

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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%	3	182	-0.98	0	0	0.0%	0	0	0.0%	53	870	-93.9%	0	0	0.0%
COFFEE	KT	0	0	0.0%	20	6	2.33	0	0	0.0%	0	0	0.0%	20	72	-72.2%	0	0	0.0%
COTTON	TT	0	0	0.0%	1	14	-0.93	0	0	0.0%	0	0	0.0%	4	294	-98.6%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	0	60	-1	0	0	0.0%	0	0	0.0%	18	242	-92.6%	0	0	0.0%
<b>Energy Futures</b>																			
CRUDE OIL PHY	CL	0	1,573	-100.0%	20,732,464	22,957,887	-0.1	492,928	632,284	-22.0%	0	12,637	-100.0%	88,404,403	90,907,428	-2.8%	2,192,293	2,895,646	-24.3%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	4,930	-100.0%	0	0	0.0%	200	0	0.0%	27,723	71,350	-61.1%
MINY WTI CRUDE OIL	QM	0	0	0.0%	190,045	293,961	-0.35	0	0	0.0%	0	0	0.0%	915,347	1,258,595	-27.3%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,813,407	2,225,836	-0.19	26,352	17,241	52.8%	0	0	0.0%	7,703,885	9,007,532	-14.5%	90,674	79,449	14.1%
HEATING OIL PHY	HO	0	142	-100.0%	2,868,583	3,007,364	-0.05	223,155	217,983	2.4%	0	567	-100.0%	12,244,380	11,574,086	5.8%	999,999	873,277	14.5%
HTG OIL	BH	0	0	0.0%	0	0	0	48	4,345	-98.9%	0	0	0.0%	0	0	0.0%	48	5,166	-99.1%
MINY HTG OIL	QH	0	0	0.0%	1	8	-0.88	0	0	0.0%	0	0	0.0%	11	33	-66.7%	0	0	0.0%
RBOB PHY	RB	0	59	-100.0%	3,419,759	3,280,884	0.04	301,870	182,127	65.7%	0	273	-100.0%	15,149,316	13,528,576	12.0%	1,134,804	642,945	76.5%
MINY RBOB GAS	QU	0	0	0.0%	3	4	-0.25	0	0	0.0%	0	0	0.0%	20	17	17.6%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	30,910	9,676	2.19	96,860	85,330	13.5%	0	800	-100.0%	116,410	34,540	237.0%	484,470	394,481	22.8%
LTD NAT GAS	HH	0	0	0.0%	74,213	73,054	0.02	155,701	153,691	1.3%	0	0	0.0%	416,520	297,881	39.8%	740,443	715,544	3.5%
MINY NATURAL GAS	QG	0	0	0.0%	20,689	23,014	-0.1	0	0	0.0%	0	0	0.0%	125,238	101,133	23.8%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	64	-100.0%	0	0	0.0%	0	0	0.0%	120	718	-83.3%
NATURAL GAS PHY	NG	0	118	-100.0%	7,658,386	8,116,382	-0.06	252,800	233,351	8.3%	0	1,085	-100.0%	33,315,665	28,602,190	16.5%	1,227,469	866,308	41.7%
RBOB GAS	RT	0	0	0.0%	0	0	0	1,598	1,346	18.7%	0	0	0.0%	0	0	0.0%	6,658	5,391	23.5%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	0	393	-100.0%	0	0	0.0%	0	0	0.0%	847	1,290	-34.3%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	50	20	150.0%	0	0	0.0%	0	0	0.0%	170	135	25.9%
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	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	0	0	0	1,712	-100.0%	0	0	0.0%	0	0	0.0%	0	1,712	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	0	610	-100.0%	0	0	0.0%	0	0	0.0%	0	2,991	-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	2,928	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0	0	0	35	-100.0%	0	0	0.0%	0	0	0.0%	0	105	-100.0%

