



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest AUG 2018	Open Interest AUG 2017	% CHG	Open Interest JUL 2018	% CHG	
<b>Ag Products Futures</b>						
COCOA TAS	CJ	0	0	-	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	2	2	0.0%	0	-
SUGAR 11	YO	0	2	-100.0%	0	-
<b>Energy Futures</b>						
CRUDE OIL PHY	CL	2,299,818	2,314,685	-0.6%	2,358,174	-2.5%
CRUDE OIL	WS	572	5,879	-90.3%	572	0.0%
MINY WTI CRUDE OIL	QM	3,805	8,208	-53.6%	4,690	-18.9%
BRENT OIL LAST DAY	BZ	185,571	142,194	30.5%	197,874	-6.2%
HEATING OIL PHY	HO	409,633	400,076	2.4%	395,920	3.5%
HTG OIL	BH	201	323	-37.8%	220	-8.6%
MINY HTG OIL	QH	1	1	0.0%	0	-
RBOB PHY	RB	444,730	417,265	6.6%	470,601	-5.5%
MINY RBOB GAS	QU	0	0	-	0	-
NATURAL GAS	HP	76,118	113,915	-33.2%	78,338	-2.8%
LTD NAT GAS	HH	452,786	368,830	22.8%	440,270	2.8%
MINY NATURAL GAS	QG	1,301	1,358	-4.2%	1,130	15.1%
PJM MONTHLY	JM	990	2,304	-57.0%	1,100	-10.0%
NATURAL GAS PHY	NG	1,617,963	1,298,286	24.6%	1,541,421	5.0%
RBOB GAS	RT	105	1,757	-94.0%	112	-6.2%
3.5% FUEL OIL CID MED SWA	7D	148	351	-57.8%	198	-25.3%
3.5% FUEL OIL CIF BALMO S	8D	0	5	-100.0%	0	-
AEP-DAYTON HUB DAILY	VD	82	170	-51.8%	82	0.0%
AEP-DAYTON HUB MTHLY	VM	0	350	-100.0%	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	250	-100.0%	0	-
ALGON CITY GATES NAT GAS	N7	0	736	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	B4	0	882	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-
ANR OKLAHOMA	NE	668	2,191	-69.5%	823	-18.8%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	40,046	15,567	157.2%	45,218	-11.4%
ARGUS PROPAN FAR EST INDE	7E	5,420	2,732	98.4%	5,028	7.8%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,164	1,104	96.0%	1,613	34.2%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	168	576	-70.8%	192	-12.5%
BRENT BALMO SWAP	J9	0	0	-	135	-100.0%
BRENT CALENDAR SWAP	CY	19,293	18,899	2.1%	19,100	1.0%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	4,322	6,327	-31.7%	3,466	24.7%
BRENT FINANCIAL FUTURES	MBC	127	0	-	127	0.0%
BRENT FINANCIAL FUTURES	MDB	0	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	0	0	0.0%	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	1,750	-100.0%	0	-
CANADIAN LIGHT SWEET OIL	CIL	21	1,929	-98.9%	28	-25.0%
CENTERPOINT BASIS SWAP	PW	4,689	12,552	-62.6%	5,251	-10.7%
CENTERPOINT EAST INDEX	II	0	0	-	0	-
CEU ENERGY	DEB	56	0	-	57	-1.8%
CEU ENERGY	TTF	118	0	-	133	-11.3%



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<b>Energy Futures</b>					
CEU ENERGY	157	0	-	140	12.1%
CHICAGO ETHANOL SWAP	63,663	44,868	41.9%	58,446	8.9%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	1,528	1,281	19.3%	1,456	4.9%
CHICAGO UNL GAS PL VS RBO	675	15	4,400.0%	550	22.7%
CIG BASIS	11,996	30,965	-61.3%	13,454	-10.8%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	50	120	-58.3%	60	-16.7%
CINERGY HUB PEAK MONTH	120	288	-58.3%	144	-16.7%
CIN HUB 5MW D AH O PK	41,440	294,600	-85.9%	56,000	-26.0%
CIN HUB 5MW D AH PK	5,720	12,729	-55.1%	6,443	-11.2%
CIN HUB 5MW REAL TIME O P	261,704	578,840	-54.8%	288,024	-9.1%
CIN HUB 5MW REAL TIME PK	23,988	43,551	-44.9%	25,782	-7.0%
COAL SWAP	40	65	-38.5%	35	14.3%
COAL SWAP	0	0	-	0	-
COLUMB GULF MAINLINE NG B	1,330	9,192	-85.5%	1,665	-20.1%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
COLUMBIA GULF ONSHORE	0	5,734	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	985	1,316	-25.2%	1,089	-9.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	1,694	3,877	-56.3%	1,808	-6.3%
CONWAY PROPANE 5 DECIMALS SWAP	26,527	17,250	53.8%	26,824	-1.1%
CRUDE OIL	0	0	-	0	-
CRUDE OIL	22,650	18,135	24.9%	21,450	5.6%
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	98	228	-57.0%	243	-59.7%
CRUDE OIL OUTRIGHTS	0	180	-100.0%	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	1,560	810	92.6%	0	-
CRUDE OIL OUTRIGHTS	0	325	-100.0%	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	139,854	38,875	259.8%	137,098	2.0%
CRUDE OIL OUTRIGHTS	525	720	-27.1%	700	-25.0%
CRUDE OIL OUTRIGHTS	0	165	-100.0%	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	300	-100.0%
CRUDE OIL OUTRIGHTS	480	4,170	-88.5%	640	-25.0%
CRUDE OIL OUTRIGHTS	13,821	15,090	-8.4%	17,025	-18.8%
CRUDE OIL PHY	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	1,025	0	-	1,230	-16.7%
CRUDE OIL SPRDS	167,734	33,358	402.8%	171,381	-2.1%
CRUDE OIL TRADE AT MARKER SINGAPORE	0	0	0.0%	0	0.0%
DAILY PJM	2,880	10,656	-73.0%	2,880	0.0%
DAILY PJM	16,128	17,568	-8.2%	14,848	8.6%
DAILY PJM	12,864	22,176	-42.0%	12,864	0.0%
DAILY PJM	600	1,125	-46.7%	700	-14.3%
DAILY PJM	4,032	12,200	-67.0%	3,712	8.6%
DAILY PJM	24,104	133,136	-81.9%	21,808	10.5%
DAILY PJM	1,301	5,500	-76.3%	1,540	-15.5%
DAILY PJM	23,688	85,400	-72.3%	21,808	8.6%
DAILY PJM	1,128	5,125	-78.0%	1,316	-14.3%
DAILY PJM	22,272	23,232	-4.1%	24,000	-7.2%



