

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC		%	CME	CME	%	Open	Open		ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry JUN 2017	Outcry JUN 2016	CHG	JUN 2017	JUN 2016	CHG	ClearPort JUN 2017	ClearPort JUN 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Commodities and Alternative Investments																			
Futures																			
COCOA TAS	CJ	0	0	0.0%	7	252	-0.97	0	0	0.0%	0	0	0.0%	81	1,335	-93.9%	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	52	-1	0	0	0.0%	0	0	0.0%	40	131	-69.5%	0	0	0.0%
COTTON	TT	0	0	0.0%	1	38	-0.97	0	0	0.0%	0	0	0.0%	15	346	-95.7%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	7	42	-0.83	0	0	0.0%	0	0	0.0%	32	324	-90.1%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	3,365	-100.0%	28,579,494	20,217,609	0.41	561,089	553,806	1.3%	0	17,800	-100.0%	143,845,493	132,039,742	8.9%	3,417,531	4,011,775	-14.8%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	3,750	-100.0%	0	0	0.0%	204	0	0.0%	33,075	75,952	-56.5%
MINY WTI CRUDE OIL	QM	0	0	0.0%	307,971	257,814	0.19	0	0	0.0%	0	0	0.0%	1,560,963	1,830,193	-14.7%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	44	-100.0%	2,151,960	1,698,495	0.27	12,628	20,301	-37.8%	0	44	-100.0%	12,219,903	12,467,045	-2.0%	124,639	116,879	6.6%
HEATING OIL PHY	HO	0	58	-100.0%	3,411,987	3,203,642	0.07	230,309	178,964	28.7%	0	686	-100.0%	19,261,118	17,928,410	7.4%	1,492,921	1,306,033	14.3%
HTG OIL	BH	0	0	0.0%	48	0	0	0	0	0.0%	0	0	0.0%	84	0	0.0%	48	5,202	-99.1%
MINY HTG OIL	QH	0	0	0.0%	1	11	-0.91	0	0	0.0%	0	0	0.0%	14	51	-72.5%	0	0	0.0%
RBOB PHY	RB	0	97	-100.0%	4,128,751	4,043,424	0.02	325,609	218,653	48.9%	0	421	-100.0%	23,307,136	21,166,816	10.1%	1,774,843	1,057,532	67.8%
MINY RBOB GAS	QU	0	0	0.0%	4	4	0	0	0	0.0%	0	0	0.0%	28	24	16.7%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	53,019	24,855	1.13	123,014	158,187	-22.2%	0	800	-100.0%	222,349	70,076	217.3%	728,070	647,333	12.5%
LTD NAT GAS	HH	0	0	0.0%	173,579	93,024	0.87	185,731	143,032	29.9%	0	0	0.0%	716,048	453,218	58.0%	1,103,008	973,720	13.3%
MINY NATURAL GAS	QG	0	0	0.0%	20,763	25,486	-0.19	0	0	0.0%	0	0	0.0%	168,024	149,349	12.5%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	180	-100.0%	0	0	0.0%	0	0	0.0%	120	2,858	-95.8%
NATURAL GAS PHY	NG	0	53	-100.0%	8,930,673	8,631,240	0.03	264,353	241,911	9.3%	0	1,483	-100.0%	51,310,959	44,120,311	16.3%	1,817,028	1,310,604	38.6%
RBOB GAS	RT	0	0	0.0%	0	0	0	2,510	984	155.1%	0	0	0.0%	0	0	0.0%	10,770	7,375	46.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	0	131	-100.0%	0	0	0.0%	0	0	0.0%	872	1,630	-46.5%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	170	165	3.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,160	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	0	536	-100.0%	0	0	0.0%	0	0	0.0%	0	3,829	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0	0	0	123	-100.0%	0	0	0.0%	0	0	0.0%	0	3,291	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	130	-100.0%

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Energy Futures																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	3,065	14,079	-78.2%	0	0	0.0%	60	0	0.0%	36,515	83,385	-56.2%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	2,757	1,713	60.9%	0	0	0.0%	0	0	0.0%	9,554	9,322	2.5%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	818	1,276	-35.9%	0	0	0.0%	0	0	0.0%	5,757	6,189	-7.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	0	201	-100.0%	0	0	0.0%	0	0	0.0%	993	2,742	-63.8%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	288	770	-62.6%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	644	2,068	-68.9%	0	0	0.0%	0	0	0.0%	12,961	13,998	-7.4%
BRENT CFD SWAP	6W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	16,120	72	22,288.9%	0	0	0.0%	0	0	0.0%	40,176	1,827	2,099.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	1,424	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	120	0	0.0%	0	0	0.0%	0	0	0.0%	120	308	-61.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	7,940	-	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	0	-	-
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	165	2,365	-93.0%	0	0	0.0%	0	0	0.0%	6,984	13,095	-46.7%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	72	-100.0%	0	0	0.0%	0	0	0.0%	534	9,044	-94.1%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CENTER POINT NAT GAS FIXED	DAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	142	2,047	-0.93	87,938	122,469	-28.2%	0	0	0.0%	1,389	7,375	-81.2%	721,318	569,491	26.7%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	50	85	-41.2%	0	0	0.0%	0	0	0.0%	882	1,377	-35.9%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,600	-100.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	5,980	-100.0%	0	0	0.0%	0	0	0.0%	186	48,437	-99.6%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	720	930	-22.6%
CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	182,680	162,920	12.1%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	1,912	5,468	-65.0%	0	0	0.0%	0	0	0.0%	12,813	16,848	-23.9%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	3,720	113,760	-96.7%	0	0	0.0%	0	0	0.0%	276,760	798,224	-65.3%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	1,700	5,690	-70.1%	0	0	0.0%	0	0	0.0%	22,770	56,106	-59.4%
COAL SWAP	ACM	0	0	0.0%	0	0	0	95	0	0.0%	0	0	0.0%	0	0	0.0%	1,155	1,670	-30.8%
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	137	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	670	-100.0%	0	0	0.0%	0	0	0.0%	0	14,178	-100.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,208	-100.0%

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Energy Futures																			
COLUMBIA GULF NAT GAS FIXE	DCE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,108	-100.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	460	155	196.8%	0	0	0.0%	0	0	0.0%	1,547	1,185	30.5%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	170	60	183.3%	0	0	0.0%	0	0	0.0%	4,924	414	1,089.4%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	8,387	4,689	78.9%	0	0	0.0%	39	0	0.0%	50,385	34,467	46.2%
CRUDE OIL	CHB	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
CRUDE OIL	LPS	0	0	0.0%	1	0	0	2,433	4,635	-47.5%	0	0	0.0%	1	0	0.0%	21,530	31,362	-31.4%
CRUDE OIL OUTRIGHTS	37	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	110	12	816.7%	0	0	0.0%	0	0	0.0%	3,755	443	747.6%
CRUDE OIL OUTRIGHTS	CC5	0	-	-	0	-		270	-	-	0	-	-	0	-	-	600	-	-
CRUDE OIL OUTRIGHTS	CSN	0	-	-	0	-		0	-	-	0	-	-	0	-	-	30	-	-
CRUDE OIL OUTRIGHTS	CSW	0	-	-	0	-		450	-	-	0	-	-	0	-	-	1,480	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	150	400	-62.5%	0	0	0.0%	0	0	0.0%	950	450	111.1%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	-	-	0	-		0	-	-	0	-	-	0	-	-	110	-	-
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	13,153	800	1,544.1%	0	0	0.0%	0	0	0.0%	57,435	4,062	1,314.0%
CRUDE OIL OUTRIGHTS	LSW	0	-	-	0	-		210	-	-	0	-	-	0	-	-	240	-	-
CRUDE OIL OUTRIGHTS	SSW	0	-	-	0	-		120	-	-	0	-	-	0	-	-	345	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	425	1,725	-75.4%	0	0	0.0%	0	0	0.0%	24,122	32,359	-25.5%
CRUDE OIL OUTRIGHTS	WCW	0	-	-	0	-		9,080	-	-	0	-	-	0	-	-	19,015	-	-
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	325	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	5,870	4,270	37.5%	0	0	0.0%	50	0	0.0%	32,789	9,207	256.1%
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,720	-100.0%