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<b>Energy Futures</b>																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	7,270	8,499	-14.5%	0	0	0.0%	0	0	0.0%	29,415	50,293	-41.5%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	1,108	2,451	-54.8%	0	0	0.0%	0	0	0.0%	5,470	5,570	-1.8%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	855	884	-3.3%	0	0	0.0%	0	0	0.0%	4,217	3,679	14.6%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	97	451	-78.5%	0	0	0.0%	0	0	0.0%	916	1,411	-35.1%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	113	0	0.0%	0	0	0.0%	0	0	0.0%	138	730	-81.1%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	1,018	2,670	-61.9%	0	0	0.0%	0	0	0.0%	11,567	10,281	12.5%
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	74	559	-86.8%	0	0	0.0%	0	0	0.0%	11,356	1,755	547.1%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,394	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	86	-100.0%	0	0	0.0%	0	0	0.0%	0	146	-100.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	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	294	375	-21.6%	0	0	0.0%	0	0	0.0%	2,559	3,585	-28.6%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	6,636	-100.0%	0	0	0.0%	0	0	0.0%	534	7,270	-92.7%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CENTER POINT NAT GAS FIXED	DAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	165	1,283	-0.87	107,761	92,885	16.0%	0	0	0.0%	1,082	4,147	-73.9%	496,681	359,317	38.2%
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	101	242	-58.3%	0	0	0.0%	0	0	0.0%	782	1,292	-39.5%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,425	-100.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	3,749	-100.0%	0	0	0.0%	0	0	0.0%	186	25,942	-99.3%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	720	930	-22.6%
CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	0	0	45,440	24,000	89.3%	0	0	0.0%	0	0	0.0%	182,680	162,920	12.1%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	4,440	0	0.0%	0	0	0.0%	0	0	0.0%	10,105	11,000	-8.1%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	91,160	32,000	184.9%	0	0	0.0%	0	0	0.0%	226,200	590,704	-61.7%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	5,500	1,710	221.6%	0	0	0.0%	0	0	0.0%	20,000	47,236	-57.7%
COAL SWAP	ACM	0	0	0.0%	0	0	0	245	165	48.5%	0	0	0.0%	0	0	0.0%	910	1,655	-45.0%
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	45	-100.0%	0	0	0.0%	0	0	0.0%	0	122	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	1,902	-100.0%	0	0	0.0%	0	0	0.0%	0	13,508	-100.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0	0	0	2,208	-100.0%	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%	0	3,108	-100.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	203	114	78.1%	0	0	0.0%	0	0	0.0%	1,054	955	10.4%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	840	204	311.8%	0	0	0.0%	0	0	0.0%	3,269	279	1,071.7%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	6,317	8,249	-23.4%	0	0	0.0%	19	0	0.0%	32,675	25,890	26.2%
CRUDE OIL	CHB	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
CRUDE OIL	LPS	0	0	0.0%	0	0	0	3,350	5,404	-38.0%	0	0	0.0%	0	0	0.0%	14,270	22,759	-37.3%
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	3,007	44	6,734.1%	0	0	0.0%	0	0	0.0%	3,532	227	1,455.9%
CRUDE OIL OUTRIGHTS	CC5	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	150	-	-
CRUDE OIL OUTRIGHTS	CSN	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	30	-	-
CRUDE OIL OUTRIGHTS	CSW	0	-	-	0	-	0	375	-	-	0	-	0	-	-	0	880	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	600	50	1,100.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	110	-	-
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	11,775	1,232	855.8%	0	0	0.0%	0	0	0.0%	36,646	2,432	1,406.8%
CRUDE OIL OUTRIGHTS	LSW	0	-	-	0	-	0	30	-	-	0	-	0	-	-	0	30	-	-
CRUDE OIL OUTRIGHTS	SSW	0	-	-	0	-	0	105	-	-	0	-	0	-	-	0	120	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	2,625	5,758	-54.4%	0	0	0.0%	0	0	0.0%	23,547	24,788	-5.0%
CRUDE OIL OUTRIGHTS	WCW	0	-	-	0	-	0	3,725	-	-	0	-	0	-	-	0	3,845	-	-
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	325	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	8,784	1,518	478.7%	0	0	0.0%	0	0	0.0%	25,054	4,547	451.0%
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	0	0.0%

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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	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	335	-91.2%	0	0	0.0%	0	0	0.0%	4,145	6,860	-39.6%	
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DEMARC SWING SWAP	DT	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DIESEL10PPM BARG VS ICE LS	LSE	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DLY GAS EURO-BOB OXY	GBR	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	2,635	-100.0%	0	0	0.0%	0	0	0.0%	0	11,045	-100.0%	
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	0	3,171	-87.6%	0	0	0.0%	0	0	0.0%	38,996	79,242	-50.8%	
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	4,000	226.5%	0	0	0.0%	0	0	0.0%	29,204	4,096	613.0%	
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%	1,500	0	0.0%	
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	200	-78.0%	0	0	0.0%	0	0	0.0%	3,214	3,997	-19.6%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	244	0.0%	0	0	0.0%	0	0	0.0%	1,140	36	3,066.7%	
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	501	-41.8%	0	0	0.0%	0	0	0.0%	3,183	5,762	-44.8%	
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%	
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%	
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%	
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%	
ELEC ERCOT OFF PEAK	O1	-	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	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%	
ELEC MISO PEAK	4L	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	55	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	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%	
ELECTRICITY OFF PEAK	46	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%	
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%	
ELEC WEST POWER OFF-PEAK	MDA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ELEC WEST POWER PEAK	MDC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,540	-	-	

