
FREIGHT MARKETS	FRC	380	0	-	45	744.4%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	1,032	0	-	891	15.8%
FREIGHT MARKETS	TC6	120	0	-	180	-33.3%
FUEL OIL CRACK VS ICE	FO	15,163	21,825	-30.5%	16,912	-10.3%
FUEL OIL NWE CRACK VS ICE	FI	171	0	-	171	0.0%
FUEL OIL (PLATS) CAR CM	1W	112	42	166.7%	126	-11.1%
FUEL OIL (PLATS) CAR CN	1X	72	0	-	72	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	804	1,015	-20.8%	838	-4.1%
GAS EURO-BOB OXY NWE BARGES	7H	6,940	6,436	7.8%	6,543	6.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	36,191	32,736	10.6%	37,611	-3.8%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	Z5	10	40	-75.0%	10	0.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	146	130	12.3%	168	-13.1%
GASOIL 0.1 ROTTERDAM BARG	VL	365	20	1,725.0%	220	65.9%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	379	860	-55.9%	426	-11.0%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	34	75	-54.7%	12	183.3%
GASOIL CRACK SPREAD CALEN	GZ	23,039	21,434	7.5%	25,326	-9.0%
GASOIL MINI CALENDAR SWAP	QA	609	413	47.5%	628	-3.0%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	A7	139	200	-30.5%	112	24.1%
GROUP THREE UNLEAD GAS (P	A9	425	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	10,739	7,879	36.3%	10,755	-0.1%
GRP THREE UNL GS (PLT) VS	A8	4,047	3,430	18.0%	4,842	-16.4%
GULF COAST 3% FUEL OIL BA	VZ	2,119	1,208	75.4%	947	123.8%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	838	989	-15.3%	891	-5.9%
GULF COAST JET VS NYM 2 H	ME	33,329	34,519	-3.4%	36,761	-9.3%
GULF COAST NO.6 FUEL OIL	MF	61,311	47,100	30.2%	55,783	9.9%
GULF COAST NO.6 FUEL OIL	MG	8,862	4,550	94.8%	8,616	2.9%
GULF COAST ULSD CALENDAR	LY	1,201	3,523	-65.9%	1,183	1.5%
GULF COAST ULSD CRACK SPR	GY	995	2,628	-62.1%	1,045	-4.8%
HEATING OIL BALMO CLNDR S	1G	0	210	-100.0%	0	-
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-

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Energy Futures						
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HENRY HUB BASIS SWAP	HB	2,080	37,010	-94.4%	3,568	-41.7%
HENRY HUB FINANCIAL LAST	NBP	39	0	-	22	77.3%
HENRY HUB FINANCIAL LAST	TTE	4	0	-	6	-33.3%
HENRY HUB INDEX SWAP FUTU	IN	2,712	30,066	-91.0%	3,312	-18.1%
HENRY HUB SWAP	NN	1,112,596	1,258,976	-11.6%	1,110,290	0.2%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	14,993	22,682	-33.9%	15,551	-3.6%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	0	1,459	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	45,879	46,167	-0.6%	43,956	4.4%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
IN DELIVERY MONTH EUA	6T	3,698	10,598	-65.1%	3,698	0.0%
INDIANA MISO	FAD	17,640	26,240	-32.8%	17,080	3.3%
INDIANA MISO	FTD	8,400	6,240	34.6%	6,720	25.0%
INDIANA MISO	FTM	0	0	-	0	-
INDIANA MISO	PDD	936	1,882	-50.3%	846	10.6%
INDIANA MISO	PDM	0	0	-	0	-
INDIANA MISO	PTD	581	315	84.4%	498	16.7%
INDIANA MISO	PTM	0	0	-	0	-
INDONESIAN COAL	MCC	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	50	0	-	150	-66.7%
ISO NEW ENGLAND OFF-PEAK	KI	0	112	-100.0%	0	-
ISO NEW ENGLAND PK LMP	NI	0	136	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	JB	924	1,522	-39.3%	1,060	-12.8%
JAPAN C&F NAPHTHA SWAP	JA	2,754	2,387	15.4%	2,329	18.2%
JAPAN NAPHTHA BALMO SWAP	E6	47	360	-86.9%	31	51.6%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	16	20	-20.0%	18	-11.1%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-
JET CIF NWE VS ICE	JC	535	481	11.2%	575	-7.0%
JET FUEL BRG FOB RDM VS I	9Q	0	5	-100.0%	0	-