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Energy Futures																			
DAILY PJM	ZAO	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	7G	0	0	0.0%	0	0	0	1,400	0	0.0%	0	0	0.0%	0	0	0.0%	1,400	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	1,575	1,600	-1.6%	0	0	0.0%	0	0	0.0%	7,020	9,710	-27.7%
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	620	-100.0%	0	0	0.0%	0	0	0.0%	0	800	-100.0%
DEMARC SWING SWAP	DT	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
DIESEL10PPM BARG VS ICE LS	LSE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DLY GAS EURO-BOB OXY	GBR	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	0	3,142	-100.0%	0	0	0.0%	0	0	0.0%	0	17,107	-100.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	91	-1	670	23,618	-97.2%	0	0	0.0%	0	91	-100.0%	42,435	123,718	-65.7%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	9,450	1,555	507.7%	0	0	0.0%	0	0	0.0%	61,339	6,605	828.7%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,500	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	411	2,340	-82.4%	0	0	0.0%	0	0	0.0%	4,215	7,567	-44.3%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	60	55	9.1%	0	0	0.0%	0	0	0.0%	1,245	111	1,021.6%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	854	479	78.3%	0	0	0.0%	0	0	0.0%	5,444	6,900	-21.1%
ELEC ERCOT DLY OFF PK	R4	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	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	0.0%	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
ELEC WEST POWER PEAK	MDC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	1,540	-	-

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Energy Futures																			
EL PASO PERMIAN INDEX SWA	IL	0	0	0.0%	0	0	0	0	620	-100.0%	0	0	0.0%	0	0	0.0%	0	992	-100.0%
EMMISSIONS	CPL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT HOUSTON Z MCPE 5M	I1	0	-	-	0	-		1,260	-	-	0	-	-	0	-	-	1,680	-	-
ERCOT NORTH ZMCPE 5MW OF	I8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	I6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	14,720	4,280	243.9%
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	1,260	0	0.0%	0	0	0.0%	0	0	0.0%	2,510	235	968.1%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	6,611	1,986	232.9%	0	0	0.0%	0	0	0.0%	24,153	13,572	78.0%
EU LOW SULPHUR GASOIL CRA	LSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	18	210	-91.4%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	336	262	28.2%	0	0	0.0%	0	0	0.0%	3,250	1,939	67.6%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	1,007	628	60.4%	0	0	0.0%	0	0	0.0%	3,283	3,636	-9.7%
EURO-DENOMINATED PETRO P	IBE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NCP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,340	70	1,814.3%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	80	75	6.7%	0	0	0.0%	0	0	0.0%	278	375	-25.9%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	10	20	-50.0%	0	0	0.0%	0	0	0.0%	663	777	-14.7%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	26	114	-77.2%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	0	188	-100.0%	0	0	0.0%	0	0	0.0%	1,159	2,272	-49.0%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	7,080	7,782	-9.0%	0	0	0.0%	0	0	0.0%	54,139	40,229	34.6%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	4,926	153,919	-0.97	0	0	0.0%	0	0	0.0%	20,220	1,442,301	-98.6%	0	77,400	-100.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	644	169	281.1%	0	0	0.0%	0	0	0.0%	2,479	898	176.1%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	5,581	6,969	-19.9%	0	0	0.0%	0	0	0.0%	43,817	27,198	61.1%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	8,600	-100.0%	0	0	0.0%	0	0	0.0%	416	22,858	-98.2%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	38	57.9%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	2,895	1,655	74.9%	0	0	0.0%	0	0	0.0%	16,578	7,364	125.1%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,277	1,726	-26.0%	0	0	0.0%	0	0	0.0%	7,153	7,166	-0.2%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	0.0%	0	0	0	0	8,310	-100.0%	0	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	482	-100.0%	0	0	0.0%	0	0	0.0%	0	1,308	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	315	287	9.8%	0	0	0.0%	0	0	0.0%	701	1,444	-51.5%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	9,040	3,241	178.9%	0	0	0.0%	0	0	0.0%	30,059	23,545	27.7%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	161	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	54	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	614	19	3,131.6%	0	0	0.0%	0	0	0.0%	2,091	2,542	-17.7%

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Commodity Indicator		Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	6,402	6,405	0.0%	0	0	0.0%	0	0	0.0%	44,691	45,491	-1.8%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	16,334	14,103	15.8%	0	0	0.0%	0	0	0.0%	118,273	88,113	34.2%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED BALMO	X6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	80	-37.5%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0	0.0%	0	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	30	0	0.0%	0	0	0.0%	0	0	0.0%	150	55	172.7%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	80	0	0.0%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	0	294	-100.0%	0	0	0.0%	0	0	0.0%	460	428	7.5%
GASOIL BULLET SWAP	BG	0	-	-	0	-		30	-	-	0	-	-	0	-	-	30	-	-
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	0	12	-100.0%	0	0	0.0%	0	0	0.0%	241	244	-1.2%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	12,510	8,270	51.3%	0	0	0.0%	0	0	0.0%	50,575	28,661	76.5%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	73	333	-78.1%	0	0	0.0%	0	0	0.0%	980	1,697	-42.3%
GASOLINE UP-DOWN BALMO S	1K	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	2,428	2,778	-12.6%	0	0	0.0%	0	0	0.0%	15,749	13,563	16.1%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	75	2,250	-96.7%	0	0	0.0%	0	0	0.0%	3,229	7,865	-58.9%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	2,253	192	1,073.4%	0	0	0.0%	0	0	0.0%	8,196	5,035	62.8%
GULF COAST GASOLINE CLND	GS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	0	352	-100.0%	0	0	0.0%	0	0	0.0%	546	941	-42.0%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	41,623	37,220	11.8%	0	0	0.0%	0	0	0.0%	268,097	198,209	35.3%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	41,510	42,917	-3.3%	0	0	0.0%	0	0	0.0%	334,721	344,257	-2.8%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	1,961	696	181.8%	0	0	0.0%	0	0	0.0%	9,420	5,134	83.5%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	838	457	83.4%	0	0	0.0%	0	3	-100.0%	3,468	4,967	-30.2%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	630	1,731	-63.6%	0	0	0.0%	0	0	0.0%	2,170	5,931	-63.4%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	730	295	147.5%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%