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 APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
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	372	-100.0%	
ERCOT NORTH ZMCPE 5MW OF	CPL	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
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%	0	4,280	-100.0%	
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	830	235	253.2%	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	3,555	3,033	17.2%	0	0	0.0%	0	0	0.0%	14,860	8,599	72.8%
EU LOW SULPHUR GASOIL CRA	LSC	-	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	5	0	0.0%	0	0	0.0%	0	0.0%	10	210	-95.2%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	355	567	-37.4%	0	0	0.0%	0	0.0%	2,281	1,438	58.6%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	220	486	-54.7%	0	0	0.0%	0	0.0%	1,864	2,483	-24.9%	
EURO-DENOMINATED PETRO P	IBE	-	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	440	0	0.0%	0	0	0.0%	0	0.0%	1,340	70	1,814.3%	
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0.0%	0	3	-100.0%	
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0.0%	198	295	-32.9%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	145	148	-2.0%	0	0	0.0%	0	0.0%	545	684	-20.3%	
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	6	13	-53.8%	0	0	0.0%	0	0.0%	16	114	-86.0%	
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	60	585	-89.7%	0	0	0.0%	0	0.0%	1,094	1,782	-38.6%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	6,271	5,539	13.2%	0	0	0.0%	0	0.0%	38,781	26,389	47.0%	
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	2,095	155,509	-0.99	0	2,400	-100.0%	0	0	0.0%	11,099	1,190,660	-99.1%	0	77,400	-100.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	389	152	155.9%	0	0	0.0%	0	0.0%	1,534	638	140.4%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	5,224	3,369	55.1%	0	0	0.0%	0	0.0%	28,955	14,190	104.1%	
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0.0%	416	11,828	-96.5%	
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	12	0	0.0%	0	0	0.0%	0	0.0%	48	38	26.3%	
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	2,615	1,312	99.3%	0	0	0.0%	0	0.0%	10,924	4,623	136.3%	
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	906	1,562	-42.0%	0	0	0.0%	0	0.0%	4,835	4,162	16.2%	
FL GAS ZONE 3 NAT GAS IND	Q9	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0	-	-	
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0	0	0	184	-100.0%	0	0	0.0%	0	0.0%	0	736	-100.0%	
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	60	192	-68.8%	0	0	0.0%	0	0.0%	345	847	-59.3%	
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	2,781	4,810	-42.2%	0	0	0.0%	0	0.0%	15,149	16,862	-10.2%	
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	0.0%	
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0.0%	0	161	-100.0%	
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0.0%	0	54	-100.0%	
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	167	464	-64.0%	0	0	0.0%	0	0.0%	1,135	2,202	-48.5%	
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	7,766	7,695	0.9%	0	0	0.0%	0	0.0%	31,384	31,215	0.5%	

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
GAS EURO-BOB OXY NWE BAR	7K	0	0.0%	0	0	0	16,439	13,070	25.8%	0	0	0.0%	0	0	0.0%	82,580	62,975	31.1%	
GASOIL 0.1 BRGS FOB VS IC	6V	0	0.0%	0	0	0	0	5	-100.0%	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%	
GASOIL 0.1 CIF MED BALMO	X6	-	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	60	-100.0%	
GASOIL 0.1CIF MED VS ICE	Z5	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	80	-37.5%	
GASOIL 0.1 CIF NWE VS ISE	TU	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
GASOIL 0.1 CIF VS ICE GAS	8W	0	0.0%	0	0	0	0	5	-100.0%	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	5	-100.0%	
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0.0%	0	0	0	120	10	1,100.0%	0	0	0.0%	0	0	0.0%	120	49	144.9%	
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	45	0	0.0%	
GASOIL 10P CRG CIF NW VS	3V	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%	
GASOIL 10PPM CARGOES CIF	TY	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%	
GASOIL 10PPM VS ICE SWAP	TP	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	460	54	751.9%	
GASOIL BULLET SWAP	BG	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
GASOIL CALENDAR SWAP	GX	0	0.0%	0	0	0	15	132	-88.6%	0	0	0.0%	0	0	0.0%	33	200	-83.5%	
GASOIL CRACK SPREAD CALE	GZ	0	0.0%	0	0	0	8,585	3,880	121.3%	0	0	0.0%	0	0	0.0%	32,668	7,468	337.4%	
GASOIL MINI CALENDAR SWAP	QA	0	0.0%	0	0	0	78	173	-54.9%	0	0	0.0%	0	0	0.0%	655	997	-34.3%	
GASOLINE UP-DOWN BALMO S	1K	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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%	
GROUP THREE ULSD (PLATTS)	A7	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
GRP THREE ULSD(PLT)VS HEA	A6	0	0.0%	0	0	0	5,111	1,590	221.4%	0	0	0.0%	0	0	0.0%	11,506	8,985	28.1%	
GRP THREE UNL GS (PLT) VS	A8	0	0.0%	0	0	0	815	750	8.7%	0	0	0.0%	0	0	0.0%	2,554	4,740	-46.1%	
GULF COAST 3% FUEL OIL BA	VZ	0	0.0%	0	0	0	1,246	1,015	22.8%	0	0	0.0%	0	0	0.0%	4,735	3,979	19.0%	
GULF COAST GASOLINE CLND	GS	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	208	410	-49.3%	0	0	0.0%	0	0	0.0%	456	533	-14.4%	
GULF COAST JET VS NYM 2 H	ME	0	0.0%	0	0	0	26,486	32,116	-17.5%	0	0	0.0%	0	0	0.0%	175,712	128,563	36.7%	
GULF COAST NO.6 FUEL OIL	MF	0	0.0%	0	0	0	53,106	56,300	-5.7%	0	0	0.0%	0	0	0.0%	247,144	247,495	-0.1%	
GULF COAST NO.6 FUEL OIL	MG	0	0.0%	0	0	0	1,555	72	2,059.7%	0	0	0.0%	0	0	0.0%	6,969	4,338	60.7%	
GULF COAST ULSD CALENDAR	LY	0	0.0%	0	0	0	543	835	-35.0%	0	0	0.0%	0	3	-100.0%	1,573	3,886	-59.5%	
GULF COAST ULSD CRACK SP	GY	0	0.0%	0	0	0	0	1,497	-100.0%	0	0	0.0%	0	0	0.0%	1,000	3,447	-71.0%	
HEATING OIL BALMO CLNDR S	1G	0	0.0%	0	0	0	195	45	333.3%	0	0	0.0%	0	0	0.0%	370	220	68.2%	
HEATING OIL CRCK SPRD BAL	1H	0	-	-	0	-	0	-	-	0	-	-	0	-	-	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%	