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DAILY PJM	ZAO	7,056	14,640	-51.8%	6,496	8.6%
DAILY PJM	ZGO	28,728	11,920	141.0%	26,448	8.6%
DAILY PJM	ZJO	12,600	4,200	200.0%	11,600	8.6%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	4,125	10,675	-61.4%	4,790	-13.9%
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	1,224	2,920	-58.1%	1,472	-16.8%
DOMINION TRANSMISSION INC	PG	17,355	43,119	-59.8%	18,719	-7.3%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	3,205	8,850	-63.8%	3,675	-12.8%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	QX	105	495	-78.8%	135	-22.2%
EAST/WEST FUEL OIL SPREAD	EW	107	466	-77.0%	107	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	1,706	3,480	-51.0%	1,858	-8.2%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	-
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	300	0	-	300	0.0%
ELEC ERCOT DLY PEAK	I7	300	0	-	300	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	-	0	-
ELEC FINSETTLED	47	1,236	2,064	-40.1%	1,278	-3.3%
ELEC FINSETTLED	49	0	0	-	0	-
ELEC MISO PEAK	4L	1,590	3,940	-59.6%	1,905	-16.5%
ELEC MISO PEAK	55	0	424	-100.0%	0	-
ELEC NYISO OFF-PEAK	4M	29,655	70,200	-57.8%	35,775	-17.1%
ELEC NYISO OFF-PEAK	58	0	7,908	-100.0%	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	22,658	37,949	-40.3%	23,474	-3.5%
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ELECTRICITY OFF PEAK	50	0	0	-	0	-
ELEC WEST POWER OFF-PEAK	MDA	0	0	-	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-
ERCOT DAILY 5MW PEAK	ERW	0	180	-100.0%	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	3,880	-100.0%	1,150	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	6,720	0	-	6,720	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	29,120	21,200	37.4%	55,440	-47.5%
ERCOT NORTH ZMCPE 5MW PEAK	I5	950	3,880	-75.5%	2,100	-54.8%
ETHANOL SWAP	MT2	110	0	-	110	0.0%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,507	5,172	-12.9%	4,859	-7.2%
EURO 1% FUEL OIL NEW BALM	KX	2	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	447	225	98.7%	678	-34.1%
EURO 3.5% FUEL OIL SPREAD	FK	190	1,169	-83.7%	189	0.5%
EURO-DENOMINATED PETRO PROD	NCP	640	24	2,566.7%	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	231	271	-14.8%	281	-17.8%
EUROPE 1% FUEL OIL NWE CA	UF	167	37	351.4%	192	-13.0%
EUROPE 1% FUEL OIL RDAM C	UH	3	13	-76.9%	3	0.0%

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<b>Energy Futures</b>					
EUROPE 3.5% FUEL OIL MED	157	374	-58.0%	238	-34.0%
EUROPE 3.5% FUEL OIL RDAM	12,101	8,567	41.3%	13,072	-7.4%
EUROPEAN GASOIL (ICE)	221	1,284	-82.8%	179	23.5%
EUROPEAN NAPHTHA BALMO	249	326	-23.6%	400	-37.8%
EUROPEAN NAPHTHA CRACK SPR	15,628	12,157	28.6%	16,025	-2.5%
EUROPE DATED BRENT SWAP	0	1,387	-100.0%	75	-100.0%
EUROPE JET KERO NWE CALSW	39	78	-50.0%	24	62.5%
EUROPE NAPHTHA CALSWAP	3,494	2,702	29.3%	3,140	11.3%
EURO PROPANE CIF ARA SWA	1,668	1,623	2.8%	1,673	-0.3%
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-
FREIGHT MARKETS	881	965	-8.7%	714	23.4%
FREIGHT MARKETS	325	0	-	315	3.2%
FREIGHT MARKETS	0	0	-	0	-
FREIGHT MARKETS	1,086	0	-	1,219	-10.9%
FREIGHT MARKETS	0	0	-	0	-
FREIGHT MARKETS	30	0	-	30	0.0%
FUEL OIL CRACK VS ICE	12,419	17,729	-30.0%	12,448	-0.2%
FUEL OIL NWE CRACK VS ICE	171	0	-	171	0.0%
FUEL OIL (PLATS) CAR CM	70	16	337.5%	84	-16.7%
FUEL OIL (PLATS) CAR CN	95	0	-	105	-9.5%
FUELOIL SWAP:CARGOES VS.B	803	1,077	-25.4%	779	3.1%
GAS EURO-BOB OXY NWE BARGES	6,663	5,227	27.5%	6,456	3.2%
GAS EURO-BOB OXY NWE BARGES CRK	32,762	28,996	13.0%	34,315	-4.5%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	0	25	-100.0%	0	-
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	85	140	-39.3%	102	-16.7%
GASOIL 0.1 ROTTERDAM BARG	120	30	300.0%	220	-45.5%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	238	796	-70.1%	285	-16.5%
GASOIL BULLET SWAP	0	30	-100.0%	0	-
GASOIL CALENDAR SWAP	22	50	-56.0%	30	-26.7%
GASOIL CRACK SPREAD CALEN	19,837	23,260	-14.7%	19,416	2.2%
GASOIL MINI CALENDAR SWAP	843	432	95.1%	744	13.3%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	124	125	-0.8%	132	-6.1%
GROUP THREE UNLEAD GAS (P	325	0	-	375	-13.3%
GRP THREE ULSD(PLT)VS HEA	8,796	12,649	-30.5%	9,176	-4.1%
GRP THREE UNL GS (PLT) VS	4,337	2,585	67.8%	3,918	10.7%
GULF COAST 3% FUEL OIL BA	1,271	286	344.4%	1,671	-23.9%
GULF COAST GASOLINE CLNDR	0	0	-	0	-
GULF COAST JET FUEL CLNDR	1,006	928	8.4%	864	16.4%
GULF COAST JET VS NYM 2 H	33,113	37,683	-12.1%	28,821	14.9%
GULF COAST NO.6 FUEL OIL	44,145	42,158	4.7%	50,165	-12.0%
GULF COAST NO.6 FUEL OIL	7,641	3,000	154.7%	9,272	-17.6%
GULF COAST ULSD CALENDAR	1,475	2,433	-39.4%	1,546	-4.6%
GULF COAST ULSD CRACK SPR	795	2,530	-68.6%	895	-11.2%
HEATING OIL BALMO CLNDR S	0	0	-	0	-

