

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Commodities and Alternative Investments</b>																			
<b>Futures</b>																			
COCOA TAS	CJ	0	0	0.0%	2	516	-1	0	0	0.0%	0	0	0.0%	83	2,550	-96.7%	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	22	-1	0	0	0.0%	0	0	0.0%	40	165	-75.8%	0	0	0.0%
COTTON	TT	0	0	0.0%	1	19	-0.95	0	0	0.0%	0	0	0.0%	16	566	-97.2%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	2	12	-0.83	0	0	0.0%	0	0	0.0%	42	413	-89.8%	0	0	0.0%
<b>Energy Futures</b>																			
CRUDE OIL PHY	CL	0	483	-100.0%	27,030,260	23,781,414	0.14	540,552	526,049	2.8%	0	19,631	-100.0%	232,153,364	196,625,316	18.1%	5,024,046	5,595,804	-10.2%
CRUDE OIL	WS	0	0	0.0%	0	0	0	7,750	4,290	80.7%	0	0	0.0%	204	0	0.0%	52,233	82,944	-37.0%
MINY WTI CRUDE OIL	QM	0	0	0.0%	245,647	306,798	-0.2	0	0	0.0%	0	0	0.0%	2,365,139	2,621,006	-9.8%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,592,290	1,550,231	0.03	23,078	22,025	4.8%	0	344	-100.0%	17,338,628	17,358,138	-0.1%	195,305	172,240	13.4%
HEATING OIL PHY	HO	0	25	-100.0%	3,350,745	3,036,690	0.1	227,147	192,153	18.2%	0	786	-100.0%	30,549,453	26,981,894	13.2%	2,143,438	1,869,990	14.6%
HTG OIL	BH	0	0	0.0%	0	0	0	50	0	0.0%	0	36	-100.0%	84	0	0.0%	184	5,222	-96.5%
MINY HTG OIL	QH	0	0	0.0%	4	5	-0.2	0	0	0.0%	0	0	0.0%	25	88	-71.6%	0	0	0.0%
RBOB PHY	RB	0	40	-100.0%	3,872,264	4,286,174	-0.1	266,844	286,231	-6.8%	0	509	-100.0%	36,343,131	32,417,870	12.1%	2,747,416	1,737,105	58.2%
MINY RBOB GAS	QU	0	0	0.0%	4	8	-0.5	0	0	0.0%	0	0	0.0%	39	42	-7.1%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	31,882	40,781	-0.22	79,766	92,684	-13.9%	0	800	-100.0%	319,535	165,587	93.0%	957,958	971,961	-1.4%
LTD NAT GAS	HH	0	0	0.0%	137,908	64,847	1.13	154,955	167,677	-7.6%	0	0	0.0%	1,108,365	643,609	72.2%	1,536,117	1,423,340	7.9%
MINY NATURAL GAS	QG	0	0	0.0%	17,406	21,907	-0.21	0	0	0.0%	0	0	0.0%	218,745	220,488	-0.8%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	120	2,898	-95.9%
NATURAL GAS PHY	NG	0	5	-100.0%	8,199,047	7,425,242	0.1	299,745	221,004	35.6%	0	1,538	-100.0%	74,691,591	66,468,497	12.4%	2,609,827	1,883,911	38.5%
RBOB GAS	RT	0	0	0.0%	0	0	0	3,341	1,354	146.8%	0	0	0.0%	0	0	0.0%	22,504	11,787	90.9%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	30	150	-80.0%	0	0	0.0%	0	0	0.0%	917	2,291	-60.0%
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%	175	210	-16.7%
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	240	-100.0%
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	124	-100.0%	0	0	0.0%	0	0	0.0%	0	6,104	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	0	1,674	-100.0%	0	0	0.0%	0	0	0.0%	0	7,578	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,599	-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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<b>Energy Futures</b>																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	22,481	5,350	320.2%	0	0	0.0%	60	0	0.0%	81,567	115,625	-29.5%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	3,275	1,642	99.5%	0	0	0.0%	0	0	0.0%	21,329	13,781	54.8%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	1,272	702	81.2%	0	0	0.0%	0	0	0.0%	9,196	8,019	14.7%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	0	683	-100.0%	0	0	0.0%	0	0	0.0%	1,003	3,799	-73.6%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	100	200	-50.0%	0	0	0.0%	0	0	0.0%	578	1,285	-55.0%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	2,127	242	778.9%	0	0	0.0%	0	0	0.0%	25,949	18,002	44.1%
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	0	250	-100.0%	0	0	0.0%	0	0	0.0%	41,011	2,402	1,607.4%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,424	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	78	1,995	-96.1%	0	0	0.0%	0	0	0.0%	278	2,408	-88.5%
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	-	-	7,940	-	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	0	-	-
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	45	2,130	-97.9%	0	0	0.0%	0	0	0.0%	7,314	18,705	-60.9%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	2,316	-100.0%	0	0	0.0%	0	0	0.0%	534	12,966	-95.9%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	740	-100.0%
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%	299	398	-0.25	91,847	117,518	-21.8%	0	0	0.0%	2,236	10,482	-78.7%	1,003,616	896,146	12.0%
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	207	0	0.0%	0	0	0.0%	0	0	0.0%	1,438	2,606	-44.8%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	215	-100.0%	0	0	0.0%	0	0	0.0%	0	2,090	-100.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	9,798	-100.0%	0	0	0.0%	0	0	0.0%	726	74,947	-99.0%
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	1,054	-31.7%
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	47,400	23,400	102.6%	0	0	0.0%	0	0	0.0%	326,080	298,960	9.1%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	2,963	1,731	71.2%	0	0	0.0%	0	0	0.0%	17,185	20,403	-15.8%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	23,400	-100.0%	0	0	0.0%	0	0	0.0%	397,000	989,984	-59.9%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	440	1,485	-70.4%	0	0	0.0%	0	0	0.0%	25,415	64,921	-60.9%
COAL SWAP	ACM	0	0	0.0%	0	0	0	275	523	-47.4%	0	0	0.0%	0	0	0.0%	1,495	2,453	-39.1%
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	187	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	1,903	-100.0%	0	0	0.0%	0	122	-100.0%	999	21,584	-95.4%
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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<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%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,332	3,108	-57.1%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	73	383	-80.9%	0	0	0.0%	0	0	0.0%	2,567	1,661	54.5%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	662	1,565	-57.7%	0	0	0.0%	0	0	0.0%	7,360	2,519	192.2%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	7	0	0	10,532	8,480	24.2%	0	0	0.0%	51	0	0.0%	81,080	61,764	31.3%
CRUDE OIL	CHB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	3,245	3,705	-12.4%	0	0	0.0%	203	0	0.0%	34,543	44,515	-22.4%
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	1,578	250	531.2%	0	0	0.0%	0	0	0.0%	5,647	981	475.6%
CRUDE OIL OUTRIGHTS	CC5	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0	600	-	-
CRUDE OIL OUTRIGHTS	CSN	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0	30	-	-
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	180	540	-66.7%	0	0	0.0%	0	0	0.0%	2,200	1,080	103.7%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	100	200	-50.0%	0	0	0.0%	0	0	0.0%	1,625	650	150.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	330	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	110	90	22.2%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	31,790	3,980	698.7%	0	0	0.0%	0	0	0.0%	122,770	18,493	563.9%
CRUDE OIL OUTRIGHTS	LSW	0	-	-	0	-	0	450	-	-	0	-	0	-	-	0	1,335	-	-
CRUDE OIL OUTRIGHTS	SSW	0	-	-	0	-	0	75	-	-	0	-	0	-	-	0	870	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	0	3,765	-100.0%	0	0	0.0%	0	0	0.0%	24,737	44,654	-44.6%
CRUDE OIL OUTRIGHTS	WCW	0	-	-	0	-	0	6,395	-	-	0	-	0	-	-	0	47,415	-	-
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	425	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	10,750	785	1,269.4%	0	0	0.0%	50	0	0.0%	62,584	21,727	188.0%
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%	0	2,720	-100.0%

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DAILY PJM	ZA0	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%	
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%	
DATED BRENT (PLATTS) DAILY	7G	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	1,400	200	600.0%	