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
HEATING OIL VS ICE GASOIL	HA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	0	10,231	43,226	-76.3%	0	0	0.0%	2,996	0	0.0%	32,338	118,109	-72.6%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	10,231	42,126	-75.7%	0	0	0.0%	2,996	0	0.0%	30,760	110,932	-72.3%
HENRY HUB SWAP	NN	0	0	0.0%	6,606	275,172	-0.98	162,467	189,478	-14.3%	0	736	-100.0%	44,204	860,619	-94.9%	584,007	1,265,980	-53.9%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	290	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	969	124	681.5%	0	0	0.0%	0	0	0.0%	969	12,848	-92.5%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	17,660	0	0.0%	0	0	0.0%	0	0	0.0%	42,093	10	420,830.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	50	-1	2,850	1,776	60.5%	0	0	0.0%	0	50	-100.0%	2,850	14,276	-80.0%
INDIANA MISO	FAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FDM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FTM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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%	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PTM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	60	-91.7%
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	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	20	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	403	229	76.0%	0	0	0.0%	0	0	0.0%	1,805	2,141	-15.7%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	3,053	886	244.6%	0	0	0.0%	0	0	0.0%	6,937	4,678	48.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	652	20	3,160.0%	0	0	0.0%	0	0	0.0%	779	287	171.4%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	0	19	-100.0%	0	0	0.0%	0	0	0.0%	0	44	-100.0%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	90	115	-21.7%	0	0	0.0%	0	0	0.0%	380	300	26.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	30	-66.7%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	6,478	4,773	35.7%	0	0	0.0%	0	0	0.0%	30,067	15,813	90.1%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	150	935	-84.0%	0	0	0.0%	0	0	0.0%	685	3,152	-78.3%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	50	225	-77.8%	0	0	0.0%	0	0	0.0%	700	4,000	-82.5%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	25	685	-96.4%

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 APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	650	1,750	-62.9%	0	0	0.0%	0	0	0.0%	6,960	7,162	-2.8%
LLS (ARGUS) CALENDAR SWAP	XA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	5,690	4,910	15.9%	0	0	0.0%	0	0	0.0%	21,175	25,294	-16.3%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	3,030	4,700	-35.5%	0	0	0.0%	0	0	0.0%	14,161	25,593	-44.7%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	15,725	6,865	129.1%	0	0	0.0%	0	0	0.0%	96,002	35,972	166.9%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	4,581	438	945.9%	0	0	0.0%	0	0	0.0%	9,765	4,409	121.5%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	0	0	0	38,311	194,340	-80.3%	0	0	0.0%	0	0	0.0%	212,638	825,356	-74.2%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	5,319	18,847	-71.8%	0	0	0.0%	0	0	0.0%	25,677	102,230	-74.9%
MGF FUT	MGF	0	0	0.0%	0	0	0	35	40	-12.5%	0	0	0.0%	0	0	0.0%	197	100	97.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	90	111	-18.9%	0	0	0.0%	0	0	0.0%	542	656	-17.4%
MICHCON NG INDEX SWAP	Y8	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	3,786	-100.0%	0	0	0.0%	0	0	0.0%	2,592	7,533	-65.6%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	59,040	127,640	-53.7%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,195	7,240	-55.9%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	509	426	19.5%	0	0	0.0%	0	0	0.0%	1,645	1,563	5.2%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	236	0	0.0%	0	0	0.0%	0	0	0.0%	1,182	696	69.8%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	3,289	1,109	196.6%	0	0	0.0%	0	0	0.0%	9,798	4,420	121.7%
MJB FUT	MJB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	70	-100.0%	0	0	0.0%	0	0	0.0%	260	368	-29.3%
MNC FUT	MNC	0	0	0.0%	0	0	0	4,538	4,238	7.1%	0	0	0.0%	0	0	0.0%	18,139	16,399	10.6%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	18,279	49,524	-63.1%	0	0	0.0%	0	0	0.0%	132,967	145,088	-8.4%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	200	65	207.7%	0	0	0.0%	0	0	0.0%	1,925	480	301.0%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	37	4	8.25	64,110	84,992	-24.6%	0	0	0.0%	100	36	177.8%	378,361	350,479	8.0%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	1,366	107	1,176.6%	0	0	0.0%	0	0	0.0%	9,076	1,996	354.7%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	2,554	6,409	-60.1%	0	0	0.0%	0	0	0.0%	18,833	36,945	-49.0%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	155	213	-27.2%	0	0	0.0%	0	0	0.0%	1,371	838	63.6%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	29,639	17,438	70.0%	0	0	0.0%	0	0	0.0%	123,959	98,504	25.8%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	405	165	145.5%	0	0	0.0%	0	0	0.0%	4,202	2,380	76.6%
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	453	3,786	-88.0%	0	0	0.0%	0	0	0.0%	1,737	10,034	-82.7%
NATURAL GAS	HBI	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
NATURAL GAS	XIC	0	-	-	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%