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<b>Energy Futures</b>						
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HENRY HUB BASIS SWAP	HB	1,038	14,514	-92.8%	1,348	-23.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	0.0%
HENRY HUB FINANCIAL LAST	TTE	9	0	-	21	-57.1%
HENRY HUB INDEX SWAP FUTU	IN	798	8,147	-90.2%	2,224	-64.1%
HENRY HUB SWAP	NN	1,108,063	1,216,460	-8.9%	1,106,868	0.1%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	13,337	21,336	-37.5%	13,895	-4.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	0	357	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	44,188	44,761	-1.3%	49,382	-10.5%
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	17,920	33,280	-46.2%	16,520	8.5%
INDIANA MISO	FTD	6,720	4,704	42.9%	6,720	0.0%
INDIANA MISO	FTM	0	0	-	0	-
INDIANA MISO	PDD	1,612	2,018	-20.1%	1,393	15.7%
INDIANA MISO	PDM	0	0	-	0	-
INDIANA MISO	PTD	546	588	-7.1%	581	-6.0%
INDIANA MISO	PTM	0	0	-	0	-
INDONESIAN COAL	MCC	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	220	0	-	215	2.3%
ISO NEW ENGLAND OFF-PEAK	KI	0	70	-100.0%	0	-
ISO NEW ENGLAND PK LMP	NI	0	85	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	JB	229	2,020	-88.7%	256	-10.5%
JAPAN C&F NAPHTHA SWAP	JA	2,570	1,507	70.5%	2,662	-3.5%
JAPAN NAPHTHA BALMO SWAP	E6	97	0	-	185	-47.6%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	10	25	-60.0%	12	-16.7%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-
JET CIF NWE VS ICE	JC	494	475	4.0%	552	-10.5%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	4,625	5,560	-16.8%	2,915	58.7%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-
LA CARB DIESEL (OPIS) SWA	KL	930	375	148.0%	900	3.3%
LA CARBOB GASOLINE(OPIS)S	JL	225	200	12.5%	150	50.0%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	-	0	-
LA JET (OPIS) SWAP	JS	2,133	3,205	-33.4%	2,085	2.3%
LLS (ARGUS) CALENDAR SWAP	XA	607	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	33,396	19,025	75.5%	35,012	-4.6%
MARS (ARGUS) VS WTI SWAP	YX	7,265	11,608	-37.4%	8,715	-16.6%
MARS (ARGUS) VS WTI TRD M	YV	15,353	14,224	7.9%	17,981	-14.6%
MARS BLEND CRUDE OIL	MB	0	1,720	-100.0%	0	-
MCCLOSKEY ARA ARGS COAL	MTF	36,588	57,586	-36.5%	37,668	-2.9%
MCCLOSKEY RCH BAY COAL	MFF	4,951	8,216	-39.7%	5,316	-6.9%
MGF FUT	MGF	40	85	-52.9%	10	300.0%
MGN1 SWAP FUT	MGN	385	524	-26.5%	447	-13.9%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-
MICHIGAN BASIS	NF	3,136	7,553	-58.5%	3,359	-6.6%
MICHIGAN MISO	HMO	13,832	98,280	-85.9%	16,688	-17.1%
MICHIGAN MISO	HMW	742	6,340	-88.3%	889	-16.5%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	265	250	6.0%	552	-52.0%

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<b>Energy Futures</b>						
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	375	1,085	-65.4%	815	-54.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	3,498	4,184	-16.4%	3,215	8.8%
MJC FUT	MJC	325	455	-28.6%	330	-1.5%
MNC FUT	MNC	5,892	4,544	29.7%	4,963	18.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	45,025	75,586	-40.4%	44,621	0.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	130	175	-25.7%	300	-56.7%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	124,077	113,090	9.7%	124,863	-0.6%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	987	1,643	-39.9%	2,422	-59.2%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	18,538	9,552	94.1%	19,064	-2.8%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	372	117	217.9%	215	73.0%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	51,434	41,812	23.0%	47,792	7.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	940	795	18.2%	2,259	-58.4%
NAT GAS BASIS SWAP	TZ6	3,531	7,877	-55.2%	3,779	-6.6%
NATURAL GAS	HBI	0	0	-	0	-
NATURAL GAS	XIC	0	28	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	180	-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	368	-100.0%	0	-
NATURAL GAS PEN SWP	NP	163,685	222,757	-26.5%	161,440	1.4%
NEPOOL CNCTCT 5MW D AH O	P3	0	1,977	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	106	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	H2	446,597	573,577	-22.1%	459,909	-2.9%
NEPOOL INTR HUB 5MW D AH	U6	27,748	39,919	-30.5%	28,869	-3.9%
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	530	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	9,885	-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	3,954	-100.0%	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	212	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	CE	1,770	2,679	-33.9%	2,006	-11.8%
NEW YORK ETHANOL SWAP	EZ	1,835	1,750	4.9%	1,855	-1.1%
NEW YORK HUB ZONE G PEAK	GN	2,325	1,907	21.9%	2,958	-21.4%
NEW YORK HUB ZONE J PEAK	JN	1,010	1,535	-34.2%	1,360	-25.7%
NGPL MID-CONTINENT	NL	16,000	27,184	-41.1%	16,961	-5.7%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-
NGPL TEX/OK	PD	17,967	28,495	-36.9%	20,888	-14.0%
NGPL TEXOK INDEX	OI	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	178	314	-43.3%	178	0.0%
N ILLINOIS HUB MTHLY	UM	0	100	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	450	1,319	-65.9%	195	130.8%
NORTHEN NATURAL GAS DEMAR	PE	704	2,400	-70.7%	836	-15.8%
NORTHEN NATURAL GAS VENTU	PF	1,408	2,612	-46.1%	1,420	-0.8%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	23,833	50,133	-52.5%	25,910	-8.0%

