



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Commodities and Alternative Investments Futures</b>									
COCOA TAS	CJ	2	516	-99.6%	0	0.0%	83	2,550	-96.7%
COFFEE	KT	0	22	-100.0%	0	0.0%	40	165	-75.8%
COTTON	TT	1	19	-94.7%	0	0.0%	16	566	-97.2%
SUGAR 11	YO	2	12	-83.3%	3	-33.3%	42	413	-89.8%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	27,570,812	24,332,279	13.3%	34,725,473	-20.6%	237,181,674	202,393,449	17.2%
CRUDE OIL	WS	7,750	4,290	80.7%	5,704	35.9%	52,437	82,965	-36.8%
MINY WTI CRUDE OIL	QM	245,647	306,798	-19.9%	304,306	-19.3%	2,365,139	2,621,006	-9.8%
BRENT OIL LAST DAY	BZ	1,615,368	1,572,702	2.7%	2,139,027	-24.5%	17,533,933	17,532,500	0.0%
HEATING OIL PHY	HO	3,577,892	3,288,425	8.8%	4,759,873	-24.8%	32,692,901	29,369,845	11.3%
HTG OIL	BH	50	0	0.0%	50	0.0%	268	5,402	-95.0%
MINY HTG OIL	QH	4	5	-20.0%	3	33.3%	25	88	-71.6%
RBOB PHY	RB	4,139,108	4,677,239	-11.5%	5,803,692	-28.7%	39,090,547	34,949,357	11.8%
MINY RBOB GAS	QU	4	8	-50.0%	4	0.0%	39	42	-7.1%
NATURAL GAS	HP	111,648	133,465	-16.3%	95,960	16.3%	1,277,493	1,140,989	12.0%
LTD NAT GAS	HH	292,863	232,741	25.8%	277,723	5.5%	2,644,482	2,072,652	27.6%
MINY NATURAL GAS	QG	17,406	21,907	-20.5%	16,749	3.9%	218,745	220,488	-0.8%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	120	2,898	-95.9%
NATURAL GAS PHY	NG	8,498,792	7,646,666	11.1%	8,159,356	4.2%	77,301,418	68,364,327	13.1%
RBOB GAS	RT	3,341	1,354	146.8%	3,211	4.0%	22,504	11,787	90.9%
3.5% FUEL OIL CID MED SWA	7D	30	150	-80.0%	10	200.0%	917	2,291	-60.0%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	5	-100.0%	175	210	-16.7%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0.0%	0	240	-100.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	124	-100.0%	0	0.0%	0	6,104	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	1,674	-100.0%	0	0.0%	0	7,578	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0.0%	0	3,599	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0.0%	0	130	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	22,481	5,350	320.2%	16,416	36.9%	81,657	115,625	-29.4%
ARGUS PROPAN FAR EST INDE	7E	3,275	1,642	99.5%	4,959	-34.0%	21,329	13,781	54.8%

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<b>Energy Futures</b>									
ARGUS PROPAN(SAUDI ARAMCO	9N	1,272	702	81.2%	1,330	-4.4%	9,196	8,019	14.7%
AUSTRIALIAN COKE COAL	ALW	0	683	-100.0%	10	-100.0%	1,003	3,799	-73.6%
BRENT BALMO SWAP	J9	100	200	-50.0%	0	0.0%	578	1,285	-55.0%
BRENT CALENDAR SWAP	CY	2,127	242	778.9%	6,902	-69.2%	25,949	18,002	44.1%
BRENT CFD SWAP	6W	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	BB	0	250	-100.0%	0	0.0%	41,011	2,402	1,607.4%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	0	1,424	-100.0%
BRENT FINANCIAL FUTURES	MDB	78	1,995	-96.1%	0	0.0%	278	2,408	-88.5%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	0	-	0	0.0%	7,940	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	0.0%	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	45	2,130	-97.9%	270	-83.3%	7,314	18,705	-60.9%
CENTERPOINT BASIS SWAP	PW	0	2,316	-100.0%	0	0.0%	534	12,966	-95.9%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0.0%	0	740	-100.0%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	92,146	117,916	-21.9%	118,405	-22.2%	1,005,852	906,628	10.9%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	207	0	0.0%	250	-17.2%	1,438	2,606	-44.8%
CHICAGO UNL GAS PL VS RBO	3C	0	215	-100.0%	0	0.0%	0	2,090	-100.0%
CIG BASIS	CI	0	9,798	-100.0%	0	0.0%	726	74,947	-99.0%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0.0%	720	1,054	-31.7%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	0.0%	0	60	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	47,400	23,400	102.6%	16,000	196.3%	326,080	298,960	9.1%
CIN HUB 5MW D AH PK	H5	2,963	1,866	58.8%	554	434.8%	17,185	20,538	-16.3%
CIN HUB 5MW REAL TIME O P	H4	0	23,400	-100.0%	16,000	-100.0%	397,000	989,984	-59.9%
CIN HUB 5MW REAL TIME PK	H3	440	1,485	-70.4%	0	0.0%	25,415	64,921	-60.9%
COAL SWAP	ACM	275	523	-47.4%	40	587.5%	1,495	2,453	-39.1%
COAL SWAP	SSI	0	0	0.0%	0	0.0%	0	187	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	1,903	-100.0%	0	0.0%	999	21,706	-95.4%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0.0%	0	2,208	-100.0%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	0.0%	0	-	0	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0.0%	1,332	3,108	-57.1%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	73	383	-80.9%	705	-89.6%	2,567	1,661	54.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	662	1,565	-57.7%	1,435	-53.9%	7,360	2,519	192.2%

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CONWAY PROPANE 5 DECIMALS SWAP	8K	10,539	8,480	24.3%	9,303	13.3%	81,131	61,764	31.4%
CRUDE OIL	CHB	0	0	0.0%	0	0.0%	0	60	-100.0%
CRUDE OIL	LPS	3,245	3,705	-12.4%	4,100	-20.9%	34,746	44,515	-21.9%
CRUDE OIL OUTRIGHTS	37	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	42	1,578	250	531.2%	228	592.1%	5,647	981	475.6%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	0	0.0%	600	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	0.0%	30	0	-
CRUDE OIL OUTRIGHTS	CSW	180	540	-66.7%	120	50.0%	2,200	1,080	103.7%
CRUDE OIL OUTRIGHTS	DBL	100	200	-50.0%	475	-78.9%	1,625	650	150.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	330	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	110	90	22.2%
CRUDE OIL OUTRIGHTS	HTT	31,790	3,980	698.7%	27,805	14.3%	122,770	18,493	563.9%
CRUDE OIL OUTRIGHTS	LSW	450	0	-	645	-30.2%	1,335	0	-
CRUDE OIL OUTRIGHTS	SSW	75	0	-	90	-16.7%	870	0	-
CRUDE OIL OUTRIGHTS	WCC	0	3,765	-100.0%	0	0.0%	24,737	44,654	-44.6%
CRUDE OIL OUTRIGHTS	WCW	6,395	0	-	11,310	-43.5%	47,415	0	-
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	425	-100.0%
CRUDE OIL SPRDS	WTT	10,750	785	1,269.4%	17,745	-39.4%	62,634	21,727	188.3%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	2,720	-100.0%
DAILY PJM	ZAO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	200	-100.0%	0	0.0%	1,400	200	600.0%
DATED TO FRONTLINE BRENT	FY	2,000	500	300.0%	1,950	2.6%	13,550	12,510	8.3%
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0.0%	0	800	-100.0%