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Energy Futures																			
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	31	-1	2,046	5,642	-63.7%	0	0	0.0%	2,996	31	9,564.5%	45,304	138,848	-67.4%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	2,046	5,332	-61.6%	0	0	0.0%	2,996	0	0.0%	43,726	131,361	-66.7%
HENRY HUB SWAP	NN	0	0	0.0%	6,982	175,545	-0.96	120,211	181,667	-33.8%	0	1,472	-100.0%	59,659	1,188,489	-95.0%	894,203	1,624,243	-44.9%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	290	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	2,711	-100.0%	0	0	0.0%	0	0	0.0%	2,064	22,808	-91.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	3,920	0	0.0%	0	0	0.0%	0	0	0.0%	69,063	10	690,530.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	0	3,100	-100.0%	0	0	0.0%	0	225	-100.0%	2,850	25,626	-88.9%
INDIANA MISO	FAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FDM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	0	0.0%	0	0	0	0	85	-100.0%	0	0	0.0%	0	0	0.0%	5	155	-96.8%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	20	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	1,473	112	1,215.2%	0	0	0.0%	0	0	0.0%	3,813	2,253	69.2%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,906	1,309	45.6%	0	0	0.0%	0	0	0.0%	10,611	7,171	48.0%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	63	0	0.0%	0	0	0.0%	0	0	0.0%	1,224	290	322.1%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	12	0	0.0%	0	0	0.0%	0	0	0.0%	12	80	-85.0%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	173	180	-3.9%	0	0	0.0%	0	0	0.0%	695	616	12.8%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	30	-33.3%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	7,629	1,150	563.4%	0	0	0.0%	0	0	0.0%	46,116	20,222	128.0%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	25	730	-96.6%	0	0	0.0%	0	0	0.0%	1,070	4,892	-78.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	425	900	-52.8%	0	0	0.0%	0	0	0.0%	1,550	5,250	-70.5%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry JUN 2017	Outcry JUN 2016	% CHG	JUN 2017	JUN 2016	CHG	ClearPort JUN 2017	ClearPort JUN 2016	CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	25	760	-96.7%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	2,375	2,600	-8.7%	0	0	0.0%	0	0	0.0%	11,085	11,347	-2.3%
LLS (ARGUS) CALENDAR SWAP	XA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	465	1,380	-66.3%	0	0	0.0%	15	0	0.0%	22,550	42,155	-46.5%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	300	1,910	-84.3%	0	0	0.0%	0	0	0.0%	16,021	32,323	-50.4%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	13,825	10,847	27.5%	0	0	0.0%	0	0	0.0%	121,584	55,659	118.4%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	613	4,760	-87.1%	0	0	0.0%	200	0	0.0%	11,028	11,514	-4.2%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	0	0	0	43,678	202,836	-78.5%	0	0	0.0%	0	0	0.0%	316,899	1,187,653	-73.3%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	4,970	18,165	-72.6%	0	0	0.0%	0	0	0.0%	36,664	129,710	-71.7%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	197	100	97.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	132	85	55.3%	0	0	0.0%	0	0	0.0%	754	888	-15.1%
MICHCON NG INDEX SWAP	Y8	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
MICHIGAN BASIS	NF	0	0	0.0%	0	182	-1	0	703	-100.0%	0	0	0.0%	0	182	-100.0%	2,592	13,282	-80.5%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	59,040	127,640	-53.7%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,195	7,240	-55.9%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	901	371	142.9%	0	0	0.0%	0	0	0.0%	3,172	2,229	42.3%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	420	0	0.0%	0	0	0.0%	0	0	0.0%	2,545	696	265.7%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	2,444	838	191.6%	0	0	0.0%	0	0	0.0%	14,779	6,734	119.5%
MJB FUT	MJB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MJC FUT	MJC	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	670	449	49.2%
MNC FUT	MNC	0	0	0.0%	0	0	0	4,750	3,349	41.8%	0	0	0.0%	0	0	0.0%	27,262	22,329	22.1%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	12,600	45,306	-72.2%	0	0	0.0%	0	0	0.0%	161,808	239,299	-32.4%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	100	60	66.7%	0	0	0.0%	0	0	0.0%	2,272	540	320.7%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	14	7	1	68,603	157,380	-56.4%	0	0	0.0%	144	47	206.4%	543,074	625,895	-13.2%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	1,099	2,255	-51.3%	0	0	0.0%	0	0	0.0%	11,310	5,041	124.4%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	3,764	7,297	-48.4%	0	0	0.0%	0	0	0.0%	26,558	53,353	-50.2%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	217	390	-44.4%	0	0	0.0%	0	0	0.0%	1,638	1,328	23.3%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	24,222	19,746	22.7%	0	0	0.0%	0	0	0.0%	172,058	136,547	26.0%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	397	1,332	-70.2%	0	0	0.0%	0	0	0.0%	4,987	4,319	15.5%
NAT GAS BASIS SWAP	SGW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0	0	0	8,821	-100.0%	0	0	0.0%	0	0	0.0%	1,737	22,203	-92.2%
NATURAL GAS	HBI	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS	XIC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	44	-	-
NATURAL GAS	XSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Commodity Indicator		Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
NATURAL GAS FIXED PRICE S	CFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	DSF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	MFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	PFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	WFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	Z5P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	ZTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	656	4,990	-86.9%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	87,654	127,221	-31.1%	0	92	-100.0%	51	0	0.0%	569,931	660,061	-13.7%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	11,925	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	635	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	23,400	-100.0%	0	0	0.0%	0	0	0.0%	221,100	127,197	73.8%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	1,600	6,358	-74.8%	0	0	0.0%	0	0	0.0%	14,980	13,668	9.6%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	640	-100.0%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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	0	0.0%	0	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	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	525	1,125	-53.3%	0	0	0.0%	0	0	0.0%	3,710	10,550	-64.8%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0	0	0	1,166	-100.0%	0	0	0.0%	0	0	0.0%	1,144	21,976	-94.8%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	0	1,457	-100.0%	0	0	0.0%	0	0	0.0%	0	6,607	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	0	0.0%	0	0	0	0	620	-100.0%	0	0	0.0%	0	0	0.0%	0	620	-100.0%
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	1,208	951	27.0%	0	0	0.0%	0	0	0.0%	2,768	21,524	-87.1%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Energy Futures																			
NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	3,560	2,375	49.9%
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,595	-100.0%
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	564	-100.0%	0	0	0.0%	0	0	0.0%	84	5,792	-98.5%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	62	-1	368	11,389	-96.8%	0	0	0.0%	0	122	-100.0%	1,350	120,873	-98.9%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	2,612	1,700	53.6%	0	0	0.0%	0	0	0.0%	14,387	13,183	9.1%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	0	220	-100.0%	0	0	0.0%	0	0	0.0%	0	409	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	100	300	-66.7%	0	0	0.0%	0	0	0.0%	3,085	1,100	180.5%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	30	-16.7%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	0	2,156	3,028	-28.8%	0	24	-100.0%	3	3	0.0%	14,331	16,463	-13.0%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	1,100	575	91.3%	0	0	0.0%	0	0	0.0%	4,048	4,256	-4.9%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	683	1,848	-63.0%	0	0	0.0%	0	0	0.0%	16,545	22,644	-26.9%
NY HARBOR RESIDUAL FUEL C	ML	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	1,035	703	47.2%	0	0	0.0%	0	0	0.0%	9,410	10,943	-14.0%
NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	0	72	-100.0%	0	0	0.0%	0	0	0.0%	207	72	187.5%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	40	260	-84.6%	0	0	0.0%	0	0	0.0%	1,470	1,197	22.8%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	204	672	-69.6%	0	0	0.0%	0	0	0.0%	1,264	1,808	-30.1%
NYISO G	KG	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO J	KJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	172	-100.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0	15,920	-100.0%	0	0	0.0%	0	0	0.0%	9,360	231,440	-96.0%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,815	640	964.8%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0	0	0	54,290	-100.0%	0	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	0	1,512	-100.0%	0	0	0.0%	0	0	0.0%	110	1,512	-92.7%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	327,600	3,850	8,409.1%	0	0	0.0%	0	0	0.0%	648,480	284,600	127.9%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	9,125	6,780	34.6%	0	0	0.0%	0	0	0.0%	44,715	22,029	103.0%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	46,800	0	0.0%	0	0	0.0%	0	0	0.0%	226,600	102,952	120.1%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	2,750	0	0.0%	0	0	0.0%	0	0	0.0%	19,745	7,767	154.2%
NY JET FUEL (PLATTS) HEAT OI	1U	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry		JUN	JUN		ClearPort	ClearPort		Outcry	Outcry		Y.T.D	Y.T.D		ClearPort	ClearPort	
Indicator		JUN	JUN	%	2017	2016	CHG	JUN 2017	JUN 2016	CHG	Y.T.D	Y.T.D	CHG	2017	2016	CHG	Y.T.D	Y.T.D	% CHG
		2017	2016																
Energy Futures																			
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	327	30	990.0%	0	0	0.0%	0	0	0.0%	7,691	2,708	184.0%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	945	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	160	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,750	-100.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	230	100	130.0%	0	0	0.0%	0	0	0.0%	425	215	97.7%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	440	47.7%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	30	-1	0	4,204	-100.0%	0	0	0.0%	0	30	-100.0%	48	51,331	-99.9%
PANHANDLE INDEX SWAP FUT	IV	0	0	0.0%	0	0	0	0	1,922	-100.0%	0	0	0.0%	0	0	0.0%	0	2,480	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	864	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	0	4,018	-100.0%	0	0	0.0%	0	0	0.0%	214	22,502	-99.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	42	39	7.7%	0	0	0.0%	0	0	0.0%	450	354	27.1%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	115	54	113.0%	0	0	0.0%	0	0	0.0%	711	336	111.6%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	683	153	346.4%	0	0	0.0%	0	0	0.0%	3,869	1,057	266.0%
PETROCHEMICALS	9I	0	0	0.0%	0	0	0	210	140	50.0%	0	0	0.0%	0	0	0.0%	1,286	1,038	23.9%
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	48	-100.0%
PETROCHEMICALS	LPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	110	-54.5%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	10	45	-77.8%	0	0	0.0%	0	0	0.0%	30	265	-88.7%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	10	35	-71.4%	0	0	0.0%	0	0	0.0%	155	845	-81.7%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	1,580	2,425	-34.8%	0	0	0.0%	0	0	0.0%	6,825	15,320	-55.5%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	2,220	3,215	-30.9%	0	0	0.0%	0	0	0.0%	8,690	11,502	-24.4%
PETROCHEMICALS	MPS	0	-	-	0	-		0	-	-	0	-	-	0	-	-	10	-	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	37	0	0.0%	0	0	0.0%	0	0	0.0%	142	1,050	-86.5%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	264	64	312.5%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	740	0	0.0%	0	0	0.0%	0	0	0.0%	890	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	15	115	-87.0%	0	0	0.0%	0	0	0.0%	795	493	61.3%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	1,903	1,696	12.2%	0	0	0.0%	0	0	0.0%	16,243	8,748	85.7%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	1,613	1,375	17.3%	0	0	0.0%	0	0	0.0%	5,703	4,275	33.4%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	1,280	730	75.3%	0	0	0.0%	0	0	0.0%	4,685	1,130	314.6%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	800	1,325	-39.6%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	774	724	6.9%	0	0	0.0%	0	0	0.0%	8,235	4,137	99.1%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	42	0	0.0%	0	0	0.0%	0	0	0.0%	42	35	20.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry JUN 2017	Outcry JUN 2016	% CHG	JUN 2017	JUN 2016	CHG	ClearPort JUN 2017	ClearPort JUN 2016	CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	6,487	5,011	29.5%	0	0	0.0%	0	0	0.0%	41,384	46,093	-10.2%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	535	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	4,677	2,340	99.9%	0	0	0.0%	0	0	0.0%	16,979	25,447	-33.3%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	23	100	-77.0%	0	0	0.0%	0	0	0.0%	109	520	-79.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	225	75	200.0%	0	0	0.0%	0	0	0.0%	825	175	371.4%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	6,993	8,443	-17.2%	0	0	0.0%	0	0	0.0%	54,272	56,784	-4.4%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	15,125	8,416	79.7%	0	0	0.0%	0	0	0.0%	93,482	42,310	120.9%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	9	0	0.0%	0	0	0.0%	0	0	0.0%	15	34	-55.9%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	1,412	1,083	30.4%	0	0	0.0%	0	0	0.0%	8,043	10,646	-24.5%
PETRO CRK&SPRD EURO	1ND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	258	69	273.9%	0	0	0.0%	0	0	0.0%	1,519	931	63.2%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	2,242	2,207	1.6%	0	0	0.0%	0	0	0.0%	13,966	12,848	8.7%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	11	16	-31.3%	0	0	0.0%	0	0	0.0%	79	91	-13.2%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	402	417	-3.6%	0	0	0.0%	0	0	0.0%	2,405	1,438	67.2%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	2,174	1,956	11.1%	0	0	0.0%	0	0	0.0%	17,406	8,949	94.5%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	360	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	64	0	0.0%	0	0	0.0%	0	0	0.0%	739	760	-2.8%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	30	15	100.0%	0	0	0.0%	0	0	0.0%	65	69	-5.8%
PETRO CRK&SPRD EURO	LSU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	33	105	-68.6%	0	0	0.0%	0	0	0.0%	719	628	14.5%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	109	100	9.0%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	852	563	51.3%	0	0	0.0%	0	0	0.0%	6,326	1,992	217.6%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	155	105	47.6%
PETRO CRK&SPRD EURO	SFC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D44	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D45	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D46	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	D64	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
PETROLEUM PRODUCTS	D65	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	1,212	75	1,516.0%	0	0	0.0%	0	0	0.0%	16,724	550	2,940.7%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	80	531	-84.9%
PETROLEUM PRODUCTS	MGS	0	-	-	0	-		0	-	-	0	-	-	0	-	-	20	-	-
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	MME	0	-	-	0	-		0	-	-	0	-	-	0	-	-	20	-	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	1,363	-92.7%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	612	295	107.5%	0	0	0.0%	0	0	0.0%	1,411	1,179	19.7%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	26	0	0.0%	0	0	0.0%	0	0	0.0%	122	427	-71.4%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	2,576	1,410	82.7%	0	0	0.0%	0	0	0.0%	12,183	7,335	66.1%
PETROLEUM PRODUCTS ASIA	MSB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	25	-	-
PETRO OUTRIGHT EURO	0A	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	20	42	-52.4%	0	0	0.0%	0	0	0.0%	63	830	-92.4%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	106	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	2,337	4,579	-49.0%	0	0	0.0%	0	0	0.0%	15,292	27,355	-44.1%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	434	678	-36.0%	0	0	0.0%	0	0	0.0%	3,430	5,150	-33.4%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	772	2,313	-66.6%	0	0	0.0%	0	0	0.0%	7,851	6,751	16.3%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	20	200.0%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	80	204	-60.8%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	80	200	-60.0%	0	0	0.0%	0	0	0.0%	491	880	-44.2%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	462	747	-38.2%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	100	42	138.1%	0	0	0.0%	0	0	0.0%	630	767	-17.9%
PETRO OUTRIGHT EURO	7P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	480	246	95.1%	0	0	0.0%	0	0	0.0%	1,540	1,509	2.1%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	55	-100.0%
PETRO OUTRIGHT EURO	CBB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	42	-	-
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	192	92	108.7%	0	0	0.0%	0	0	0.0%	1,995	289	590.3%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	10	50	-80.0%	0	0	0.0%	0	0	0.0%	280	361	-22.4%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	326	90	262.2%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	30	10	200.0%	0	0	0.0%	0	0	0.0%	90	593	-84.8%
PETRO OUTRIGHT EURO	ESB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	6	-	-