JET FUEL CRG CIF NEW VS I	6X	0	10	-100.0%	0	-
JET FUEL UP-DOWN BALMO CL	1M	3,250	7,220	-55.0%	3,685	-11.8%
LA CARB DIESEL (OPIS)	LX	0	26	-100.0%	0	-
LA CARB DIESEL (OPIS) SWA	KL	575	360	59.7%	375	53.3%
LA CARBOB GASOLINE(OPIS)S	JL	1,150	425	170.6%	1,450	-20.7%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	-	0	-
LA JET (OPIS) SWAP	JS	2,735	2,815	-2.8%	2,740	-0.2%
LLS (ARGUS) VS WTI SWAP	WJ	34,910	25,061	39.3%	26,043	34.0%
MARS (ARGUS) VS WTI SWAP	YX	11,545	9,989	15.6%	10,500	10.0%
MARS (ARGUS) VS WTI TRD M	YV	27,905	20,545	35.8%	28,785	-3.1%
MARS BLEND CRUDE OIL	MB	200	2,366	-91.5%	200	0.0%
MCCLOSKEY ARA ARGS COAL	MTF	39,233	69,664	-43.7%	42,777	-8.3%
MCCLOSKEY RCH BAY COAL	MFF	4,125	11,798	-65.0%	4,947	-16.6%
MGF FUT	MGF	35	34	2.9%	50	-30.0%
MGN1 SWAP FUT	MGN	441	514	-14.2%	446	-1.1%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-
MICHIGAN BASIS	NF	3,802	9,577	-60.3%	4,025	-5.5%
MICHIGAN MISO	HMO	22,120	151,560	-85.4%	24,808	-10.8%
MICHIGAN MISO	HMW	1,190	9,860	-87.9%	1,337	-11.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	294	593	-50.4%	502	-41.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	310	943	-67.1%	862	-64.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	2,692	3,958	-32.0%	2,623	2.6%



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Energy Futures						
MJC FUT	MJC	555	255	117.6%	615	-9.8%
MNC FUT	MNC	5,274	4,949	6.6%	4,962	6.3%
MONT BELVIEU ETHANE 5 DECIMAL	C0	45,202	79,548	-43.2%	46,565	-2.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	125	247	-49.4%	90	38.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	128,901	109,668	17.5%	119,272	8.1%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,645	1,110	48.2%	1,933	-14.9%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	20,211	10,723	88.5%	20,066	0.7%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	336	50	572.0%	203	65.5%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	38,893	40,814	-4.7%	35,761	8.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	661	378	74.9%	775	-14.7%
NAT GAS BASIS SWAP	TZ6	4,267	10,513	-59.4%	4,515	-5.5%
NATURAL GAS	HBI	0	0	-	0	-
NATURAL GAS	XIC	0	40	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	720	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	-	0	-
NATURAL GAS INDEX	TZI	0	736	-100.0%	0	-
NATURAL GAS PEN SWP	NP	170,783	235,078	-27.4%	150,664	13.4%
NEPOOL CNCTCT 5MW D AH O	P3	0	3,161	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	170	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	H2	475,653	616,777	-22.9%	479,685	-0.8%
NEPOOL INTR HUB 5MW D AH	U6	30,951	43,596	-29.0%	31,743	-2.5%
NEPOOL NE MASS 5MW D AH O	P8	14,040	0	-	14,040	0.0%
NEPOOL NE MASS 5MW D AH P	P7	765	0	-	765	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	0	850	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	15,805	-100.0%	0	-
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	0	6,322	-100.0%	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	340	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	CE	1,888	957	97.3%	1,947	-3.0%
NEW YORK ETHANOL SWAP	EZ	2,265	815	177.9%	2,985	-24.1%
NEW YORK HUB ZONE G PEAK	GN	2,304	1,001	130.2%	2,376	-3.0%
NEW YORK HUB ZONE J PEAK	JN	850	693	22.7%	660	28.8%
NGPL MID-CONTINENT	NL	18,852	27,876	-32.4%	19,813	-4.9%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-
NGPL TEX/OK	PD	26,399	31,825	-17.0%	29,320	-10.0%