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<b>Energy Futures</b>						
N ROCKIES PIPE SWAP	XR	59	303	-80.5%	0	-
NY1% VS GC SPREAD SWAP	VR	3,636	4,332	-16.1%	5,113	-28.9%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-
NY 3.0% FUEL OIL (PLATTS	H1	600	100	500.0%	300	100.0%
NY HARBOR 1% FUEL OIL BAL	VK	50	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	11,380	11,026	3.2%	8,256	37.8%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	410	1,060	-61.3%	300	36.7%
NY HARBOR RESIDUAL FUEL 1	MM	2,107	3,650	-42.3%	2,212	-4.7%
NYH NO 2 CRACK SPREAD CAL	HK	4,431	6,941	-36.2%	4,788	-7.5%
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	302	324	-6.8%	327	-7.6%
NYISO CAPACITY	NNC	644	1,126	-42.8%	630	2.2%
NYISO CAPACITY	NRS	884	1,526	-42.1%	1,045	-15.4%
NYISO G	KG	0	0	-	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-
NYISO J	KJ	0	691	-100.0%	0	-
NYISO J OFF-PEAK	KK	0	150	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	K4	25,950	110,910	-76.6%	31,774	-18.3%
NYISO ZONE A 5MW D AH PK	K3	4,212	9,130	-53.9%	4,554	-7.5%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	630,430	554,901	13.6%	639,262	-1.4%
NYISO ZONE G 5MW D AH PK	T3	26,892	24,812	8.4%	28,260	-4.8%
NYISO ZONE J 5MW D AH O P	D4	184,041	277,421	-33.7%	194,441	-5.3%
NYISO ZONE J 5MW D AH PK	D3	13,331	15,304	-12.9%	13,901	-4.1%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	-	0	-
NYMEX ALUMINUM FUTURES	AN	540	620	-12.9%	612	-11.8%
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	279	1,451	-80.8%	316	-11.7%
ONEOK OKLAHOMA NG BASIS	8X	1,708	1,112	53.6%	306	458.2%
ONTARIO POWER SWAPS	OFD	0	960	-100.0%	0	-
ONTARIO POWER SWAPS	OFM	0	16,010	-100.0%	0	-
ONTARIO POWER SWAPS	OPD	0	30	-100.0%	0	-
ONTARIO POWER SWAPS	OPM	0	415	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	PH	7,665	22,761	-66.3%	8,418	-8.9%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-
PANHANDLE PIPE SWAP	XH	788	720	9.4%	985	-20.0%
PERMIAN BASIS SWAP	PM	6,154	12,905	-52.3%	6,588	-6.6%
PETROCHEMICALS	22	173	106	63.2%	138	25.4%
PETROCHEMICALS	32	165	72	129.2%	61	170.5%
PETROCHEMICALS	51	3	0	-	3	0.0%
PETROCHEMICALS	8I	5,626	4,134	36.1%	6,040	-6.9%
PETROCHEMICALS	91	707	517	36.8%	649	8.9%
PETROCHEMICALS	HPE	0	0	-	0	-
PETROCHEMICALS	JKM	3,208	310	934.8%	2,660	20.6%
PETROCHEMICALS	LPE	0	0	-	0	-
PETROCHEMICALS	MAA	0	0	-	0	-
PETROCHEMICALS	MAC	0	0	-	0	-
PETROCHEMICALS	MAE	348	90	286.7%	368	-5.4%
PETROCHEMICALS	MAS	429	30	1,330.0%	176	143.8%
PETROCHEMICALS	MBE	685	1,260	-45.6%	795	-13.8%



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<b>Energy Futures</b>						
PETROCHEMICALS	MNB	4,377	3,627	20.7%	4,310	1.6%
PETROCHEMICALS	MPS	330	10	3,200.0%	320	3.1%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STS	761	685	11.1%	886	-14.1%
PETRO CRCKS & SPRDS NA	CRB	4,360	1,127	286.9%	5,380	-19.0%
PETRO CRCKS & SPRDS NA	EXR	3,429	2,551	34.4%	3,706	-7.5%
PETRO CRCKS & SPRDS NA	FOC	500	925	-45.9%	550	-9.1%
PETRO CRCKS & SPRDS NA	GBB	1,500	1,313	14.2%	1,520	-1.3%
PETRO CRCKS & SPRDS NA	GCC	365	285	28.1%	390	-6.4%
PETRO CRCKS & SPRDS NA	GCI	3,762	2,821	33.4%	3,233	16.4%
PETRO CRCKS & SPRDS NA	GCM	21	59	-64.4%	21	0.0%
PETRO CRCKS & SPRDS NA	GCU	28,483	16,423	73.4%	31,705	-10.2%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	15	-100.0%
PETRO CRCKS & SPRDS NA	HOB	5,532	16,955	-67.4%	5,570	-0.7%
PETRO CRCKS & SPRDS NA	KSD	0	50	-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	475	-100.0%	0	-
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	12,837	15,109	-15.0%	14,503	-11.5%
PETRO CRCKS & SPRDS NA	RVG	18,598	20,520	-9.4%	22,099	-15.8%
PETRO CRCKS & SPRDS NA	SF3	45	9	400.0%	45	0.0%
PETRO CRK&SPRD EURO	1NB	4,353	3,099	40.5%	3,804	14.4%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	211	273	-22.7%	410	-48.5%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	4,548	4,694	-3.1%	4,603	-1.2%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-
PETRO CRK&SPRD EURO	EGN	0	18	-100.0%	0	-
PETRO CRK&SPRD EURO	EOB	54	54	0.0%	70	-22.9%
PETRO CRK&SPRD EURO	EPN	1,492	770	93.8%	1,449	3.0%
PETRO CRK&SPRD EURO	EVC	5,577	5,800	-3.8%	6,280	-11.2%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-
PETRO CRK&SPRD EURO	FVB	30	0	-	30	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-
PETRO CRK&SPRD EURO	GOC	24	65	-63.1%	24	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-
PETRO CRK&SPRD EURO	MUD	139	374	-62.8%	154	-9.7%
PETRO CRK&SPRD EURO	NBB	20	10	100.0%	10	100.0%
PETRO CRK&SPRD EURO	NOB	2,265	1,844	22.8%	2,195	3.2%
PETRO CRK&SPRD EURO	SFB	0	23	-100.0%	15	-100.0%
PETROLEUM PRODUCTS	D46	0	0	-	0	-
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	5,573	3,804	46.5%	4,794	16.2%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-
PETROLEUM PRODUCTS	MGS	0	0	-	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-
PETROLEUM PRODUCTS	MME	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	VU	0	530	-100.0%	66	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	70	40	75.0%	130	-46.2%