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		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry JUN 2017	Outcry JUN 2016	% CHG	JUN 2017	JUN 2016	CHG	ClearPort JUN 2017	ClearPort JUN 2016	CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	861	303	184.2%	0	0	0.0%	0	0	0.0%	4,488	940	377.4%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	230	50	360.0%	0	0	0.0%	0	0	0.0%	380	84	352.4%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	1,874	2,573	-27.2%	0	0	0.0%	0	0	0.0%	5,547	8,062	-31.2%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	40	0.0%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	0	176	-100.0%	0	0	0.0%	0	0	0.0%	110	368	-70.1%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	375	90	316.7%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	0	0.0%
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	Y0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	96	465	-79.4%	0	0	0.0%	0	0	0.0%	854	947	-9.8%
PETRO OUTRIGHT NA	FOB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	50	3	1,566.7%
PETRO OUTRIGHT NA	GBA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%
PETRO OUTRIGHT NA	GUD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	270	0	0.0%	0	0	0.0%	0	0	0.0%	420	439	-4.3%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	3,052	1,805	69.1%	0	0	0.0%	0	0	0.0%	23,599	10,890	116.7%
PETRO OUTRIGHT NA	JTB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	300	-	-
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	26	78	-66.7%	0	0	0.0%	0	0	0.0%	161	168	-4.2%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	371	245	51.4%	0	0	0.0%	0	0	0.0%	4,064	4,009	1.4%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	7,100	14,130	-49.8%	0	0	0.0%	0	0	0.0%	63,992	59,879	6.9%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	165	180	-8.3%	0	0	0.0%	0	0	0.0%	190	480	-60.4%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	10	150	-93.3%	0	0	0.0%	0	0	0.0%	426	1,033	-58.8%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0	0	0	100	-100.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	0	73,584	-100.0%	0	0	0.0%	0	0	0.0%	264,125	949,040	-72.2%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	0	0	17,126	-100.0%	0	0	0.0%	0	0	0.0%	18,930	71,793	-73.6%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	46,800	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,550	0	0.0%

