

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Commodities and Alternative Investments</b>																			
<b>Futures</b>																			
COCOA TAS	CJ	0	0	0.0%	517	216	1.39	0	0	0.0%	0	0	0.0%	2,034	877	131.9%	0	0	0.0%
COFFEE	KT	0	0	0.0%	6	88	-0.93	0	0	0.0%	0	0	0.0%	143	512	-72.1%	0	0	0.0%
COTTON	TT	0	0	0.0%	77	125	-0.38	0	0	0.0%	0	0	0.0%	547	492	11.2%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	23	49	-0.53	0	0	0.0%	0	0	0.0%	401	1,090	-63.2%	0	0	0.0%
<b>Energy Futures</b>																			
CRUDE OIL PHY	CL	989	6,220	-84.1%	22,458,636	18,630,181	0.21	575,703	533,866	7.8%	19,148	120,379	-84.1%	172,843,902	129,237,136	33.7%	5,069,755	4,097,708	23.7%
CRUDE OIL	WS	0	0	0.0%	0	0	0	2,422	8,200	-70.5%	0	0	0.0%	0	21	-100.0%	78,654	139,781	-43.7%
MINY WTI CRUDE OIL	QM	0	0	0.0%	268,400	228,055	0.18	0	0	0.0%	0	0	0.0%	2,314,208	2,278,548	1.6%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,723,475	2,308,253	-0.25	16,899	25,934	-34.8%	344	0	0.0%	15,807,907	18,090,404	-12.6%	150,215	149,736	0.3%
HEATING OIL PHY	HO	58	198	-70.7%	3,189,211	2,924,271	0.09	202,428	258,195	-21.6%	761	4,490	-83.1%	23,945,204	22,177,415	8.0%	1,677,837	1,628,508	3.0%
HTG OIL	BH	0	0	0.0%	0	0	0	0	0	0.0%	36	0	0.0%	0	0	0.0%	5,222	96	5,339.6%
MINY HTG OIL	QH	0	0	0.0%	11	10	0.1	0	0	0.0%	0	0	0.0%	83	69	20.3%	0	0	0.0%
RBOB PHY	RB	9	406	-97.8%	3,798,053	3,454,018	0.1	220,390	195,546	12.7%	469	3,104	-84.9%	28,131,696	25,369,090	10.9%	1,450,874	1,620,628	-10.5%
MINY RBOB GAS	QU	0	0	0.0%	7	4	0.75	0	0	0.0%	0	0	0.0%	34	39	-12.8%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	30,285	2,863	9.58	108,348	60,093	80.3%	800	1,013	-21.0%	124,806	24,278	414.1%	879,277	568,200	54.7%
LTD NAT GAS	HH	0	0	0.0%	81,931	84,728	-0.03	149,226	168,170	-11.3%	0	549	-100.0%	578,762	498,237	16.2%	1,255,663	1,263,525	-0.6%
MINY NATURAL GAS	QG	0	0	0.0%	24,470	16,784	0.46	0	0	0.0%	0	0	0.0%	198,581	225,056	-11.8%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	1,588	-100.0%	0	0	0.0%	0	0	0.0%	2,898	4,230	-31.5%
NATURAL GAS PHY	NG	22	2,338	-99.1%	8,351,286	6,159,331	0.36	155,148	283,613	-45.3%	1,533	22,417	-93.2%	59,043,255	52,022,915	13.5%	1,662,907	2,129,789	-21.9%
RBOB GAS	RT	0	0	0.0%	0	0	0	1,532	1,032	48.4%	0	0	0.0%	0	0	0.0%	10,433	9,130	14.3%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	390	0	0.0%	0	0	0.0%	0	0	0.0%	2,141	255	739.6%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	45	0	0.0%	0	0	0.0%	0	0	0.0%	210	143	46.9%
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	20	-100.0%	0	0	0.0%	0	0	0.0%	240	542	-55.7%
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	942	-100.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	0	0	240	0	0.0%	0	0	0.0%	0	0	0.0%	5,980	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	487	240	102.9%	0	0	0.0%	0	0	0.0%	5,904	965	511.8%
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	2,140	-100.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0	0	60	720	-91.7%	0	0	0.0%	0	0	0.0%	3,599	7,275	-50.5%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	130	2,322	-94.4%

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 Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	12,620	7,288	73.2%	0	0	0.0%	0	0	0.0%	110,275	63,664	73.2%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	1,146	406	182.3%	0	0	0.0%	0	0	0.0%	12,139	2,568	372.7%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	409	388	5.4%	0	0	0.0%	0	0	0.0%	7,317	3,828	91.1%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	243	76	219.7%	0	0	0.0%	0	0	0.0%	3,116	1,677	85.8%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	275	344	-20.1%	0	0	0.0%	0	0	0.0%	1,085	4,424	-75.5%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	843	3,302	-74.5%	0	0	0.0%	0	0	0.0%	17,760	51,218	-65.3%
BRENT CFD(PLATTS) VS FRNT	1C	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT CFD SWAP	6W	0	0	0.0%	0	0	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	65	300	-78.3%	0	0	0.0%	0	0	0.0%	2,152	58,219	-96.3%
BRENT FINANCIAL FUTURES	MBC	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	1,424	-	-
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	413	330	25.2%
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%
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	3,390	1,182	186.8%	0	0	0.0%	0	0	0.0%	16,575	3,945	320.2%
CARBON EUA EMISSIONS EUR	RC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	700	212	230.2%	0	0	0.0%	0	0	0.0%	10,650	18,370	-42.0%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	740	677	9.3%
CENTER POINT NAT GAS FIXED	DAC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	32	-100.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	919	670	0.37	113,172	77,140	46.7%	0	0	0.0%	10,084	3,873	160.4%	778,628	722,107	7.8%
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	769	76	911.8%	0	0	0.0%	0	0	0.0%	2,606	3,066	-15.0%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	275	0	0.0%	0	0	0.0%	0	0	0.0%	1,875	320	485.9%
CIG BASIS	CI	0	0	0.0%	0	0	0	11,326	2,223	409.5%	0	0	0.0%	0	0	0.0%	65,149	16,732	289.4%
CIG ROCKIES NG INDEX SWA	Z8	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	1,054	-	-
CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	60	390	-84.6%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	0	0	0	48,960	-100.0%	0	0	0.0%	0	0	0.0%	275,560	166,480	65.5%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	258	906	-71.5%	0	0	0.0%	0	0	0.0%	18,672	8,399	122.3%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	97,760	-100.0%	0	0	0.0%	0	0	0.0%	966,584	321,952	200.2%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	2,980	2,330	27.9%	0	0	0.0%	0	0	0.0%	63,436	4,475	1,317.6%
COAL SWAP	ACM	0	0	0.0%	0	0	0	200	160	25.0%	0	0	0.0%	0	0	0.0%	1,930	2,740	-29.6%
COAL SWAP	SSI	0	0	0.0%	0	0	0	30	126	-76.2%	0	0	0.0%	0	0	0.0%	187	2,557	-92.7%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	122	0	0	4,713	1,888	149.6%	0	0	0.0%	122	0	0.0%	19,681	21,433	-8.2%
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%	2,208	620	256.1%

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 Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
<b>Energy Futures</b>																			
COLUMBIA GULF NAT GAS FIXE	DCE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	488	-100.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,108	2,716	14.4%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	0	116	-100.0%	0	0	0.0%	0	0	0.0%	1,278	546	134.1%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	510	558	-8.6%	0	0	0.0%	0	0	0.0%	954	1,574	-39.4%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	12,769	2,108	505.7%	0	0	0.0%	0	20	-100.0%	53,284	33,399	59.5%
CRUDE OIL	CHB	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	60	-	-
CRUDE OIL	LPS	0	0	0.0%	0	0	0	4,748	4,017	18.2%	0	0	0.0%	0	0	0.0%	40,810	17,714	130.4%
CRUDE OIL LAST DAY	26	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	37	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	108	969	-88.9%	0	0	0.0%	0	0	0.0%	731	11,082	-93.4%
CRUDE OIL OUTRIGHTS	CSW	0	-	-	0	-	-	540	-	-	0	-	-	0	-	-	540	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	0	1,175	-100.0%	0	0	0.0%	0	0	0.0%	450	26,587	-98.3%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	235	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	-	-	0	-	-	60	-	-	0	-	-	0	-	-	90	-	-
CRUDE OIL OUTRIGHTS	HTT	0	-	-	0	-	-	5,201	-	-	0	-	-	0	-	-	14,513	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	7,350	12,932	-43.2%	0	0	0.0%	0	0	0.0%	40,889	45,568	-10.3%
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	100	300	-66.7%	0	0	0.0%	0	0	0.0%	425	300	41.7%
CRUDE OIL SPRDS	KE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	5,300	0	0.0%	0	0	0.0%	0	0	0.0%	20,942	1,415	1,380.0%
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%	2,720	0	0.0%
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%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
DATED BRENT (PLATTS) DAILY	7G	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	23,657	-100.0%	
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	750	175	328.6%	0	0	0.0%	0	0	0.0%	12,010	23,571	-49.0%	
DEMARCO INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	800	0	0.0%	
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	115	0	0.0%	0	0	0.0%	0	0	0.0%	125	10	1,150.0%	
DIESEL 10PPM BARGES FOB B	U7	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DIESEL10PPM BARG VS ICE LS	LSE	0	0	0.0%	0	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	-	-	60	-	-	
DOMINION TRAN INC - APP I	IH	0	-	-	0	-	0	-	-	0	-	-	0	-	-	17,107	-	-	
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	19,630	2,526	677.1%	0	0	0.0%	243	0	0.0%	152,020	34,208	344.4%	
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	275	100	175.0%	
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	2,486	3,998	-37.8%	0	0	0.0%	0	0	0.0%	11,966	28,653	-58.2%	
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0	0	700	-100.0%	0	0	0.0%	0	0	0.0%	0	700	-100.0%	
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	825	1,746	-52.7%	0	0	0.0%	0	0	0.0%	9,702	35,596	-72.7%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	50	135	-63.0%	0	0	0.0%	0	0	0.0%	236	2,283	-89.7%	
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	1,136	377	201.3%	0	0	0.0%	0	0	0.0%	9,228	6,976	32.3%	
ELEC ERCOT DLY OFF PK	R4	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ELEC ERCOT DLY PEAK	I7	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ELEC ERCOT DLY PEAK	I9	-	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	965	-100.0%	
ELEC ERCOT DLY PEAK	R1	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ELEC ERCOT OFF PEAK	ERU	-	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	0.0%	0	17,565	-100.0%	
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,270	0	0.0%	
ELEC FINSETTLED	49	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ELEC MISO PEAK	4L	0	0	0.0%	0	0	0	320	-100.0%	0	0	0.0%	0	0	0.0%	0	320	-100.0%	
ELEC MISO PEAK	55	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	510	-100.0%	
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0	0	5,796	-100.0%	0	0	0.0%	0	0	0.0%	0	5,796	-100.0%	
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9,408	-100.0%	
ELECTRICITY ERCOT PEAK	ERE	-	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%	23,480	0	0.0%	
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	11,680	-100.0%	
ELECTRICITY OFF PEAK	50	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
EL PASO PERMIAN INDEX SWA	IL	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,612	-	-	
EMMISSIONS	CPL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%	