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<b>Energy Futures</b>						
PETROLEUM PRODUCTS ASIA	MJN	1,975	2,135	-7.5%	2,336	-15.5%
PETROLEUM PRODUCTS ASIA	MSB	0	20	-100.0%	0	-
PETRO OUTFRIGHT EURO	0B	20	20	0.0%	34	-41.2%
PETRO OUTFRIGHT EURO	0C	3	0	-	0	-
PETRO OUTFRIGHT EURO	0D	4,239	6,870	-38.3%	5,059	-16.2%
PETRO OUTFRIGHT EURO	0E	3	125	-97.6%	25	-88.0%
PETRO OUTFRIGHT EURO	0F	779	1,792	-56.5%	936	-16.8%
PETRO OUTFRIGHT EURO	1T	39	78	-50.0%	24	62.5%
PETRO OUTFRIGHT EURO	33	0	60	-100.0%	0	-
PETRO OUTFRIGHT EURO	5L	10	0	-	10	0.0%
PETRO OUTFRIGHT EURO	63	5	240	-97.9%	25	-80.0%
PETRO OUTFRIGHT EURO	6L	0	5	-100.0%	0	-
PETRO OUTFRIGHT EURO	7I	0	0	-	120	-100.0%
PETRO OUTFRIGHT EURO	7R	383	209	83.3%	230	66.5%
PETRO OUTFRIGHT EURO	88	0	30	-100.0%	0	-
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CPB	0	109	-100.0%	10	-100.0%
PETRO OUTFRIGHT EURO	EFF	15	10	50.0%	0	-
PETRO OUTFRIGHT EURO	EFM	0	68	-100.0%	0	-
PETRO OUTFRIGHT EURO	ENS	100	80	25.0%	120	-16.7%
PETRO OUTFRIGHT EURO	ESB	0	0	-	0	-
PETRO OUTFRIGHT EURO	EWN	1,206	949	27.1%	1,292	-6.7%
PETRO OUTFRIGHT EURO	FBD	0	0	-	0	-
PETRO OUTFRIGHT EURO	GES	5	0	-	0	-
PETRO OUTFRIGHT EURO	MBB	0	0	-	10	-100.0%
PETRO OUTFRIGHT EURO	MBN	4,078	3,383	20.5%	4,307	-5.3%
PETRO OUTFRIGHT EURO	MEF	15	0	-	0	-
PETRO OUTFRIGHT EURO	SMU	215	0	-	78	175.6%
PETRO OUTFRIGHT EURO	T0	63	410	-84.6%	63	0.0%
PETRO OUTFRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTFRIGHT EURO	V0	400	125	220.0%	480	-16.7%
PETRO OUTFRIGHT EURO	W0	0	0	-	0	-
PETRO OUTFRIGHT EURO	X0	0	0	-	0	-
PETRO OUTFRIGHT NA	FCB	32	224	-85.7%	38	-15.8%
PETRO OUTFRIGHT NA	FOM	0	0	-	0	-
PETRO OUTFRIGHT NA	GBA	0	0	-	0	-
PETRO OUTFRIGHT NA	GUD	0	0	-	0	-
PETRO OUTFRIGHT NA	JE	153	410	-62.7%	180	-15.0%
PETRO OUTFRIGHT NA	JET	3,725	3,701	0.6%	2,450	52.0%
PETRO OUTFRIGHT NA	JTB	150	175	-14.3%	625	-76.0%
PETRO OUTFRIGHT NA	MBL	32	190	-83.2%	34	-5.9%
PETRO OUTFRIGHT NA	MEN	625	613	2.0%	444	40.8%
PETRO OUTFRIGHT NA	MEO	3,574	6,181	-42.2%	4,913	-27.3%
PETRO OUTFRIGHT NA	MFD	0	38	-100.0%	35	-100.0%
PETRO OUTFRIGHT NA	MMF	57	95	-40.0%	64	-10.9%
PETRO OUTFRIGHT NA	NYT	0	0	-	0	-
PETRO OUTFRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	247,882	496,082	-50.0%	259,162	-4.4%
PJM AD HUB 5MW REAL TIME	Z9	20,901	28,091	-25.6%	21,844	-4.3%
PJM AECO DA OFF-PEAK	X1	0	0	-	0	-
PJM AECO DA PEAK	Y1	0	0	-	0	-
PJM APS ZONE DA OFF-PEAK	W4	0	0	-	0	-