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		Open	Open		ELEC		%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry JUN 2017	Outcry JUN 2016	% CHG	JUN 2017	ELEC JUN 2016	CHG	ClearPort JUN 2017	ClearPort JUN 2016	CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,275	-100.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	85,390	187,200	-54.4%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,675	10,200	-54.2%
PJM DAILY	JD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	211,995	21,305	895.0%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	0	7,640	-100.0%	0	0	0.0%	0	0	0.0%	5,250	8,405	-37.5%
PJM DUQUESNE 5MW D AH PK	D5	-	0	0.0%	-	0	0	-	0	0.0%	-	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	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	2,525	17,185	-85.3%	0	0	0.0%	0	0	0.0%	75,935	41,968	80.9%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	39,290	239,400	-83.6%	0	0	0.0%	0	0	0.0%	1,631,740	939,957	73.6%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	0	192,216	-100.0%	0	0	0.0%	0	0	0.0%	661,967	498,438	32.8%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	0	10,347	-100.0%	0	0	0.0%	0	0	0.0%	37,751	23,842	58.3%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	140	-100.0%
PJM PECO ZONE5MW PEAK CA	4N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PEPCO DA OFF-PEAK	Q8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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	0	0.0%	0	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	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	31,840	-100.0%	0	0	0.0%	0	0	0.0%	7,500	449,330	-98.3%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	4,730	1,318	258.9%	0	0	0.0%	0	0	0.0%	6,070	22,278	-72.8%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	331,190	465,794	-28.9%	0	0	0.0%	0	0	0.0%	1,789,385	4,466,285	-59.9%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	36,015	57,786	-37.7%	0	0	0.0%	0	0	0.0%	162,429	389,520	-58.3%
PLASTICS	PGP	0	0	0.0%	0	0	0	785	310	153.2%	0	0	0.0%	0	0	0.0%	3,378	2,111	60.0%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	50	261	-80.8%	0	0	0.0%	0	0	0.0%	376	1,861	-79.8%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	20	97	-79.4%	0	0	0.0%	0	0	0.0%	120	261	-54.0%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	2	250.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	37	188	-80.3%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	311	798	-61.0%	0	0	0.0%	0	0	0.0%	3,807	2,277	67.2%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	6,303	8,440	-25.3%	0	0	0.0%	0	0	0.0%	47,450	59,220	-19.9%

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		Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	6,248	7,189	-13.1%	0	0	0.0%	5	0	0.0%	41,380	34,232	20.9%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	0	344	-100.0%	0	0	0.0%	0	0	0.0%	2,079	10,245	-79.7%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	619	294	110.5%	0	0	0.0%	0	0	0.0%	4,736	3,620	30.8%
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR S	RV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9,203	-100.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	1,665	2,236	-25.5%	0	0	0.0%	0	0	0.0%	12,470	8,947	39.4%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	736	-100.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	4,401	-100.0%	0	0	0.0%	0	0	0.0%	214	40,579	-99.5%
SAN JUAN PIPE SWAP	XX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	60	38	57.9%	0	0	0.0%	0	0	0.0%	372	367	1.4%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	136	155	-12.3%	0	0	0.0%	0	0	0.0%	1,244	873	42.5%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	9,859	7,991	23.4%	0	0	0.0%	0	0	0.0%	69,646	36,195	92.4%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	835	951	-12.2%	0	0	0.0%	0	0	0.0%	6,992	7,556	-7.5%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	394	904	-56.4%	0	0	0.0%	0	0	0.0%	4,846	3,273	48.1%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	30	95	-68.4%	0	0	0.0%	0	0	0.0%	803	1,515	-47.0%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	3,554	3,945	-9.9%	0	0	0.0%	0	0	0.0%	28,743	20,734	38.6%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	100	180	-44.4%	0	0	0.0%	0	0	0.0%	800	180	344.4%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	229	160	43.1%	0	0	0.0%	0	0	0.0%	1,948	347	461.4%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	6	0	0	8,079	3,973	103.3%	0	0	0.0%	36	0	0.0%	61,897	22,790	171.6%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	10,685	1,300	721.9%	0	0	0.0%	0	0	0.0%	57,914	10,500	451.6%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	24	0	0.0%	0	0	0.0%	0	0	0.0%	436	56	678.6%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	1,975	225	777.8%	0	0	0.0%	0	0	0.0%	13,530	3,305	309.4%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	65	150	-56.7%	0	0	0.0%	0	0	0.0%	6,949	2,590	168.3%
SINGAPORE JET KERO VS. GAS	ZO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	1,183	2,818	-58.0%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	11,981	9,360	28.0%	0	0	0.0%	5	0	0.0%	49,417	40,617	21.7%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
SINGAPORE NAPHTHA SWAP	SP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SING FUEL	MSD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	5	700.0%
SOCAL BASIS SWAP	NS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,600	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	522	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	264	-100.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	1,003	827	21.3%	0	0	0.0%	0	0	0.0%	5,688	12,988	-56.2%
SUMAS NAT GAS PLATTS FIXE	DVS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	0	2,438	-100.0%	0	0	0.0%	0	0	0.0%	7,402	16,069	-53.9%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0	0	0	0	0.0%	0	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	248	-100.0%	0	0	0.0%	0	0	0.0%	0	1,285	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	428	393	8.9%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0	0	0	62	-100.0%	0	0	0.0%	0	0	0.0%	0	796	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	0	1,208	-100.0%	0	0	0.0%	0	0	0.0%	0	1,996	-100.0%
Tetco ELA Basis	TE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TETCO M-3 INDEX	IX	0	0	0.0%	0	0	0	0	186	-100.0%	0	0	0.0%	0	0	0.0%	0	7,184	-100.0%
Tetco STX Basis	TX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	881	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	31	-1	0	5,554	-100.0%	0	0	0.0%	0	31	-100.0%	7,547	47,214	-84.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 1 NG BASIS	8E	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	302	610	-50.5%
TRANSCO ZONE 3 NG INDEX S	Y6	0	-	-	0	-		0	-	-	0	-	-	0	-	-	6,256	-	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	460	-1	1,208	1,688	-28.4%	0	0	0.0%	0	460	-100.0%	7,099	14,182	-49.9%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0	0	0	217	-100.0%	0	0	0.0%	0	0	0.0%	465	713	-34.8%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	0	669	-100.0%	0	0	0.0%	0	0	0.0%	2,870	5,170	-44.5%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	856	5,410	-84.2%
TRANSCO ZONE 6 PIPE SWAP	XZ4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	0	0	28	56	-50.0%	0	0	0.0%	0	0	0.0%	198	221	-10.4%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	38	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	45	-33.3%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	45	0	0.0%	0	0	0.0%	0	0	0.0%	66	108	-38.9%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	35	-100.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	1,890	5,325	-64.5%	0	0	0.0%	0	0	0.0%	22,375	22,548	-0.8%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	50,607	47,070	7.5%	0	0	0.0%	0	0	0.0%	264,103	305,902	-13.7%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