NGPL TEXOK INDEX	OI	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	258	216	19.4%	258	0.0%
N ILLINOIS HUB MTHLY	UM	0	160	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	483	2,210	-78.1%	125	286.4%
NORTHEN NATURAL GAS DEMAR	PE	1,096	2,612	-58.0%	1,228	-10.7%
NORTHEN NATURAL GAS VENTU	PF	1,444	3,800	-62.0%	1,456	-0.8%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	29,725	57,810	-48.6%	31,585	-5.9%
N ROCKIES PIPE SWAP	XR	30	395	-92.4%	61	-50.8%
NY1% VS GC SPREAD SWAP	VR	2,757	4,924	-44.0%	3,669	-24.9%

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Energy Futures						
NY 2.2% FUEL OIL (PLATTS)	Y3	0	0	-	0	-
NY 3.0% FUEL OIL (PLATTS)	H1	350	1,250	-72.0%	625	-44.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	7,953	9,896	-19.6%	7,356	8.1%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	690	1,665	-58.6%	740	-6.8%
NY HARBOR RESIDUAL FUEL 1	MM	1,926	4,850	-60.3%	1,785	7.9%
NYH NO 2 CRACK SPREAD CAL	HK	5,292	8,394	-37.0%	5,247	0.9%
NY H OIL PLATTS VS NYMEX	YH	0	0	-	0	-
NYISO A	KA	0	0	-	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-
NYISO CAPACITY	LHV	354	315	12.4%	378	-6.3%
NYISO CAPACITY	NNC	769	1,490	-48.4%	744	3.4%
NYISO CAPACITY	NRS	1,471	1,553	-5.3%	1,678	-12.3%
NYISO G	KG	0	0	-	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-
NYISO J	KJ	0	1,151	-100.0%	0	-
NYISO J OFF-PEAK	KK	0	240	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	K4	42,750	123,510	-65.4%	48,126	-11.2%
NYISO ZONE A 5MW D AH PK	K3	5,346	10,390	-48.5%	5,724	-6.6%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	110	-100.0%	0	-
NYISO ZONE G 5MW D AH O P	D2	656,750	410,021	60.2%	599,214	9.6%
NYISO ZONE G 5MW D AH PK	T3	30,578	22,607	35.3%	21,672	41.1%
NYISO ZONE J 5MW D AH O P	D4	214,041	346,221	-38.2%	223,641	-4.3%
NYISO ZONE J 5MW D AH PK	D3	15,661	17,849	-12.3%	16,291	-3.9%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	-	0	-
NYMEX ALUMINUM FUTURES	AN	576	880	-34.5%	594	-3.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	311	1,501	-79.3%	218	42.7%
ONEOK OKLAHOMA NG BASIS	8X	428	1,200	-64.3%	490	-12.7%
ONTARIO POWER SWAPS	OFD	0	1,200	-100.0%	0	-
ONTARIO POWER SWAPS	OFM	0	27,690	-100.0%	0	-
ONTARIO POWER SWAPS	OPD	0	90	-100.0%	0	-
ONTARIO POWER SWAPS	OPM	0	850	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	PH	9,901	30,605	-67.6%	10,654	-7.1%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-
PANHANDLE PIPE SWAP	XH	1,451	864	67.9%	1,720	-15.6%
PERMIAN BASIS SWAP	PM	7,442	16,737	-55.5%	7,876	-5.5%
PETROCHEMICALS	22	181	92	96.7%	215	-15.8%
PETROCHEMICALS	32	157	92	70.7%	227	-30.8%
PETROCHEMICALS	51	23	0	-	23	0.0%
PETROCHEMICALS	8I	6,350	3,355	89.3%	5,949	6.7%
PETROCHEMICALS	91	898	410	119.0%	926	-3.0%
PETROCHEMICALS	HPE	0	0	-	0	-
PETROCHEMICALS	JKM	1,715	0	-	1,605	6.9%
PETROCHEMICALS	LPE	0	0	-	0	-
PETROCHEMICALS	MAA	50	0	-	0	-
PETROCHEMICALS	MAC	0	0	-	0	-
PETROCHEMICALS	MAE	320	10	3,100.0%	340	-5.9%
PETROCHEMICALS	MAS	115	20	475.0%	100	15.0%
PETROCHEMICALS	MBE	610	1,490	-59.1%	470	29.8%
PETROCHEMICALS	MNB	4,193	2,740	53.0%	4,789	-12.4%
PETROCHEMICALS	MPS	200	10	1,900.0%	155	29.0%

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Energy Futures						
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STR	100	0	-	100	0.0%
PETRO CRCKS & SPRDS ASIA	STS	1,036	150	590.7%	1,161	-10.8%
PETRO CRCKS & SPRDS NA	CRB	1,030	194	430.9%	1,090	-5.5%
PETRO CRCKS & SPRDS NA	EXR	4,310	3,025	42.5%	4,624	-6.8%
PETRO CRCKS & SPRDS NA	FOC	2,425	2,545	-4.7%	3,400	-28.7%