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 Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
ERCOT NORTH ZMCPE 5MW OF	18	0	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-	
ERCOT NORTH ZMCPE 5MW OF	16	0	0.0%	0	0	0	0	6,528	-100.0%	0	0	0.0%	0	0	0.0%	4,280	24,093	-82.2%	
ERCOT NORTH ZMCPE 5MW PE	15	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	235	2,591	-90.9%	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0.0%	0	0	0	2,145	1,551	38.3%	0	0	0.0%	0	0	0.0%	17,118	23,045	-25.7%	
EU LOW SULPHUR GASOIL CRA	LSC	0	0.0%	0	0	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	3	-100.0%	0	0	0.0%	0	0	0.0%	210	38	452.6%	
EURO 3.5% FUEL OIL M CRK	FL	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0.0%	0	0	0	359	791	-54.6%	0	0	0.0%	0	0	0.0%	2,480	5,158	-51.9%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0.0%	0	0	0	592	390	51.8%	0	0	0.0%	0	0	0.0%	4,558	8,230	-44.6%	
EURO-DENOMINATED PETRO P	IBE	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
EURO-DENOMINATED PETRO P	MFE	-	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%	158	2,277	-93.1%	
EURO GASOIL 10 CAL SWAP	GT	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	6	-50.0%	
EURO GASOIL 10PPM VS ICE	ET	0	0.0%	0	0	0	142	57	149.1%	0	0	0.0%	0	0	0.0%	592	296	100.0%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0.0%	0	0	0	3	185	-98.4%	0	0	0.0%	0	0	0.0%	1,345	1,372	-2.0%	
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%	124	160	-22.5%	
EUROPE 3.5% FUEL OIL MED	UI	0	0.0%	0	0	0	460	0	0.0%	0	0	0.0%	0	0	0.0%	2,979	607	390.8%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0.0%	0	0	0	4,841	7,433	-34.9%	0	0	0.0%	0	0	0.0%	50,832	76,354	-33.4%	
EUROPEAN GASOIL (ICE)	7F	0	0.0%	7,291	16,482	-0.56	0	600	-100.0%	0	0	0.0%	1,461,101	90,363	1,516.9%	77,400	750	10,220.0%	
EUROPEAN NAPHTHA BALMO	KZ	0	0.0%	0	0	0	145	60	141.7%	0	0	0.0%	0	0	0.0%	1,176	688	70.9%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0.0%	0	0	0	4,815	3,794	26.9%	0	0	0.0%	0	0	0.0%	36,640	65,088	-43.7%	
EUROPE DATED BRENT SWAP	UB	0	0.0%	0	0	0	0	8,230	-100.0%	0	0	0.0%	0	0	0.0%	25,958	32,105	-19.1%	
EUROPE JET KERO NWE CALS	UJ	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	38	494	-92.3%	
EUROPE NAPHTHA CALSWAP	UN	0	0.0%	0	0	0	1,856	768	141.7%	0	0	0.0%	0	0	0.0%	11,224	11,974	-6.3%	
EURO PROPANE CIF ARA SWA	PS	0	0.0%	0	0	0	1,148	215	434.0%	0	0	0.0%	0	0	0.0%	9,553	2,678	256.7%	
FL GAS ZONE 3 NAT GAS IND	Q9	0	-	-	0	-	0	-	-	0	-	-	0	-	-	8,310	-	-	
FLORIDA GAS ZONE3 BASIS S	FP	0	0.0%	0	0	0	3,352	488	586.9%	0	0	0.0%	0	0	0.0%	5,449	12,534	-56.5%	
FREIGHT MARKETS	FLP	0	0.0%	0	0	0	41	171	-76.0%	0	0	0.0%	0	0	0.0%	1,509	333	353.2%	
FREIGHT MARKETS	FRC	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
FUEL OIL CRACK VS ICE	FO	0	0.0%	0	0	0	4,793	3,904	22.8%	0	0	0.0%	0	0	0.0%	33,555	28,607	17.3%	
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%	32	306	-89.5%	
FUEL OIL (PLATS) CAR CM	1W	0	0.0%	0	0	0	25	93	-73.1%	0	0	0.0%	0	0	0.0%	1,116	264	322.7%	
FUEL OIL (PLATS) CAR CN	1X	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	54	140	-61.4%	
FUELOIL SWAP:CARGOES VS.B	FS	0	0.0%	0	0	0	86	184	-53.3%	0	0	0.0%	0	0	0.0%	2,815	3,682	-23.5%	

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 Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	5,734	4,694	22.2%	0	0	0.0%	0	0	0.0%	56,009	62,059	-9.7%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	11,788	10,166	16.0%	0	0	0.0%	0	0	0.0%	111,704	148,052	-24.6%
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%	6	1	500.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF MED BALMO	X6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	75	-	-
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	130	71	83.1%
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	266	-100.0%
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%	5	0	0.0%
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%	5	10	-50.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	12	-100.0%	0	0	0.0%	0	0	0.0%	60	62	-3.2%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
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%	10	50	-80.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	212	40	430.0%	0	0	0.0%	0	0	0.0%	700	1,292	-45.8%
GASOIL BULLET SWAP	BG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	15	6	150.0%	0	0	0.0%	0	0	0.0%	305	185	64.9%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	5,900	1,080	446.3%	0	0	0.0%	0	0	0.0%	42,532	32,581	30.5%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	216	228	-5.3%	0	0	0.0%	0	0	0.0%	2,054	2,245	-8.5%
GASOLINE UP-DOWN (ARGUS)	UZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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%	810	4,860	-83.3%
GC ULSD VS GC JET SPREAD	VV	0	0	0.0%	0	0	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	300	0	0.0%	0	0	0.0%	0	0	0.0%	300	200	50.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	4,695	3,636	29.1%	0	0	0.0%	0	0	0.0%	22,038	30,705	-28.2%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	2,040	2,160	-5.6%	0	0	0.0%	0	0	0.0%	11,555	12,147	-4.9%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	285	1,007	-71.7%	0	0	0.0%	0	0	0.0%	5,582	9,323	-40.1%
GULF COAST GASOLINE CLND	GS	0	0	0.0%	0	0	0	0	1,000	-100.0%	0	0	0.0%	0	0	0.0%	1,300	5,365	-75.8%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	40	0	0.0%	0	0	0.0%	0	0	0.0%	1,173	2,837	-58.7%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	34,659	22,767	52.2%	0	0	0.0%	0	0	0.0%	262,134	171,487	52.9%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	56,681	61,016	-7.1%	0	0	0.0%	0	0	0.0%	460,410	589,975	-22.0%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	150	1,458	-89.7%	0	0	0.0%	0	0	0.0%	5,584	15,581	-64.2%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	1,132	418	170.8%	0	0	0.0%	3	2	50.0%	7,331	6,399	14.6%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	6,156	2,450	151.3%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	15	0	0.0%	0	0	0.0%	0	0	0.0%	335	365	-8.2%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
HEATING OIL CRCK SPRD BAL	1H	0	-	-	0	-	0	-	-	0	-	-	0	-	-	-	20	-	-
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%	
HEATING OIL VS ICE GASOIL	HA	0	0	0.0%	0	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	0	19,207	9,706	97.9%	0	0	0.0%	31	0	0.0%	174,593	92,235	89.3%	
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	12,681	9,706	30.7%	0	0	0.0%	0	0	0.0%	159,636	69,175	130.8%	
HENRY HUB SWAP	NN	0	0	0.0%	246,247	60,944	134,222	338,975	-60.4%	1,472	236	523.7%	1,588,655	256,812	518.6%	1,861,726	3,307,005	-43.7%	
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0	0	1,200	-100.0%	0	0	0.0%	0	0	0.0%	290	1,200	-75.8%	
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	274	0	1,322	5,640	-76.6%	0	0	0.0%	517	61	747.5%	25,747	32,728	-21.3%	
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	186	180	3.3%	
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	4,073	-100.0%	
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	100	60	66.7%	0	0	0.0%	0	0	0.0%	110	8,060	-98.6%	
ICE GASOIL BALMO SWAP	U9	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	3,100	-100.0%	0	0	0.0%	225	506	-55.5%	25,976	94,107	-72.4%	
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%	
INDIANA MISO	FDM	0	0	0.0%	0	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%	
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%	
INDIANA MISO	PDD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	112	0	0.0%	
INDIANA MISO	PDM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,240	-100.0%	
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%	
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%	
INDONESIAN COAL	MCC	0	0	0.0%	0	0	35	60	-41.7%	0	0	0.0%	0	0	0.0%	205	1,390	-85.3%	
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%	
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%	
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	657	1,044	-37.1%	0	0	0.0%	0	0	0.0%	3,423	2,203	55.4%	
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	1,850	956	93.5%	0	0	0.0%	0	0	0.0%	10,076	8,407	19.9%	
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	75	25	200.0%	0	0	0.0%	0	0	0.0%	370	432	-14.4%	
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	45	5	800.0%	0	0	0.0%	0	0	0.0%	157	213	-26.3%	
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	22	15	46.7%	
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	47	46	2.2%	0	0	0.0%	0	0	0.0%	745	1,044	-28.6%	
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%	2	10	-80.0%	
JET FUEL CARGOES CIF NEW	F3	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
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%	30	17	76.5%	
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	7,525	825	812.1%	0	0	0.0%	0	0	0.0%	29,112	18,438	57.9%	