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	2,000	500	300.0%	0	0	0.0%	0	0	0.0%	13,550	12,510	8.3%
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	800	-100.0%
DEMARC SWING SWAP	DT	0	0	0.0%	0	0	0	0	62	-100.0%	0	0	0.0%	0	0	0.0%	0	62	-100.0%
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	125	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	-	-	0	-	0	-	-	0	-	-	0	-	-	3	-	-	
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	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	0	248	-100.0%	0	0	0.0%	0	0	0.0%	0	17,355	-100.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	93	-1	0	29,805	-100.0%	0	0	0.0%	0	336	-100.0%	48,516	181,825	-73.3%
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	275	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	0	4,550	-100.0%	0	0	0.0%	0	0	0.0%	72,824	16,516	340.9%
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	100	1,960	-94.9%	0	0	0.0%	0	0	0.0%	4,735	11,662	-59.4%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	1,255	276	354.7%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	953	756	26.1%	0	0	0.0%	0	0	0.0%	7,167	9,984	-28.2%
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	0	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	0	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 ERCOT PEAK	ERE	0	-	-	0	-	0	-	-	0	-	-	0	-	-	690	-	-	
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%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
ELEC WEST POWER OFF-PEAK	MDA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ELEC WEST POWER PEAK	MDC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,540	-	-	
EL PASO PERMIAN INDEX SWA EMISSIONS	IL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,612	-100.0%	
ERCOT DAILY 5MW PEAK	CPL	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
ERCOT HOUSTON Z MCPE 5M	ERW	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ERCOT NORTH ZMCPE 5MW OF	I1	0	-	-	0	-	0	-	-	0	-	-	0	-	-	3,880	-	-	
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%	
ERCOT NORTH ZMCPE 5MW OF	I6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	35,920	4,280	739.3%	
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,710	235	1,904.3%	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	3,392	2,561	32.4%	0	0	0.0%	0	0	0.0%	33,699	19,679	71.2%
EU LOW SULPHUR GASOIL CR	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	10	-100.0%	0	0	0.0%	0	0	0.0%	18	220	-91.8%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	279	526	-47.0%	0	0	0.0%	0	0	0.0%	3,895	3,006	29.6%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	90	570	-84.2%	0	0	0.0%	0	0	0.0%	4,286	5,128	-16.4%
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	150	0	0.0%	0	0	0.0%	0	0	0.0%	1,514	158	858.2%
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	81	87	-6.9%	0	0	0.0%	0	0	0.0%	425	679	-37.4%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	6	10	-40.0%	0	0	0.0%	0	0	0.0%	689	1,355	-49.2%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	39	134	-70.9%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	39	166	-76.5%	0	0	0.0%	0	0	0.0%	1,213	3,145	-61.4%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	4,029	7,599	-47.0%	0	0	0.0%	0	0	0.0%	64,309	58,431	10.1%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	901	6,428	-0.86	0	0	0.0%	0	0	0.0%	28,409	1,467,529	-98.1%	58	77,400	-99.9%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	264	263	0.4%	0	0	0.0%	0	0	0.0%	3,334	1,439	131.7%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	6,136	7,962	-22.9%	0	0	0.0%	0	0	0.0%	63,749	44,602	42.9%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	600	630	-4.8%	0	0	0.0%	0	0	0.0%	2,540	26,588	-90.4%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	3	0	0.0%	0	0	0.0%	0	0	0.0%	105	38	176.3%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	2,171	1,762	23.2%	0	0	0.0%	0	0	0.0%	25,471	12,986	96.1%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,562	1,798	-13.1%	0	0	0.0%	0	0	0.0%	10,975	11,351	-3.3%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	0.0%	0	0	0	0	0	0.0%	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,449	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	154	288	-46.5%	0	0	0.0%	0	0	0.0%	1,438	1,797	-20.0%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	1,729	7,605	-77.3%	0	0	0.0%	0	0	0.0%	34,650	41,160	-15.8%
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%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
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	1,116	-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	54	-100.0%	
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	110	290	-62.1%	0	0	0.0%	0	0	0.0%	2,666	3,105	-14.1%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	4,078	6,761	-39.7%	0	0	0.0%	0	0	0.0%	61,417	62,770	-2.2%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	21,145	17,412	21.4%	0	0	0.0%	0	0	0.0%	176,192	129,116	36.5%
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	60	-100.0%	0	0	0.0%	0	0	0.0%	50	190	-73.7%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	10	-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%	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	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	60	150.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	15	25	-40.0%	0	0	0.0%	0	0	0.0%	100	25	300.0%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	25	15	66.7%
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	120	190	-36.8%	0	0	0.0%	0	0	0.0%	712	890	-20.0%
GASOIL BULLET SWAP	BG	0	-	-	0	-	0	100	-	-	0	-	0	-	-	0.0%	130	-	-
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	3	9	-66.7%	0	0	0.0%	0	0	0.0%	244	314	-22.3%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	4,967	4,032	23.2%	0	0	0.0%	0	0	0.0%	65,395	46,564	40.4%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	109	115	-5.2%	0	0	0.0%	0	0	0.0%	1,300	2,169	-40.1%
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%	125	300	-58.3%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	6,258	1,255	398.6%	0	0	0.0%	0	0	0.0%	36,585	23,293	57.1%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	2,425	865	180.3%	0	0	0.0%	0	0	0.0%	7,724	12,420	-37.8%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	1,677	600	179.5%	0	0	0.0%	0	0	0.0%	11,074	6,182	79.1%
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	162	-100.0%	0	0	0.0%	0	0	0.0%	943	1,335	-29.4%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	40,930	33,519	22.1%	0	0	0.0%	0	0	0.0%	400,968	295,653	35.6%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	54,140	55,671	-2.8%	0	0	0.0%	0	0	0.0%	471,337	516,081	-8.7%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	375	400	-6.3%	0	0	0.0%	0	0	0.0%	10,933	5,984	82.7%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	949	778	22.0%	0	0	0.0%	0	3	-100.0%	5,029	8,109	-38.0%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,870	6,156	-37.1%	
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	830	335	147.8%	
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%	
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0.0%	0	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%	
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	0	6,843	-100.0%	0	0	0.0%	2,996	31	9,564.5%	48,024	181,436	-73.5%	
HENRY HUB FINANCIAL LAST	NBP	0	-	-	405	-	0	-	-	0	-	-	1,013	-	-	0	-	-	
HENRY HUB FINANCIAL LAST	TTE	0	-	-	410	-	0	-	-	0	-	-	534	-	-	0	-	-	
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	4,638	-100.0%	0	0	0.0%	2,996	0	0.0%	45,834	164,274	-72.1%	
HENRY HUB SWAP	NN	0	0	0.0%	1,159	167,389	-0.99	255,304	148,037	72.5%	0	1,472	-100.0%	61,064	1,756,044	-96.5%	1,655,818	2,009,763	-17.6%