PETRO CRCKS & SPRDS NA	GBB	2,525	200	1,162.5%	670	276.9%
PETRO CRCKS & SPRDS NA	GCC	690	75	820.0%	550	25.5%
PETRO CRCKS & SPRDS NA	GCI	2,586	4,562	-43.3%	3,044	-15.0%
PETRO CRCKS & SPRDS NA	GCM	142	0	-	121	17.4%
PETRO CRCKS & SPRDS NA	GCU	35,860	18,699	91.8%	35,819	0.1%
PETRO CRCKS & SPRDS NA	GFC	25	50	-50.0%	0	-
PETRO CRCKS & SPRDS NA	HOB	6,965	13,745	-49.3%	8,244	-15.5%
PETRO CRCKS & SPRDS NA	KSD	0	75	-100.0%	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	0	300	-100.0%	0	-
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	18,067	16,369	10.4%	14,573	24.0%
PETRO CRCKS & SPRDS NA	RVG	31,866	17,602	81.0%	24,324	31.0%
PETRO CRCKS & SPRDS NA	SF3	105	4	2,525.0%	168	-37.5%
PETRO CRK&SPRD EURO	1NB	5,166	3,074	68.1%	4,794	7.8%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	161	310	-48.1%	585	-72.5%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	4,869	5,328	-8.6%	4,635	5.0%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	101	59	71.2%	75	34.7%
PETRO CRK&SPRD EURO	EPN	1,488	637	133.6%	1,407	5.8%
PETRO CRK&SPRD EURO	EVC	7,211	6,482	11.2%	6,744	6.9%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-
PETRO CRK&SPRD EURO	FVB	30	0	-	30	0.0%
PETRO CRK&SPRD EURO	GCB	155	275	-43.6%	200	-22.5%
PETRO CRK&SPRD EURO	GOC	54	92	-41.3%	69	-21.7%
PETRO CRK&SPRD EURO	MGB	40	20	100.0%	80	-50.0%
PETRO CRK&SPRD EURO	MUD	154	573	-73.1%	182	-15.4%
PETRO CRK&SPRD EURO	NBB	6	25	-76.0%	60	-90.0%
PETRO CRK&SPRD EURO	NOB	1,998	1,404	42.3%	2,012	-0.7%
PETRO CRK&SPRD EURO	SFB	0	0	-	30	-100.0%
PETROLEUM PRODUCTS	D46	0	0	-	0	-
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	9,886	4,430	123.2%	12,883	-23.3%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-
PETROLEUM PRODUCTS	MGS	0	20	-100.0%	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-
PETROLEUM PRODUCTS	MME	0	20	-100.0%	0	-
PETROLEUM PRODUCTS	MPE	0	100	-100.0%	0	-
PETROLEUM PRODUCTS	VU	575	95	505.3%	603	-4.6%
PETROLEUM PRODUCTS ASIA	E6M	20	34	-41.2%	30	-33.3%
PETROLEUM PRODUCTS ASIA	MJN	2,935	2,446	20.0%	3,174	-7.5%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-

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Energy Futures						
PETRO OUTRIGHT EURO	0B	0	65	-100.0%	20	-100.0%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	5,328	6,922	-23.0%	4,792	11.2%
PETRO OUTRIGHT EURO	0E	30	338	-91.1%	109	-72.5%
PETRO OUTRIGHT EURO	0F	1,354	2,680	-49.5%	1,017	33.1%
PETRO OUTRIGHT EURO	1T	30	60	-50.0%	36	-16.7%
PETRO OUTRIGHT EURO	33	0	116	-100.0%	0	-
PETRO OUTRIGHT EURO	5L	45	77	-41.6%	46	-2.2%
PETRO OUTRIGHT EURO	63	0	0	-	70	-100.0%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	33	121	-72.7%	315	-89.5%
PETRO OUTRIGHT EURO	7R	380	223	70.4%	212	79.2%
PETRO OUTRIGHT EURO	88	0	0	-	45	-100.0%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	405	110	268.2%	297	36.4%
PETRO OUTRIGHT EURO	EFF	8	0	-	93	-91.4%
PETRO OUTRIGHT EURO	EFM	0	77	-100.0%	0	-
PETRO OUTRIGHT EURO	ENS	170	80	112.5%	190	-10.5%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-
PETRO OUTRIGHT EURO	EWN	1,196	1,257	-4.9%	1,273	-6.0%
PETRO OUTRIGHT EURO	FBD	0	0	-	0	-
PETRO OUTRIGHT EURO	MBB	0	30	-100.0%	25	-100.0%
PETRO OUTRIGHT EURO	MBN	4,486	2,744	63.5%	4,268	5.1%
PETRO OUTRIGHT EURO	SMU	178	40	345.0%	228	-21.9%
PETRO OUTRIGHT EURO	T0	77	536	-85.6%	75	2.7%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	780	320	143.8%	980	-20.4%
PETRO OUTRIGHT EURO	W0	0	0	-	0	-