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
<b>Energy Futures</b>																		
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	78	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	1,245	650	91.5%	0	0	0.0%	0	0	0.0%	6,327	6,039	4.8%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	325	225	44.4%	0	0	0.0%	0	0	0.0%	5,900	4,350	35.6%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	25	50	-50.0%	0	0	0.0%	0	0	0.0%	800	220	263.6%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	3,640	975	273.3%	0	0	0.0%	0	0	0.0%	16,612	7,770	113.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	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	7,975	11,017	-27.6%	0	0	0.0%	0	0	0.0%	55,938	72,671	-23.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	1,090	7,436	-85.3%	0	0	0.0%	0	0	0.0%	34,218	45,418	-24.7%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	20,163	3,299	511.2%	0	0	0.0%	0	0	0.0%	86,867	12,900	573.4%
MARS BLEND CRUDE OIL	MB	0	-	-	0	-	560	-	-	0	-	-	0	-	-	15,524	-	-
MCCLOSKEY ARA ARGS COAL	MTF	0	0	0.0%	0	0	100,726	248,033	-59.4%	0	0	0.0%	0	0	0.0%	1,407,027	1,278,740	10.0%
MCCLOSKEY RCH BAY COAL	MFF	0	0	0.0%	0	0	10,810	15,452	-30.0%	0	0	0.0%	0	0	0.0%	146,707	163,778	-10.4%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	16	525.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	75	206	-63.6%	0	0	0.0%	0	0	0.0%	1,038	1,166	-11.0%
MICHCON NG INDEX SWAP	Y8	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,840	-	-
MICHIGAN BASIS	NF	0	0	0.0%	305	0	1,150	1,284	-10.4%	0	0	0.0%	549	0	0.0%	16,215	2,922	454.9%
MICHIGAN HUB OFF-PEAK MON	HJ	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MICHIGAN HUB PEAK MONTH S	HM	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	3,920	-100.0%	0	0	0.0%	0	0	0.0%	127,640	121,440	5.1%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	430	-100.0%	0	0	0.0%	0	0	0.0%	7,240	6,795	6.5%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	859	216	297.7%	0	0	0.0%	0	0	0.0%	3,439	2,900	18.6%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	100	170	-41.2%	0	0	0.0%	0	0	0.0%	996	3,810	-73.9%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	1,845	440	319.3%	0	0	0.0%	0	0	0.0%	9,593	5,515	73.9%
MISO 5MW OFF PEAK	4R	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MISO 5MW PEAK	4Q	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MJB FUT	MJB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
MJC FUT	MJC	0	0	0.0%	0	0	144	0	0.0%	0	0	0.0%	0	0	0.0%	765	520	47.1%
MNC FUT	MNC	0	0	0.0%	0	0	3,709	3,870	-4.2%	0	0	0.0%	0	0	0.0%	31,972	34,906	-8.4%
MONT BELVIEU ETHANE 5 DECI	CO	0	0	0.0%	0	0	50,923	7,762	556.1%	0	0	0.0%	0	0	0.0%	323,821	50,845	536.9%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	165	90	83.3%	0	0	0.0%	0	0	0.0%	815	2,425	-66.4%
MONT BELVIEU LDH PROPANE	BO	0	0	0.0%	91	0	139,512	39,505	253.2%	0	0	0.0%	139	112	24.1%	906,994	319,892	183.5%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	871	124	602.4%	0	0	0.0%	0	0	0.0%	6,787	5,633	20.5%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	7,115	3,236	119.9%	0	0	0.0%	0	0	0.0%	67,759	46,235	46.6%
MONT BELVIEU NATURAL GAS	RO	0	0	0.0%	0	0	251	230	9.1%	0	0	0.0%	0	0	0.0%	1,661	3,603	-53.9%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	28,738	14,574	97.2%	0	0	0.0%	0	0	0.0%	191,349	120,653	58.6%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	566	300	88.7%	0	0	0.0%	0	0	0.0%	5,541	3,808	45.5%
NAT GAS BASIS SWAP	SGW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0	0	6,623	1,284	415.8%	0	0	0.0%	0	0	0.0%	29,619	3,100	855.5%
NATURAL GAS	XAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS	XSC	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	0	-	-
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	3,416	-100.0%
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	6,452	-100.0%
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	1,464	-100.0%
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	496	-100.0%
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	572	-100.0%
NATURAL GAS FIXED PRICE S	Z5P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	448	-100.0%
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	84	-100.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,702	0	0.0%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	116,839	89,774	30.1%	92	20,576	-99.6%	0	0	0.0%	900,377	1,521,661	-40.8%
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%	11,925	0	0.0%
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%	635	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	289,912	78,200	270.7%	0	0	0.0%	0	0	0.0%	454,549	169,242	168.6%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	16,702	4,400	279.6%	0	0	0.0%	0	0	0.0%	32,410	10,680	203.5%
NEPOOL MAINE 5MW D AH O E	W2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NEPOOL MAINE 5MW D AH PK	P9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	3,920	-100.0%
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%	640	1,385	-53.8%
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	1,980	-100.0%	0	0	0.0%	0	0	0.0%	0	5,961	-100.0%
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	47,245	-100.0%
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%	4,000	28,848	-86.1%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0	0	0	420	-100.0%	0	0	0.0%	0	0	0.0%	1,685	840	100.6%
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	825	790	4.4%	0	0	0.0%	0	0	0.0%	12,125	8,290	46.3%
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%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
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%	
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0	0	1,208	1,808	-33.2%	0	0	0.0%	0	0	0.0%	26,577	37,573	-29.3%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	7,227	300	2,309.0%	
NGPL MIDCONTINENT SWING S	PX	0	-	-	0	-	0	-	-	0	-	-	0	-	-	620	-	-	
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	1,980	3,008	-34.2%	0	0	0.0%	0	0	0.0%	24,604	69,603	-64.7%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0	0	300	480	-37.5%	0	0	0.0%	0	0	0.0%	360	666	-45.9%
NGPL TEXOK SWING SWAP	OX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
N ILLINOIS HUB DAILY	UD	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	0	70	-100.0%
NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	2,562	2,909	-11.9%
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	578	1,644	-64.8%	0	0	0.0%	0	0	0.0%	2,173	4,077	-46.7%
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	224	212	5.7%	0	0	0.0%	0	0	0.0%	7,251	4,504	61.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	0	102	-100.0%
NORTHWEST ROCKIES BASIS E	NR	0	0	0.0%	428	0	0	7,385	15,809	-53.3%	0	0	0.0%	736	0	0.0%	134,878	65,417	106.2%
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	991	-100.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	2,275	950	139.5%	0	0	0.0%	0	0	0.0%	18,272	17,131	6.7%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	80	185	-56.8%	0	0	0.0%	0	0	0.0%	489	310	57.7%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	300	300	0.0%	0	0	0.0%	0	0	0.0%	1,475	2,395	-38.4%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	71	0	0.0%	0	0	0.0%	0	0	0.0%	101	259	-61.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	0	1,788	4,701	-62.0%	39	146	-73.3%	3	11	-72.7%	20,183	39,009	-48.3%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	305	0	0.0%	0	0	0.0%	0	0	0.0%	4,856	4,042	20.1%
NY HARBOR LOW SULPUR GAS	SLS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	3,098	7,159	-56.7%	0	0	0.0%	0	0	0.0%	27,576	38,954	-29.2%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	3,035	1,541	97.0%	0	0	0.0%	0	0	0.0%	14,720	17,090	-13.9%
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	976	-100.0%
NYISO A	KA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	982	-100.0%
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	440	-100.0%
NYISO CAPACITY	LHV	0	-	-	0	-	0	54	-	-	0	-	-	0	-	-	168	-	-
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	90	300	-70.0%	0	0	0.0%	0	0	0.0%	1,377	1,922	-28.4%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	97	788	-87.7%	0	0	0.0%	0	0	0.0%	1,977	3,572	-44.7%
NYISO G	KG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	321	-100.0%
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	150	-100.0%
NYISO J	KJ	0	0	0.0%	0	0	0	0	469	-100.0%	0	0	0.0%	0	0	0.0%	172	2,264	-92.4%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
<b>Energy Futures</b>																		
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	540	-85.2%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	7,925	23,192	-65.8%	0	0	0.0%	0	0	0.0%	239,365	307,928	-22.3%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	2,960	1,280	131.3%	0	0	0.0%	0	0	0.0%	3,600	8,725	-58.7%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	54,290	0	0.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,512	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	20,546	4,704	336.8%	0	0	0.0%	0	0	0.0%	384,706	86,824	343.1%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	5,334	6,630	-19.5%	0	0	0.0%	0	0	0.0%	30,423	22,450	35.5%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	20,874	-100.0%	0	0	0.0%	0	0	0.0%	102,952	56,034	83.7%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	840	1,152	-27.1%	0	0	0.0%	0	0	0.0%	8,607	6,267	37.3%
NY JET FUEL (ARGUS) VS HEAT	5U	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	1,735	-100.0%
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%
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	1,113	-100.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	1,166	358	225.7%	0	0	0.0%	0	0	0.0%	4,110	20,162	-79.6%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	120	366	-67.2%	0	0	0.0%	0	0	0.0%	1,065	2,261	-52.9%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	160	0	0.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,750	141,040	-97.3%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	110	70	57.1%	0	0	0.0%	0	0	0.0%	355	150	136.7%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	440	7,890	-94.4%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	640	0	9,478	10,313	-8.1%	0	0	0.0%	701	0	0.0%	69,021	97,308	-29.1%
PANHANDLE INDEX SWAP FUT	IV	0	0	0.0%	0	0	0	1,770	-100.0%	0	0	0.0%	0	0	0.0%	2,480	1,770	40.1%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	314	-100.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	2,639	2,226	18.6%	0	0	0.0%	0	0	0.0%	28,861	10,310	179.9%
PETROCHEMICALS	22	0	0	0.0%	0	0	25	10	150.0%	0	0	0.0%	0	0	0.0%	394	171	130.4%
PETROCHEMICALS	32	0	0	0.0%	0	0	38	27	40.7%	0	0	0.0%	0	0	0.0%	419	339	23.6%
PETROCHEMICALS	51	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	81	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	8I	0	0	0.0%	0	0	190	26	630.8%	0	0	0.0%	0	0	0.0%	1,356	3,741	-63.8%
PETROCHEMICALS	91	0	0	0.0%	0	0	145	5	2,800.0%	0	0	0.0%	0	0	0.0%	1,364	213	540.4%
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	48	58	-17.2%
PETROCHEMICALS	LPE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	76	-100.0%
PETROCHEMICALS	MAC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	110	-	-
PETROCHEMICALS	MAE	0	0	0.0%	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	385	200	92.5%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	20	20	0.0%	0	0	0.0%	0	0	0.0%	930	260	257.7%