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DEMARC SWING SWAP	DT	0	62	-100.0%	0	0.0%	0	62	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	125	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	0.0%	3	0	-
DIESEL10PPM BARG VS ICE LS	LSE	0	0	0.0%	0	-	0	0	0.0%
DLY GAS EURO-BOB OXY	GBR	0	0	0.0%	0	0.0%	0	60	-100.0%
DOMINION TRAN INC - APP I	IH	0	248	-100.0%	0	0.0%	0	17,355	-100.0%
DOMINION TRANSMISSION INC	PG	0	29,898	-100.0%	0	0.0%	48,516	182,161	-73.4%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	0	275	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	4,550	-100.0%	6,025	-100.0%	72,824	16,516	340.9%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0.0%	1,500	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	100	1,960	-94.9%	420	-76.2%	4,735	11,662	-59.4%
EAST/WEST FUEL OIL SPREAD	EW	0	40	-100.0%	0	0.0%	1,255	276	354.7%
EIA FLAT TAX ONHWAY DIESE	A5	953	756	26.1%	96	892.7%	7,167	9,984	-28.2%
ELEC ERCOT DLY OFF PK	R4	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	N1	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	R1	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	O1	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	1,270	-100.0%
ELEC FINSETTLED	49	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	0.0%	3,825	0	0.0%
ELEC MISO PEAK	55	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0.0%	70,200	0	0.0%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	0.0%	690	0	-
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	0	23,480	-100.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	0	0	-	0	0.0%	0	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	0.0%	1,540	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	0.0%	0	0.0%	0	1,612	-100.0%
EMMISSIONS	CPL	0	0	0.0%	0	-	0	0	0.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	0.0%	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	-	2,200	-100.0%	3,880	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	0	0.0%	21,200	-100.0%	35,920	4,280	739.3%

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ERCOT NORTH ZMCPPE 5MW PEAK	I5	0	0	0.0%	2,200	-100.0%	4,710	235	1,904.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,392	2,561	32.4%	2,782	21.9%	33,699	19,679	71.2%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	0.0%	0	-	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	10	-100.0%	0	0.0%	18	220	-91.8%
EURO 3.5% FUEL OIL RDAM B	KR	279	526	-47.0%	225	24.0%	3,895	3,006	29.6%
EURO 3.5% FUEL OIL SPREAD	FK	90	570	-84.2%	233	-61.4%	4,286	5,128	-16.4%
EURO-DENOMINATED PETRO PROD	IBE	0	0	0.0%	0	-	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NCP	150	0	0.0%	24	525.0%	1,514	158	858.2%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	81	87	-6.9%	66	22.7%	425	679	-37.4%
EUROPE 1% FUEL OIL NWE CA	UF	6	10	-40.0%	20	-70.0%	689	1,355	-49.2%
EUROPE 1% FUEL OIL RDAM C	UH	0	10	-100.0%	3	-100.0%	39	134	-70.9%
EUROPE 3.5% FUEL OIL MED	UI	39	166	-76.5%	10	290.0%	1,213	3,145	-61.4%
EUROPE 3.5% FUEL OIL RDAM	UV	4,029	7,599	-47.0%	2,762	45.9%	64,309	58,441	10.0%
EUROPEAN GASOIL (ICE)	7F	901	6,428	-86.0%	3,945	-77.2%	28,467	1,544,929	-98.2%
EUROPEAN NAPHTHA BALMO	KZ	264	263	0.4%	331	-20.2%	3,334	1,439	131.7%
EUROPEAN NAPHTHA CRACK SPR	EN	6,136	7,962	-22.9%	6,783	-9.5%	63,749	44,602	42.9%
EUROPE DATED BRENT SWAP	UB	600	630	-4.8%	124	383.9%	2,540	26,588	-90.4%
EUROPE JET KERO NWE CALSW	UJ	3	0	0.0%	42	-92.9%	105	38	176.3%
EUROPE NAPHTHA CALSWAP	UN	2,171	1,762	23.2%	3,342	-35.0%	25,471	12,986	96.1%
EURO PROPANE CIF ARA SWA	PS	1,562	1,798	-13.1%	1,450	7.7%	10,975	11,351	-3.3%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	0.0%	0	0.0%	0	8,310	-100.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0.0%	0	5,449	-100.0%
FREIGHT MARKETS	FLP	154	288	-46.5%	403	-61.8%	1,438	1,797	-20.0%
FUEL OIL CRACK VS ICE	FO	1,729	7,605	-77.3%	1,335	29.5%	34,650	41,160	-15.8%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	0	32	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	0	1,116	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	0	54	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	110	290	-62.1%	170	-35.3%	2,666	3,105	-14.1%
GAS EURO-BOB OXY NWE BARGES	7H	4,078	6,761	-39.7%	7,202	-43.4%	61,417	62,770	-2.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	21,145	17,412	21.4%	22,615	-6.5%	176,192	129,116	36.5%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0.0%	0	6	-100.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF MED BALMO	X6	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	0.0%	0	75	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	60	-100.0%	0	0.0%	50	190	-73.7%



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<b>Energy Futures</b>									
GASOIL 0.1 CIF NWE VS ISE	TU	0	10	-100.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0.0%	20	5	300.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0.0%	0	5	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	150	60	150.0%
GASOIL 0.1 ROTTERDAM BARG	VL	15	25	-40.0%	5	200.0%	100	25	300.0%
GASOIL 10P CRG CIF NW VS	3V	0	5	-100.0%	0	0.0%	25	15	66.7%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0.0%	0	3	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	120	190	-36.8%	60	100.0%	712	890	-20.0%
GASOIL BULLET SWAP	BG	100	0	-	0	0.0%	130	0	-
GASOIL CALENDAR SWAP	GX	3	9	-66.7%	0	0.0%	244	314	-22.3%
GASOIL CRACK SPREAD CALEN	GZ	4,967	4,032	23.2%	4,545	9.3%	65,395	46,564	40.4%
GASOIL MINI CALENDAR SWAP	QA	109	115	-5.2%	188	-42.0%	1,300	2,169	-40.1%
GASOLINE UP-DOWN BALMO SW	1K	0	0	0.0%	0	0.0%	0	810	-100.0%
GC ULSD VS GC JET SPREAD	VV	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	125	300	-58.3%
GRP THREE ULSD(PLT)VS HEA	A6	6,258	1,255	398.6%	9,117	-31.4%	36,585	23,293	57.1%
GRP THREE UNL GS (PLT) VS	A8	2,425	865	180.3%	1,645	47.4%	7,724	12,420	-37.8%
GULF COAST 3% FUEL OIL BA	VZ	1,677	600	179.5%	286	486.4%	11,074	6,254	77.1%
GULF COAST GASOLINE CLNDR	GS	0	0	0.0%	0	0.0%	0	1,300	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	162	-100.0%	42	-100.0%	943	1,335	-29.4%
GULF COAST JET VS NYM 2 H	ME	40,930	33,519	22.1%	57,220	-28.5%	400,968	295,653	35.6%
GULF COAST NO.6 FUEL OIL	MF	54,140	55,671	-2.8%	42,091	28.6%	471,337	516,081	-8.7%
GULF COAST NO.6 FUEL OIL	MG	375	400	-6.3%	643	-41.7%	10,933	5,984	82.7%
GULF COAST ULSD CALENDAR	LY	949	778	22.0%	80	1,086.3%	5,029	8,112	-38.0%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	3,870	6,156	-37.1%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0.0%	830	335	147.8%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	20	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL VS ICE GASOIL	HA	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	6,843	-100.0%	0	0.0%	51,020	181,467	-71.9%
HENRY HUB FINANCIAL LAST	NBP	405	0	-	549	-26.2%	1,013	0	-
HENRY HUB FINANCIAL LAST	TTE	410	0	-	32	1,181.3%	534	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	4,638	-100.0%	0	0.0%	48,830	164,274	-70.3%
HENRY HUB SWAP	NN	256,463	315,550	-18.7%	260,442	-1.5%	1,716,882	3,769,113	-54.4%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0.0%	0	290	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	0	2,100	-100.0%	0	0.0%	3,777	28,364	-86.7%