HENRY HUB SWING FUTURE	SN	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	403	-1	0	1,697	-100.0%	0	0	0	920	-100.0%	3,777	27,444	-86.2%	
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	186	-100.0%	
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	719	0	0.0%	
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	8,730	7,998	9.2%	0	0	0.0%	0	0	0.0%	79,626	8,108	882.1%
ICE GASOIL BALMO SWAP	U9	0	-	-	0	-	0	-	-	0	-	-	0	-	-	9	-	-	
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	225	-100.0%	2,850	26,076	-89.1%	
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%	
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%	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%	
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	0	15	-100.0%	0	0	0.0%	0	0	0.0%	5	220	-97.7%	
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0	0	0	0.0%	0	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%	10	20	-50.0%	
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	620	388	59.8%	0	0	0.0%	0	0	0.0%	5,251	3,811	37.8%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,512	1,204	25.6%	0	0	0.0%	0	0	0.0%	14,106	11,280	25.1%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	86	0	0.0%	0	0	0.0%	0	0.0%	1,400	370	278.4%	
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	12	172	-93.0%	
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	22	-100.0%	
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	82	25	228.0%	0	0	0.0%	0	0	0.0%	916	770	19.0%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
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%	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%	62	30	106.7%	
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	7,299	5,377	35.7%	0	0	0.0%	0	0	0.0%	64,506	34,489	87.0%
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%	
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	300	225	33.3%	0	0	0.0%	0	0	0.0%	1,970	6,552	-69.9%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	575	50	1,050.0%	0	0	0.0%	0	0	0.0%	2,450	5,950	-58.8%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	800	-96.9%	
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	1,380	1,775	-22.3%	0	0	0.0%	0	0	0.0%	16,775	18,387	-8.8%
LLS (ARGUS) CALENDAR SWAP	XA	-	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	10,706	4,273	150.5%	0	0	0.0%	15	0	0.0%	43,939	60,211	-27.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	4,268	2,700	58.1%	0	0	0.0%	0	0	0.0%	29,519	36,918	-20.0%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	27,385	12,104	126.2%	0	0	0.0%	0	0	0.0%	173,404	98,971	75.2%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	500	450	11.1%	0	0	0.0%	200	0	0.0%	12,268	15,974	-23.2%
MCCLOSKEY ARA ARGS COAL	MTF	0	0	0.0%	0	0	0	41,084	118,650	-65.4%	0	0	0.0%	0	0	0.0%	420,964	1,525,677	-72.4%
MCCLOSKEY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	3,800	10,616	-64.2%	0	0	0.0%	0	0	0.0%	47,072	157,323	-70.1%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	286	100	186.0%	
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	25	322	-92.2%	0	0	0.0%	0	0	0.0%	979	1,360	-28.0%
MICHCON NG INDEX SWAP	Y8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,840	-100.0%	
MICHIGAN BASIS	NF	0	0	0.0%	0	186	-1	0	5,401	-100.0%	0	0	0.0%	735	-100.0%	2,592	21,616	-88.0%	
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	47,400	0	0.0%	0	0	0.0%	0	0	0.0%	106,440	127,640	-16.6%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	2,535	0	0.0%	0	0	0.0%	0	0	0.0%	5,730	7,240	-20.9%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	103	410	-74.9%	0	0	0.0%	0	0	0.0%	4,154	3,849	7.9%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	1,000	1,220	-18.0%	0	0	0.0%	0	0	0.0%	5,082	2,216	129.3%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	992	2,224	-55.4%	0	0	0.0%	0	0	0.0%	22,030	11,817	86.4%
MJB FUT	MJB	-	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	320	60	433.3%	0	0	0.0%	0	0	0.0%	1,045	825	26.7%
MNC FUT	MNC	0	0	0.0%	0	0	0	3,304	3,702	-10.8%	0	0	0.0%	0	0	0.0%	38,353	35,674	7.5%
MONT BELVIEU ETHANE 5 DECI	CO	0	0	0.0%	0	0	0	17,938	84,579	-78.8%	0	0	0.0%	0	0	0.0%	208,495	408,400	-48.9%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	150	230	-34.8%	0	0	0.0%	0	0	0.0%	2,597	1,045	148.5%
MONT BELVIEU LDH PROPANE	BO	0	0	0.0%	51	19	1.68	95,214	118,760	-19.8%	0	0	0.0%	282	158	78.5%	812,312	1,025,754	-20.8%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	1,487	906	64.1%	0	0	0.0%	0	0	0.0%	15,985	7,693	107.8%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	6,110	7,312	-16.4%	0	0	0.0%	0	0	0.0%	38,382	75,071	-48.9%
MONT BELVIEU NATURAL GAS	RO	0	0	0.0%	0	0	0	599	75	698.7%	0	0	0.0%	0	0	0.0%	2,499	1,736	44.0%
MONT BELVIEU NORMAL BUTA	DO	0	0	0.0%	0	0	0	25,548	42,699	-40.2%	0	0	0.0%	0	0	0.0%	250,279	234,048	6.9%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	276	254	8.7%	0	0	0.0%	0	0	0.0%	6,377	5,795	10.0%
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	2,481	-100.0%	0	0	0.0%	0	0	0.0%	2,165	32,100	-93.3%
NATURAL GAS	HBI	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
NATURAL GAS	XIC	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
NATURAL GAS	XSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	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	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%	360	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	6,702	-90.2%
NATURAL GAS PEN SWP	NP	0	0	0.0%	4	0	0	90,214	77,076	17.0%	0	92	-100.0%	62	0	0.0%	788,159	977,453	-19.4%
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	14,040	0	0.0%	0	0	0.0%	0	0	0.0%	235,140	454,549	-48.3%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	765	0	0.0%	0	0	0.0%	0	0	0.0%	17,275	32,410	-46.7%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0	0	14,040	0	0.0%	0	0	0.0%	0	0	0.0%	14,040	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0	0	765	0	0.0%	0	0	0.0%	0	0	0.0%	765	640	19.5%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0	0	0	0	0.0%	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 AH	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	1,485	1,505	-1.3%	0	0	0.0%	0	0	0.0%	7,245	13,630	-46.8%
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	368	2,793	-86.8%	0	0	0.0%	0	0	0.0%	4,044	29,370	-86.2%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	434	-100.0%	0	0	0.0%	0	0	0.0%	0	7,661	-100.0%	
NGPL MIDCONTINENT SWING S	PX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	620	-100.0%	
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	368	-89.5%	0	0	0.0%	0	0	0.0%	8,134	28,104	-71.1%	
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	360	-100.0%	
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0	0	0	0.0%	0	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%	
NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,659	2,562	42.8%	
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,173	-100.0%	
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	140	-100.0%	0	0	0.0%	0	0	0.0%	84	7,391	-98.9%	
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	1,209	-1	0	8,884	-100.0%	0	0	0.0%	0	1,945	-100.0%	3,088	143,762	-97.9%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	334	0	0.0%	
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	1,830	2,756	-33.6%	0	0	0.0%	0	0	0.0%	19,846	21,028	-5.6%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	489	-100.0%	
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	75	25	200.0%	0	0	0.0%	0	0	0.0%	3,260	1,500	117.3%
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%	25	101	-75.2%	
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	9	-1	783	1,551	-49.5%	0	39	-100.0%	3	12	-75.0%	21,556	21,734	-0.8%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	4,273	4,956	-13.8%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	2,196	3,671	-40.2%	0	0	0.0%	0	0	0.0%	22,640	31,247	-27.5%