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 Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	2,840	1,515	87.5%	0	0	0.0%	0	0	0.0%	22,275	11,505	93.6%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	3,424	1,060	223.0%	0	0	0.0%	0	0	0.0%	16,850	12,342	36.5%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	1,050	300	250.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	64	430	-85.1%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	80	128	-37.5%	0	0	0.0%	0	0	0.0%	80	218	-63.3%
PETRO CRCKS & SPRDS NA	CBA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	86	80	7.5%	0	0	0.0%	0	0	0.0%	999	2,428	-58.9%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	1,385	917	51.0%	0	0	0.0%	0	0	0.0%	11,096	9,852	12.6%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	1,755	525	234.3%	0	0	0.0%	0	0	0.0%	7,855	3,590	118.8%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	365	0	0.0%	0	0	0.0%	0	0	0.0%	1,525	50	2,950.0%
PETRO CRCKS & SPRDS NA	GCC	0	-	-	0	-	-	100	-	-	0	-	-	0	-	-	1,525	-	-
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	1,571	1,170	34.3%	0	0	0.0%	0	0	0.0%	8,105	9,744	-16.8%
PETRO CRCKS & SPRDS NA	GCM	0	-	-	0	-	-	10	-	-	0	-	-	0	-	-	66	-	-
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	6,618	8,124	-18.5%	0	0	0.0%	0	0	0.0%	58,954	104,365	-43.5%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	129	100	29.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	2,847	3,380	-15.8%	0	0	0.0%	0	0	0.0%	32,429	31,958	1.5%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	0	240	-100.0%	0	0	0.0%	0	0	0.0%	0	390	-100.0%
PETRO CRCKS & SPRDS NA	MFR	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	30	-	-
PETRO CRCKS & SPRDS NA	NFC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	268	50	436.0%	0	0	0.0%	0	0	0.0%	788	200	294.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	300	525	-42.9%	0	0	0.0%	0	0	0.0%	475	1,800	-73.6%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	10,490	6,113	71.6%	0	0	0.0%	0	0	0.0%	76,455	89,770	-14.8%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	14,247	0	0.0%	0	0	0.0%	0	0	0.0%	64,617	2,215	2,817.2%
PETRO CRCKS & SPRDS NA	SF3	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	34	-	-
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	1,882	614	206.5%	0	0	0.0%	0	0	0.0%	13,800	13,248	4.2%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	289	491	-41.1%	0	0	0.0%	0	0	0.0%	1,265	3,323	-61.9%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	0	170	-100.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	1,694	1,154	46.8%	0	0	0.0%	0	0	0.0%	15,730	12,984	21.1%
PETRO CRK&SPRD EURO	EBF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	91	303	-70.0%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	358	66	442.4%	0	0	0.0%	0	0	0.0%	1,918	363	428.4%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	1,489	1,905	-21.8%	0	0	0.0%	0	0	0.0%	11,468	13,779	-16.8%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	480	360	33.3%
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	20	-100.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	25	150	-83.3%	0	0	0.0%	0	0	0.0%	785	1,158	-32.2%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	24	-100.0%	0	0	0.0%	0	0	0.0%	69	596	-88.4%
PETRO CRK&SPRD EURO	GRB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	GRS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	LSU	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	MGB	0	0	0.0%	0	0	0	0	48	-100.0%	0	0	0.0%	0	0	0.0%	0	424	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	321	56	473.2%	0	0	0.0%	0	0	0.0%	1,065	510	108.8%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	55	0	0.0%	0	0	0.0%	0	0	0.0%	178	56	217.9%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	630	192	228.1%	0	0	0.0%	0	0	0.0%	3,449	1,276	170.3%
PETRO CRK&SPRD EURO	NYG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	105	15	600.0%
PETRO CRK&SPRD EURO	SFC	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	D43	-	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	0.0%	0	34	-100.0%
PETROLEUM PRODUCTS	D45	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	28	-100.0%
PETROLEUM PRODUCTS	D46	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	30	-	-
PETROLEUM PRODUCTS	D63	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D64	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	189	-100.0%
PETROLEUM PRODUCTS	D65	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	140	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	2,233	0	0.0%	0	0	0.0%	0	0	0.0%	4,307	6	71,683.3%
PETROLEUM PRODUCTS	MBS	0	-	-	0	-	0	20	-	-	0	-	-	0	-	-	551	-	-
PETROLEUM PRODUCTS	MHE	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	30	-	-
PETROLEUM PRODUCTS	MPE	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	1,363	-	-
PETROLEUM PRODUCTS	RMG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	RMK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	0	179	-100.0%	0	0	0.0%	0	0	0.0%	427	736	-42.0%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	1,130	2,084	-45.8%	0	0	0.0%	0	0	0.0%	10,245	14,125	-27.5%
PETRO OUTRIGHT EURO	0A	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	70	-100.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	50	30	66.7%	0	0	0.0%	0	0	0.0%	1,300	744	74.7%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	55	15	266.7%	0	0	0.0%	0	0	0.0%	161	15	973.3%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	3,036	4,215	-28.0%	0	0	0.0%	0	0	0.0%	32,662	31,875	2.5%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
<b>Energy Futures</b>																		
PETRO OUTRIGHT EURO	0E	0	0.0%	0	0	0	989	561	76.3%	0	0	0.0%	0	0	0.0%	6,867	3,480	97.3%
PETRO OUTRIGHT EURO	0F	0	0.0%	0	0	0	1,369	570	140.2%	0	0	0.0%	0	0	0.0%	9,371	7,437	26.0%
PETRO OUTRIGHT EURO	1T	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	85	-76.5%
PETRO OUTRIGHT EURO	33	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	219	543	-59.7%
PETRO OUTRIGHT EURO	59	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	5L	0	0.0%	0	0	0	65	42	54.8%	0	0	0.0%	0	0	0.0%	1,542	985	56.5%
PETRO OUTRIGHT EURO	63	0	0.0%	0	0	0	155	97	59.8%	0	0	0.0%	0	0	0.0%	1,032	786	31.3%
PETRO OUTRIGHT EURO	6L	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	16	-100.0%
PETRO OUTRIGHT EURO	7I	0	0.0%	0	0	0	17	10	70.0%	0	0	0.0%	0	0	0.0%	1,290	1,420	-9.2%
PETRO OUTRIGHT EURO	7P	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%
PETRO OUTRIGHT EURO	7R	0	0.0%	0	0	0	208	267	-22.1%	0	0	0.0%	0	0	0.0%	2,118	2,499	-15.2%
PETRO OUTRIGHT EURO	88	0	0.0%	0	0	0	0	55	-100.0%	0	0	0.0%	0	0	0.0%	55	213	-74.2%
PETRO OUTRIGHT EURO	CBB	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	30	-80.0%
PETRO OUTRIGHT EURO	CPB	0	0.0%	0	0	0	589	5	11,680.0%	0	0	0.0%	0	0	0.0%	893	338	164.2%
PETRO OUTRIGHT EURO	EFF	0	0.0%	0	0	0	55	0	0.0%	0	0	0.0%	0	0	0.0%	416	159	161.6%
PETRO OUTRIGHT EURO	EFM	0	0.0%	0	0	0	25	57	-56.1%	0	0	0.0%	0	0	0.0%	640	437	46.5%
PETRO OUTRIGHT EURO	ENS	0	0.0%	0	0	0	70	0	0.0%	0	0	0.0%	0	0	0.0%	1,068	445	140.0%
PETRO OUTRIGHT EURO	EWN	0	0.0%	0	0	0	229	10	2,190.0%	0	0	0.0%	0	0	0.0%	1,469	731	101.0%
PETRO OUTRIGHT EURO	FBD	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	20	111	-82.0%
PETRO OUTRIGHT EURO	MBB	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	84	155	-45.8%
PETRO OUTRIGHT EURO	MBN	0	0.0%	0	0	0	2,160	2,148	0.6%	0	0	0.0%	0	0	0.0%	11,687	8,257	41.5%
PETRO OUTRIGHT EURO	RBF	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	SMU	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	240	600	-60.0%
PETRO OUTRIGHT EURO	T0	0	0.0%	0	0	0	0	111	-100.0%	0	0	0.0%	0	0	0.0%	368	1,768	-79.2%
PETRO OUTRIGHT EURO	ULB	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	490	1,550	-68.4%
PETRO OUTRIGHT EURO	V0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,304	-100.0%
PETRO OUTRIGHT EURO	W0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%
PETRO OUTRIGHT EURO	X0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	638	-100.0%
PETRO OUTRIGHT EURO	Y0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
PETRO OUTRIGHT NA	5Y	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	DBB	-	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	64	74	-13.5%	0	0	0.0%	0	0	0.0%	1,030	2,255	-54.3%
PETRO OUTRIGHT NA	FOB	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%