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Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>									
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0.0%	0	186	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0.0%	719	0	0.0%
ICE BRENT DUBAI SWAP	DB	8,730	7,998	9.2%	1,433	509.2%	79,626	8,108	882.1%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	0.0%	9	0	-
IN DELIVERY MONTH EUA	6T	0	100	-100.0%	0	0.0%	2,850	26,301	-89.2%
INDIANA MISO	FAD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FDM	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FTM	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	0	0	0.0%	0	0.0%	0	112	-100.0%
INDIANA MISO	PDM	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTM	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	15	-100.0%	0	0.0%	5	220	-97.7%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0.0%	10	20	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	620	388	59.8%	746	-16.9%	5,251	3,811	37.8%
JAPAN C&F NAPHTHA SWAP	JA	1,512	1,204	25.6%	1,089	38.8%	14,106	11,280	25.1%
JAPAN NAPHTHA BALMO SWAP	E6	86	0	0.0%	0	0.0%	1,400	370	278.4%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	15	-100.0%	0	0.0%	12	172	-93.0%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0.0%	0	22	-100.0%
JET CIF NWE VS ICE	JC	82	25	228.0%	10	720.0%	916	785	16.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	5	2	150.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0.0%	62	30	106.7%
JET FUEL UP-DOWN BALMO CL	1M	7,299	5,377	35.7%	6,035	20.9%	64,506	34,489	87.0%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	300	225	33.3%	450	-33.3%	1,970	6,552	-69.9%
LA CARBOB GASOLINE(OPIS)S	JL	575	50	1,050.0%	325	76.9%	2,450	5,950	-58.8%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0.0%	25	800	-96.9%
LA JET (OPIS) SWAP	JS	1,380	1,775	-22.3%	3,275	-57.9%	16,775	18,387	-8.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	10,706	4,273	150.5%	8,245	29.8%	43,954	60,211	-27.0%
MARS (ARGUS) VS WTI SWAP	YX	4,268	2,700	58.1%	3,400	25.5%	29,519	36,918	-20.0%
MARS (ARGUS) VS WTI TRD M	YV	27,385	12,104	126.2%	11,890	130.3%	173,404	98,971	75.2%
MARS BLEND CRUDE OIL	MB	500	450	11.1%	740	-32.4%	12,468	15,974	-21.9%
MCCLOSKEY ARA ARGS COAL	MTF	41,084	118,650	-65.4%	26,637	54.2%	421,024	1,525,677	-72.4%



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<b>Energy Futures</b>									
MCCLOSKEY RCH BAY COAL	MFF	3,800	10,616	-64.2%	3,457	9.9%	47,072	157,368	-70.1%
MGF FUT	MGF	0	0	0.0%	89	-100.0%	286	100	186.0%
MGN1 SWAP FUT	MGN	25	322	-92.2%	20	25.0%	979	1,360	-28.0%
MICHCON NG INDEX SWAP	Y8	0	0	0.0%	0	0.0%	0	1,840	-100.0%
MICHIGAN BASIS	NF	0	5,587	-100.0%	0	0.0%	2,592	22,351	-88.4%
MICHIGAN MISO	HMO	47,400	0	0.0%	0	0.0%	106,440	127,640	-16.6%
MICHIGAN MISO	HMW	2,535	0	0.0%	0	0.0%	5,730	7,240	-20.9%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	103	410	-74.9%	255	-59.6%	4,154	3,849	7.9%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	1,000	1,220	-18.0%	1,135	-11.9%	5,082	2,216	129.3%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	992	2,224	-55.4%	2,887	-65.6%	22,030	11,817	86.4%
MJB FUT	MJB	0	0	0.0%	0	-	0	0	0.0%
MJC FUT	MJC	320	60	433.3%	20	1,500.0%	1,045	825	26.7%
MNC FUT	MNC	3,304	3,702	-10.8%	3,970	-16.8%	38,393	35,674	7.6%
MONT BELVIEU ETHANE 5 DECIMAL	C0	17,938	84,579	-78.8%	16,456	9.0%	208,495	408,400	-48.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	150	230	-34.8%	175	-14.3%	2,597	1,045	148.5%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	95,265	118,779	-19.8%	101,923	-6.5%	812,594	1,025,912	-20.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,487	906	64.1%	1,693	-12.2%	15,985	7,693	107.8%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	6,110	7,312	-16.4%	2,306	165.0%	38,382	75,071	-48.9%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	599	75	698.7%	117	412.0%	2,499	1,736	44.0%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	25,548	42,699	-40.2%	29,121	-12.3%	250,304	234,048	6.9%
MONT BELVIEU NORMAL BUTANE BALMO	8J	276	254	8.7%	820	-66.3%	6,377	5,795	10.0%
NAT GAS BASIS SWAP	SGW	0	0	0.0%	0	-	0	0	0.0%
NAT GAS BASIS SWAP	TZ6	0	2,481	-100.0%	428	-100.0%	2,165	32,100	-93.3%
NATURAL GAS	HBI	0	0	-	0	0.0%	0	0	-
NATURAL GAS	XIC	0	0	-	0	0.0%	44	0	-
NATURAL GAS	XSC	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	0.0%	0	0.0%	360	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0.0%	656	6,702	-90.2%
NATURAL GAS PEN SWP	NP	90,218	77,076	17.1%	64,946	38.9%	788,221	978,394	-19.4%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0.0%	0	11,925	-100.0%





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<b>Energy Futures</b>									
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0.0%	0	635	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	14,040	0	0.0%	0	0.0%	235,140	454,549	-48.3%
NEPOOL INTR HUB 5MW D AH	U6	765	0	0.0%	840	-8.9%	17,275	32,410	-46.7%
NEPOOL NE MASS 5MW D AH O	P8	14,040	0	0.0%	0	0.0%	14,040	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	765	0	0.0%	0	0.0%	765	640	19.5%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D AH	U3	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL RHD ISLD 5MW D AH	U4	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH O	P5	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH P	P4	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	0	0.0%	0	0.0%	0	4,000	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0.0%	0	1,685	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	1,485	1,505	-1.3%	1,150	29.1%	7,245	13,630	-46.8%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	368	2,793	-86.8%	1,332	-72.4%	4,044	29,370	-86.2%
NGPL MIDCONTINENT INDEX	IW	0	434	-100.0%	0	0.0%	0	7,661	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	0	0.0%	0	0.0%	0	620	-100.0%
NGPL TEX/OK	PD	368	3,500	-89.5%	1,910	-80.7%	8,134	28,104	-71.1%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0.0%	0	360	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	0.0%	99	-100.0%	3,659	2,562	42.8%
NORTHERN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	2,173	-100.0%
NORTHERN NATURAL GAS VENTU	PF	0	140	-100.0%	0	0.0%	84	7,391	-98.9%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	10,093	-100.0%	0	0.0%	3,088	145,707	-97.9%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	334	0	0.0%
NY1% VS GC SPREAD SWAP	VR	1,830	2,756	-33.6%	875	109.1%	19,846	21,028	-5.6%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0.0%	0	489	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	75	25	200.0%	75	0.0%	3,260	1,500	117.3%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	25	101	-75.2%
NY HARBOR HEAT OIL SWP	MP	783	1,560	-49.8%	1,986	-60.6%	21,559	21,797	-1.1%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	100	-100.0%	225	-100.0%	4,273	4,956	-13.8%