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
NATURAL GAS FIXED PRICE S	DSF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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%	
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%	
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%	
NATURAL GAS FIXED PRICE S	Z5P	-	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%	
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	656	610	7.5%	
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	61,205	-23.5%	0	92	-100.0%	51	0	0.0%	419,774	439,028	-4.4%	
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0	0	11,925	-100.0%	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	635	-100.0%	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	64,300	439.2%	0	0	0.0%	0	0	0.0%	221,100	56,997	287.9%	
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	3,480	448.0%	0	0	0.0%	0	0	0.0%	10,400	3,470	199.7%	
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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	-100.0%	
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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%	
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%	
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%	
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%	
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%	
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	-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	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%	
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	530	-51.4%	0	0	0.0%	0	0	0.0%	2,405	8,840	-72.8%	
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%	
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	0	5,222	-100.0%	0	0	0.0%	0	0	0.0%	744	18,822	-96.0%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,280	-100.0%	
NGPL MIDCONTINENT SWING S	PX	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	0	1,984	-100.0%	0	0	0.0%	0	0	0.0%	800	20,060	-96.0%
NGPL TEXOK INDEX	OI	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 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	425	325.0%	0	0	0.0%	0	0	0.0%	2,635	2,375	10.9%	



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
NORTHERN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	0	684	-100.0%	0	0	0.0%	0	0	0.0%	0	1,047	-100.0%
NORTHERN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	2,467	-100.0%	0	0	0.0%	0	0	0.0%	0	4,076	-100.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0	0	368	23,616	-98.4%	0	0	0.0%	0	60	-100.0%	614	81,011	-99.2%
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	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	2,042	2,188	-6.7%	0	0	0.0%	0	0	0.0%	10,930	8,003	36.6%
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%	0	189	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	800	125	540.0%	0	0	0.0%	0	0	0.0%	2,260	725	211.7%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	25	30	-16.7%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	0	3,254	927	251.0%	0	24	-100.0%	3	3	0.0%	10,050	11,821	-15.0%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	345	1,725	-80.0%	0	0	0.0%	0	0	0.0%	2,173	2,850	-23.8%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	2,769	3,036	-8.8%	0	0	0.0%	0	0	0.0%	13,680	18,568	-26.3%
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	1,374	896	53.3%	0	0	0.0%	0	0	0.0%	7,355	4,938	48.9%
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	0	0.0%
NYISO A	KA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	LHV	0	-	-	0	-	0	12	-	-	0	-	-	0	-	-	207	-	-
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	84	30	180.0%	0	0	0.0%	0	0	0.0%	1,380	567	143.4%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	75	185	-59.5%	0	0	0.0%	0	0	0.0%	760	758	0.3%
NYISO G	KG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO J	KJ	0	0	0.0%	0	0	0	0	86	-100.0%	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	40	-100.0%	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	70,440	-100.0%	0	0	0.0%	0	0	0.0%	9,360	193,440	-95.2%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	0	210	-100.0%	0	0	0.0%	0	0	0.0%	6,705	640	947.7%
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	0.0%	0	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	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	46,800	100,840	-53.6%	0	0	0.0%	0	0	0.0%	259,200	280,750	-7.7%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	2,990	945	216.4%	0	0	0.0%	0	0	0.0%	24,550	11,829	107.5%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	23,400	9,352	150.2%	0	0	0.0%	0	0	0.0%	133,000	102,952	29.2%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	1,705	512	233.0%	0	0	0.0%	0	0	0.0%	9,345	7,767	20.3%
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%