**NYMEX/COMEX Exchange Volume Comparison Report - Monthly**

Commodity Indicator		Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
<b>Energy Futures</b>																			
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	47	-93.6%
PETRO OUTRIGHT NA	GBA	0	-	-	0	-		0	-	-	0	-	-	0	-	-	8	-	-
PETRO OUTRIGHT NA	GUD	0	-	-	0	-		0	-	-	0	-	-	0	-	-	13	-	-
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	215	-100.0%	0	0	0.0%	0	0	0.0%	439	215	104.2%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	7,590	1,640	362.8%	0	0	0.0%	0	0	0.0%	22,180	8,580	158.5%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	36	-100.0%	0	0	0.0%	0	0	0.0%	168	736	-77.2%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	568	421	34.9%	0	0	0.0%	0	0	0.0%	5,438	5,552	-2.1%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	10,555	7,215	46.3%	0	0	0.0%	0	0	0.0%	80,934	69,201	17.0%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	45	121	-62.8%	0	0	0.0%	0	0	0.0%	838	298	181.2%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	85	120	-29.2%	0	0	0.0%	0	0	0.0%	1,148	1,132	1.4%
PETRO OUTRIGHT NA	NYB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	25	300.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
PGE&E CITYGATE	PC	-	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	18,736	140,880	-86.7%	0	0	0.0%	0	0	0.0%	1,033,248	289,648	256.7%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	0	7,980	29,365	-72.8%	0	0	0.0%	0	0	0.0%	88,829	37,755	135.3%
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	132	-100.0%
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%	0	23,400	-100.0%
PJM ATSI ELEC	MPD	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 BGE DA OFF-PEAK	R3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	23,400	0	0.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,275	0	0.0%
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%	210,680	56,795	270.9%
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%	11,470	3,080	272.4%
PJM DAILY	JD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,300	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0	0	0	19,200	-100.0%	0	0	0.0%	0	0	0.0%	21,305	50,408	-57.7%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	6,873	210	3,172.9%	0	0	0.0%	0	0	0.0%	21,628	6,680	223.8%
PJM DPL DA OFF-PEAK	E8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM DPL DA PEAK	L8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM DUQUESNE 5MW D AH PK	D5	0	0	0.0%	0	0	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	0.0%	0	0	0.0%
PJM EASTERNH DA PEAK	E9	-	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 AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
<b>Energy Futures</b>																		
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	15,360	-100.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	650	-100.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	15,126	5,433	178.4%	0	0	0.0%	0	0	0.0%	57,094	18,363	210.9%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	365,760	220,526	65.9%	0	0	0.0%	0	0	0.0%	1,355,132	456,494	196.9%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	297,879	71,367	317.4%	0	0	0.0%	0	0	0.0%	824,934	156,558	426.9%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	14,833	637	2,228.6%	0	0	0.0%	0	0	0.0%	40,050	5,345	649.3%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	140	1,712	-91.8%
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	650	-100.0%
PJM PEPSCO DA OFF-PEAK	Q8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	7,440	-100.0%
PJM PEPSCO DA PEAK	R8	-	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	23,520	-100.0%	0	0	0.0%	0	0	0.0%	0	23,520	-100.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0	0	1,275	-100.0%	0	0	0.0%	0	0	0.0%	0	1,275	-100.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	163,800	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,100	0	0.0%
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%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	31,520	-100.0%	0	0	0.0%	0	0	0.0%	825,010	125,600	556.9%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	2,550	1,915	33.2%	0	0	0.0%	0	0	0.0%	45,148	7,540	498.8%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	144,580	299,099	-51.7%	0	0	0.0%	0	0	0.0%	5,573,176	809,915	588.1%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	75,239	35,149	114.1%	0	0	0.0%	0	0	0.0%	524,567	55,624	843.1%
PLASTICS	PGP	0	0	0.0%	0	0	612	802	-23.7%	0	0	0.0%	0	0	0.0%	2,743	8,878	-69.1%
PLASTICS	PPP	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	258	294	-12.2%	0	0	0.0%	0	0	0.0%	2,413	2,829	-14.7%
PREMIUM UNLD 10PPM CARGO	4G	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	10	97	-89.7%	0	0	0.0%	0	0	0.0%	288	658	-56.2%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	2	84	-97.6%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	273	260	5.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	695	200	247.5%	0	0	0.0%	0	0	0.0%	3,197	1,326	141.1%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	9,204	5,291	74.0%	0	0	0.0%	0	0	0.0%	80,072	51,652	55.0%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	10,776	8,984	19.9%	0	12	-100.0%	0	2	-100.0%	52,580	55,425	-5.1%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	1,480	610	142.6%	0	0	0.0%	0	0	0.0%	11,775	7,697	53.0%
RBOB CRACK SPREAD BALMO	1E	0	-	-	0	-	25	-	-	0	-	-	0	-	-	50	-	-
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	1,495	670	123.1%	0	0	0.0%	0	0	0.0%	6,058	9,534	-36.5%
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%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	33	-100.0%	0	0	0.0%	0	0	0.0%	0	92	-100.0%