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<b>Energy Futures</b>									
NY HARBOR RESIDUAL FUEL 1	MM	2,196	3,671	-40.2%	2,558	-14.2%	22,640	31,247	-27.5%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	-	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	1,143	377	203.2%	279	309.7%	12,502	15,097	-17.2%
NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO A	KA	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	LHV	6	0	0.0%	12	-50.0%	285	168	69.6%
NYISO CAPACITY	NNC	178	300	-40.7%	96	85.4%	1,788	1,677	6.6%
NYISO CAPACITY	NRS	276	84	228.6%	93	196.8%	1,813	2,061	-12.0%
NYISO G	KG	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO J	KJ	0	0	0.0%	0	0.0%	0	172	-100.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0.0%	0	80	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0.0%	32,760	239,365	-86.3%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0.0%	6,815	3,600	89.3%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0.0%	0	54,290	-100.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0.0%	110	1,512	-92.7%
NYISO ZONE G 5MW D AH O P	D2	47,865	0	0.0%	84,240	-43.2%	780,585	384,706	102.9%
NYISO ZONE G 5MW D AH PK	T3	2,235	1,270	76.0%	4,854	-54.0%	55,044	31,693	73.7%
NYISO ZONE J 5MW D AH O P	D4	0	9,344	-100.0%	0	0.0%	226,600	112,296	101.8%
NYISO ZONE J 5MW D AH PK	D3	1,810	1,784	1.5%	870	108.0%	24,975	10,391	140.4%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	12	3,300	-99.6%	500	-97.6%	8,232	7,410	11.1%
ONEOK OKLAHOMA NG BASIS	8X	992	0	0.0%	196	406.1%	1,188	1,065	11.5%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0.0%	0	160	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0.0%	0	3,750	-100.0%
ONTARIO POWER SWAPS	OPD	10	30	-66.7%	10	0.0%	505	385	31.2%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	650	440	47.7%
PANHANDLE BASIS SWAP FUTU	PH	0	8,384	-100.0%	0	0.0%	3,060	78,106	-96.1%
PANHANDLE INDEX SWAP FUTU	IV	0	992	-100.0%	0	0.0%	0	3,472	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	864	0	0.0%
PERMIAN BASIS SWAP	PM	372	9,546	-96.1%	0	0.0%	1,381	38,407	-96.4%
PETROCHEMICALS	22	122	24	408.3%	111	9.9%	733	418	75.4%
PETROCHEMICALS	32	37	117	-68.4%	93	-60.2%	908	536	69.4%

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Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>									
PETROCHEMICALS	8I	436	562	-22.4%	688	-36.6%	5,399	1,918	181.5%
PETROCHEMICALS	91	192	139	38.1%	265	-27.5%	1,946	1,503	29.5%
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	0	48	-100.0%
PETROCHEMICALS	JKM	190	0	-	310	-38.7%	500	0	-
PETROCHEMICALS	LPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	0.0%	50	110	-54.5%
PETROCHEMICALS	MAE	160	0	0.0%	70	128.6%	300	385	-22.1%
PETROCHEMICALS	MAS	100	30	233.3%	30	233.3%	315	960	-67.2%
PETROCHEMICALS	MBE	1,570	4,445	-64.7%	1,205	30.3%	11,500	26,720	-57.0%
PETROCHEMICALS	MNB	2,165	1,836	17.9%	2,603	-16.8%	15,737	18,686	-15.8%
PETROCHEMICALS	MPS	20	0	-	10	100.0%	40	0	-
PETRO CRCKS & SPRDS ASIA	JNC	150	0	-	0	-	150	0	-
PETRO CRCKS & SPRDS ASIA	STI	40	0	0.0%	0	0.0%	182	1,050	-82.7%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	264	64	312.5%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	1,310	80	1,537.5%
PETRO CRCKS & SPRDS NA	CRB	370	40	825.0%	905	-59.1%	2,330	1,039	124.3%
PETRO CRCKS & SPRDS NA	EXR	1,764	1,739	1.4%	2,877	-38.7%	22,821	12,835	77.8%
PETRO CRCKS & SPRDS NA	FOC	1,075	1,250	-14.0%	275	290.9%	7,053	9,105	-22.5%
PETRO CRCKS & SPRDS NA	GBB	1,865	565	230.1%	1,313	42.0%	8,848	2,090	323.3%
PETRO CRCKS & SPRDS NA	GCC	0	125	-100.0%	360	-100.0%	1,160	1,650	-29.7%
PETRO CRCKS & SPRDS NA	GCI	632	1,306	-51.6%	0	0.0%	9,619	9,411	2.2%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	17	-100.0%	59	66	-10.6%
PETRO CRCKS & SPRDS NA	GCU	3,318	5,239	-36.7%	3,370	-1.5%	50,991	64,193	-20.6%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	535	129	314.7%
PETRO CRCKS & SPRDS NA	HOB	645	1,995	-67.7%	2,835	-77.2%	28,229	34,424	-18.0%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0.0%	75	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	30	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	109	788	-86.2%
PETRO CRCKS & SPRDS NA	NYF	0	15	-100.0%	0	0.0%	1,125	490	129.6%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	RBB	2,228	12,198	-81.7%	6,394	-65.2%	69,754	88,653	-21.3%
PETRO CRCKS & SPRDS NA	RVG	13,080	11,794	10.9%	21,880	-40.2%	144,087	76,411	88.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0.0%	15	34	-55.9%
PETRO CRK&SPRD EURO	1NB	539	1,544	-65.1%	1,720	-68.7%	11,599	15,344	-24.4%
PETRO CRK&SPRD EURO	1ND	225	0	0.0%	0	-	225	0	0.0%
PETRO CRK&SPRD EURO	43	923	274	236.9%	288	220.5%	2,954	1,539	91.9%

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Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>									
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	1,280	2,472	-48.2%	862	48.5%	17,221	18,202	-5.4%
PETRO CRK&SPRD EURO	EGB	5	0	-	0	-	5	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	0.0%	18	0	-
PETRO CRK&SPRD EURO	EOB	6	0	0.0%	31	-80.6%	127	91	39.6%
PETRO CRK&SPRD EURO	EPN	776	289	168.5%	645	20.3%	4,174	2,207	89.1%
PETRO CRK&SPRD EURO	EVC	1,360	2,091	-35.0%	1,588	-14.4%	21,722	13,559	60.2%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0.0%	0	480	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0.0%	739	785	-5.9%
PETRO CRK&SPRD EURO	GOC	15	30	-50.0%	15	0.0%	120	99	21.2%
PETRO CRK&SPRD EURO	LSU	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	MUD	26	87	-70.1%	138	-81.2%	883	1,152	-23.4%
PETRO CRK&SPRD EURO	NBB	10	10	0.0%	10	0.0%	134	188	-28.7%
PETRO CRK&SPRD EURO	NOB	1,235	840	47.0%	1,640	-24.7%	10,005	4,289	133.3%
PETRO CRK&SPRD EURO	SFB	0	10	-100.0%	23	-100.0%	178	115	54.8%
PETRO CRK&SPRD EURO	SFC	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D44	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D45	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D46	0	0	0.0%	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	D64	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D65	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	EWG	1,815	1,590	14.2%	2,546	-28.7%	22,019	5,897	273.4%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0.0%	80	551	-85.5%
PETROLEUM PRODUCTS	MGS	0	0	-	0	0.0%	20	0	-
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	MME	0	0	-	0	0.0%	20	0	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	100	1,363	-92.7%
PETROLEUM PRODUCTS	VU	200	147	36.1%	830	-75.9%	2,674	2,426	10.2%
PETROLEUM PRODUCTS ASIA	E6M	30	40	-25.0%	40	-25.0%	222	467	-52.5%
PETROLEUM PRODUCTS ASIA	MJN	1,216	846	43.7%	1,400	-13.1%	17,323	11,091	56.2%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	20	-100.0%	45	0	-
PETRO OUTRIGHT EURO	0A	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0B	10	0	0.0%	20	-50.0%	113	1,300	-91.3%