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
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%	
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	275	12	2,191.7%	0	0	0.0%	0	0	0.0%	7,047	2,542	177.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	186	-100.0%	0	0	0.0%	0	0	0.0%	0	945	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	160	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,750	-100.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	140	90	55.6%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	330	210	57.1%	0	0	0.0%	0	0	0.0%	540	440	22.7%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	11,777	-100.0%	0	0	0.0%	0	0	0.0%	48	32,360	-99.9%
PANHANDLE INDEX SWAP FUT	IV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	558	-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	214	3,298	-93.5%	0	0	0.0%	0	0	0.0%	214	14,075	-98.5%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	64	101	-36.6%	0	0	0.0%	0	0	0.0%	306	198	54.5%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	90	19	373.7%	0	0	0.0%	0	0	0.0%	504	170	196.5%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	156	107	45.8%	0	0	0.0%	0	0	0.0%	2,823	886	218.6%
PETROCHEMICALS	9I	0	0	0.0%	0	0	0	165	338	-51.2%	0	0	0.0%	0	0	0.0%	949	554	71.3%
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETROCHEMICALS	LPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	110	-54.5%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	10	140	-92.9%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	20	30	-33.3%	0	0	0.0%	0	0	0.0%	115	200	-42.5%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	440	2,590	-83.0%	0	0	0.0%	0	0	0.0%	4,035	10,485	-61.5%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	1,093	505	116.4%	0	0	0.0%	0	0	0.0%	3,602	5,228	-31.1%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	105	1,050	-90.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	264	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	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	0	58	-100.0%	0	0	0.0%	0	0	0.0%	610	228	167.5%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	1,775	1,514	17.2%	0	0	0.0%	0	0	0.0%	11,758	5,903	99.2%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	1,125	875	28.6%	0	0	0.0%	0	0	0.0%	3,490	2,700	29.3%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	815	175	365.7%	0	0	0.0%	0	0	0.0%	3,205	175	1,731.4%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	350	50	600.0%	0	0	0.0%	0	0	0.0%	675	1,125	-40.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	984	683	44.1%	0	0	0.0%	0	0	0.0%	5,495	2,898	89.6%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	17	-100.0%	0	0	0.0%	0	0	0.0%	0	35	-100.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	5,924	9,681	-38.8%	0	0	0.0%	0	0	0.0%	29,088	33,953	-14.3%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	485	0	0.0%

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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 NA	HOB	0	0	0.0%	0	0	0	4,561	3,057	49.2%	0	0	0.0%	0	0	0.0%	10,762	18,959	-43.2%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	86	420	-79.5%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	600	100	500.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	6,815	8,156	-16.4%	0	0	0.0%	0	0	0.0%	36,210	35,377	2.4%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	19,560	6,861	185.1%	0	0	0.0%	0	0	0.0%	66,571	27,189	144.8%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	19	-68.4%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	847	1,005	-15.7%	0	0	0.0%	0	0	0.0%	5,851	8,512	-31.3%
PETRO CRK&SPRD EURO	1ND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	296	158	87.3%	0	0	0.0%	0	0	0.0%	906	709	27.8%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	2,021	2,003	0.9%	0	0	0.0%	0	0	0.0%	9,551	9,145	4.4%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	68	70	-2.9%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	282	320	-11.9%	0	0	0.0%	0	0	0.0%	1,530	654	133.9%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	2,292	2,212	3.6%	0	0	0.0%	0	0	0.0%	12,882	5,498	134.3%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	190	-100.0%	0	0	0.0%	0	0	0.0%	0	360	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	560	-28.6%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	39	-100.0%	0	0	0.0%	0	0	0.0%	35	39	-10.3%
PETRO CRK&SPRD EURO	LSU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	160	61	162.3%	0	0	0.0%	0	0	0.0%	646	416	55.3%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	26	5	420.0%	0	0	0.0%	0	0	0.0%	64	80	-20.0%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	1,170	116	908.6%	0	0	0.0%	0	0	0.0%	4,498	1,234	264.5%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	155	25	520.0%
PETRO CRK&SPRD EURO	SFC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D44	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D45	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D46	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
PETROLEUM PRODUCTS	D64	-	0	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	0.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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

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<b>Energy Futures</b>																			
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	3,058	0	0.0%	0	0	0.0%	0	0	0.0%	13,097	50	26,094.0%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	471	-83.0%
PETROLEUM PRODUCTS	MHE	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,178	-100.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	200	12	1,566.7%	0	0	0.0%	0	0	0.0%	704	884	-20.4%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	47	205	-77.1%	0	0	0.0%	0	0	0.0%	62	362	-82.9%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	2,044	1,291	58.3%	0	0	0.0%	0	0	0.0%	7,436	4,715	57.7%
PETROLEUM PRODUCTS ASIA	MSB	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
PETRO OUTRIGHT EURO	0A	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	0	294	-100.0%	0	0	0.0%	0	0	0.0%	43	669	-93.6%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	76	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	1,787	4,686	-61.9%	0	0	0.0%	0	0	0.0%	10,642	18,992	-44.0%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	551	1,259	-56.2%	0	0	0.0%	0	0	0.0%	2,618	3,604	-27.4%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	1,720	970	77.3%	0	0	0.0%	0	0	0.0%	5,763	3,903	47.7%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	12	0	0.0%	0	0	0.0%	0	0	0.0%	48	20	140.0%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	0	42	-100.0%	0	0	0.0%	0	0	0.0%	80	164	-51.2%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	30	105	-71.4%	0	0	0.0%	0	0	0.0%	334	400	-16.5%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	105	195	-46.2%	0	0	0.0%	0	0	0.0%	462	537	-14.0%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	50	270	-81.5%	0	0	0.0%	0	0	0.0%	409	700	-41.6%
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	119	273	-56.4%	0	0	0.0%	0	0	0.0%	837	998	-16.1%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	CBB	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	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	75	107	-29.9%	0	0	0.0%	0	0	0.0%	1,693	187	805.3%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	50	75	-33.3%	0	0	0.0%	0	0	0.0%	270	281	-3.9%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	166	0	0.0%	0	0	0.0%	0	0	0.0%	296	90	228.9%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	82	-100.0%	0	0	0.0%	0	0	0.0%	60	508	-88.2%
PETRO OUTRIGHT EURO	ESB	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	1,145	125	816.0%	0	0	0.0%	0	0	0.0%	3,119	587	431.3%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	120	34	252.9%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	280	1,126	-75.1%	0	0	0.0%	0	0	0.0%	2,518	4,327	-41.8%