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Commodity Indicator		Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	175	-100.0%
VENTURA NAT GAS PLATTS FIX	DVA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WAHA BASIS	NW	0	0	0.0%	0	0	0	950	8,060	-88.2%	0	0	0.0%	0	0	0.0%	1,832	28,779	-93.6%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	0	1,828	-100.0%	0	0	0.0%	0	0	0.0%	0	7,320	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	60	1,586	-96.2%	0	0	0.0%	0	0	0.0%	2,220	7,012	-68.3%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	404	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	10,199	13,165	-22.5%	0	0	0.0%	120	0	0.0%	46,092	68,467	-32.7%
WTI CALENDAR	CS	0	26	-100.0%	0	0	0	23,287	28,204	-17.4%	0	1,069	-100.0%	0	0	0.0%	205,183	188,038	9.1%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	4,755	372	1,178.2%	0	0	0.0%	0	0	0.0%	21,894	6,932	215.8%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	510	491	3.9%	0	0	0.0%	0	0	0.0%	2,920	6,716	-56.5%
Energy Options																			
12 MO GASOIL CAL SWAP SPR	GXZ	0	-	-	0	-		230	-	-	0	-	-	0	-	-	230	-	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
APPALACHIAN COAL	6K	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	1,050	762	37.8%	0	0	0.0%	0	0	0.0%	3,422	10,628	-67.8%
BRENT OIL LAST DAY	BE	0	3,000	-100.0%	0	0	0	1,020	399	155.6%	0	3,000	-100.0%	0	0	0.0%	15,950	22,065	-27.7%
BRENT OIL LAST DAY	BZO	0	1,400	-100.0%	2,023	692	1.92	23,470	31,350	-25.1%	0	1,800	-100.0%	24,566	3,403	621.9%	117,403	63,326	85.4%
BRENT OIL LAST DAY	OS	0	3,004	-100.0%	96	0	0	1,000	600	66.7%	0	4,420	-100.0%	144	0	0.0%	3,000	6,098	-50.8%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	1,185	7,557	-84.3%	0	0	0.0%	0	0	0.0%	7,066	41,152	-82.8%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	0	2,750	-100.0%	0	0	0.0%	0	0	0.0%	610	99,984	-99.4%
COAL API2 INDEX	MTC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	150	-66.7%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,330	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	140	385	-63.6%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	85	86	-1.2%
CRUDE OIL 1MO	WA	0	100	-100.0%	22,901	94,451	-0.76	168,000	244,085	-31.2%	0	100	-100.0%	108,859	291,201	-62.6%	946,714	1,081,835	-12.5%
CRUDE OIL APO	AO	0	66	-100.0%	12	0	0	36,746	34,629	6.1%	0	6,537	-100.0%	52	0	0.0%	200,974	145,982	37.7%
CRUDE OIL CALNDR STRIP	6F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,150	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	2,750	5,450	-49.5%	0	0	0.0%	0	0	0.0%	12,260	24,025	-49.0%

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		Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Options																			
CRUDE OIL PHY	LC	0	2,101	-100.0%	0	0	0	17,353	29,280	-40.7%	0	9,581	-100.0%	9	0	0.0%	194,943	231,267	-15.7%
CRUDE OIL PHY	LO	0	23,591	-100.0%	3,136,825	2,361,064	0.33	927,297	806,361	15.0%	0	183,834	-100.0%	19,088,686	16,463,612	15.9%	5,134,685	5,445,470	-5.7%
CRUDE OIL PHY	LO1	0	0	0.0%	11,315	5,261	1.15	50	150	-66.7%	0	1,350	-100.0%	71,652	29,622	141.9%	150	150	0.0%
CRUDE OIL PHY	LO2	0	350	-100.0%	15,852	5,253	2.02	0	0	0.0%	0	350	-100.0%	65,998	25,472	159.1%	200	200	0.0%
CRUDE OIL PHY	LO3	0	0	0.0%	6,885	1,513	3.55	0	0	0.0%	0	1,200	-100.0%	48,408	13,051	270.9%	200	0	0.0%
CRUDE OIL PHY	LO4	0	50	-100.0%	16,891	4,199	3.02	200	200	0.0%	0	1,650	-100.0%	91,952	24,048	282.4%	200	630	-68.3%
CRUDE OIL PHY	LO5	0	0	0.0%	20,905	2	10,451.5	250	0	0.0%	0	585	-100.0%	34,538	10,292	235.6%	250	0	0.0%
DAILY CRUDE OIL	DNM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	PML	0	0	0.0%	0	0	0	0	18	-100.0%	0	0	0.0%	0	0	0.0%	0	163	-100.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0	0	0	2,580	-100.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	25	200.0%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	25	1,100.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	5,396	6,437	-16.2%	0	0	0.0%	0	0	0.0%	31,437	34,303	-8.4%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	690	-100.0%	0	0	0.0%	0	0	0.0%	920	1,888	-51.3%
EURO-DENOMINATED PETRO P	EFB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE N	30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
GASOIL CRACK SPREAD AVG P	3U	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	872	-100.0%
HEATING OIL CRACK OPTIONS	CH	0	-	-	0	-		100	-	-	0	-	-	0	-	-	100	-	-
HEATING OIL CRK SPD AVG PR	3W	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
HEATING OIL PHY	LB	0	92	-100.0%	0	0	0	610	0	0.0%	0	136	-100.0%	6	0	0.0%	1,510	60	2,416.7%
HEATING OIL PHY	OH	0	254	-100.0%	6,685	6,986	-0.04	35,270	53,657	-34.3%	0	4,654	-100.0%	31,127	44,222	-29.6%	169,452	296,887	-42.9%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	2,741	6,795	-59.7%	0	0	0.0%	0	0	0.0%	22,224	13,343	66.6%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,300	5,700	-77.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,100	8,730	-41.6%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	540	210	157.1%	0	0	0.0%	0	0	0.0%	1,290	8,095	-84.1%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,385	-100.0%
NATURAL GAS	G10	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	200	0	0	36,000	2,350	1,431.9%	0	200	-100.0%	200	0	0.0%	273,925	33,330	721.9%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	250	0	0.0%	0	0	0.0%	0	0	0.0%	3,550	1,000	255.0%