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<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	0C	10	40	-75.0%	0	0.0%	10	201	-95.0%
PETRO OUTRIGHT EURO	0D	1,354	2,306	-41.3%	2,105	-35.7%	21,108	34,968	-39.6%
PETRO OUTRIGHT EURO	0E	90	1,326	-93.2%	125	-28.0%	4,040	8,193	-50.7%
PETRO OUTRIGHT EURO	0F	616	1,332	-53.8%	830	-25.8%	10,306	10,703	-3.7%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	42	-100.0%	102	20	410.0%
PETRO OUTRIGHT EURO	33	0	60	-100.0%	0	0.0%	80	279	-71.3%
PETRO OUTRIGHT EURO	5L	55	70	-21.4%	0	0.0%	546	1,612	-66.1%
PETRO OUTRIGHT EURO	63	30	285	-89.5%	240	-87.5%	767	1,317	-41.8%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	5	-100.0%	7	0	0.0%
PETRO OUTRIGHT EURO	7I	190	109	74.3%	0	0.0%	1,065	1,399	-23.9%
PETRO OUTRIGHT EURO	7P	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	7R	109	300	-63.7%	220	-50.5%	2,180	2,418	-9.8%
PETRO OUTRIGHT EURO	88	0	0	0.0%	30	-100.0%	35	55	-36.4%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	0.0%	42	0	-
PETRO OUTRIGHT EURO	CGB	25	0	0.0%	0	0.0%	25	6	316.7%
PETRO OUTRIGHT EURO	CPB	221	48	360.4%	209	5.7%	2,469	941	162.4%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	10	-100.0%	290	416	-30.3%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	25	-100.0%	453	640	-29.2%
PETRO OUTRIGHT EURO	ENS	30	53	-43.4%	20	50.0%	180	1,121	-83.9%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	0.0%	69	0	-
PETRO OUTRIGHT EURO	EWN	514	175	193.7%	693	-25.8%	6,299	1,644	283.2%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0.0%	20	20	0.0%
PETRO OUTRIGHT EURO	MBB	20	0	0.0%	0	0.0%	500	84	495.2%
PETRO OUTRIGHT EURO	MBN	1,220	1,990	-38.7%	1,154	5.7%	9,651	13,677	-29.4%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	40	240	-83.3%
PETRO OUTRIGHT EURO	T0	0	51	-100.0%	0	0.0%	164	419	-60.9%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0.0%	375	490	-23.5%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	150	0	0.0%
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT EURO	X0	0	150	-100.0%	0	0.0%	0	150	-100.0%
PETRO OUTRIGHT EURO	Y0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	FCB	39	210	-81.4%	224	-82.6%	1,613	1,240	30.1%
PETRO OUTRIGHT NA	FOB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0.0%	50	3	1,566.7%
PETRO OUTRIGHT NA	GBA	0	0	0.0%	0	0.0%	0	8	-100.0%
PETRO OUTRIGHT NA	GUD	0	0	0.0%	0	0.0%	0	13	-100.0%

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<b>Energy Futures</b>									
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0.0%	420	439	-4.3%
PETRO OUTRIGHT NA	JET	6,725	13,955	-51.8%	7,581	-11.3%	40,345	36,135	11.7%
PETRO OUTRIGHT NA	JTB	850	0	-	225	277.8%	2,025	0	-
PETRO OUTRIGHT NA	MBL	0	66	-100.0%	105	-100.0%	266	234	13.7%
PETRO OUTRIGHT NA	MEN	523	393	33.1%	657	-20.4%	5,549	5,831	-4.8%
PETRO OUTRIGHT NA	MEO	6,972	10,210	-31.7%	7,111	-2.0%	85,428	91,144	-6.3%
PETRO OUTRIGHT NA	MFD	0	62	-100.0%	0	0.0%	203	900	-77.4%
PETRO OUTRIGHT NA	MMF	47	100	-53.0%	12	291.7%	485	1,248	-61.1%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0.0%	625	100	525.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	163,360	-100.0%	0	0.0%	273,469	1,196,608	-77.1%
PJM AD HUB 5MW REAL TIME	Z9	420	6,150	-93.2%	2,550	-83.5%	22,411	94,979	-76.4%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AECO DA PEAK	Y1	0	0	0.0%	0	0.0%	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	W4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM APS ZONE DA PEAK	S4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MOD	0	6,005	-100.0%	0	0.0%	46,800	6,005	679.4%
PJM ATSI ELEC	MPD	0	315	-100.0%	0	0.0%	2,550	315	709.5%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	0	23,400	-100.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0.0%	0	1,275	-100.0%
PJM COMED 5MW D AH O PK	D9	0	46,800	-100.0%	0	0.0%	85,390	257,480	-66.8%
PJM COMED 5MW D AH PK	D8	0	3,180	-100.0%	0	0.0%	4,675	14,650	-68.1%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	1,300	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	6,005	-100.0%	0	0.0%	211,995	27,310	676.3%
PJM DAYTON DA PEAK	D7	0	315	-100.0%	0	0.0%	5,250	21,943	-76.1%
PJM DUQUESNE 5MW D AH PK	D5	0	0	0.0%	0	-	0	0	0.0%
PJM DUQUS 5MW D AH O PK	D6	0	0	0.0%	0	-	0	0	0.0%
PJM JCPL DA OFF-PEAK	F2	0	0	0.0%	0	0.0%	0	0	0.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	9,545	-100.0%	1,260	-100.0%	79,100	66,639	18.7%
PJM NI HUB 5MW REAL TIME	B6	0	170,810	-100.0%	36,030	-100.0%	1,700,530	1,525,942	11.4%
PJM NILL DA OFF-PEAK	L3	0	50,278	-100.0%	0	0.0%	685,367	875,212	-21.7%
PJM NILL DA PEAK	N3	0	3,414	-100.0%	60	-100.0%	39,086	43,464	-10.1%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0.0%	0	140	-100.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PEPKO DA OFF-PEAK	Q8	0	0	0.0%	0	-	0	0	0.0%

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<b>Energy Futures</b>									
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	0	163,800	-100.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	0	5,100	-100.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	46,800	-100.0%	54,300	825,010	-93.4%
PJM WESTHDA PEAK	J4	0	525	-100.0%	2,550	-100.0%	8,620	45,673	-81.1%
PJM WESTH RT OFF-PEAK	N9	23,400	260,884	-91.0%	288,670	-91.9%	2,158,295	5,834,060	-63.0%
PJM WESTH RT PEAK	L1	7,095	20,420	-65.3%	17,480	-59.4%	202,951	544,987	-62.8%
PLASTICS	PGP	1,204	164	634.1%	575	109.4%	5,594	2,907	92.4%
PREMIUM UNLD 10P FOB MED	3G	38	168	-77.4%	85	-55.3%	531	2,581	-79.4%
PREMIUM UNLEAD 10PPM FOB	8G	0	5	-100.0%	0	0.0%	152	293	-48.1%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	5	-100.0%	0	0.0%	7	7	0.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	0.0%	37	273	-86.4%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	600	2,150	-72.1%	357	68.1%	4,864	5,347	-9.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	5,288	12,963	-59.2%	4,889	8.2%	59,990	93,035	-35.5%
RBOB CALENDAR SWAP	RL	7,409	7,588	-2.4%	10,729	-30.9%	66,848	60,186	11.1%
RBOB CRACK SPREAD	RM	2,220	1,200	85.0%	2,640	-15.9%	7,424	12,975	-42.8%
RBOB CRACK SPREAD BALMO S	1E	0	300	-100.0%	0	0.0%	0	350	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	1,235	693	78.2%	618	99.8%	7,374	6,751	9.2%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	0.0%	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	0	0.0%	0	0.0%	0	9,203	-100.0%
RBOB VS HEATING OIL SWAP	RH	600	3,030	-80.2%	1,270	-52.8%	16,720	14,857	12.5%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0.0%	0	1,046	-100.0%
SAN JUAN BASIS SWAP	NJ	0	9,043	-100.0%	0	0.0%	2,254	60,432	-96.3%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	10	52	-80.8%	102	-90.2%	534	489	9.2%
SINGAPORE 380CST BALMO	BT	346	203	70.4%	292	18.5%	2,028	1,332	52.3%
SINGAPORE 380CST FUEL OIL	SE	7,267	9,468	-23.2%	6,280	15.7%	89,510	66,116	35.4%
SINGAPORE FUEL 180CST CAL	UA	720	569	26.5%	1,121	-35.8%	9,796	10,090	-2.9%
SINGAPORE FUEL OIL SPREAD	SD	427	645	-33.8%	492	-13.2%	6,528	5,143	26.9%
SINGAPORE GASOIL	MTB	75	202	-62.9%	230	-67.4%	1,378	2,060	-33.1%
SINGAPORE GASOIL	MTS	5,383	4,070	32.3%	6,663	-19.2%	45,083	33,714	33.7%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0.0%	0	100	-100.0%