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PJM APS ZONE DA PEAK	S4	0	0	-	0	-
PJM ATSI ELEC	MOD	0	58,650	-100.0%	0	-
PJM ATSI ELEC	MPD	0	3,190	-100.0%	0	-
PJM BGE DA OFF-PEAK	R3	3,954	28,800	-86.3%	4,770	-17.1%
PJM BGE DA PEAK	E3	212	1,575	-86.5%	254	-16.5%
PJM COMED 5MW D AH O PK	D9	9,885	33,285	-70.3%	11,925	-17.1%
PJM COMED 5MW D AH PK	D8	530	1,805	-70.6%	635	-16.5%
PJM DAILY	JD	710	916	-22.5%	990	-28.3%
PJM DAYTON DA OFF-PEAK	R7	79,600	162,428	-51.0%	82,928	-4.0%
PJM DAYTON DA PEAK	D7	6,720	12,843	-47.7%	7,195	-6.6%
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-
PJM JCPL DA PEAK	J2	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	B3	17,317	41,255	-58.0%	19,364	-10.6%
PJM NI HUB 5MW REAL TIME	B6	303,454	1,048,982	-71.1%	353,838	-14.2%
PJM NILL DA OFF-PEAK	L3	214,006	903,149	-76.3%	233,974	-8.5%
PJM NILL DA PEAK	N3	13,465	43,612	-69.1%	14,491	-7.1%
PJM OFF-PEAK LMP SWAP FUT	JP	202	706	-71.4%	244	-17.2%
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	42,840	101,160	-57.7%	21,480	99.4%
PJM PSEG DA PEAK	L6	1,275	4,260	-70.1%	0	-
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	253,819	606,302	-58.1%	273,371	-7.2%
PJM WESTHDA PEAK	J4	13,802	34,078	-59.5%	14,695	-6.1%
PJM WESTH RT OFF-PEAK	N9	1,257,998	2,464,142	-48.9%	1,345,230	-6.5%
PJM WESTH RT PEAK	L1	79,268	139,649	-43.2%	87,111	-9.0%
PLASTICS	PGP	814	1,449	-43.8%	715	13.8%
PREMIUM UNLD 10P FOB MED	3G	422	127	232.3%	426	-0.9%
PREMIUM UNLEAD 10PPM FOB	8G	31	32	-3.1%	31	0.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	128	0	-	30	326.7%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	707	357	98.0%	473	49.5%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	55,322	21,835	153.4%	52,624	5.1%
RBOB CALENDAR SWAP	RL	17,158	17,416	-1.5%	18,636	-7.9%
RBOB CRACK SPREAD	RM	5,806	3,005	93.2%	6,399	-9.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	833	618	34.8%	374	122.7%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	13	-100.0%	0	-
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	675	3,580	-81.1%	930	-27.4%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-
SAN JUAN BASIS SWAP	NJ	11,882	24,790	-52.1%	12,945	-8.2%
SAN JUAN PIPE SWAP	XX	360	0	-	360	0.0%
SINGAPORE 180CST BALMO	BS	48	102	-52.9%	45	6.7%
SINGAPORE 380CST BALMO	BT	277	292	-5.1%	323	-14.2%
SINGAPORE 380CST FUEL OIL	SE	12,267	10,766	13.9%	12,908	-5.0%
SINGAPORE FUEL 180CST CAL	UA	1,046	1,911	-45.3%	1,213	-13.8%
SINGAPORE FUEL OIL SPREAD	SD	1,017	1,467	-30.7%	1,229	-17.2%
SINGAPORE GASOIL	MAF	8	0	-	0	-
SINGAPORE GASOIL	MTB	51	230	-77.8%	46	10.9%



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Commodity		Open Interest AUG 2018	Open Interest AUG 2017	% CHG	Open Interest JUL 2018	% CHG
<b>Energy Futures</b>						
SINGAPORE GASOIL	MTS	6,759	10,040	-32.7%	7,418	-8.9%
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	1,850	450	311.1%	2,550	-27.5%
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	50	203	-75.4%	30	66.7%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-
SINGAPORE GASOIL SWAP	SG	9,985	17,269	-42.2%	7,910	26.2%
SINGAPORE GASOIL VS ICE	GA	43,416	14,452	200.4%	45,861	-5.3%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	11,460	5,400	112.2%	11,710	-2.1%
SINGAPORE JET KEROSENE SW	KS	3,350	3,973	-15.7%	2,520	32.9%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	375	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	1,793	25	7,072.0%	570	214.6%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	13,903	11,223	23.9%	15,107	-8.0%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-
SING FUEL	MSD	0	0	-	15	-100.0%
SOCAL PIPE SWAP	XN	0	0	-	0	-
SONAT BASIS SWAP FUTURE	SZ	0	244	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	40	184	-78.3%	50	-20.0%
Sumas Basis Swap	NK	3,581	7,679	-53.4%	3,860	-7.2%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	244	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	160	0	-	180	-11.1%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-
TCO BASIS SWAP	TC	5,723	18,182	-68.5%	6,157	-7.0%
TCO NG INDEX SWAP	Q1	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	4,700	0	-	3,250	44.6%
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	NM	0	122	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	6Z	0	122	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	NQ	0	726	-100.0%	0	-
TETCO M-3 INDEX	IX	0	2,576	-100.0%	0	-
Tetco STX Basis	TX	244	1,096	-77.7%	306	-20.3%
TEXAS EASTERN ZONE M-3 BA	NX	3,523	11,465	-69.3%	3,833	-8.1%
TEXAS GAS ZONE1 NG BASIS	9F	1,920	8,488	-77.4%	2,404	-20.1%
Transco Zone 3 Basis	CZ	1,098	4,929	-77.7%	1,377	-20.3%
TRANSCO ZONE 3 NG INDEX S	Y6	0	3,128	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	TR	4,636	14,047	-67.0%	5,039	-8.0%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	851	4,267	-80.1%	1,130	-24.7%
TRANSCO ZONE 6 INDEX	IT	0	736	-100.0%	0	-
UCM FUT	UCM	10	156	-93.6%	10	0.0%
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	0	57	-100.0%	0	-
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	4,762	3,950	20.6%	3,980	19.6%
UP DOWN GC ULSD VS NMX HO	LT	39,391	52,610	-25.1%	38,816	1.5%