PETRO OUTRIGHT EURO	X0	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	254	204	24.5%	50	408.0%
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	250	150	66.7%	285	-12.3%
PETRO OUTRIGHT NA	JET	2,050	4,600	-55.4%	1,800	13.9%
PETRO OUTRIGHT NA	JTB	0	300	-100.0%	660	-100.0%
PETRO OUTRIGHT NA	MBL	38	175	-78.3%	10	280.0%
PETRO OUTRIGHT NA	MEN	254	606	-58.1%	397	-36.0%
PETRO OUTRIGHT NA	MEO	4,957	12,473	-60.3%	4,162	19.1%
PETRO OUTRIGHT NA	MFD	70	25	180.0%	20	250.0%
PETRO OUTRIGHT NA	MMF	80	153	-47.7%	85	-5.9%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	282,922	621,050	-54.4%	295,074	-4.1%
PJM AD HUB 5MW REAL TIME	Z9	18,279	32,064	-43.0%	19,291	-5.2%
PJM AECO DA OFF-PEAK	X1	0	3,528	-100.0%	0	-
PJM AECO DA PEAK	Y1	0	198	-100.0%	0	-
PJM APS ZONE DA OFF-PEAK	W4	0	0	-	0	-
PJM APS ZONE DA PEAK	S4	0	0	-	0	-
PJM ATSI ELEC	MOD	3,920	76,450	-94.9%	7,760	-49.5%
PJM ATSI ELEC	MPD	220	4,140	-94.7%	430	-48.8%
PJM BGE DA OFF-PEAK	R3	8,282	33,152	-75.0%	10,970	-24.5%

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Energy Futures						
PJM BGE DA PEAK	E3	450	1,807	-75.1%	597	-24.6%
PJM COMED 5MW D AH O PK	D9	15,805	52,925	-70.1%	17,725	-10.8%
PJM COMED 5MW D AH PK	D8	850	2,895	-70.6%	955	-11.0%
PJM DAILY	JD	1,096	730	50.1%	878	24.8%
PJM DAYTON DA OFF-PEAK	R7	89,200	192,428	-53.6%	92,272	-3.3%
PJM DAYTON DA PEAK	D7	8,295	15,678	-47.1%	8,820	-6.0%
PJM JCPL DA OFF-PEAK	F2	0	3,920	-100.0%	0	-
PJM JCPL DA PEAK	J2	0	220	-100.0%	0	-
PJM NI HUB 5MW REAL TIME	B3	23,102	54,625	-57.7%	25,940	-10.9%
PJM NI HUB 5MW REAL TIME	B6	459,966	1,301,673	-64.7%	504,654	-8.9%
PJM NILL DA OFF-PEAK	L3	270,822	1,229,949	-78.0%	288,870	-6.2%
PJM NILL DA PEAK	N3	16,911	57,452	-70.6%	18,108	-6.6%
PJM OFF-PEAK LMP SWAP FUT	JP	328	832	-60.6%	370	-11.4%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	-	0	-
PJM PPL DA OFF-PEAK	F5	0	0	-	0	-
PJM PPL DA PEAK	L5	0	0	-	0	-
PJM PSEG DA OFF-PEAK	W6	31,240	118,960	-73.7%	38,920	-19.7%
PJM PSEG DA PEAK	L6	440	5,100	-91.4%	860	-48.8%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	310,219	769,502	-59.7%	328,267	-5.5%
PJM WESTHDA PEAK	J4	16,763	43,246	-61.2%	17,750	-5.6%
PJM WESTH RT OFF-PEAK	N9	1,519,278	2,549,398	-40.4%	1,616,766	-6.0%
PJM WESTH RT PEAK	L1	102,994	152,654	-32.5%	114,190	-9.8%
PLASTICS	PGP	782	1,427	-45.2%	796	-1.8%
PREMIUM UNLD 10P FOB MED	3G	465	100	365.0%	673	-30.9%
PREMIUM UNLEAD 10PPM FOB	8G	84	65	29.2%	0	-
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	54	11	390.9%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	405	45	800.0%	487	-16.8%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	47,839	25,284	89.2%	43,818	9.2%
RBOB CALENDAR SWAP	RL	12,578	10,980	14.6%	12,264	2.6%
RBOB CRACK SPREAD	RM	6,559	1,831	258.2%	5,544	18.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	1,526	1,704	-10.4%	3,709	-58.9%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	21	-100.0%	0	-
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	1,550	3,417	-54.6%	1,710	-9.4%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-
SAN JUAN BASIS SWAP	NJ	14,992	30,390	-50.7%	16,046	-6.6%
SAN JUAN PIPE SWAP	XX	360	0	-	360	0.0%
SINGAPORE 180CST BALMO	BS	105	70	50.0%	62	69.4%
SINGAPORE 380CST BALMO	BT	579	251	130.7%	115	403.5%
SINGAPORE 380CST FUEL OIL	SE	10,964	13,768	-20.4%	9,265	18.3%
SINGAPORE FUEL 180CST CAL	UA	2,243	2,099	6.9%	1,472	52.4%
SINGAPORE FUEL OIL SPREAD	SD	1,812	1,891	-4.2%	2,525	-28.2%
SINGAPORE GASOIL	MTB	90	120	-25.0%	0	-