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Energy Options																			
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	28,850	31,180	-7.5%	0	250	-100.0%	0	0	0.0%	72,800	139,437	-47.8%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,050	1,200	237.5%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	700	0	0.0%	0	0	0.0%	0	0	0.0%	34,570	4,100	743.2%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	1,500	600	150.0%	0	0	0.0%	0	0	0.0%	5,498	12,478	-55.9%
NATURAL GAS PHY	KD	0	0	0.0%	2,182	0	0	42,325	45,997	-8.0%	0	0	0.0%	4,576	0	0.0%	196,535	215,569	-8.8%
NATURAL GAS PHY	LN	0	2,124	-100.0%	1,324,416	517,001	1.56	1,224,242	1,914,804	-36.1%	0	9,961	-100.0%	5,852,647	1,899,071	208.2%	8,218,932	9,506,847	-13.5%
NATURAL GAS PHY	ON	0	820	-100.0%	203,277	312,342	-0.35	10,086	2,152	368.7%	0	6,842	-100.0%	1,200,285	1,598,807	-24.9%	43,606	44,325	-1.6%
NATURAL GAS PHY	ON1	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS PHY	ON5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	0	0	0	0	0.0%	0	500	-100.0%	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	540	720	-25.0%	0	0	0.0%	0	0	0.0%	2,496	2,790	-10.5%
NY HARBOR HEAT OIL SWP	AT	0	252	-100.0%	70	6	10.67	5,210	6,012	-13.3%	0	1,123	-100.0%	389	6	6,383.3%	20,451	34,254	-40.3%
NYISO ZONE G 5MW PEAK OPT	9U	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	19,830	420	4,621.4%
NYMEX EUROPEAN GASOIL AP	F7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL OP	F8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	2,880	-	-
PETROCHEMICALS	4H	0	0	0.0%	0	0	0	350	1,125	-68.9%	0	0	0.0%	0	8	-100.0%	2,819	9,030	-68.8%
PETROCHEMICALS	4I	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	30	210	-85.7%	0	0	0.0%	0	0	0.0%	2,450	3,360	-27.1%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	18	495	-96.4%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
PJM CALENDAR STRIP	6O	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM ELECTRIC	6OO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	JO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	3,020	140	2,057.1%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10,300	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	380	126	201.6%	0	0	0.0%	0	0	0.0%	11,593	1,695	584.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	550	0	0.0%	0	0	0.0%	0	0	0.0%	550	3,400	-83.8%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	0	1,200	-100.0%	0	50	-100.0%	10	0	0.0%	2,125	5,749	-63.0%
RBOB PHY	OB	0	539	-100.0%	5,589	6,569	-0.15	18,576	33,522	-44.6%	0	7,509	-100.0%	35,454	50,438	-29.7%	118,990	206,308	-42.3%
RBOB PHY	RF	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	85	20	325.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	0	400	-100.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry		JUN	JUN		ClearPort	ClearPort		Outcry	Outcry		Y.T.D	Y.T.D		ClearPort	ClearPort	
Indicator		JUN	JUN	%	2017	2016	CHG	JUN 2017	JUN 2016	CHG	Y.T.D	Y.T.D	CHG	2017	2016	CHG	Y.T.D	Y.T.D	% CHG
Energy Options																			
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	540	2,760	-80.4%	0	0	0.0%	0	0	0.0%	1,800	5,592	-67.8%
SHORT TERM	U11	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,450	1,500	63.3%
SHORT TERM	U12	0	0	0.0%	0	0	0	2,190	0	0.0%	0	0	0.0%	0	0	0.0%	3,589	2,180	64.6%
SHORT TERM	U13	0	0	0.0%	0	0	0	690	725	-4.8%	0	0	0.0%	0	0	0.0%	1,665	3,311	-49.7%
SHORT TERM	U14	0	0	0.0%	0	0	0	490	400	22.5%	0	0	0.0%	0	0	0.0%	1,290	3,625	-64.4%
SHORT TERM	U15	0	0	0.0%	0	0	0	840	450	86.7%	0	0	0.0%	0	0	0.0%	3,585	1,850	93.8%
SHORT TERM	U22	0	0	0.0%	0	0	0	777	225	245.3%	0	0	0.0%	0	0	0.0%	1,577	1,875	-15.9%
SHORT TERM	U23	0	0	0.0%	0	0	0	162	180	-10.0%	0	0	0.0%	0	0	0.0%	1,022	680	50.3%
SHORT TERM	U24	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	1,720	1,380	24.6%
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	205	-51.2%
SHORT TERM	U26	0	0	0.0%	0	0	0	232	0	0.0%	0	0	0.0%	0	0	0.0%	292	1,230	-76.3%
SHORT TERM CRUDE OIL	C02	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	2,040	2,975	-31.4%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	1,140	100	1,040.0%	0	0	0.0%	0	0	0.0%	2,425	3,075	-21.1%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	750	200	275.0%	0	0	0.0%	0	0	0.0%	2,120	725	192.4%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	730	2,500	-70.8%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	1,895	0	0.0%	0	0	0.0%	0	0	0.0%	2,625	2,025	29.6%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	665	0	0.0%	0	0	0.0%	0	0	0.0%	5,165	1,830	182.2%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	590	200	195.0%	0	0	0.0%	0	0	0.0%	2,265	3,200	-29.2%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	1,265	700	80.7%	0	0	0.0%	0	0	0.0%	3,385	2,047	65.4%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	940	1,425	-34.0%	0	0	0.0%	0	0	0.0%	2,700	3,392	-20.4%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	0	675	-100.0%	0	0	0.0%	0	0	0.0%	3,757	3,565	5.4%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	1,240	1,775	-30.1%	0	0	0.0%	0	0	0.0%	2,120	3,310	-36.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	1,909	780	144.7%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	417	1,555	-73.2%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	2,150	0	0.0%	0	0	0.0%	0	0	0.0%	3,305	1,080	206.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	990	300	230.0%	0	0	0.0%	0	0	0.0%	2,515	1,030	144.2%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	940	0	0.0%	0	0	0.0%	0	0	0.0%	1,605	475	237.9%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,870	800	133.8%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	1,160	100	1,060.0%	0	0	0.0%	0	0	0.0%	1,405	2,025	-30.6%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	260	150	73.3%	0	0	0.0%	0	0	0.0%	260	2,225	-88.3%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	1,260	100	1,160.0%	0	0	0.0%	0	0	0.0%	3,055	600	409.2%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,250	750	600.0%
SINGAPORE FUEL OIL 180 CS	C5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Options																			
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10,000	-100.0%
WTI 12 MONTH CALENDAR OPTION	WZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	300	0	0	10,067	7,700	30.7%	0	0	0.0%	5,020	0	0.0%	225,102	122,490	83.8%
WTI CRUDE OIL 1 M CSO FIDUCIARY	7A	0	0	0.0%	0	3,300	-1	46,000	198,420	-76.8%	0	0	0.0%	0	16,826	-100.0%	354,200	1,051,567	-66.3%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Metals Futures																			
COMEX GOLD	GC	0	9,716	-100.0%	4,715,409	4,642,926	0.02	191,222	162,755	17.5%	0	69,105	-100.0%	31,224,084	27,401,192	14.0%	1,152,571	816,578	41.1%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	342	954	-0.64	4,563	3,500	30.4%	0	0	0.0%	1,268	3,488	-63.6%	23,275	26,293	-11.5%
NYMEX PLATINUM	PL	0	0	0.0%	516,269	419,058	0.23	13,293	6,397	107.8%	0	38	-100.0%	2,243,011	1,816,250	23.5%	69,494	35,710	94.6%
PALLADIUM	PA	0	0	0.0%	113,174	88,778	0.27	7,314	2,719	169.0%	0	63	-100.0%	722,378	629,366	14.8%	39,489	20,242	95.1%
URANIUM	UX	0	0	0.0%	0	0	0	530	400	32.5%	0	0	0.0%	427	993	-57.0%	3,512	5,500	-36.1%
COMEX SILVER	SI	0	738	-100.0%	2,319,492	1,785,488	0.3	52,010	20,890	149.0%	0	7,443	-100.0%	10,845,934	8,592,165	26.2%	270,213	127,281	112.3%
COMEX E-Mini GOLD	QO	0	0	0.0%	5,858	11,984	-0.51	0	0	0.0%	0	0	0.0%	51,873	64,872	-20.0%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	986	1,573	-0.37	0	0	0.0%	0	0	0.0%	5,484	6,381	-14.1%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	2,258,347	2,126,997	0.06	39,148	1,155	3,289.4%	0	454	-100.0%	12,119,652	10,246,028	18.3%	180,110	16,949	962.7%
COMEX MINY COPPER	QC	0	0	0.0%	996	560	0.78	0	0	0.0%	0	0	0.0%	5,109	3,782	35.1%	0	0	0.0%
Aluminium MW Trans Prem Platts	AUP	0	0	0.0%	104	1,855	-0.94	5,817	5,745	1.3%	0	0	0.0%	1,194	4,267	-72.0%	45,746	32,940	38.9%
ALUMINUM	A38	0	-	-	0	-		0	-	-	0	-	-	0	-	-	30	-	-
ALUMINUM	AEP	0	0	0.0%	0	320	-1	1,380	500	176.0%	0	0	0.0%	78	2,648	-97.1%	16,991	3,531	381.2%
ALUMINUM	ALA	0	-	-	0	-		50	-	-	0	-	-	0	-	-	200	-	-
ALUMINUM	ALI	0	0	0.0%	130	836	-0.84	250	0	0.0%	0	0	0.0%	3,724	3,729	-0.1%	950	0	0.0%
ALUMINUM	EDP	0	0	0.0%	12	0	0	1,241	1,146	8.3%	0	0	0.0%	14	0	0.0%	4,036	1,850	118.2%
ALUMINUM	MJP	0	0	0.0%	77	110	-0.3	860	1,040	-17.3%	0	0	0.0%	177	788	-77.5%	5,508	3,534	55.9%
COPPER	HGS	0	0	0.0%	0	0	0	40	651	-93.9%	0	0	0.0%	0	0	0.0%	963	1,752	-45.0%
E-MICRO GOLD	MGC	0	0	0.0%	87,230	115,919	-0.25	0	0	0.0%	0	0	0.0%	524,616	570,112	-8.0%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	0	0	0	195	90	116.7%	0	0	0.0%	35	0	0.0%	465	510	-8.8%
FERROUS PRODUCTS	SSF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	GPS	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
Gold Kilo	GCK	0	0	0.0%	356	4,193	-0.92	0	0	0.0%	0	0	0.0%	2,277	32,221	-92.9%	0	0	0.0%
IRON ORE 58 CHINA TSI FUTUR	TIC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	630	0	0.0%	0	0	0.0%	0	0	0.0%	2,142	2,470	-13.3%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	225	211	0.07	5,980	8,774	-31.8%	0	0	0.0%	1,940	3,410	-43.1%	64,486	107,373	-39.9%
LNDN ZINC	ZNC	0	0	0.0%	35	36	-0.03	0	0	0.0%	0	0	0.0%	85	151	-43.7%	0	0	0.0%
METALS	LED	0	0	0.0%	0	5	-1	0	0	0.0%	0	0	0.0%	0	5	-100.0%	0	0	0.0%
SILVER	SIL	0	0	0.0%	5,916	9,572	-0.38	0	0	0.0%	0	0	0.0%	31,386	47,133	-33.4%	0	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