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 Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
RBOB UP-DOWN CALENDAR S	RV	0	0	0.0%	0	0	0	0	12,625	-100.0%	0	0	0.0%	0	0	0.0%	9,203	81,145	-88.7%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	600	900	-33.3%	0	0	0.0%	0	0	0.0%	11,827	7,225	63.7%
ROCKIES KERN OPAL - NW IN	IR	0	-	-	0	-	0	-	0	-	0	-	0	-	-	0.0%	1,046	-	-
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	6,088	2,095	190.6%	0	0	0.0%	0	0	0.0%	51,389	16,947	203.2%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0	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	55	45	22.2%	0	0	0.0%	0	0	0.0%	437	342	27.8%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	121	82	47.6%	0	0	0.0%	0	0	0.0%	1,129	1,078	4.7%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	11,145	6,226	79.0%	0	0	0.0%	0	0	0.0%	56,648	44,504	27.3%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	886	1,938	-54.3%	0	0	0.0%	0	0	0.0%	9,521	17,924	-46.9%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	649	315	106.0%	0	0	0.0%	0	0	0.0%	4,498	4,456	0.9%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	177	55	221.8%	0	0	0.0%	0	0	0.0%	1,858	977	90.2%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	5,466	2,112	158.8%	0	0	0.0%	0	0	0.0%	29,644	19,362	53.1%
SINGAPORE GASOIL	STF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	150	-33.3%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	180	0	0.0%
SINGAPORE GASOIL BALMO	VU	0	0	0.0%	0	0	0	320	150	113.3%	0	0	0.0%	0	0	0.0%	2,279	744	206.3%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	190	0	0.0%	0	0	0.0%	0	0	0.0%	537	6,291	-91.5%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	7,388	397	1,761.0%	0	0	0.0%	0	0	0.0%	36,740	19,910	84.5%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	2,075	10	20,650.0%	0	0	0.0%	0	0	0.0%	15,083	4,790	214.9%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	56	325	-82.8%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	1,225	0	0.0%	0	0	0.0%	0	0	0.0%	6,275	2,945	113.1%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	900	570	57.9%	0	0	0.0%	0	0	0.0%	4,620	11,948	-61.3%
SINGAPORE JET KERO VS. GAS	Z0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	25	50	-50.0%	0	0	0.0%	0	0	0.0%	2,843	2,808	1.2%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	6,821	1,884	262.0%	0	0	0.0%	0	0	0.0%	53,243	55,845	-4.7%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,125	-100.0%
SING FUEL	MSD	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	15	10	50.0%
SOCAL BASIS SWAP	NS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	96	-100.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,600	488	1,047.5%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0	0	0	2,598	-100.0%	0	0	0.0%	0	0	0.0%	368	14,440	-97.5%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0	0	90	0	0.0%	0	0	0.0%	0	0	0.0%	612	4,280	-85.7%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	0	330	-100.0%	0	0	0.0%	0	0	0.0%	1,368	4,470	-69.4%
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	460	1,734	-73.5%	0	0	0.0%	0	0	0.0%	14,235	10,165	40.0%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
<b>Energy Futures</b>																		
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	2,893	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	30	-50.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	8,295	7,453	11.3%	0	0	0.0%	0	0	0.0%	25,709	27,755	-7.4%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,904	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	-	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	0.0%	0	0	0.0%	0	0	0.0%	1,285	0	0.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0	360	0	0.0%	0	0	0.0%	0	0	0.0%	1,084	5,406	-79.9%
TENNESSEE 500 LEG NG INDE	Y7	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TENNESSEE 500 LEG NG SWIN	T7	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0	730	1,464	-50.1%	0	0	0.0%	0	0	0.0%	1,526	3,908	-61.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,600	0	0.0%
Tetco ELA Basis	TE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	368	-100.0%
TETCO M-3 INDEX	IX	0	0	0.0%	0	0	600	0	0.0%	0	0	0.0%	0	0	0.0%	8,063	4,464	80.6%
Tetco STX Basis	TX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,611	3,574	-54.9%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	10,735	696	1,442.4%	0	0	0.0%	31	0	0.0%	66,480	10,949	507.2%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	16,156	-100.0%
TRANSCO ZONE 1 NG BASIS	8E	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	368	-100.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0	120	608	-80.3%	0	0	0.0%	0	0	0.0%	730	5,642	-87.1%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	856	428	100.0%	0	0	0.0%	646	0	0.0%	16,419	65,161	-74.8%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,457	868	67.9%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	674	0	0.0%	0	0	0.0%	0	0	0.0%	7,063	6,003	17.7%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	120	0	0.0%	0	0	0.0%	0	0	0.0%	6,134	76	7,971.1%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	122	-100.0%
UCM FUT	UCM	0	0	0.0%	0	0	30	60	-50.0%	0	0	0.0%	0	0	0.0%	261	288	-9.4%
ULSD 10PPM CIF MED BALMO	X7	0	-	-	0	-	0	-	-	0	-	-	0	-	-	38	-	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	45	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	10	80	-87.5%	0	0	0.0%	0	0	0.0%	164	681	-75.9%
ULSD 10PPM CIF NW BALMO S	B1	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	35	25	40.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	11,350	1,400	710.7%	0	0	0.0%	0	0	0.0%	43,760	25,403	72.3%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	59,864	24,524	144.1%	0	0	0.0%	0	0	0.0%	434,370	288,723	50.4%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0	0	450	-100.0%	0	0	0.0%	0	0	0.0%	175	2,525	-93.1%
VENTURA NAT GAS PLATTS FIX	DVA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	44	-100.0%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Futures</b>																			
WAHA BASIS	NW	0	0	0.0%	0	0	0	3,850	6,798	-43.4%	0	0	0.0%	0	0	0.0%	39,520	21,710	82.0%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	480	0	0.0%	0	0	0.0%	0	0	0.0%	8,420	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	690	1,650	-58.2%	0	0	0.0%	0	0	0.0%	8,057	18,740	-57.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	12,231	25,120	-51.3%	0	0	0.0%	0	0	0.0%	97,818	187,036	-47.7%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	23,748	28,810	-17.6%	1,069	22	4,759.1%	0	0	0.0%	232,728	299,689	-22.3%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	6,720	3,459	94.3%	0	0	0.0%	0	0	0.0%	14,102	53,040	-73.4%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	855	3,080	-72.2%	0	0	0.0%	0	0	0.0%	8,581	17,141	-49.9%
<b>Energy Options</b>																			
1 MO GASOIL CAL SWAP SPR	GXA	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	0.0%	0	40	-100.0%
BRENT 1 MONTH CAL	AA	-	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	600	1,550	-61.3%	0	0	0.0%	0	0	0.0%	11,228	148,381	-92.4%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	4,000	2,700	48.1%	3,000	0	0.0%	0	0	0.0%	31,215	46,467	-32.8%
BRENT OIL LAST DAY	BZO	0	-	-	2,682	-	26,742	-	-	2,473	-	-	10,103	-	-	-	111,979	-	-
BRENT OIL LAST DAY	OS	4	184	-97.8%	0	4	-1	600	2,525	-76.2%	4,428	2,281	94.1%	0	8	-100.0%	7,398	46,550	-84.1%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	3,025	10,688	-71.7%	0	0	0.0%	0	0	0.0%	47,847	40,623	17.8%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	850	5,210	-83.7%	0	0	0.0%	0	0	0.0%	101,534	58,687	73.0%
COAL API2 INDEX	MTC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	151	-0.7%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	50	1,175	-95.7%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	1,330	350	280.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	200	125	60.0%	0	0	0.0%	0	0	0.0%	585	660	-11.4%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	86	1,990	-95.7%
CRUDE OIL 1MO	WA	0	0	0.0%	51,673	14,805	2.49	204,200	271,925	-24.9%	100	4,600	-97.8%	471,695	63,867	638.6%	1,487,235	1,702,520	-12.6%
CRUDE OIL APO	AO	72	84	-14.3%	0	0	0	44,312	32,467	36.5%	7,159	503	1,323.3%	0	0	0.0%	209,737	608,662	-65.5%
CRUDE OIL CALNDR STRIP	6F	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	AH	0	0	0.0%	0	0	0	1,140	0	0.0%	0	0	0.0%	0	0	0.0%	2,290	600	281.7%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	900	-100.0%
CRUDE OIL PHY	CD	0	25	-100.0%	0	0	0	2,850	550	418.2%	0	25	-100.0%	0	0	0.0%	28,175	13,225	113.0%
CRUDE OIL PHY	LC	894	4,879	-81.7%	0	0	0	11,386	47,480	-76.0%	11,081	33,238	-66.7%	0	0	0.0%	262,845	359,695	-26.9%
CRUDE OIL PHY	LO	7,170	84,152	-91.5%	3,129,027	2,893,501	0.08	840,980	1,112,233	-24.4%	195,426	998,238	-80.4%	22,248,117	18,159,424	22.5%	7,021,552	7,419,151	-5.4%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Options</b>																			
CRUDE OIL PHY	LO1	0	0	0.0%	10,780	7,692	0.4	0	200	-100.0%	1,350	0	0.0%	44,393	34,531	28.6%	150	650	-76.9%
CRUDE OIL PHY	LO2	0	0	0.0%	3,688	3,408	0.08	0	0	0.0%	350	6	5,733.3%	32,127	24,370	31.8%	200	650	-69.2%
CRUDE OIL PHY	LO3	0	0	0.0%	5,258	4,294	0.22	0	0	0.0%	1,200	0	0.0%	18,309	17,679	3.6%	0	1,200	-100.0%
CRUDE OIL PHY	LO4	100	0	0.0%	4,215	3,068	0.37	0	20	-100.0%	1,750	0	0.0%	31,273	20,705	51.0%	630	470	34.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0	0	0	0	0.0%	585	0	0.0%	14,264	9,195	55.1%	700	1,500	-53.3%
DAILY CRUDE OIL	DNM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8,000	-100.0%
ELEC FINSETTLED	PML	0	0	0.0%	0	0	0	14	6	133.3%	0	0	0.0%	0	0	0.0%	227	35	548.6%
ELEC MISO PEAK	9T	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	2,580	-	-
ELEC MISO PEAK	OEM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	N9P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ETHANOL	CE1	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	25	-	-
ETHANOL	CE3	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	25	-	-
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	5,623	3,114	80.6%	0	0	0.0%	0	0	0.0%	44,318	45,071	-1.7%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,318	1,564	48.2%
EURO-DENOMINATED PETRO P	EFB	0	0	0.0%	0	0	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%	60	0	0.0%
GASOIL CRACK SPREAD AVG P	3U	0	0	0.0%	0	0	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%	872	125	597.6%
HEATING OIL PHY	LB	5	317	-98.4%	0	0	0	0	10	-100.0%	141	1,130	-87.5%	0	0	0.0%	60	981	-93.9%
HEATING OIL PHY	OH	402	1,906	-78.9%	6,165	5,663	0.09	37,144	36,928	0.6%	5,967	20,068	-70.3%	56,106	48,342	16.1%	377,266	339,330	11.2%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	591	1,534	-61.5%	0	0	0.0%	0	0	0.0%	15,937	19,265	-17.3%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	0	1,300	-100.0%	0	125	-100.0%	0	0	0.0%	5,700	2,875	98.3%
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	3,360	-100.0%
ISO NEW ENGLAND PK LMP	OE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LLS CRUDE OIL	WJO	0	-	-	0	-	600	-	-	-	0	-	-	0	-	-	11,730	-	-
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	8,395	3,735	124.8%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,385	1,200	98.8%
NATURAL GAS	G10	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	500	-	-
NATURAL GAS 12 M CSO FIN	G7	0	0	0.0%	0	0	0	0	500	-100.0%	0	0	0.0%	0	0	0.0%	0	1,000	-100.0%
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	0	0	0	7,049	6,950	1.4%	200	962	-79.2%	0	0	0.0%	43,379	197,797	-78.1%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,000	2,950	-66.1%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	17,175	22,845	-24.8%	250	0	0.0%	0	0	0.0%	173,649	55,830	211.0%
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%	1,200	2,700	-55.6%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Options</b>																			
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,100	44,900	-90.9%	
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	2,630	540	387.0%	0	0	0.0%	0	0	0.0%	16,008	9,180	74.4%	
NATURAL GAS PHY	KD	0	0	0.0%	0	0	26,432	17,225	53.5%	0	100	-100.0%	0	60	-100.0%	259,276	168,819	53.6%	
NATURAL GAS PHY	LN	70	7,488	-99.1%	730,419	47,993	14.22	1,274,855	1,088,069	17.2%	10,207	92,593	-89.0%	3,151,625	175,908	1,691.6%	12,214,982	11,477,467	6.4%
NATURAL GAS PHY	ON	215	2,651	-91.9%	266,438	145,603	0.83	4,283	6,894	-37.9%	8,597	110,720	-92.2%	2,170,605	1,440,674	50.7%	53,701	131,102	-59.0%
NATURAL GAS PHY	ON1	0	0	0.0%	2	0	0	0	0.0%	0	0	0.0%	2	0	0.0%	0	0	0.0%	
NATURAL GAS PHY	ON2	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NATURAL GAS PHY	ON3	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NATURAL GAS PHY	ON4	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	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	25	-100.0%	0	0	0.0%	
NATURAL GAS SUMMER STRIP	4D	-	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	-	-	500	-	-	0	-	-	0	-	-	
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	720	996	-27.7%	0	0	0.0%	0	0	0.0%	4,230	4,529	-6.6%	
NY HARBOR HEAT OIL SWP	AT	50	146	-65.8%	0	0	5,011	12,923	-61.2%	1,343	1,428	-6.0%	6	16	-62.5%	45,914	112,846	-59.3%	
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%	420	110	281.8%	
NYMEX EUROPEAN GASOIL AP	F7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,462	-100.0%	
NYMEX EUROPEAN GASOIL OP	F8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	240	-100.0%	
PETROCHEMICALS	4H	0	0	0.0%	0	3	-1	949	1,326	-28.4%	0	0	0.0%	10	36	-72.2%	10,409	10,918	-4.7%
PETROCHEMICALS	4I	0	0	0.0%	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	4,455	1,440	209.4%	
PETROCHEMICALS	4K	0	0	0.0%	0	0	900	0	0.0%	0	0	0.0%	0	0	0.0%	900	0	0.0%	
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	495	14	3,435.7%	
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	180	-100.0%	
PGE CITYGATE PIPE SWAP	CW	0	0	0.0%	0	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	160	-100.0%	0	0	0.0%	0	0	0.0%	0	1,040	-100.0%	
PJM ELECTRIC	6OO	0	0	0.0%	0	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%	
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	170	180	-5.6%	0	0	0.0%	0	0	0.0%	590	200	195.0%	
PJM WES HUB PEAK CAL MTH	JOA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	10,300	-	-	
PJM WES HUB PEAK LMP 50MW	PMA	0	-	-	0	-	7,301	-	-	0	-	-	0	-	-	9,211	-	-	
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,400	0	0.0%	
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	300	1,908	-84.3%	50	9	455.6%	0	0	0.0%	6,049	16,922	-64.3%	
RBOB PHY	OB	247	2,124	-88.4%	7,590	8,946	-0.15	21,018	24,378	-13.8%	8,001	14,574	-45.1%	62,970	58,386	7.9%	242,499	173,822	39.5%
RBOB PHY	RF	0	0	0.0%	0	0	0	150	-100.0%	0	0	0.0%	0	13	-100.0%	20	5,387	-99.6%	