SINGAPORE GASOIL	MTS	8,302	10,181	-18.5%	8,212	1.1%
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	3,400	600	466.7%	3,825	-11.1%
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	-

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Energy Futures						
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	350	530	-34.0%	200	75.0%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	125	-100.0%
SINGAPORE GASOIL SWAP	SG	7,280	17,920	-59.4%	8,777	-17.1%
SINGAPORE GASOIL VS ICE	GA	47,435	24,185	96.1%	45,470	4.3%
SINGAPORE JET KERO BALMO	BX	0	155	-100.0%	0	-
SINGAPORE JET KERO GASOIL	RK	11,050	5,620	96.6%	10,455	5.7%
SINGAPORE JET KEROSENE SW	KS	1,835	2,824	-35.0%	2,290	-19.9%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	350	536	-34.7%	300	16.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	15,709	12,719	23.5%	17,866	-12.1%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-
SING FUEL	MSD	10	5	100.0%	55	-81.8%
SOCAL PIPE SWAP	XN	0	0	-	0	-
SONAT BASIS SWAP FUTURE	SZ	0	428	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	70	232	-69.8%	80	-12.5%
Sumas Basis Swap	NK	4,259	8,276	-48.5%	4,424	-3.7%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	428	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	314	0	-	393	-20.1%
TC5 RAS TANURA TO YOKOHAM	TH	80	0	-	95	-15.8%
TCO BASIS SWAP	TC	6,951	22,396	-69.0%	7,385	-5.9%
TCO NG INDEX SWAP	Q1	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	1,943	0	-	1,682	15.5%
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	NM	0	486	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	6Z	0	306	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	NQ	0	910	-100.0%	0	-
TETCO M-3 INDEX	IX	0	5,152	-100.0%	0	-
Tetco STX Basis	TX	428	1,372	-68.8%	490	-12.7%
TEXAS EASTERN ZONE M-3 BA	NX	4,443	17,059	-74.0%	4,753	-6.5%
TEXAS GAS ZONE1 NG BASIS	9F	3,364	10,540	-68.1%	3,848	-12.6%
Transco Zone 3 Basis	CZ	1,926	5,941	-67.6%	2,205	-12.7%
TRANSCO ZONE 3 NG INDEX S	Y6	0	6,256	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	TR	5,832	19,936	-70.7%	6,235	-6.5%
TRANSCO ZONE 4 NAT GAS IN	B2	0	465	-100.0%	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	1,679	6,659	-74.8%	1,958	-14.2%
TRANSCO ZONE 6 INDEX	IT	0	1,472	-100.0%	0	-
UCM FUT	UCM	0	144	-100.0%	20	-100.0%
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	16	27	-40.7%	24	-33.3%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	6,875	3,330	106.5%	5,500	25.0%
UP DOWN GC ULSD VS NMX HO	LT	40,763	43,177	-5.6%	33,904	20.2%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-
WAHA BASIS	NW	4,481	9,029	-50.4%	4,842	-7.5%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	QP	120	1,050	-88.6%	245	-51.0%
WTI-BRENT BULLET SWAP	BY	6,704	904	641.6%	6,704	0.0%

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Energy Futures					
WTI-BRENT CALENDAR SWAP	130,303	38,668	237.0%	132,419	-1.6%
WTI CALENDAR	183,671	127,996	43.5%	178,928	2.7%
WTS (ARGUS) VS WTI SWAP	60,042	47,397	26.7%	64,074	-6.3%
WTS (ARGUS) VS WTI TRD MT	3,480	1,050	231.4%	3,793	-8.3%
Energy Options					
12 MO GASOIL CAL SWAP SPR	0	0	-	0	-
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-
BRENT 1 MONTH CAL	2,000	0	-	3,000	-33.3%
BRENT CALENDAR SWAP	3,498	12,972	-73.0%	3,171	10.3%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	210,610	0	-	220,372	-4.4%
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-
BRENT OIL LAST DAY	91,518	2,635	3,373.2%	73,515	24.5%