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Commodity		Open Interest AUG 2018	Open Interest AUG 2017	% CHG	Open Interest JUL 2018	% CHG
<b>Energy Futures</b>						
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-
WAHA BASIS	NW	3,629	9,238	-60.7%	3,950	-8.1%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	QP	60	405	-85.2%	175	-65.7%
WTI-BRENT BULLET SWAP	BY	6,704	904	641.6%	6,704	0.0%
WTI-BRENT CALENDAR SWAP	BK	120,942	49,307	145.3%	122,393	-1.2%
WTI CALENDAR	CS	174,289	125,578	38.8%	177,213	-1.6%
WTS (ARGUS) VS WTI SWAP	FF	62,768	47,105	33.3%	59,822	4.9%
WTS (ARGUS) VS WTI TRD MT	FH	5,883	3,319	77.3%	4,608	27.7%
<b>Energy Options</b>						
12 MO GASOIL CAL SWAP SPR	GXZ	0	230	-100.0%	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	7,070	9,087	-22.2%	6,460	9.4%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	9C	88,504	0	-	118,556	-25.3%
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-
BRENT OIL LAST DAY	BE	103,059	14,269	622.3%	107,197	-3.9%
BRENT OIL LAST DAY	BZO	202,657	76,147	166.1%	169,772	19.4%
BRENT OIL LAST DAY	OS	1,222	21,824	-94.4%	1,122	8.9%
COAL API2 INDEX	CLA	3,315	5,543	-40.2%	3,215	3.1%
COAL API2 INDEX	CQA	900	20	4,400.0%	1,660	-45.8%
COAL API2 INDEX	MTC	0	0	-	0	-
COAL API4 INDEX	RLA	25	0	-	25	0.0%
COAL API4 INDEX	RQA	0	0	-	0	-
COAL SWAP	CPF	10	40	-75.0%	10	0.0%
COAL SWAP	RPF	125	695	-82.0%	125	0.0%
CRUDE OIL 1MO	WA	363,780	675,616	-46.2%	442,700	-17.8%
CRUDE OIL APO	AO	398,287	316,080	26.0%	416,857	-4.5%
CRUDE OIL CALNDR STRIP	6F	170	0	-	170	0.0%
CRUDE OIL OUTRIGHTS	AH	0	150	-100.0%	0	-
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	2,010	5,880	-65.8%	2,680	-25.0%
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	36,214	55,784	-35.1%	40,457	-10.5%
CRUDE OIL PHY	LO	2,837,613	2,924,160	-3.0%	2,979,076	-4.7%
CRUDE OIL PHY	LO1	2,475	9,749	-74.6%	4,989	-50.4%
CRUDE OIL PHY	LO2	194	2,238	-91.3%	826	-76.5%
CRUDE OIL PHY	LO3	287	0	-	1,133	-74.7%
CRUDE OIL PHY	LO4	0	952	-100.0%	0	-
CRUDE OIL PHY	LO5	0	74	-100.0%	0	-
ELEC FINSETTLED	PML	0	0	-	0	-
ELEC MISO PEAK	9T	0	0	-	0	-
ETHANOL	CE1	0	0	-	0	-
ETHANOL	CE3	0	0	0.0%	150	-100.0%
ETHANOL SWAP	CVR	9,208	10,859	-15.2%	11,133	-17.3%
ETHANOL SWAP	GVR	2,660	2,325	14.4%	2,496	6.6%
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC	30	0	0	-	0	-
GASOLINE	GCE	0	0	-	0	-
HEATING OIL CRACK OPTIONS	CH	0	100	-100.0%	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	-

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Commodity		Open Interest AUG 2018	Open Interest AUG 2017	% CHG	Open Interest JUL 2018	% CHG
<b>Energy Options</b>						
HEATING OIL PHY	LB	350	918	-61.9%	400	-12.5%
HEATING OIL PHY	OH	30,662	54,997	-44.2%	42,576	-28.0%
HENRY HUB FINANCIAL LAST	E7	5,311	8,214	-35.3%	5,578	-4.8%
HO 1 MONTH CLNDR OPTIONS	FA	0	300	-100.0%	0	-
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-
LLS CRUDE OIL	WJO	1,200	5,900	-79.7%	1,500	-20.0%
LLS CRUDE OIL	YVO	0	750	-100.0%	0	-
MCCLOSKEY ARA ARGS COAL	MTO	225	1,055	-78.7%	225	0.0%
MCCLOSKEY RCH BAY COAL	MFO	430	0	-	430	0.0%
NATURAL GAS	G10	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	36,966	127,010	-70.9%	22,570	63.8%
NATURAL GAS 2 M CSO FIN	G2	0	2,150	-100.0%	0	-
NATURAL GAS 3 M CSO FIN	G3	43,220	42,000	2.9%	40,720	6.1%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	G6	6,700	3,700	81.1%	5,550	20.7%
NATURAL GAS OPTION ON CALENDAR STRP	6J	13,086	8,838	48.1%	12,686	3.2%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	1,781,316	2,118,582	-15.9%	1,678,716	6.1%
NATURAL GAS PHY	ON	126,953	97,594	30.1%	97,746	29.9%
NATURAL GAS PHY	ON1	0	0	-	0	-
NATURAL GAS WINTER STRIP	6I	1,200	0	-	0	-
NG HH 3 MONTH CAL	IC	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	2,750	6,754	-59.3%	2,278	20.7%
NY HARBOR HEAT OIL SWP	AT	14,930	22,162	-32.6%	15,711	-5.0%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	5,880	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	1,920	2,400	-20.0%	2,400	-20.0%
PETROCHEMICALS	4H	3,911	3,907	0.1%	2,788	40.3%
PETROCHEMICALS	4J	1,325	2,875	-53.9%	1,410	-6.0%
PETROCHEMICALS	4K	1,650	300	450.0%	1,050	57.1%
PETROCHEMICALS	CPR	0	18	-100.0%	0	-
PETRO OUTRIGHT EURO	8H	0	250	-100.0%	0	-
PETRO OUTRIGHT NA	DAP	30	0	-	36	-16.7%
PJM MONTHLY	JO	0	0	-	0	-
PJM WES HUB PEAK CAL MTH	6OA	1,790	3,340	-46.4%	1,780	0.6%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	6,512	16,218	-59.8%	6,803	-4.3%
RBOB 1MO CAL SPD OPTIONS	ZA	0	1,600	-100.0%	0	-
RBOB CALENDAR SWAP	RA	525	1,628	-67.8%	525	0.0%
RBOB PHY	OB	8,900	29,899	-70.2%	10,790	-17.5%
RBOB PHY	RF	125	0	-	125	0.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	200	-100.0%	0	-
SAN JUAN PIPE SWAP	PJ	2,260	4,552	-50.4%	2,198	2.8%
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	-