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	1,143	377	203.2%	0	0	0.0%	0	0	0.0%	12,502	15,097	-17.2%
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%	
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%	
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%	
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	6	0	0.0%	0	0	0.0%	0	0	0.0%	285	168	69.6%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	178	300	-40.7%	0	0	0.0%	0	0	0.0%	1,788	1,677	6.6%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	276	84	228.6%	0	0	0.0%	0	0	0.0%	1,813	2,061	-12.0%
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%	
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%	
NYISO J	KJ	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	80	-100.0%	
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	32,760	239,365	-86.3%	
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,815	3,600	89.3%	
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	54,290	-100.0%	

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
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%	110	1,512	-92.7%	
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	47,865	0	0.0%	0	0	0.0%	0	0	0.0%	780,585	384,706	102.9%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	2,235	1,270	76.0%	0	0	0.0%	0	0	0.0%	55,044	31,693	73.7%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	0	9,344	-100.0%	0	0	0.0%	0	0	0.0%	226,600	112,296	101.8%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	1,810	1,784	1.5%	0	0	0.0%	0	0	0.0%	24,975	10,391	140.4%
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%
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	12	3,300	-99.6%	0	0	0.0%	0	0	0.0%	8,232	7,410	11.1%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	992	0	0.0%	0	0	0.0%	0	0	0.0%	1,188	1,065	11.5%
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	10	30	-66.7%	0	0	0.0%	0	0	0.0%	505	385	31.2%
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	31	-1	0	8,353	-100.0%	0	0	0.0%	0	732	-100.0%	3,060	77,374	-96.0%
PANHANDLE INDEX SWAP FUT	IV	0	0	0.0%	0	0	0	0	992	-100.0%	0	0	0.0%	0	0	0.0%	0	3,472	-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	372	9,546	-96.1%	0	0	0.0%	0	0	0.0%	1,381	38,407	-96.4%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	122	24	408.3%	0	0	0.0%	0	0	0.0%	733	418	75.4%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	37	117	-68.4%	0	0	0.0%	0	0	0.0%	908	536	69.4%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	436	562	-22.4%	0	0	0.0%	0	0	0.0%	5,399	1,918	181.5%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	192	139	38.1%	0	0	0.0%	0	0	0.0%	1,946	1,503	29.5%
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	JKM	0	-	-	0	-	-	190	-	-	0	-	-	0	-	-	500	-	-
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	160	0	0.0%	0	0	0.0%	0	0	0.0%	300	385	-22.1%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	100	30	233.3%	0	0	0.0%	0	0	0.0%	315	960	-67.2%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	1,570	4,445	-64.7%	0	0	0.0%	0	0	0.0%	11,500	26,720	-57.0%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	2,165	1,836	17.9%	0	0	0.0%	0	0	0.0%	15,737	18,686	-15.8%
PETROCHEMICALS	MPS	0	-	-	0	-	-	20	-	-	0	-	-	0	-	-	40	-	-
PETRO CRCKS & SPRDS ASIA	JNC	0	-	-	0	-	-	150	-	-	0	-	-	0	-	-	150	-	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	40	0	0.0%	0	0	0.0%	0	0	0.0%	182	1,050	-82.7%
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%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,310	80	1,537.5%	
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	370	40	825.0%	0	0	0.0%	0	0	0.0%	2,330	1,039	124.3%	
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	1,764	1,739	1.4%	0	0	0.0%	0	0	0.0%	22,821	12,835	77.8%	
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	1,075	1,250	-14.0%	0	0	0.0%	0	0	0.0%	7,053	9,105	-22.5%	
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	1,865	565	230.1%	0	0	0.0%	0	0	0.0%	8,848	2,090	323.3%	
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	125	-100.0%	0	0	0.0%	0	0	0.0%	1,160	1,650	-29.7%	
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	632	1,306	-51.6%	0	0	0.0%	0	0	0.0%	9,619	9,411	2.2%	
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	59	66	-10.6%	
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	3,318	5,239	-36.7%	0	0	0.0%	0	0	0.0%	50,991	64,193	-20.6%	
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	535	129	314.7%	
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	645	1,995	-67.7%	0	0	0.0%	0	0	0.0%	28,229	34,424	-18.0%	
PETRO CRCKS & SPRDS NA	KSD	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	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%	
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	109	788	-86.2%	
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	1,125	490	129.6%	
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	-100.0%	
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	2,228	12,198	-81.7%	0	0	0.0%	0	0	0.0%	69,754	88,653	-21.3%	
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	13,080	11,794	10.9%	0	0	0.0%	0	0	0.0%	144,087	76,411	88.6%	
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	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	539	1,544	-65.1%	0	0	0.0%	0	0	0.0%	11,599	15,344	-24.4%	
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0	225	0	0.0%	0	0	0.0%	0	0	0.0%	225	0	0.0%	
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	923	274	236.9%	0	0	0.0%	0	0	0.0%	2,954	1,539	91.9%	
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%	
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	1,280	2,472	-48.2%	0	0	0.0%	0	0	0.0%	17,221	18,202	-5.4%	
PETRO CRK&SPRD EURO	EGB	0	-	-	0	-	5	-	-	0	-	-	0	-	-	5	-	-	
PETRO CRK&SPRD EURO	EGN	0	-	-	0	-	0	-	-	0	-	-	0	-	-	18	-	-	
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	6	0	0.0%	0	0	0.0%	0	0	0.0%	127	91	39.6%	
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	776	289	168.5%	0	0	0.0%	0	0	0.0%	4,174	2,207	89.1%	
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	1,360	2,091	-35.0%	0	0	0.0%	0	0	0.0%	21,722	13,559	60.2%	
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	480	-100.0%	
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	739	785	-5.9%	
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	15	30	-50.0%	0	0	0.0%	0	0	0.0%	120	99	21.2%	
PETRO CRK&SPRD EURO	LSU	-	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 SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
PETRO CRK&SPRD EURO	MGB	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	26	87	-70.1%	0	0	0.0%	0	0	0.0%	883	1,152	-23.4%	
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	10	10	0.0%	0	0	0.0%	0	0	0.0%	134	188	-28.7%	
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	1,235	840	47.0%	0	0	0.0%	0	0	0.0%	10,005	4,289	133.3%	
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	178	115	54.8%	
PETRO CRK&SPRD EURO	SFC	-	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%	
PETROLEUM PRODUCTS	D45	-	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	0.0%	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%	
PETROLEUM PRODUCTS	D65	-	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%	
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	1,815	1,590	14.2%	0	0	0.0%	0	0	0.0%	22,019	5,897	273.4%	
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	551	-85.5%	
PETROLEUM PRODUCTS	MGS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	20	-	-	
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	0	0	0	0.0%	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%	100	1,363	-92.7%	