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Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>									
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	800	180	344.4%
SINGAPORE GASOIL CALENDAR	MSG	87	30	190.0%	103	-15.5%	2,301	567	305.8%
SINGAPORE GASOIL SWAP	SG	2,535	6,877	-63.1%	7,037	-64.0%	81,174	43,617	86.1%
SINGAPORE GASOIL VS ICE	GA	1,790	3,565	-49.8%	6,895	-74.0%	70,054	18,648	275.7%
SINGAPORE JET KERO BALMO	BX	0	100	-100.0%	0	0.0%	536	156	243.6%
SINGAPORE JET KERO GASOIL	RK	665	1,175	-43.4%	2,200	-69.8%	17,960	7,450	141.1%
SINGAPORE JET KEROSENE SW	KS	510	1,010	-49.5%	1,560	-67.3%	12,314	5,630	118.7%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	50	0	0.0%	0	0.0%	50	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	100	-100.0%	25	-100.0%	1,265	2,943	-57.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	4,115	9,024	-54.4%	6,922	-40.6%	66,837	62,267	7.3%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0.0%	0	20	-100.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	-	0	0	0.0%
SING FUEL	MSD	30	15	100.0%	0	0.0%	70	30	133.3%
SOCAL BASIS SWAP	NS	0	0	0.0%	0	-	0	0	0.0%
SOCAL PIPE SWAP	XN	0	264	-100.0%	0	0.0%	0	5,864	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0.0%	0	368	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0.0%	0	612	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	434	-100.0%	0	0.0%	0	1,802	-100.0%
Sumas Basis Swap	NK	0	642	-100.0%	0	0.0%	6,238	14,877	-58.1%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	0.0%	306	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	-	0	0	0.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	0	15	-100.0%
TCO BASIS SWAP	TC	0	4,923	-100.0%	0	0.0%	8,226	30,632	-73.1%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	0	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	0.0%	0	1,285	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	546	-100.0%	0	0.0%	428	1,630	-73.7%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0.0%	0	1,526	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	428	-100.0%	0	0.0%	0	3,028	-100.0%
Tetco ELA Basis	TE	0	0	0.0%	0	-	0	0	0.0%
TETCO M-3 INDEX	IX	0	62	-100.0%	0	0.0%	0	8,125	-100.0%
Tetco STX Basis	TX	0	0	0.0%	0	0.0%	0	1,611	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	6,646	-100.0%	604	-100.0%	8,604	73,157	-88.2%
TEXAS GAS ZONE1 NG BASIS	9F	0	248	-100.0%	0	0.0%	0	248	-100.0%
TRANSCO ZONE 1 NG BASIS	8E	0	0	0.0%	0	-	0	0	0.0%
Transco Zone 3 Basis	CZ	0	62	-100.0%	0	0.0%	302	792	-61.9%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	0.0%	6,256	0	-



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Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>									
TRANSCO ZONE4 BASIS SWAP	TR	620	943	-34.3%	0	0.0%	13,239	18,008	-26.5%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0.0%	465	1,457	-68.1%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	3,424	-100.0%	0	0.0%	2,870	10,487	-72.6%
TRANSCO ZONE 6 INDEX	IT	0	368	-100.0%	0	0.0%	856	6,502	-86.8%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	0.0%	0	-	0	0	0.0%
UCM FUT	UCM	0	60	-100.0%	20	-100.0%	265	321	-17.4%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	0.0%	0	38	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0.0%	30	45	-33.3%
ULSD 10PPM CIF MED VS ICE	Z7	0	1	-100.0%	0	0.0%	66	165	-60.0%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	0.0%	6	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0.0%	0	35	-100.0%
ULSD UP-DOWN BALMO SWP	1L	8,022	8,845	-9.3%	3,950	103.1%	36,922	52,605	-29.8%
UP DOWN GC ULSD VS NMX HO	LT	55,403	43,081	28.6%	63,616	-12.9%	423,740	477,451	-11.2%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0.0%	0	175	-100.0%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	0.0%	0	-	0	0	0.0%
WAHA BASIS	NW	0	1,574	-100.0%	3,012	-100.0%	6,064	41,094	-85.2%
WAHA INDEX SWAP FUTURE	IY	0	248	-100.0%	0	0.0%	0	8,668	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	580	-100.0%	0	0.0%	2,220	8,637	-74.3%
WTI-BRENT BULLET SWAP	BY	500	0	0.0%	0	0.0%	904	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	43,535	9,619	352.6%	31,785	37.0%	139,672	108,037	29.3%
WTI CALENDAR	CS	57,376	28,291	102.8%	40,687	41.0%	334,225	264,300	26.5%
WTS (ARGUS) VS WTI SWAP	FF	1,770	8,934	-80.2%	11,370	-84.4%	38,514	23,036	67.2%
WTS (ARGUS) VS WTI TRD MT	FH	516	2,125	-75.7%	1,620	-68.1%	6,080	10,706	-43.2%
<b>Energy Options</b>									
12 MO GASOIL CAL SWAP SPR	GXZ	400	0	-	0	0.0%	630	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	0.0%	0	0	0.0%
APPALACHIAN COAL	6K	0	0	0.0%	0	-	0	0	0.0%
BRENT CALENDAR SWAP	BA	50	400	-87.5%	0	0.0%	5,347	11,628	-54.0%
BRENT OIL LAST DAY	BE	975	2,575	-62.1%	9,316	-89.5%	34,586	36,790	-6.0%
BRENT OIL LAST DAY	BZO	97,901	27,262	259.1%	53,791	82.0%	330,966	152,817	116.6%
BRENT OIL LAST DAY	OS	0	404	-100.0%	500	-100.0%	3,644	12,230	-70.2%
COAL API2 INDEX	CLA	1,281	2,797	-54.2%	150	754.0%	9,452	50,654	-81.3%
COAL API2 INDEX	CQA	0	0	0.0%	0	0.0%	610	101,734	-99.4%
COAL API2 INDEX	MTC	0	0	0.0%	0	0.0%	50	150	-66.7%

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Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Options</b>									
COAL API4 INDEX	RLA	0	0	0.0%	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RQA	0	50	-100.0%	0	0.0%	0	1,380	-100.0%
COAL SWAP	CPF	0	0	0.0%	40	-100.0%	180	585	-69.2%
COAL SWAP	RPF	100	1,000	-90.0%	360	-72.2%	545	1,086	-49.8%
CRUDE OIL 1MO	WA	237,530	310,775	-23.6%	193,754	22.6%	1,669,132	2,291,305	-27.2%
CRUDE OIL APO	AO	112,477	34,139	229.5%	67,115	67.6%	437,135	251,823	73.6%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	0	2,290	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	1,560	0	-	7,680	-79.7%	9,240	0	-
CRUDE OIL PHY	CD	5,555	4,200	32.3%	5,350	3.8%	25,570	32,375	-21.0%
CRUDE OIL PHY	LC	10,310	2,889	256.9%	13,195	-21.9%	229,027	286,052	-19.9%
CRUDE OIL PHY	LO	2,689,985	3,850,549	-30.1%	3,326,187	-19.1%	33,664,076	33,716,414	-0.2%
CRUDE OIL PHY	LO1	9,269	3,147	194.5%	25,359	-63.4%	123,642	49,040	152.1%
CRUDE OIL PHY	LO2	8,235	3,517	134.1%	20,956	-60.7%	108,891	36,544	198.0%
CRUDE OIL PHY	LO3	702	2,876	-75.6%	10,246	-93.1%	70,892	22,385	216.7%
CRUDE OIL PHY	LO4	14,886	5,924	151.3%	20,549	-27.6%	149,757	39,577	278.4%
CRUDE OIL PHY	LO5	18,627	9,586	94.3%	74	25,071.6%	53,489	25,135	112.8%
DAILY CRUDE OIL	DNM	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	PML	0	27	-100.0%	0	0.0%	0	254	-100.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0.0%	820	2,580	-68.2%
ELECTRICITY OFF PEAK	N9P	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0.0%	75	25	200.0%
ETHANOL	CE3	0	0	0.0%	25	-100.0%	325	25	1,200.0%
ETHANOL SWAP	CVR	8,278	10,595	-21.9%	5,261	57.3%	49,341	54,913	-10.1%
ETHANOL SWAP	GVR	0	540	-100.0%	195	-100.0%	1,580	2,858	-44.7%
EURO-DENOMINATED PETRO PROD	EFB	0	0	0.0%	0	-	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NWE	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	0.0%	0	60	-100.0%
GASOIL CRACK SPREAD AVG PRICE OPTION	3U	0	0	0.0%	0	-	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0.0%	0	872	-100.0%
HEATING OIL CRACK OPTIONS	CH	0	0	-	0	0.0%	100	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	300	-100.0%	0	0.0%	0	300	-100.0%
HEATING OIL PHY	LB	1,000	24	4,066.7%	135	640.7%	2,703	3,323	-18.7%
HEATING OIL PHY	OH	26,972	36,369	-25.8%	32,353	-16.6%	283,371	476,258	-40.5%
HENRY HUB FINANCIAL LAST	E7	4,655	2,458	89.4%	3,023	54.0%	33,038	18,395	79.6%