BRENT OIL LAST DAY	196,739	53,271	269.3%	171,315	14.8%
BRENT OIL LAST DAY	1,072	22,228	-95.2%	1,072	0.0%
COAL API2 INDEX	2,740	4,707	-41.8%	2,075	32.0%
COAL API2 INDEX	1,755	570	207.9%	875	100.6%
COAL API2 INDEX	0	0	-	0	-
COAL API4 INDEX	25	0	-	25	0.0%
COAL API4 INDEX	0	0	-	0	-
COAL SWAP	20	40	-50.0%	20	0.0%
COAL SWAP	250	625	-60.0%	250	0.0%
CRUDE OIL 1MO	446,235	672,427	-33.6%	391,525	14.0%
CRUDE OIL APO	475,009	288,593	64.6%	461,987	2.8%
CRUDE OIL CALNDR STRIP	170	0	-	170	0.0%
CRUDE OIL OUTRIGHTS	100	150	-33.3%	150	-33.3%
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	4,020	0	-	4,690	-14.3%
CRUDE OIL PHY	0	0	0.0%	0	0.0%
CRUDE OIL PHY	44,462	68,479	-35.1%	56,168	-20.8%
CRUDE OIL PHY	2,855,734	2,814,296	1.5%	3,200,118	-10.8%
CRUDE OIL PHY	9,790	7,308	34.0%	4,413	121.8%
CRUDE OIL PHY	2,512	1,406	78.7%	757	231.8%
CRUDE OIL PHY	0	340	-100.0%	355	-100.0%
CRUDE OIL PHY	1,548	912	69.7%	0	0.0%
CRUDE OIL PHY	62	0	-	0	-
ELEC FINSETTLED	0	0	-	0	-
ELEC MISO PEAK	0	0	-	0	-
ETHANOL	0	0	0.0%	0	0.0%
ETHANOL	150	300	-50.0%	0	-
ETHANOL SWAP	12,164	9,256	31.4%	12,738	-4.5%
ETHANOL SWAP	2,536	2,682	-5.4%	2,676	-5.2%
EURO-DENOMINATED PETRO PROD	0	0	-	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC	0	0	-	0	-
GASOLINE	0	0	-	0	-
HEATING OIL CRACK OPTIONS	0	0	-	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	0	0	-	0	-
HEATING OIL PHY	620	1,242	-50.1%	0	-
HEATING OIL PHY	36,367	49,270	-26.2%	48,836	-25.5%
HENRY HUB FINANCIAL LAST	5,672	10,315	-45.0%	5,734	-1.1%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	-
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-

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Energy Options						
LLS CRUDE OIL	WJO	1,800	9,575	-81.2%	1,800	0.0%
LLS CRUDE OIL	YVO	0	0	-	500	-100.0%
MCCLOSKEY ARA ARG5 COAL	MTO	345	1,160	-70.3%	495	-30.3%
MCCLOSKEY RCH BAY COAL	MFO	1,150	0	-	1,375	-16.4%
NATURAL GAS	G10	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	5,950	112,550	-94.7%	150	3,866.7%
NATURAL GAS 2 M CSO FIN	G2	0	1,900	-100.0%	0	-
NATURAL GAS 3 M CSO FIN	G3	37,970	31,300	21.3%	29,335	29.4%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	G6	3,200	0	-	1,500	113.3%
NATURAL GAS OPTION ON CALENDAR STRP	6J	12,286	6,078	102.1%	11,386	7.9%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	1,608,336	2,490,841	-35.4%	1,519,704	5.8%
NATURAL GAS PHY	ON	87,204	93,551	-6.8%	80,040	9.0%
NATURAL GAS PHY	ON1	0	0	-	0	-
NG HH 3 MONTH CAL	IC	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	2,054	4,680	-56.1%	1,624	26.5%
NY HARBOR HEAT OIL SWP	AT	19,105	28,099	-32.0%	17,534	9.0%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	14,910	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	3,600	2,880	25.0%	4,320	-16.7%
PETROCHEMICALS	4H	2,190	2,788	-21.4%	1,590	37.7%
PETROCHEMICALS	4J	1,430	4,315	-66.9%	1,440	-0.7%
PETROCHEMICALS	4K	0	0	-	0	-
PETROCHEMICALS	CPR	0	18	-100.0%	0	-
PETRO OUTRIGHT EURO	8H	0	300	-100.0%	0	-
PETRO OUTRIGHT NA	DAP	48	0	-	54	-11.1%
PJM MONTHLY	JO	0	0	-	0	-
PJM WES HUB PEAK CAL MTH	6OA	1,720	2,750	-37.5%	1,720	0.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	9,037	17,330	-47.9%	9,359	-3.4%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	650	1,603	-59.5%	645	0.8%
RBOB PHY	OB	11,711	25,620	-54.3%	12,165	-3.7%
RBOB PHY	RF	125	2	6,150.0%	125	0.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	360	-100.0%	0	-
SAN JUAN PIPE SWAP	PJ	1,828	4,096	-55.4%	1,700	7.5%