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Options</b>																			
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0	0	120	0	0.0%	0	0	0.0%	0	0	0.0%	520	365	42.5%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	1,536	728	111.0%	0	0	0.0%	0	0	0.0%	7,848	4,004	96.0%
SHORT TERM	U11	0	0	0.0%	0	0	0	650	500	30.0%	0	0	0.0%	0	0	0.0%	2,250	2,860	-21.3%
SHORT TERM	U12	0	0	0.0%	0	0	0	550	150	266.7%	0	0	0.0%	0	0	0.0%	3,330	1,840	81.0%
SHORT TERM	U13	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	3,411	1,585	115.2%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,425	1,250	254.0%
SHORT TERM	U15	0	0	0.0%	0	0	0	625	0	0.0%	0	0	0.0%	0	0	0.0%	2,600	1,525	70.5%
SHORT TERM	U22	0	0	0.0%	0	0	0	500	0	0.0%	0	0	0.0%	0	0	0.0%	2,875	810	254.9%
SHORT TERM	U23	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	1,080	2,010	-46.3%
SHORT TERM	U24	0	0	0.0%	0	0	0	400	525	-23.8%	0	0	0.0%	0	0	0.0%	1,780	1,825	-2.5%
SHORT TERM	U25	0	0	0.0%	0	0	0	300	325	-7.7%	0	0	0.0%	0	0	0.0%	505	950	-46.8%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,230	350	251.4%
SHORT TERM CRUDE OIL	C02	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SHORT TERM CRUDE OIL	C05	-	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	100	350	-71.4%	0	0	0.0%	0	0	0.0%	3,375	930	262.9%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	175	0	0.0%	0	0	0.0%	0	0	0.0%	3,250	1,898	71.2%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	220	0	0.0%	0	0	0.0%	0	0	0.0%	945	1,625	-41.8%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	1,600	75	2,033.3%	0	0	0.0%	0	0	0.0%	4,100	1,175	248.9%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	400	350	14.3%	0	0	0.0%	0	0	0.0%	2,725	850	220.6%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	0	750	-100.0%	0	0	0.0%	0	0	0.0%	1,930	2,175	-11.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	3,500	2,120	65.1%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	1,175	0	0.0%	0	0	0.0%	0	0	0.0%	3,222	1,625	98.3%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	600	0	0.0%	0	0	0.0%	0	0	0.0%	3,992	3,181	25.5%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	430	400	7.5%	0	0	0.0%	0	0	0.0%	3,995	2,000	99.8%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,310	2,250	47.1%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	175	150	16.7%	0	0	0.0%	0	0	0.0%	955	1,185	-19.4%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	725	200	262.5%	0	0	0.0%	0	0	0.0%	2,805	675	315.6%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	200	350	-42.9%	0	0	0.0%	0	0	0.0%	1,280	2,595	-50.7%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	0	350	-100.0%	0	0	0.0%	0	0	0.0%	1,030	1,530	-32.7%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	575	1,550	-62.9%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	900	1,025	-12.2%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,275	375	773.3%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	2,525	700	260.7%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	250	0	0.0%	0	0	0.0%	0	0	0.0%	850	3,225	-73.6%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Energy Options</b>																			
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	100	50	100.0%	0	0	0.0%	0	0	0.0%	850	250	240.0%
SINGAPORE FUEL OIL 180 CS	C5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	1,200	-100.0%	0	0	0.0%	0	0	0.0%	0	1,200	-100.0%
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10,000	0	0.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	500	-100.0%
WTI 6 MONTH CALENDAR OPT	WM	-	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%	0	1,000	-1	15,210	8,625	76.3%	0	0	0.0%	0	2,000	-100.0%	152,050	173,825	-12.5%
WTI CRUDE OIL 12 M CSO F	7Z	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	9,300	0	0	68,600	218,925	-68.7%	0	3,000	-100.0%	26,126	0	0.0%	1,229,167	1,283,545	-4.2%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Metals Futures</b>																			
COMEX GOLD	GC	6,793	15,290	-55.6%	4,144,648	3,276,280	0.27	131,421	62,159	111.4%	82,271	275,582	-70.1%	37,047,350	27,351,994	35.4%	1,111,521	694,226	60.1%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	537	125	3.3	4,469	6,031	-25.9%	0	0	0.0%	4,036	1,141	253.7%	34,166	35,294	-3.2%
NYMEX PLATINUM	PL	0	0	0.0%	265,634	258,220	0.03	7,298	3,798	92.2%	38	224	-83.0%	2,348,567	2,137,985	9.8%	48,603	55,935	-13.1%
PALLADIUM	PA	0	100	-100.0%	155,005	172,924	-0.1	10,927	6,338	72.4%	63	376	-83.2%	880,623	883,071	-0.3%	34,315	29,170	17.6%
URANIUM	UX	0	0	0.0%	0	1	-1	0	0	0.0%	0	0	0.0%	993	1,548	-35.9%	5,500	800	587.5%
COMEX SILVER	SI	732	942	-22.3%	1,881,923	1,468,598	0.28	29,037	28,387	2.3%	8,645	76,523	-88.7%	11,905,703	9,008,569	32.2%	169,396	156,117	8.5%
COMEX E-Mini GOLD	QO	0	0	0.0%	7,956	4,947	0.61	0	0	0.0%	0	0	0.0%	88,632	45,668	94.1%	0	0	0.0%
E-MINI SILVER	6Q	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	1,618	1,021	0.58	0	0	0.0%	0	0	0.0%	10,178	7,399	37.6%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,867,061	1,734,004	0.08	1,083	1,000	8.3%	850	260,899	-99.7%	13,605,398	11,316,923	20.2%	23,332	31,435	-25.8%
COMEX MINY COPPER	QC	0	0	0.0%	417	1,081	-0.61	0	0	0.0%	0	0	0.0%	4,533	7,151	-36.6%	0	0	0.0%
Aluminium MW Trans Prem Platts	AUP	0	0	0.0%	82	949	-0.91	4,881	3,606	35.4%	0	0	0.0%	4,570	4,932	-7.3%	43,792	20,825	110.3%
ALUMINUM	A38	0	-	-	0	-		21	-	-	0	-	-	0	-	-	71	-	-
ALUMINUM	AEP	0	-	-	0	-		1,440	-	-	0	-	-	2,768	-	-	6,201	-	-
ALUMINUM	ALI	0	0	0.0%	601	63	8.54	45	0	0.0%	0	0	0.0%	4,995	2,452	103.7%	45	0	0.0%
ALUMINUM	EDP	0	-	-	80	-		1,500	-	-	0	-	-	80	-	-	3,770	-	-
ALUMINUM	MJP	0	-	-	140	-		720	-	-	0	-	-	999	-	-	4,524	-	-
COPPER	HGS	0	0	0.0%	0	1	-1	463	202	129.2%	0	0	0.0%	0	1	-100.0%	2,245	1,643	36.6%
E-MICRO GOLD	MGC	0	0	0.0%	56,462	43,364	0.3	0	0	0.0%	0	0	0.0%	723,972	240,709	200.8%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	0	0	0	40	0	0.0%	0	0	0.0%	0	0	0.0%	550	550	0.0%
FERROUS PRODUCTS	SSF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Gold Kilo	GCK	0	0	0.0%	4,083	3,385	0.21	0	0	0.0%	0	0	0.0%	40,021	28,317	41.3%	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	0.0%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,470	2,508	-1.5%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	461	0	0	12,652	9,251	36.8%	0	0	0.0%	4,456	0	0.0%	131,991	76,595	72.3%
LNDN ZINC	ZNC	0	0	0.0%	14	119	-0.88	0	0	0.0%	0	0	0.0%	200	187	7.0%	0	0	0.0%
METALS	LED	0	-	-	10	-		0	-	-	0	-	-	15	-	-	0	-	-
SILVER	SIL	0	0	0.0%	11,552	8,169	0.41	0	0	0.0%	0	0	0.0%	70,762	68,853	2.8%	0	0	0.0%