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Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Options</b>									
HO 1 MONTH CLNDR OPTIONS	FA	100	0	0.0%	300	-66.7%	1,700	5,700	-70.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	5,100	11,730	-56.5%
LLS CRUDE OIL	YVO	3,000	0	-	750	300.0%	3,750	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	270	-100.0%	0	0.0%	1,290	9,265	-86.1%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0.0%	0	2,385	-100.0%
NATURAL GAS	G10	0	0	0.0%	0	0.0%	450	500	-10.0%
NATURAL GAS 12 M CSO FIN	G7	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	37,500	2,050	1,729.3%	12,625	197.0%	333,945	45,629	631.9%
NATURAL GAS 2 M CSO FIN	G2	4,500	200	2,150.0%	0	0.0%	8,050	1,200	570.8%
NATURAL GAS 3 M CSO FIN	G3	13,175	53,033	-75.2%	25,825	-49.0%	119,425	227,232	-47.4%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	4,050	1,200	237.5%
NATURAL GAS 6 M CSO FIN	G6	8,200	0	0.0%	2,000	310.0%	47,020	4,100	1,046.8%
NATURAL GAS OPTION ON CALENDAR STRP	6J	400	0	0.0%	600	-33.3%	7,938	16,008	-50.4%
NATURAL GAS PHY	KD	58,470	29,255	99.9%	55,617	5.1%	351,255	288,531	21.7%
NATURAL GAS PHY	LN	2,011,206	1,905,146	5.6%	1,831,154	9.8%	19,691,178	17,297,757	13.8%
NATURAL GAS PHY	ON	162,887	207,018	-21.3%	151,598	7.4%	1,735,851	2,442,815	-28.9%
NATURAL GAS PHY	ON1	0	0	0.0%	0	0.0%	0	2	-100.0%
NATURAL GAS PHY	ON5	0	0	0.0%	0	-	0	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	0.0%	0	500	-100.0%
N ROCKIES PIPE SWAP	ZR	0	1,680	-100.0%	1,174	-100.0%	4,030	5,910	-31.8%
NY HARBOR HEAT OIL SWP	AT	1,972	4,442	-55.6%	2,543	-22.5%	29,663	51,717	-42.6%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	0.0%	19,830	420	4,621.4%
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	0.0%	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	-	0	0.0%	2,880	0	-
PETROCHEMICALS	4H	2,168	477	354.5%	1,358	59.6%	6,900	10,896	-36.7%
PETROCHEMICALS	4I	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	4J	100	1,065	-90.6%	275	-63.6%	2,825	5,520	-48.8%
PETROCHEMICALS	4K	800	480	66.7%	200	300.0%	1,200	1,380	-13.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	18	495	-96.4%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	300	0	0.0%
PGE CITYGATE PIPE SWAP	CW	0	0	0.0%	0	-	0	0	0.0%
PJM CALENDAR STRIP	6O	0	0	0.0%	0	-	0	0	0.0%
PJM ELECTRIC	6OO	0	0	0.0%	0	-	0	0	0.0%
PJM MONTHLY	JO	0	0	0.0%	0	0.0%	0	0	0.0%