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	200	147	36.1%	0	0	0.0%	0	0	0.0%	2,674	2,426	10.2%	
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	30	40	-25.0%	0	0	0.0%	0	0	0.0%	222	467	-52.5%	
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	1,216	846	43.7%	0	0	0.0%	0	0	0.0%	17,323	11,091	56.2%	
PETROLEUM PRODUCTS ASIA	MSB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	45	-	-	
PETRO OUTRIGHT EURO	0A	-	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	10	0	0.0%	0	0	0.0%	0	0	0.0%	113	1,300	-91.3%	
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	10	40	-75.0%	0	0	0.0%	0	0	0.0%	10	201	-95.0%	
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	1,354	2,306	-41.3%	0	0	0.0%	0	0	0.0%	21,108	34,968	-39.6%	
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	90	1,326	-93.2%	0	0	0.0%	0	0	0.0%	4,040	8,193	-50.7%	
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	616	1,332	-53.8%	0	0	0.0%	0	0	0.0%	10,246	10,703	-4.3%	
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	102	20	410.0%	
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	80	279	-71.3%	
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	55	70	-21.4%	0	0	0.0%	0	0	0.0%	546	1,612	-66.1%	
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	30	285	-89.5%	0	0	0.0%	0	0	0.0%	767	1,317	-41.8%	
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	0	0.0%	
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	190	109	74.3%	0	0	0.0%	0	0	0.0%	1,065	1,399	-23.9%	

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
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	109	300	-63.7%	0	0	0.0%	0	0	0.0%	2,180	2,418	-9.8%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	35	55	-36.4%
PETRO OUTRIGHT EURO	CBB	0	-	-	0	-	0	-	0	-	0	-	0	-	-	0	42	-	-
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	25	6	316.7%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	221	48	360.4%	0	0	0.0%	0	0	0.0%	2,469	941	162.4%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	290	416	-30.3%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	453	640	-29.2%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	30	53	-43.4%	0	0	0.0%	0	0	0.0%	180	1,121	-83.9%
PETRO OUTRIGHT EURO	ESB	0	-	-	0	-	0	-	0	-	0	-	0	-	-	0	69	-	-
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	514	175	193.7%	0	0	0.0%	0	0	0.0%	6,299	1,644	283.2%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	20	0.0%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	500	84	495.2%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	1,220	1,990	-38.7%	0	0	0.0%	0	0	0.0%	9,651	13,677	-29.4%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	240	-83.3%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	0	51	-100.0%	0	0	0.0%	0	0	0.0%	164	419	-60.9%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	375	490	-23.5%
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	150	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
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	39	210	-81.4%	0	0	0.0%	0	0	0.0%	1,613	1,240	30.1%
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	0	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	0	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	6,725	13,955	-51.8%	0	0	0.0%	0	0	0.0%	40,345	36,135	11.7%
PETRO OUTRIGHT NA	JTB	0	-	-	0	-	0	850	-	-	0	-	0	-	-	0	2,025	-	-
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	66	-100.0%	0	0	0.0%	0	0	0.0%	266	234	13.7%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	523	393	33.1%	0	0	0.0%	0	0	0.0%	5,549	5,831	-4.8%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	6,972	10,210	-31.7%	0	0	0.0%	0	0	0.0%	85,428	91,144	-6.3%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	62	-100.0%	0	0	0.0%	0	0	0.0%	203	900	-77.4%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	47	100	-53.0%	0	0	0.0%	0	0	0.0%	485	1,248	-61.1%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0	0	0	0.0%	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%	
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	163,360	-100.0%	0	0	0.0%	0	0	0.0%	273,469	1,196,608	-77.1%	
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	420	6,150	-93.2%	0	0	0.0%	0	0	0.0%	22,411	94,979	-76.4%	
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%	
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%	
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%	
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%	
PJM ATSI ELEC	MOD	0	0	0.0%	0	0	0	6,005	-100.0%	0	0	0.0%	0	0	0.0%	46,800	6,005	679.4%	
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	315	-100.0%	0	0	0.0%	0	0	0.0%	2,550	315	709.5%	
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	-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	1,275	-100.0%	
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0	0	46,800	-100.0%	0	0	0.0%	0	0	0.0%	85,390	257,480	-66.8%	
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0	0	3,180	-100.0%	0	0	0.0%	0	0	0.0%	4,675	14,650	-68.1%	
PJM DAILY	JD	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	6,005	-100.0%	0	0	0.0%	0	0	0.0%	211,995	27,310	676.3%	
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	315	-100.0%	0	0	0.0%	0	0	0.0%	5,250	21,943	-76.1%	
PJM DUQUESNE 5MW D AH PK	D5	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	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%	
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%	
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%	
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	9,545	-100.0%	0	0	0.0%	0	0	0.0%	79,100	66,639	18.7%	
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	170,810	-100.0%	0	0	0.0%	0	0	0.0%	1,700,530	1,525,942	11.4%	
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	50,278	-100.0%	0	0	0.0%	0	0	0.0%	685,367	875,212	-21.7%	
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	3,414	-100.0%	0	0	0.0%	0	0	0.0%	39,086	43,464	-10.1%	
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	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%	
PJM PEPKO DA OFF-PEAK	Q8	-	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%	
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%	
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	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	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%	
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	54,300	825,010	-93.4%	

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	525	-100.0%	0	0	0.0%	0	0	0.0%	8,620	45,673	-81.1%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	23,400	260,884	-91.0%	0	0	0.0%	0	0	0.0%	2,158,295	5,834,060	-63.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	7,095	20,420	-65.3%	0	0	0.0%	0	0	0.0%	202,951	544,987	-62.8%
PLASTICS	PGP	0	0	0.0%	0	0	0	1,204	164	634.1%	0	0	0.0%	0	0	0.0%	5,594	2,907	92.4%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	38	168	-77.4%	0	0	0.0%	0	0	0.0%	531	2,581	-79.4%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	152	293	-48.1%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	7	7	0.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	37	273	-86.4%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	600	2,150	-72.1%	0	0	0.0%	0	0	0.0%	4,864	5,347	-9.0%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	5,288	12,963	-59.2%	0	0	0.0%	0	0	0.0%	59,990	93,035	-35.5%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	7,409	7,588	-2.4%	0	0	0.0%	5	0	0.0%	66,843	60,168	11.1%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	2,220	1,200	85.0%	0	0	0.0%	0	0	0.0%	7,424	12,975	-42.8%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	350	-100.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	1,235	693	78.2%	0	0	0.0%	0	0	0.0%	7,374	6,751	9.2%