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Commodity	Open Interest AUG 2018	Open Interest AUG 2017	% CHG	Open Interest JUL 2018	% CHG	
<b>Energy Options</b>						
SHORT TERM	U26	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	0	1,025	-100.0%	0	-
SHORT TERM NATURAL GAS	U02	0	0	-	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	0	-
SHORT TERM NATURAL GAS	U04	650	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	-
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 GASOIL CALENDAR	M2	0	125	-100.0%	0	-
SINGAPORE JET FUEL CALEND	N2	0	200	-100.0%	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	194,906	158,814	22.7%	198,561	-1.8%
WTI CRUDE OIL 1 M CSO FI	7A	127,275	293,048	-56.6%	136,550	-6.8%
<b>Metals Futures</b>						
COMEX GOLD	GC	469,839	551,698	-14.8%	454,891	3.3%
NYMEX HOT ROLLED STEEL	HR	15,268	15,895	-3.9%	14,521	5.1%
NYMEX PLATINUM	PL	87,077	75,538	15.3%	82,168	6.0%
PALLADIUM	PA	18,563	34,697	-46.5%	22,231	-16.5%
URANIUM	UX	3,090	4,244	-27.2%	2,965	4.2%
COMEX SILVER	SI	212,641	179,356	18.6%	227,415	-6.5%
COMEX E-Mini GOLD	QO	3,102	821	277.8%	2,676	15.9%
COMEX E-Mini SILVER	QI	206	83	148.2%	464	-55.6%
COMEX COPPER	HG	233,727	328,909	-28.9%	301,147	-22.4%
COMEX MINY COPPER	QC	30	258	-88.4%	63	-52.4%
ALUMINUM	A38	0	0	-	0	-
ALUMINUM	AEP	11,530	15,539	-25.8%	12,564	-8.2%
ALUMINUM	ALA	2,865	1,900	50.8%	3,030	-5.4%
ALUMINUM	ALI	0	217	-100.0%	0	-
ALUMINUM	AUP	29,562	28,141	5.0%	31,936	-7.4%
ALUMINUM	CUP	40	0	-	60	-33.3%
ALUMINUM	EDP	9,558	11,225	-14.9%	10,528	-9.2%
ALUMINUM	MJP	8,485	7,246	17.1%	8,556	-0.8%
COPPER	HGS	11,585	983	1,078.5%	12,244	-5.4%
E-MICRO GOLD	MGC	14,131	7,478	89.0%	9,074	55.7%
FERROUS PRODUCTS	BUS	2,731	360	658.6%	2,606	4.8%
GOLD	GPS	0	0	-	0	-
Gold Kilo	GCK	0	38	-100.0%	0	-

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<b>Metals Futures</b>					
IRON ORE 62 CHINA PLATTS FUTURES	400	5,178	-92.3%	480	-16.7%
IRON ORE 62 CHINA TSI FUTURES	10,118	16,231	-37.7%	10,187	-0.7%
LNDN ZINC	13	0	0.0%	32	-59.4%
METALS	0	0	-	0	-
SILVER	1,478	1,234	19.8%	1,560	-5.3%
<b>Metals Options</b>					
COMEX COPPER	16,891	6,319	167.3%	23,551	-28.3%
COMEX GOLD	1,287,185	1,051,675	22.4%	1,204,727	6.8%
COMEX SILVER	221,366	113,211	95.5%	202,544	9.3%
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
GOLD	2,935	3,473	-15.5%	5,777	-49.2%
GOLD	546	3,698	-85.2%	1,379	-60.4%
GOLD	157	540	-70.9%	757	-79.3%
GOLD	0	3	-100.0%	21	-100.0%
GOLD	0	0	-	0	-
HOT ROLLED COIL STEEL CALL OPTION	400	0	-	500	-20.0%
IRON ORE 62 CHINA TSI CALL OPTION	1,204	11,206	-89.3%	1,412	-14.7%
IRON ORE 62 CHINA TSI PUT OPTION	350	8,830	-96.0%	580	-39.7%
NIKKEI 225 (YEN) STOCK	0	0	-	6	-100.0%
NYMEX PLATINUM	8,968	3,533	153.8%	8,238	8.9%
PALLADIUM	2,379	7,528	-68.4%	2,886	-17.6%
SILVER	274	19	1,342.1%	750	-63.5%
SILVER	214	0	-	68	214.7%
SILVER	20	0	-	123	-83.7%
SILVER	0	0	-	0	-
SILVER	0	0	-	0	-
<b>TOTAL FUTURES GROUP</b>					
Ag Products Futures	2	4	-50.0%	0	-
Energy Futures	13,442,351	17,872,544	-24.8%	13,779,594	-2.4%
Metals Futures	1,146,039	1,287,269	-11.0%	1,211,398	-5.4%
<b>TOTAL FUTURES</b>	<b>14,588,392</b>	<b>19,159,817</b>	<b>-23.9%</b>	<b>14,990,992</b>	<b>-2.7%</b>



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Commodity	Open Interest AUG 2018	Open Interest AUG 2017	% CHG	Open Interest JUL 2018	% CHG
<b>TOTAL OPTIONS GROUP</b>					
Energy Options	6,476,863	7,159,025	-9.5%	6,602,511	-1.9%
Metals Options	1,542,889	1,210,035	27.5%	1,453,319	6.2%
<b>TOTAL OPTIONS</b>	<b>8,019,752</b>	<b>8,369,060</b>	<b>-4.2%</b>	<b>8,055,830</b>	<b>-0.4%</b>
<b>TOTAL COMBINED</b>					
Ag Products	2	4	-50.0%	0	-
Energy	19,919,214	25,031,569	-20.4%	20,382,105	-2.3%
Metals	2,688,928	2,497,304	7.7%	2,664,717	0.9%
<b>GRAND TOTAL</b>	<b>22,608,144</b>	<b>27,528,877</b>	<b>-17.9%</b>	<b>23,046,822</b>	<b>-1.9%</b>