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Metals Options																			
COMEX COPPER	HX	0	10	-100.0%	2,328	2,433	-0.04	0	0	0.0%	0	983	-100.0%	19,921	11,744	69.6%	2,679	796	236.6%
COMEX GOLD	OG	0	68,567	-100.0%	616,257	625,222	-0.01	164,047	199,090	-17.6%	0	468,258	-100.0%	3,658,825	3,798,596	-3.7%	1,123,205	925,824	21.3%
COMEX SILVER	SO	0	5,835	-100.0%	98,052	86,555	0.13	10,427	6,457	61.5%	0	48,028	-100.0%	600,586	558,565	7.5%	79,533	59,374	34.0%
COPPER	H4E	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	OG1	0	0	0.0%	2,471	1,656	0.49	0	0	0.0%	0	86	-100.0%	16,001	6,470	147.3%	200	100	100.0%
GOLD	OG2	0	0	0.0%	3,174	993	2.2	250	100	150.0%	0	240	-100.0%	16,220	4,995	224.7%	850	1,150	-26.1%
GOLD	OG3	0	0	0.0%	3,830	556	5.89	200	0	0.0%	0	30	-100.0%	21,735	4,889	344.6%	1,665	300	455.0%
GOLD	OG4	0	0	0.0%	2,586	741	2.49	50	0	0.0%	0	0	0.0%	8,516	3,385	151.6%	150	150	0.0%
GOLD	OG5	0	0	0.0%	3,183	0	0	0	0	0.0%	0	200	-100.0%	5,791	1,510	283.5%	0	100	-100.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	180	390	-53.8%	0	0	0.0%	0	0	0.0%	8,152	31,971	-74.5%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	430	2,100	-79.5%	0	0	0.0%	0	0	0.0%	14,615	18,224	-19.8%
NYMEX PLATINUM	PO	0	27	-100.0%	980	541	0.81	345	484	-28.7%	0	2,005	-100.0%	4,974	3,501	42.1%	9,739	19,497	-50.0%
PALLADIUM	PAO	0	0	0.0%	1,092	197	4.54	4,663	1,640	184.3%	0	272	-100.0%	5,791	1,002	477.9%	19,401	14,822	30.9%
SILVER	SO1	0	0	0.0%	20	0	0	25	0	0.0%	0	0	0.0%	484	12	3,933.3%	25	0	0.0%
SILVER	SO2	0	0	0.0%	24	0	0	0	0	0.0%	0	0	0.0%	164	1	16,300.0%	0	0	0.0%
SILVER	SO3	0	0	0.0%	5	0	0	0	0	0.0%	0	0	0.0%	567	5	11,240.0%	0	0	0.0%
SILVER	SO4	0	0	0.0%	3	0	0	0	0	0.0%	0	0	0.0%	97	9	977.8%	0	0	0.0%
SILVER	SO5	0	0	0.0%	3	0	0	0	0	0.0%	0	0	0.0%	3	6	-50.0%	0	0	0.0%

TOTAL FUTURES GROUP

Commodities and Alternative Investments Future	0	0	0.0%	15	384	-96.1%	0	0	0.0%	0	0	0.0%	168	2,136	-92.1%	0	0	0.0%
Energy Futures	0	3,643	-100.0%	47,770,321	38,528,009	24.0%	3,579,124	4,336,900	-17.5%	0	23,891	-100.0%	252,700,312	232,864,625	8.5%	24,413,635	29,042,268	-15.9%
Metals Futures	0	10,454	-100.0%	10,024,958	9,211,375	8.8%	324,523	215,762	50.4%	0	77,103	-100.0%	57,784,746	49,428,981	16.9%	1,880,181	1,202,513	56.4%
TOTAL FUTURES	0	14,097	-100.0%	57,795,294	47,739,768	21.1%	3,903,647	4,552,662	-14.3%	0	100,994	-100.0%	310,485,226	282,295,742	10.0%	26,293,816	30,244,781	-13.1%

TOTAL OPTIONS GROUP

Energy Options	0	37,743	-100.0%	4,776,424	3,318,639	43.9%	2,672,505	3,491,603	-23.5%	0	245,632	-100.0%	26,664,578	20,470,079	30.3%	16,563,898	19,035,675	-13.0%
Metals Options	0	74,439	-100.0%	734,008	718,894	2.1%	180,617	210,261	-14.1%	0	520,102	-100.0%	4,359,675	4,394,690	-0.8%	1,260,214	1,072,308	17.5%
TOTAL OPTIONS	0	112,182	-100.0%	5,510,432	4,037,533	36.5%	2,853,122	3,701,864	-22.9%	0	765,734	-100.0%	31,024,253	24,864,769	24.8%	17,824,112	20,107,983	-11.4%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUN 2017	Open Outcry JUN 2016	% CHG	ELEC JUN 2017	ELEC JUN 2016	% CHG	CME ClearPort JUN 2017	CME ClearPort JUN 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
TOTAL COMBINED																		
Commodities and Alternative Investments	0	0	0.0%	15	384	-96.1%	0	0	0.0%	0	0	0.0%	168	2,136	-92.1%	0	0	0.0%
Energy	0	41,386	-100.0%	52,546,745	41,846,648	25.6%	6,251,629	7,828,503	-20.1%	0	269,523	-100.0%	279,364,890	253,334,704	10.3%	40,977,533	48,077,943	-14.8%
Metals	0	84,893	-100.0%	10,758,966	9,930,269	8.3%	505,140	426,023	18.6%	0	597,205	-100.0%	62,144,421	53,823,671	15.5%	3,140,395	2,274,821	38.1%
GRAND TOTAL	0	126,279	-100.0%	63,305,726	51,777,301	22.3%	6,756,769	8,254,526	-18.1%	0	866,728	-100.0%	341,509,479	307,160,511	11.2%	44,117,928	50,352,764	-12.4%