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	-	-	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	600	3,030	-80.2%	0	0	0.0%	0	0	0.0%	16,720	14,857	12.5%
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	1,046	-100.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	9,043	-100.0%	0	0	0.0%	0	0	0.0%	2,254	60,432	-96.3%
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	10	52	-80.8%	0	0	0.0%	0	0	0.0%	534	489	9.2%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	346	203	70.4%	0	0	0.0%	0	0	0.0%	2,028	1,332	52.3%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	7,267	9,468	-23.2%	0	0	0.0%	0	0	0.0%	89,510	66,116	35.4%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	720	569	26.5%	0	0	0.0%	0	0	0.0%	9,796	10,090	-2.9%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	427	645	-33.8%	0	0	0.0%	0	0	0.0%	6,528	5,143	26.9%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	75	202	-62.9%	0	0	0.0%	0	0	0.0%	1,378	2,060	-33.1%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	5,383	4,070	32.3%	0	0	0.0%	0	0	0.0%	45,077	33,714	33.7%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	800	180	344.4%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	87	30	190.0%	0	0	0.0%	0	0	0.0%	2,301	567	305.8%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	2,535	6,877	-63.1%	0	0	0.0%	36	0	0.0%	81,138	43,617	86.0%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	1,790	3,565	-49.8%	0	0	0.0%	0	0	0.0%	70,054	18,648	275.7%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	536	156	243.6%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	665	1,175	-43.4%	0	0	0.0%	0	0	0.0%	17,960	7,450	141.1%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	510	1,010	-49.5%	0	0	0.0%	0	0	0.0%	12,314	5,630	118.7%
SINGAPORE JET KERO VS. GAS	Z0	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	1,265	2,943	-57.0%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	4,115	9,024	-54.4%	0	0	0.0%	5	0	0.0%	66,832	62,267	7.3%
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	30	15	100.0%	0	0	0.0%	0	0	0.0%	70	30	133.3%
SOCAL BASIS SWAP	NS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0	0	0	264	-100.0%	0	0	0.0%	0	0	0.0%	0	5,864	-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	612	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	0	434	-100.0%	0	0	0.0%	0	0	0.0%	0	1,802	-100.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	0	642	-100.0%	0	0	0.0%	0	0	0.0%	6,238	14,877	-58.1%
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%	306	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	4,923	-100.0%	0	0	0.0%	0	0	0.0%	8,226	30,632	-73.1%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0	0	0	0	0.0%	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	0.0%	0	1,285	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0	0	0	546	-100.0%	0	0	0.0%	0	0	0.0%	428	1,630	-73.7%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,526	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	0	428	-100.0%	0	0	0.0%	0	0	0.0%	0	3,028	-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	62	-100.0%	0	0	0.0%	0	0	0.0%	0	8,125	-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	1,611	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	6,646	-100.0%	0	0	0.0%	0	31	-100.0%	8,604	73,126	-88.2%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0	0	0	248	-100.0%	0	0	0.0%	0	0	0.0%	0	248	-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%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0	0	0	62	-100.0%	0	0	0.0%	0	0	0.0%	302	792	-61.9%
TRANSCO ZONE 3 NG INDEX S	Y6	0	-	-	0	-	0	-	-	-	0	-	0	-	-	-	6,256	-	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	620	943	-34.3%	0	0	0.0%	0	646	-100.0%	13,239	17,362	-23.7%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	465	1,457	-68.1%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Futures</b>																			
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	0	3,424	-100.0%	0	0	0.0%	0	0	0.0%	2,870	10,487	-72.6%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	0	0	368	-100.0%	0	0	0.0%	0	0	0.0%	856	6,502	-86.8%
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	0	60	-100.0%	0	0	0.0%	0	0	0.0%	265	321	-17.4%
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	0	1	-100.0%	0	0	0.0%	0	0	0.0%	66	165	-60.0%
ULSD 10PPM CIF NW BALMO S	B1	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	6	-	-
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	8,022	8,845	-9.3%	0	0	0.0%	0	0	0.0%	36,922	52,605	-29.8%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	55,403	43,081	28.6%	0	0	0.0%	0	0	0.0%	423,740	477,451	-11.2%
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	0	1,574	-100.0%	0	0	0.0%	0	0	0.0%	6,064	41,094	-85.2%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	0	248	-100.0%	0	0	0.0%	0	0	0.0%	0	8,668	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	0	580	-100.0%	0	0	0.0%	0	0	0.0%	2,220	8,637	-74.3%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	500	0	0.0%	0	0	0.0%	0	0	0.0%	904	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	43,535	9,619	352.6%	0	0	0.0%	120	0	0.0%	139,552	107,437	29.9%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	57,376	28,291	102.8%	0	1,069	-100.0%	0	0	0.0%	334,225	261,019	28.0%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	1,770	8,934	-80.2%	0	0	0.0%	0	0	0.0%	38,514	23,036	67.2%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	516	2,125	-75.7%	0	0	0.0%	0	0	0.0%	6,080	10,706	-43.2%
<b>Energy Options</b>																			
12 MO GASOIL CAL SWAP SPR	GXZ	0	-	-	0	-	400	-	-	0	-	-	0	-	-	630	-	-	
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%	
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	50	400	-87.5%	0	0	0.0%	0	0	0.0%	5,347	11,628	-54.0%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	975	2,575	-62.1%	0	3,000	-100.0%	0	0	0.0%	34,586	33,790	2.4%
BRENT OIL LAST DAY	BZO	0	0	0.0%	19,464	6,712	1.9	78,437	18,850	316.1%	0	2,473	-100.0%	85,313	16,815	407.4%	245,653	130,829	87.8%
BRENT OIL LAST DAY	OS	0	4	-100.0%	0	0	0	400	-100.0%	0	4,432	-100.0%	144	0	0.0%	3,500	7,798	-55.1%	
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	1,281	2,797	-54.2%	0	0	0.0%	0	0	0.0%	9,452	50,644	-81.3%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	610	101,534	-99.4%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Options</b>																			
COAL API2 INDEX	MTC	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	50	-100.0%	
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	1,380	-100.0%	
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	180	585	-69.2%	
COAL SWAP	RPF	0	0	0.0%	0	0	100	1,000	-90.0%	0	0	0.0%	0	0	0.0%	545	1,086	-49.8%	
CRUDE OIL 1MO	WA	0	0	0.0%	83,405	62,450	0.34	154,125	248,325	-37.9%	0	100	-100.0%	266,593	534,145	-50.1%	1,402,539	1,735,560	-19.2%
CRUDE OIL APO	AO	0	18	-100.0%	8	0	0	112,469	34,121	229.6%	0	7,177	-100.0%	60	0	0.0%	437,073	243,858	79.2%
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	2,290	-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%	
CRUDE OIL OUTRIGHTS	WCI	0	-	-	0	-	1,560	-	-	0	-	-	0	-	-	9,240	-	-	
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	5,555	4,200	32.3%	0	0	0.0%	25	0	0.0%	25,545	32,375	-21.1%
CRUDE OIL PHY	LC	0	660	-100.0%	0	0	0	10,310	2,129	384.3%	0	11,741	-100.0%	13	0	0.0%	229,014	264,974	-13.6%
CRUDE OIL PHY	LO	0	3,069	-100.0%	2,169,415	3,069,488	-0.29	520,570	768,458	-32.3%	0	198,495	-100.0%	26,743,081	25,317,605	5.6%	6,919,370	7,790,010	-11.2%
CRUDE OIL PHY	LO1	0	0	0.0%	9,269	3,147	1.95	0	0	0.0%	0	1,350	-100.0%	122,942	47,540	158.6%	700	150	366.7%