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<b>Energy Options</b>									
PJM WES HUB PEAK CAL MTH	6OA	100	0	0.0%	260	-61.5%	3,910	590	562.7%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0.0%	0	10,300	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	44	0	0.0%	540	-91.9%	12,669	9,211	37.5%
RBOB 1MO CAL SPD OPTIONS	ZA	850	0	0.0%	2,050	-58.5%	4,908	3,400	44.4%
RBOB CALENDAR SWAP	RA	0	150	-100.0%	225	-100.0%	2,360	6,249	-62.2%
RBOB PHY	OB	32,065	29,903	7.2%	40,951	-21.7%	251,864	344,607	-26.9%
RBOB PHY	RF	875	0	0.0%	0	0.0%	960	20	4,700.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	520	-100.0%
SAN JUAN PIPE SWAP	PJ	900	720	25.0%	0	0.0%	2,880	8,568	-66.4%
SHORT TERM	U11	1,550	0	0.0%	950	63.2%	5,790	2,250	157.3%
SHORT TERM	U12	800	200	300.0%	0	0.0%	4,479	3,530	26.9%
SHORT TERM	U13	210	350	-40.0%	0	0.0%	2,295	3,761	-39.0%
SHORT TERM	U14	900	200	350.0%	750	20.0%	3,355	4,625	-27.5%
SHORT TERM	U15	650	525	23.8%	490	32.7%	4,725	3,125	51.2%
SHORT TERM	U22	1,305	400	226.3%	0	0.0%	2,882	3,275	-12.0%
SHORT TERM	U23	0	600	-100.0%	50	-100.0%	1,072	1,680	-36.2%
SHORT TERM	U24	0	0	0.0%	600	-100.0%	2,570	1,780	44.4%
SHORT TERM	U25	350	0	0.0%	90	288.9%	740	505	46.5%
SHORT TERM	U26	0	350	-100.0%	0	0.0%	292	1,580	-81.5%
SHORT TERM CRUDE OIL	C02	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	1,025	-100.0%	3,315	3,375	-1.8%
SHORT TERM NATURAL GAS	U02	558	250	123.2%	500	11.6%	3,483	3,500	-0.5%
SHORT TERM NATURAL GAS	U03	0	675	-100.0%	100	-100.0%	2,220	1,620	37.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	140	-100.0%	870	4,100	-78.8%
SHORT TERM NATURAL GAS	U05	3,565	0	0.0%	0	0.0%	6,790	2,725	149.2%
SHORT TERM NATURAL GAS	U06	1,410	575	145.2%	0	0.0%	7,035	2,505	180.8%
SHORT TERM NATURAL GAS	U07	200	0	0.0%	150	33.3%	3,285	3,500	-6.1%
SHORT TERM NATURAL GAS	U08	600	0	0.0%	485	23.7%	4,470	3,222	38.7%
SHORT TERM NATURAL GAS	U09	0	850	-100.0%	900	-100.0%	3,600	4,842	-25.7%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	665	-100.0%	5,552	3,995	39.0%
SHORT TERM NATURAL GAS	U16	0	300	-100.0%	1,550	-100.0%	3,670	3,610	1.7%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	375	-100.0%	3,304	955	246.0%
SHORT TERM NATURAL GAS	U18	150	0	0.0%	550	-72.7%	1,187	2,805	-57.7%
SHORT TERM NATURAL GAS	U19	500	100	400.0%	0	0.0%	4,185	1,380	203.3%
SHORT TERM NATURAL GAS	U20	425	350	21.4%	0	0.0%	3,230	1,380	134.1%
SHORT TERM NATURAL GAS	U21	825	100	725.0%	100	725.0%	2,724	675	303.6%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Options</b>									
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	1,870	900	107.8%
SHORT TERM NATURAL GAS	U28	1,650	0	0.0%	0	0.0%	3,255	3,275	-0.6%
SHORT TERM NATURAL GAS	U29	25	200	-87.5%	150	-83.3%	435	2,725	-84.0%
SHORT TERM NATURAL GAS	U30	0	100	-100.0%	365	-100.0%	3,420	950	260.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	100	-100.0%	5,750	850	576.5%
SINGAPORE FUEL OIL 180 CS	C5	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALENDAR	N2	0	0	0.0%	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	ZN	0	1,200	-100.0%	0	0.0%	0	11,200	-100.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	65,147	8,150	699.3%	31,718	105.4%	334,339	160,200	108.7%
WTI CRUDE OIL 1 M CSO FI	7A	65,750	67,430	-2.5%	91,000	-27.7%	539,700	1,322,723	-59.2%
<b>Metals Futures</b>									
COMEX GOLD	GC	7,184,103	4,022,560	78.6%	6,808,814	5.5%	52,326,750	43,119,546	21.4%
NYMEX HOT ROLLED STEEL	HR	7,495	4,506	66.3%	7,316	2.4%	45,993	42,708	7.7%
NYMEX PLATINUM	PL	528,953	456,092	16.0%	394,884	34.0%	3,557,404	2,907,822	22.3%
PALLADIUM	PA	80,618	88,440	-8.8%	164,153	-50.9%	1,089,363	1,032,125	5.5%
URANIUM	UX	17	200	-91.5%	232	-92.7%	4,474	6,693	-33.2%
COMEX SILVER	SI	1,730,400	1,290,090	34.1%	2,604,660	-33.6%	17,280,931	13,541,230	27.6%
COMEX E-Mini GOLD	QO	9,049	9,810	-7.8%	6,863	31.9%	75,000	98,442	-23.8%
COMEX E-Mini SILVER	QI	419	1,068	-60.8%	795	-47.3%	7,613	11,246	-32.3%
COMEX COPPER	HG	2,309,536	1,294,011	78.5%	2,944,987	-21.6%	19,295,254	15,060,897	28.1%
COMEX MINY COPPER	QC	401	271	48.0%	674	-40.5%	6,554	4,804	36.4%
ALUMINUM	A38	0	0	0.0%	0	0.0%	30	71	-57.7%
ALUMINUM	AEP	804	170	372.9%	4,140	-80.6%	22,733	9,139	148.7%
ALUMINUM	ALA	2,910	0	-	1,990	46.2%	5,350	0	-
ALUMINUM	ALI	159	547	-70.9%	53	200.0%	5,715	5,609	1.9%
ALUMINUM	AUP	4,614	5,122	-9.9%	7,446	-38.0%	63,732	53,484	19.2%
ALUMINUM	EDP	240	849	-71.7%	4,200	-94.3%	8,970	4,919	82.4%
ALUMINUM	MJP	1,599	0	0.0%	1,710	-6.5%	11,648	5,523	110.9%
COPPER	HGS	100	75	33.3%	433	-76.9%	1,518	3,376	-55.0%
E-MICRO GOLD	MGC	126,540	45,233	179.8%	107,277	18.0%	839,889	769,205	9.2%
FERROUS PRODUCTS	BUS	50	232	-78.4%	220	-77.3%	800	782	2.3%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Metals Futures</b>									
FERROUS PRODUCTS	SSF	0	0	0.0%	0	-	0	0	0.0%
GOLD	GPS	0	0	-	0	0.0%	1	0	-
Gold Kilo	GCK	294	3,914	-92.5%	294	0.0%	3,123	43,935	-92.9%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	580	0	0.0%	1,770	-67.2%	8,562	2,470	246.6%
IRON ORE 62 CHINA TSI FUTURES	TIO	4,556	12,704	-64.1%	7,147	-36.3%	82,612	149,151	-44.6%
LNDN ZINC	ZNC	10	0	0.0%	0	0.0%	95	200	-52.5%
METALS	LED	0	10	-100.0%	0	0.0%	0	25	-100.0%
SILVER	SIL	5,614	7,214	-22.2%	10,988	-48.9%	53,419	77,976	-31.5%
<b>Metals Options</b>									
COMEX COPPER	HX	17,787	3,987	346.1%	10,432	70.5%	56,808	26,652	113.1%
COMEX GOLD	OG	1,030,993	642,991	60.3%	999,947	3.1%	7,602,382	7,030,876	8.1%
COMEX SILVER	SO	130,003	135,144	-3.8%	172,149	-24.5%	1,113,658	1,061,115	5.0%
COPPER	H4E	0	0	0.0%	0	-	0	0	0.0%
GOLD	OG1	2,819	742	279.9%	5,224	-46.0%	27,236	9,598	183.8%
GOLD	OG2	1,552	990	56.8%	7,405	-79.0%	29,003	10,227	183.6%
GOLD	OG3	3,797	1,203	215.6%	3,860	-1.6%	32,747	8,146	302.0%
GOLD	OG4	2,937	282	941.5%	2,367	24.1%	16,538	5,130	222.4%
GOLD	OG5	3,840	518	641.3%	0	0.0%	9,631	2,954	226.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	2,620	480	445.8%	4,750	-44.8%	15,822	35,989	-56.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	1,960	5,060	-61.3%	4,500	-56.4%	23,655	29,246	-19.1%
NYMEX PLATINUM	PO	2,533	5,775	-56.1%	4,345	-41.7%	24,830	40,263	-38.3%
PALLADIUM	PAO	3,938	2,756	42.9%	13,455	-70.7%	49,316	29,154	69.2%
SILVER	SO1	0	122	-100.0%	19	-100.0%	542	144	276.4%
SILVER	SO2	0	45	-100.0%	6	-100.0%	194	46	321.7%
SILVER	SO3	8	84	-90.5%	10	-20.0%	585	284	106.0%
SILVER	SO4	14	52	-73.1%	0	0.0%	128	72	77.8%
SILVER	SO5	1	244	-99.6%	0	0.0%	4	250	-98.4%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME SEP 2017	VOLUME SEP 2016	% CHG	VOLUME AUG 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>TOTAL FUTURES GROUP</b>								
Commodities and Alternative Investments Futures	5	569	-99.1%	3	66.7%	181	3,694	-95.1%
Energy Futures	47,532,621	44,574,892	6.6%	58,099,638	-18.2%	429,038,693	389,677,919	10.1%
Metals Futures	11,999,061	7,243,118	65.7%	13,081,046	-8.3%	94,797,533	76,951,378	23.2%
<b>TOTAL FUTURES</b>	<b>59,531,687</b>	<b>51,818,579</b>	<b>14.9%</b>	<b>71,180,687</b>	<b>-16.4%</b>	<b>523,836,407</b>	<b>466,632,991</b>	<b>12.3%</b>
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	5,736,630	6,631,197	-13.5%	6,058,462	-5.3%	60,932,302	60,069,387	1.4%
Metals Options	1,204,802	800,475	50.5%	1,228,469	-1.9%	9,003,079	8,290,146	8.6%
<b>TOTAL OPTIONS</b>	<b>6,941,432</b>	<b>7,431,672</b>	<b>-6.6%</b>	<b>7,286,931</b>	<b>-4.7%</b>	<b>69,935,381</b>	<b>68,359,533</b>	<b>2.3%</b>
<b>TOTAL COMBINED</b>								
Commodities and Alternative Investments	5	569	-99.1%	3	66.7%	181	3,694	-95.1%
Energy	53,269,251	51,206,089	4.0%	64,158,100	-17.0%	489,970,995	449,747,306	8.9%
Metals	13,203,863	8,043,593	64.2%	14,309,515	-7.7%	103,800,612	85,241,524	21.8%
<b>GRAND TOTAL</b>	<b>66,473,119</b>	<b>59,250,251</b>	<b>12.2%</b>	<b>78,467,618</b>	<b>-15.3%</b>	<b>593,771,788</b>	<b>534,992,524</b>	<b>11.0%</b>