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 NATURAL GAS	U01	225	890	-74.7%	0	-
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	80	0	-	0	-



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Energy Options						
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	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-
SHORT TERM NATURAL GAS	U27	0	0	-	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 GASOIL CALENDAR	M2	0	200	-100.0%	0	-
SINGAPORE JET FUEL CALEND	N2	0	500	-100.0%	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	233,480	149,227	56.5%	205,841	13.4%
WTI CRUDE OIL 1 M CSO FI	7A	178,700	354,990	-49.7%	209,484	-14.7%
Metals Futures						
COMEX GOLD	GC	460,979	443,694	3.9%	506,226	-8.9%
NYMEX HOT ROLLED STEEL	HR	15,997	14,502	10.3%	13,277	20.5%
NYMEX PLATINUM	PL	81,436	69,007	18.0%	79,917	1.9%
PALLADIUM	PA	21,468	30,760	-30.2%	23,561	-8.9%
URANIUM	UX	2,664	4,931	-46.0%	2,764	-3.6%
COMEX SILVER	SI	210,701	204,633	3.0%	193,851	8.7%
COMEX E-Mini GOLD	QO	672	498	34.9%	676	-0.6%
COMEX E-Mini SILVER	QI	214	129	65.9%	185	15.7%
COMEX COPPER	HG	263,968	250,589	5.3%	240,018	10.0%
COMEX MINY COPPER	QC	70	164	-57.3%	65	7.7%
ALUMINUM	A38	0	20	-100.0%	0	-
ALUMINUM	AEP	14,938	14,665	1.9%	13,815	8.1%
ALUMINUM	ALA	2,780	70	3,871.4%	2,515	10.5%
ALUMINUM	ALI	0	558	-100.0%	0	-
ALUMINUM	AUP	33,449	33,448	0.0%	34,519	-3.1%
ALUMINUM	CUP	100	0	-	120	-16.7%
ALUMINUM	EDP	10,890	7,293	49.3%	10,580	2.9%
ALUMINUM	MJP	9,577	4,937	94.0%	10,379	-7.7%
COPPER	HGS	13,972	1,312	964.9%	15,003	-6.9%
E-MICRO GOLD	MGC	9,477	5,299	78.8%	8,307	14.1%
FERROUS PRODUCTS	BUS	3,858	190	1,930.5%	3,884	-0.7%
GOLD	GPS	0	0	-	0	-
Gold Kilo	GCK	0	11	-100.0%	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	740	1,302	-43.2%	880	-15.9%
IRON ORE 62 CHINA TSI FUTURES	TIO	10,934	19,750	-44.6%	9,789	11.7%
LNDN ZINC	ZNC	6	20	-70.0%	3	100.0%
METALS	LED	0	0	-	0	-
SILVER	SIL	1,408	710	98.3%	1,433	-1.7%

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Metals Options					
COMEX COPPER	21,482	4,000	437.1%	14,044	53.0%
COMEX GOLD	1,093,235	923,347	18.4%	1,112,179	-1.7%
COMEX SILVER	191,463	116,395	64.5%	175,093	9.3%
COPPER	0	0	-	0	-
GOLD	3,175	2,019	57.3%	3,380	-6.1%
GOLD	2,981	648	360.0%	492	505.9%
GOLD	1,380	581	137.5%	117	1,079.5%
GOLD	112	1	11,100.0%	0	0.0%
GOLD	0	0	-	0	-
HOT ROLLED COIL STEEL CALL OPTION	700	0	-	800	-12.5%
IRON ORE 62 CHINA TSI CALL OPTION	1,838	12,351	-85.1%	2,121	-13.3%
IRON ORE 62 CHINA TSI PUT OPTION	600	6,640	-91.0%	660	-9.1%
NYMEX PLATINUM	2,748	5,350	-48.6%	1,790	53.5%
PALLADIUM	2,101	3,784	-44.5%	4,037	-48.0%
SILVER	57	241	-76.3%	79	-27.8%
SILVER	71	0	-	38	86.8%
SILVER	9	6	50.0%	13	-30.8%
SILVER	3	34	-91.2%	0	0.0%
SILVER	0	0	-	0	-
TOTAL FUTURES GROUP					
Ag Products Futures	59	14	321.4%	59	0.0%
Energy Futures	14,880,183	19,359,428	-23.1%	14,972,169	-0.6%
Metals Futures	1,170,298	1,108,492	5.6%	1,171,767	-0.1%
TOTAL FUTURES	16,050,540	20,467,934	-21.6%	16,143,995	-0.6%
TOTAL OPTIONS GROUP					
Energy Options	6,631,602	7,386,537	-10.2%	6,779,893	-2.2%
Metals Options	1,321,955	1,075,397	22.9%	1,314,843	0.5%
TOTAL OPTIONS	7,953,557	8,461,934	-6.0%	8,094,736	-1.7%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAY 2018	Open Interest MAY 2017	% CHG	Open Interest APR 2018	% CHG
TOTAL COMBINED					
Ag Products	59	14	321.4%	59	0.0%
Energy	21,511,785	26,745,965	-19.6%	21,752,062	-1.1%
Metals	2,492,253	2,183,889	14.1%	2,486,610	0.2%
GRAND TOTAL	24,004,097	28,929,868	-17.0%	24,238,731	-1.0%