CRUDE OIL PHY	LO2	0	0	0.0%	8,235	3,317	1.48	0	200	-100.0%	0	350	-100.0%	108,641	35,444	206.5%	250	400	-37.5%
CRUDE OIL PHY	LO3	0	15	-100.0%	702	2,811	-0.75	0	50	-100.0%	0	1,215	-100.0%	70,692	21,120	234.7%	200	50	300.0%
CRUDE OIL PHY	LO4	0	0	0.0%	14,786	5,924	1.5	100	0	0.0%	0	1,750	-100.0%	149,457	37,197	301.8%	300	630	-52.4%
CRUDE OIL PHY	LO5	0	0	0.0%	18,627	9,586	0.94	0	0	0.0%	0	585	-100.0%	53,239	23,850	123.2%	250	700	-64.3%
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	27	-100.0%	0	0	0.0%	0	0	0.0%	0	254	-100.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0	0	0	0.0%	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%	75	25	200.0%	
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	325	25	1,200.0%	
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	8,278	10,595	-21.9%	0	0	0.0%	0	0	0.0%	49,341	54,913	-10.1%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	540	-100.0%	0	0	0.0%	0	0	0.0%	1,580	2,858	-44.7%	
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%	
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	-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	872	-100.0%	
HEATING OIL CRACK OPTIONS	CH	0	-	-	0	-	0	-	-	0	-	-	0	-	-	100	-	-	
HEATING OIL CRK SPD AVG PR	3W	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%

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

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<b>Energy Options</b>																			
HEATING OIL PHY	LB	0	24	-100.0%	0	0	0	1,000	0	0.0%	0	165	-100.0%	8	0	0.0%	2,695	60	4,391.7%
HEATING OIL PHY	OH	0	486	-100.0%	3,214	4,410	-0.27	23,758	31,473	-24.5%	0	6,453	-100.0%	43,243	60,516	-28.5%	240,128	408,739	-41.3%
HENRY HUB FINANCIAL LAST	E7	0	26	-100.0%	0	0	0	4,655	2,432	91.4%	0	26	-100.0%	0	0	0.0%	33,038	18,369	79.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	1,700	5,700	-70.2%
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	11,730	-56.5%
LLS CRUDE OIL	YVO	0	-	-	0	-	-	3,000	-	-	0	-	-	0	-	-	3,750	-	-
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	0	270	-100.0%	0	0	0.0%	0	0	0.0%	1,290	8,665	-85.1%
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%	2,100	0	0	35,400	2,050	1,626.8%	0	200	-100.0%	3,420	0	0.0%	330,525	45,429	627.6%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	4,500	200	2,150.0%	0	0	0.0%	0	0	0.0%	8,050	1,200	570.8%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	13,175	53,033	-75.2%	0	250	-100.0%	0	0	0.0%	119,425	226,682	-47.3%
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	8,200	0	0.0%	0	0	0.0%	0	0	0.0%	47,020	4,100	1,046.8%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	7,938	16,008	-50.4%
NATURAL GAS PHY	KD	0	0	0.0%	34,835	45	773.11	23,635	29,210	-19.1%	0	0	0.0%	65,280	45	144,966.7%	285,975	288,486	-0.9%
NATURAL GAS PHY	LN	0	10	-100.0%	1,065,011	591,806	0.8	946,195	1,312,548	-27.9%	0	10,217	-100.0%	8,855,762	3,743,431	136.6%	10,835,416	13,527,530	-19.9%
NATURAL GAS PHY	ON	0	1,364	-100.0%	156,582	198,658	-0.21	6,305	6,676	-5.6%	0	9,961	-100.0%	1,672,360	2,369,263	-29.4%	63,491	60,377	5.2%
NATURAL GAS PHY	ON1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	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	0	1,680	-100.0%	0	0	0.0%	0	0	0.0%	4,030	5,910	-31.8%
NY HARBOR HEAT OIL SWP	AT	0	174	-100.0%	22	0	0	1,950	4,268	-54.3%	0	1,517	-100.0%	468	6	7,700.0%	29,195	50,182	-41.8%
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%	8	0	0	2,160	477	352.8%	0	0	0.0%	8	10	-20.0%	6,892	10,886	-36.7%
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	100	1,065	-90.6%	0	0	0.0%	0	0	0.0%	2,825	5,520	-48.8%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	800	480	66.7%	0	0	0.0%	0	0	0.0%	1,200	1,380	-13.0%
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%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Options</b>																			
PETRO OUTRIGHT EURO	8H	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%	
PJM CALENDAR STRIP	6O	-	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%	
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	0	100	0.0%	0	0	0.0%	0	0	0.0%	3,910	590	562.7%	
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	10,300	-100.0%	
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	44	0.0%	0	0	0.0%	0	0	0.0%	12,669	9,211	37.5%	
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	850	0.0%	0	0	0.0%	0	0	0.0%	4,908	3,400	44.4%	
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	150	-100.0%	0	50	-100.0%	10	0	0.0%	2,350	6,199	-62.1%	
RBOB PHY	OB	0	238	-100.0%	12,717	8,452	0.5	19,348	21,174	-8.6%	0	8,239	-100.0%	62,334	71,422	-12.7%	189,530	263,673	-28.1%
RBOB PHY	RF	0	0	0.0%	0	0	0	875	0	0.0%	0	0	0.0%	0	0	0.0%	960	20	4,700.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	520	-100.0%	
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	900	720	25.0%	0	0	0.0%	0	0	0.0%	2,880	8,568	-66.4%
SHORT TERM	U11	0	0	0.0%	0	0	0	1,550	0	0.0%	0	0	0.0%	0	0	0.0%	5,790	2,250	157.3%
SHORT TERM	U12	0	0	0.0%	0	0	0	800	200	300.0%	0	0	0.0%	0	0	0.0%	4,479	3,530	26.9%
SHORT TERM	U13	0	0	0.0%	10	0	0	200	350	-42.9%	0	0	0.0%	10	0	0.0%	2,285	3,761	-39.2%
SHORT TERM	U14	0	0	0.0%	0	0	0	900	200	350.0%	0	0	0.0%	0	0	0.0%	3,355	4,625	-27.5%
SHORT TERM	U15	0	0	0.0%	25	0	0	625	525	19.0%	0	0	0.0%	25	0	0.0%	4,700	3,125	50.4%
SHORT TERM	U22	0	0	0.0%	25	0	0	1,280	400	220.0%	0	0	0.0%	25	0	0.0%	2,857	3,275	-12.8%
SHORT TERM	U23	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	1,072	1,680	-36.2%
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,570	1,780	44.4%
SHORT TERM	U25	0	0	0.0%	0	0	0	350	0	0.0%	0	0	0.0%	0	0	0.0%	740	505	46.5%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	350	-100.0%	0	0	0.0%	0	0	0.0%	292	1,580	-81.5%
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	0	0.0%	0	0	0.0%	0	0	0.0%	3,315	3,375	-1.8%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	58	0	0	500	250	100.0%	0	0	0.0%	58	0	0.0%	3,425	3,500	-2.1%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	675	-100.0%	0	0	0.0%	0	0	0.0%	2,220	1,620	37.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	870	4,100	-78.8%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	35	0	0	3,530	0	0.0%	0	0	0.0%	35	0	0.0%	6,755	2,725	147.9%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	35	0	0	1,375	575	139.1%	0	0	0.0%	35	0	0.0%	7,000	2,505	179.4%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	3,285	3,500	-6.1%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	600	0	0.0%	0	0	0.0%	0	0	0.0%	4,470	3,222	38.7%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	850	-100.0%	0	0	0.0%	0	0	0.0%	3,600	4,842	-25.7%

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 SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Energy Options</b>																			
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,552	3,995	39.0%	
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	3,670	3,610	1.7%	
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,304	955	246.0%	
SHORT TERM NATURAL GAS	U18	0	0	0.0%	50	0	0	100	0.0%	0	0	0.0%	50	0	0.0%	1,137	2,805	-59.5%	
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	500	100	400.0%	0	0	0.0%	0	0	0.0%	4,185	1,380	203.3%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	425	350	21.4%	0	0	0.0%	0	0	0.0%	3,230	1,380	134.1%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	825	100	725.0%	0	0	0.0%	0	0	0.0%	2,724	675	303.6%
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	900	107.8%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	1,650	0	0.0%	0	0	0.0%	0	0	0.0%	3,255	3,275	-0.6%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	25	200	-87.5%	0	0	0.0%	0	0	0.0%	435	2,725	-84.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	3,420	950	260.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,750	850	576.5%