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
<b>Metals Options</b>																			
COMEX COPPER	HX	0	664	-100.0%	3,351	1,442	1.32	0	0	0.0%	1,073	7,258	-85.2%	18,296	10,036	82.3%	3,296	0	0.0%
COMEX GOLD	OG	40,881	85,207	-52.0%	448,072	448,874	0	110,773	122,015	-9.2%	548,376	713,933	-23.2%	4,650,608	3,412,805	36.3%	1,178,786	1,020,862	15.5%
COMEX SILVER	SO	10,075	7,940	26.9%	105,340	89,427	0.18	9,964	5,382	85.1%	65,796	111,800	-41.1%	782,880	704,731	11.1%	77,295	90,682	-14.8%
COPPER	H4E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	10	-100.0%	0	0	0.0%
GOLD	OG1	0	0	0.0%	1,737	644	1.7	0	100	-100.0%	86	50	72.0%	8,670	3,108	179.0%	100	150	-33.3%
GOLD	OG2	0	100	-100.0%	947	145	5.53	0	0	0.0%	240	1,005	-76.1%	7,347	3,044	141.4%	1,650	1,004	64.3%
GOLD	OG3	0	100	-100.0%	341	174	0.96	0	0	0.0%	90	613	-85.3%	6,553	3,523	86.0%	300	0	0.0%
GOLD	OG4	0	60	-100.0%	379	590	-0.36	0	0	0.0%	0	440	-100.0%	4,573	1,698	169.3%	275	0	0.0%
GOLD	OG5	0	0	0.0%	0	0	0	0	0	0.0%	200	0	0.0%	2,136	1,099	94.4%	100	0	0.0%
HOT ROLLED COIL STEEL CALL	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	2,308	0	0.0%	0	0	0.0%	0	0	0.0%	35,509	14,310	148.1%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	800	1,680	-52.4%	0	0	0.0%	0	0	0.0%	24,186	40,350	-40.1%
NYMEX PLATINUM	PO	180	20	800.0%	1,679	276	5.08	4,844	630	668.9%	2,190	2,115	3.5%	5,729	3,426	67.2%	26,444	36,859	-28.3%
PALLADIUM	PAO	50	0	0.0%	520	112	3.64	4,340	3,867	12.2%	322	1,192	-73.0%	1,994	2,243	-11.1%	24,082	28,272	-14.8%
SHORT TERM	L11	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM GOLD	L02	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM GOLD	L18	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SILVER	SO1	0	0	0.0%	10	0	0	0	0	0.0%	0	0	0.0%	22	423	-94.8%	0	0	0.0%
SILVER	SO2	0	0	0.0%	0	0	0	0	0	0.0%	0	10	-100.0%	1	172	-99.4%	0	0	0.0%
SILVER	SO3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	200	194	3.1%	0	0	0.0%
SILVER	SO4	0	0	0.0%	10	1	9	0	0	0.0%	0	0	0.0%	20	141	-85.8%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	6	203	-97.0%	0	0	0.0%
<b>TOTAL FUTURES GROUP</b>																			
Commodities and Alternative Investments Future		0	0	0.0%	623	478	30.3%	0	0	0.0%	0	0	0.0%	3,125	2,971	5.2%	0	0	0.0%
Energy Futures		1,078	9,162	-88.2%	40,182,082	33,886,594	18.6%	4,108,799	4,076,900	0.8%	25,763	172,944	-85.1%	306,052,224	250,274,970	22.3%	37,724,845	27,931,241	35.1%
Metals Futures		7,525	16,332	-53.9%	8,398,284	6,973,251	20.4%	205,997	120,772	70.6%	91,867	613,604	-85.0%	66,748,851	51,106,900	30.6%	1,622,492	1,105,098	46.8%
<b>TOTAL FUTURES</b>		<b>8,603</b>	<b>25,494</b>	<b>-66.3%</b>	<b>48,580,989</b>	<b>40,860,323</b>	<b>18.9%</b>	<b>4,314,796</b>	<b>4,197,672</b>	<b>2.8%</b>	<b>117,630</b>	<b>786,548</b>	<b>-85.0%</b>	<b>372,804,200</b>	<b>301,384,841</b>	<b>23.7%</b>	<b>39,347,337</b>	<b>29,036,339</b>	<b>35.5%</b>

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 Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

**NYMEX/COMEX Exchange Volume Comparison Report - Monthly**

Commodity Indicator	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	CME ClearPort AUG 2016	CME ClearPort AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
<b>TOTAL OPTIONS GROUP</b>																		
Energy Options	9,229	103,956	-91.1%	4,227,237	3,135,980	34.8%	2,648,766	2,950,687	-10.2%	264,158	1,283,600	-79.4%	28,337,731	20,055,239	41.3%	24,377,961	24,812,076	-1.7%
Metals Options	51,186	94,091	-45.6%	562,386	541,685	3.8%	133,029	133,674	-0.5%	618,373	838,416	-26.2%	5,489,035	4,146,856	32.4%	1,372,023	1,232,489	11.3%
<b>TOTAL OPTIONS</b>	<b>60,415</b>	<b>198,047</b>	<b>-69.5%</b>	<b>4,789,623</b>	<b>3,677,665</b>	<b>30.2%</b>	<b>2,781,795</b>	<b>3,084,361</b>	<b>-9.8%</b>	<b>882,531</b>	<b>2,122,016</b>	<b>-58.4%</b>	<b>33,826,766</b>	<b>24,202,095</b>	<b>39.8%</b>	<b>25,749,984</b>	<b>26,044,565</b>	<b>-1.1%</b>
<b>TOTAL COMBINED</b>																		
Commodities and Alternative Investments	0	0	0.0%	623	478	30.3%	0	0	0.0%	0	0	0.0%	3,125	2,971	5.2%	0	0	0.0%
Energy	10,307	113,118	-90.9%	44,409,319	37,022,574	20.0%	6,757,565	7,027,587	-3.8%	289,921	1,456,544	-80.1%	334,389,955	270,330,209	23.7%	62,102,806	52,743,317	17.7%
Metals	58,711	110,423	-46.8%	8,960,670	7,514,936	19.2%	339,026	254,446	33.2%	710,240	1,452,020	-51.1%	72,237,886	55,253,756	30.7%	2,994,515	2,337,587	28.1%
<b>GRAND TOTAL</b>	<b>69,018</b>	<b>223,541</b>	<b>-69.1%</b>	<b>53,370,612</b>	<b>44,537,988</b>	<b>19.8%</b>	<b>7,096,591</b>	<b>7,282,033</b>	<b>-2.5%</b>	<b>1,000,161</b>	<b>2,908,564</b>	<b>-65.6%</b>	<b>406,630,966</b>	<b>325,586,936</b>	<b>24.9%</b>	<b>65,097,321</b>	<b>55,080,904</b>	<b>18.2%</b>