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

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<b>Energy Futures</b>																			
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	65	-100.0%	0	0	0.0%	0	0	0.0%	110	187	-41.2%	
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	375	90	316.7%	
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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	50	-100.0%	
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT EURO	Y0	-	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	32	89	-64.0%	0	0	0.0%	0	0	0.0%	554	226	145.1%	
PETRO OUTRIGHT NA	FOB	-	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	30	0	0.0%	0	0	0.0%	0	0	0.0%	40	3	1,233.3%	
PETRO OUTRIGHT NA	GBA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
PETRO OUTRIGHT NA	GUD	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	18	439	-95.9%	
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	3,283	1,550	111.8%	0	0	0.0%	0	0	0.0%	18,352	7,170	156.0%	
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	135	0	0.0%	
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	797	828	-3.7%	0	0	0.0%	0	0	0.0%	3,047	3,369	-9.6%	
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	9,124	8,899	2.5%	0	0	0.0%	0	0	0.0%	46,879	36,962	26.8%	
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	44	-100.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%	
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	40	259	-84.6%	0	0	0.0%	0	0	0.0%	363	668	-45.7%	
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	625	0	0.0%	
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	35,370	-100.0%	0	0	0.0%	0	0	0.0%	264,125	690,936	-61.8%	
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	2,550	9,100	-72.0%	0	0	0.0%	0	0	0.0%	18,710	40,724	-54.1%	
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	0	0.0%	0	0	0.0%	0	0	0.0%	46,800	0	0.0%	
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,550	0	0.0%	
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0	0	23,400	-100.0%	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	1,275	-100.0%	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	46,800	93,600	-50.0%	0	0	0.0%	0	0	0.0%	85,390	187,200	-54.4%	
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0	2,550	5,100	-50.0%	0	0	0.0%	0	0	0.0%	4,675	10,200	-54.2%	
PJM DAILY	JD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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 DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0	0	8,000	-100.0%	0	0	0.0%	0	0	0.0%	211,995	21,305	895.0%	
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,250	765	586.3%	
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	34,130	248.3%	0	0	0.0%	0	0	0.0%	68,765	19,043	261.1%	
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	662,960	232.4%	0	0	0.0%	0	0	0.0%	1,573,230	554,837	183.5%	
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	504,194	316.3%	0	0	0.0%	0	0	0.0%	658,287	298,835	120.3%	
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	19,594	284.2%	0	0	0.0%	0	0	0.0%	36,476	12,948	181.7%	
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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 PEP CO 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	46,800	-100.0%	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	2,550	-100.0%	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	257,400	-100.0%	0	0	0.0%	0	0	0.0%	7,500	417,490	-98.2%	
PJM WESTH DA PEAK	J4	0	0	0.0%	0	0	0	880	-93.7%	0	0	0.0%	0	0	0.0%	1,340	20,960	-93.6%	
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	653,480	-16.2%	0	0	0.0%	0	0	0.0%	1,216,815	3,442,961	-64.7%	
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	31,817	-45.5%	0	0	0.0%	0	0	0.0%	86,239	289,729	-70.2%	
PLASTICS	PGP	0	0	0.0%	0	0	0	723	44.3%	0	0	0.0%	0	0	0.0%	2,118	1,801	17.6%	
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	10	-97.9%	0	0	0.0%	0	0	0.0%	231	1,520	-84.8%	
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	14	-73.6%	0	0	0.0%	0	0	0.0%	35	161	-78.3%	
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	2	250.0%	
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	36	-100.0%	0	0	0.0%	0	0	0.0%	32	146	-78.1%	
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	122	0.0%	0	0	0.0%	0	0	0.0%	3,451	949	263.6%	
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	5,219	-56.5%	0	0	0.0%	0	0	0.0%	36,670	35,052	4.6%	
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	7,253	6.658	0	0	0.0%	0	0	0.0%	29,394	21,429	37.2%	
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	360	619	-41.8%	0	0	0.0%	0	0	0.0%	1,979	7,902	-75.0%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	471	24	1,862.5%	0	0	0.0%	0	0	0.0%	2,413	2,200	9.7%
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%	