SINGAPORE FUEL OIL 180 CS	C5	-	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	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	1,200	-100.0%	0	0	0.0%	0	0	0.0%	0	11,200	-100.0%
WTI 12 MONTH CALENDAR OPT	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%	8,072	0	0	57,075	8,150	600.3%	0	0	0.0%	15,160	0	0.0%	319,179	160,200	99.2%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	3,600	0	0	62,150	67,430	-7.8%	0	0	0.0%	4,000	26,126	-84.7%	535,700	1,296,597	-58.7%

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Metals Futures</b>																			
COMEX GOLD	GC	0	5,793	-100.0%	6,981,728	3,772,545	0.85	202,275	137,244	47.4%	0	88,064	-100.0%	50,526,278	40,819,895	23.8%	1,800,232	1,248,765	44.2%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	786	153	4.14	6,709	4,353	54.1%	0	0	0.0%	2,748	4,189	-34.4%	43,245	38,519	12.3%
NYMEX PLATINUM	PL	0	0	0.0%	508,939	435,305	0.17	20,014	10,921	83.3%	0	38	-100.0%	3,443,206	2,783,872	23.7%	114,198	59,524	91.9%
PALLADIUM	PA	0	0	0.0%	76,656	84,492	-0.09	3,962	1,731	128.9%	0	63	-100.0%	1,033,277	965,115	7.1%	56,086	36,046	55.6%
URANIUM	UX	0	0	0.0%	0	0	0	17	200	-91.5%	0	0	0.0%	427	993	-57.0%	4,047	5,700	-29.0%
COMEX SILVER	SI	0	777	-100.0%	1,696,173	1,266,361	0.34	34,227	12,062	183.8%	0	9,422	-100.0%	16,881,039	13,172,064	28.2%	399,886	181,458	120.4%
COMEX E-Mini GOLD	QO	0	0	0.0%	9,049	9,810	-0.08	0	0	0.0%	0	0	0.0%	75,000	98,442	-23.8%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	419	1,068	-0.61	0	0	0.0%	0	0	0.0%	7,613	11,246	-32.3%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	2,282,240	1,285,331	0.78	27,296	1,172	2,229.0%	0	850	-100.0%	19,052,976	14,890,729	28.0%	241,810	24,504	886.8%
COMEX MINY COPPER	QC	0	0	0.0%	401	271	0.48	0	0	0.0%	0	0	0.0%	6,554	4,804	36.4%	0	0	0.0%
ALUMINUM	A38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	71	-57.7%
ALUMINUM	AEP	0	0	0.0%	0	70	-1	804	100	704.0%	0	0	0.0%	78	2,838	-97.3%	22,655	6,301	259.5%
ALUMINUM	ALA	0	-	-	0	-	-	2,910	-	-	0	-	-	0	-	-	5,350	-	-
ALUMINUM	ALI	0	0	0.0%	88	502	-0.82	71	45	57.8%	0	0	0.0%	4,197	5,497	-23.6%	1,021	90	1,034.4%
ALUMINUM	AUP	0	0	0.0%	541	120	3.51	4,073	5,002	-18.6%	0	0	0.0%	2,076	4,690	-55.7%	61,656	48,794	26.4%
ALUMINUM	EDP	0	0	0.0%	0	0	0	240	849	-71.7%	0	0	0.0%	44	80	-45.0%	8,926	4,619	93.2%
ALUMINUM	MJP	0	0	0.0%	39	0	0	1,560	0	0.0%	0	0	0.0%	260	999	-74.0%	11,388	4,524	151.7%
COPPER	HGS	0	0	0.0%	0	0	0	100	75	33.3%	0	0	0.0%	0	0	0.0%	1,518	2,320	-34.6%
E-MICRO GOLD	MGC	0	0	0.0%	126,540	45,233	1.8	0	0	0.0%	0	0	0.0%	839,889	769,205	9.2%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	50	0	0	0	232	-100.0%	0	0	0.0%	85	0	0.0%	715	782	-8.6%
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	-	-	1	-	-	0	-	-
Gold Kilo	GCK	0	0	0.0%	294	3,914	-0.92	0	0	0.0%	0	0	0.0%	3,123	43,935	-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	580	0	0.0%	0	0	0.0%	0	0	0.0%	8,562	2,470	246.6%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	127	342	-0.63	4,429	12,362	-64.2%	0	0	0.0%	2,590	4,798	-46.0%	80,022	144,353	-44.6%
LNDN ZINC	ZNC	0	0	0.0%	10	0	0	0	0	0.0%	0	0	0.0%	95	200	-52.5%	0	0	0.0%
METALS	LED	0	0	0.0%	0	10	-1	0	0	0.0%	0	0	0.0%	0	25	-100.0%	0	0	0.0%
SILVER	SIL	0	0	0.0%	5,614	7,214	-0.22	0	0	0.0%	0	0	0.0%	53,419	77,976	-31.5%	0	0	0.0%



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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	
<b>Metals Options</b>																			
COMEX COPPER	HX	0	115	-100.0%	17,787	3,072	4.79	0	800	-100.0%	0	1,188	-100.0%	54,129	21,368	153.3%	2,679	4,096	-34.6%
COMEX GOLD	OG	0	27,785	-100.0%	819,893	474,094	0.73	211,100	137,097	54.0%	0	576,161	-100.0%	5,887,525	5,124,702	14.9%	1,714,857	1,315,883	30.3%
COMEX SILVER	SO	0	5,218	-100.0%	119,402	119,932	0	10,601	9,994	6.1%	0	71,014	-100.0%	996,933	902,812	10.4%	116,725	87,289	33.7%
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%	2,619	742	2.53	200	0	0.0%	0	86	-100.0%	26,586	9,412	182.5%	650	100	550.0%
GOLD	OG2	0	50	-100.0%	1,552	852	0.82	0	88	-100.0%	0	290	-100.0%	26,345	8,199	221.3%	2,658	1,738	52.9%
GOLD	OG3	0	0	0.0%	3,547	853	3.16	250	350	-28.6%	0	90	-100.0%	30,832	7,406	316.3%	1,915	650	194.6%
GOLD	OG4	0	0	0.0%	2,837	262	9.83	100	20	400.0%	0	0	0.0%	16,288	4,835	236.9%	250	295	-15.3%
GOLD	OG5	0	0	0.0%	3,840	518	6.41	0	0	0.0%	0	200	-100.0%	9,631	2,654	262.9%	0	100	-100.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	2,620	480	445.8%	0	0	0.0%	0	0	0.0%	15,822	35,989	-56.0%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	1,960	5,060	-61.3%	0	0	0.0%	0	0	0.0%	23,655	29,246	-19.1%
NYMEX PLATINUM	PO	0	64	-100.0%	1,196	1,173	0.02	1,337	4,538	-70.5%	0	2,254	-100.0%	9,929	6,902	43.9%	14,901	30,982	-51.9%
PALLADIUM	PAO	0	0	0.0%	1,543	287	4.38	2,395	2,469	-3.0%	0	322	-100.0%	10,391	2,281	355.5%	38,925	26,551	46.6%
SILVER	SO1	0	0	0.0%	0	122	-1	0	0	0.0%	0	0	0.0%	517	144	259.0%	25	0	0.0%
SILVER	SO2	0	0	0.0%	0	45	-1	0	0	0.0%	0	0	0.0%	194	46	321.7%	0	0	0.0%
SILVER	SO3	0	0	0.0%	8	84	-0.9	0	0	0.0%	0	0	0.0%	585	284	106.0%	0	0	0.0%
SILVER	SO4	0	0	0.0%	14	52	-0.73	0	0	0.0%	0	0	0.0%	128	72	77.8%	0	0	0.0%
SILVER	SO5	0	0	0.0%	1	244	-1	0	0	0.0%	0	0	0.0%	4	250	-98.4%	0	0	0.0%
<b>TOTAL FUTURES GROUP</b>																			
Commodities and Alternative Investments Future		0	0	0.0%	5	569	-99.1%	0	0	0.0%	0	0	0.0%	181	3,694	-95.1%	0	0	0.0%
Energy Futures		0	553	-100.0%	44,480,693	40,690,262	9.3%	3,051,928	3,694,056	-17.4%	0	26,316	-100.0%	395,188,643	346,742,486	14.0%	33,845,555	41,418,901	-18.3%
Metals Futures		0	6,570	-100.0%	11,689,694	6,912,741	69.1%	309,267	186,348	66.0%	0	98,437	-100.0%	91,934,975	73,661,592	24.8%	2,861,347	1,808,840	58.2%
<b>TOTAL FUTURES</b>		<b>0</b>	<b>7,123</b>	<b>-100.0%</b>	<b>56,170,392</b>	<b>47,603,572</b>	<b>18.0%</b>	<b>3,361,195</b>	<b>3,880,404</b>	<b>-13.4%</b>	<b>0</b>	<b>124,753</b>	<b>-100.0%</b>	<b>487,123,799</b>	<b>420,407,772</b>	<b>15.9%</b>	<b>36,706,902</b>	<b>43,227,741</b>	<b>-15.1%</b>
<b>TOTAL OPTIONS GROUP</b>																			
Energy Options		0	6,088	-100.0%	3,610,310	3,966,806	-9.0%	2,126,320	2,645,828	-19.6%	0	270,246	-100.0%	38,322,491	32,304,537	18.6%	22,608,184	27,023,789	-16.3%
Metals Options		0	33,232	-100.0%	974,239	602,332	61.7%	230,563	160,896	43.3%	0	651,605	-100.0%	7,070,017	6,091,367	16.1%	1,933,062	1,532,919	26.1%
<b>TOTAL OPTIONS</b>		<b>0</b>	<b>39,320</b>	<b>-100.0%</b>	<b>4,584,549</b>	<b>4,569,138</b>	<b>0.3%</b>	<b>2,356,883</b>	<b>2,806,724</b>	<b>-16.0%</b>	<b>0</b>	<b>921,851</b>	<b>-100.0%</b>	<b>45,392,508</b>	<b>38,395,904</b>	<b>18.2%</b>	<b>24,541,246</b>	<b>28,556,708</b>	<b>-14.1%</b>

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

Commodity Indicator	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 2016	% CHG	CME ClearPort SEP 2017	CME ClearPort SEP 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
<b>TOTAL COMBINED</b>																		
Commodities and Alternative Investments	0	0	0.0%	5	569	-99.1%	0	0	0.0%	0	0	0.0%	181	3,694	-95.1%	0	0	0.0%
Energy	0	6,641	-100.0%	48,091,003	44,657,068	7.7%	5,178,248	6,339,884	-18.3%	0	296,562	-100.0%	433,511,134	379,047,023	14.4%	56,453,739	68,442,690	-17.5%
Metals	0	39,802	-100.0%	12,663,933	7,515,073	68.5%	539,830	347,244	55.5%	0	750,042	-100.0%	99,004,992	79,752,959	24.1%	4,794,409	3,341,759	43.5%
<b>GRAND TOTAL</b>	<b>0</b>	<b>46,443</b>	<b>-100.0%</b>	<b>60,754,941</b>	<b>52,172,710</b>	<b>16.4%</b>	<b>5,718,078</b>	<b>6,687,128</b>	<b>-14.5%</b>	<b>0</b>	<b>1,046,604</b>	<b>-100.0%</b>	<b>532,516,307</b>	<b>458,803,676</b>	<b>16.1%</b>	<b>61,248,148</b>	<b>71,784,449</b>	<b>-14.7%</b>

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