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
RBOB (PLATTS) CAL SWAP	RY	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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	9,203	-100.0%	
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	625	1,675	-62.7%	0	0	0.0%	0	0	0.0%	9,585	5,006	91.5%
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	736	-100.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	214	11,310	-98.1%	0	0	0.0%	0	0	0.0%	214	20,966	-99.0%
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	110	181	-39.2%	0	0	0.0%	0	0	0.0%	242	304	-20.4%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	307	103	198.1%	0	0	0.0%	0	0	0.0%	847	554	52.9%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	9,680	6,062	59.7%	0	0	0.0%	0	0	0.0%	50,251	22,988	118.6%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	1,307	1,280	2.1%	0	0	0.0%	0	0	0.0%	5,397	5,067	6.5%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	678	284	138.7%	0	0	0.0%	0	0	0.0%	3,593	1,452	147.5%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	125	255	-51.0%	0	0	0.0%	0	0	0.0%	653	1,248	-47.7%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	4,199	3,491	20.3%	0	0	0.0%	0	0	0.0%	20,659	12,722	62.4%
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%	400	0	0.0%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	400	90	344.4%	0	0	0.0%	0	0	0.0%	1,574	187	741.7%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	13	0	0	8,734	9,414	-7.2%	0	0	0.0%	13	0	0.0%	44,937	14,290	214.5%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	4,855	1,030	371.4%	0	0	0.0%	0	0	0.0%	44,275	4,660	850.1%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	257	56	358.9%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	2,275	805	182.6%	0	0	0.0%	0	0	0.0%	9,580	3,030	216.2%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	1,125	550	104.5%	0	0	0.0%	0	0	0.0%	5,769	2,290	151.9%
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	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	315	1,350	-76.7%	0	0	0.0%	0	0	0.0%	422	2,235	-81.1%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	1	0	0	7,668	7,380	3.9%	0	0	0.0%	1	0	0.0%	34,544	28,104	22.9%
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	10	5	100.0%	0	0	0.0%	0	0	0.0%	35	5	600.0%
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	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,600	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0	0	0	368	-100.0%	0	0	0.0%	0	0	0.0%	0	368	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	522	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	0	264	-100.0%	0	0	0.0%	0	0	0.0%	0	264	-100.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	702	1,976	-64.5%	0	0	0.0%	0	0	0.0%	3,656	4,208	-13.1%

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
SUMAS NAT GAS PLATTS FIXE	DVS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
TC2 ROTTERDAM TO USAC 37K	TM	-	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	15	-100.0%	
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	4,868	1,862.9%	248	0	0.0%	0	0	0.0%	7,216	13,571	-46.8%	
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%	
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	1,037	-100.0%	
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	428	0	0.0%	
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	428	-100.0%	
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	788	-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	-100.0%	1,352	0	0.0%	0	0	0.0%	0	4,062	-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	881	-100.0%	
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	-100.0%	10,180	0	0.0%	0	0	0.0%	7,547	34,983	-78.4%	
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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	302	0.0%	0	0	0.0%	0	0	0.0%	302	490	-38.4%	
TRANSCO ZONE 3 NG INDEX S	Y6	0	-	-	0	-	0	6,256	-	0	-	-	0	-	-	6,256	-	-	
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	403	-90.1%	4,055	0	0.0%	0	0	0.0%	5,891	10,705	-45.0%	
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0	0	465	-6.3%	496	0	0.0%	0	0	0.0%	465	496	-6.3%	
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	0	-100.0%	711	0	0.0%	0	0	0.0%	2,870	4,169	-31.2%	
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	0	0	-100.0%	1,720	0	0.0%	0	0	0.0%	856	4,554	-81.2%	
TRANSCO ZONE 6 PIPE SWAP	XZ4	-	0	0.0%	-	0	0	-	0.0%	0	0	0.0%	-	0	0.0%	-	0	0.0%	
UCM FUT	UCM	0	0	0.0%	0	0	0	20	0.0%	20	0	0.0%	0	0	0.0%	81	120	-32.5%	
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	0	0	0	-100.0%	35	0	0.0%	0	0	0.0%	0	35	-100.0%	
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0	0	15	-57.1%	35	0	0.0%	0	0	0.0%	25	42	-40.5%	
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	15	0.0%	0	0	0.0%	0	0	0.0%	21	75	-72.0%	
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	35	-100.0%	
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	2,715	-51.5%	5,600	0	0.0%	0	0	0.0%	17,105	13,110	30.5%	
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	32,710	-37.4%	52,226	0	0.0%	0	0	0.0%	173,478	211,863	-18.1%	
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	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	151	-94.8%	2,879	0	0.0%	0	0	0.0%	882	14,610	-94.0%	
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	0	-100.0%	3,060	0	0.0%	0	0	0.0%	0	4,520	-100.0%	
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	195	-88.1%	1,635	0	0.0%	0	0	0.0%	735	5,096	-85.6%	

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	404	0	0.0%	
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	120	0	0	5,065	5,785	-12.4%	0	0	0.0%	120	0	0.0%	32,697	42,777	-23.6%
WTI CALENDAR	CS	0	494	-100.0%	0	0	0	36,677	32,131	14.1%	0	572	-100.0%	0	0	0.0%	149,449	128,823	16.0%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	6,270	0	0.0%	0	0	0.0%	0	0	0.0%	16,659	4,220	294.8%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	0	1,740	-100.0%	0	0	0.0%	0	0	0.0%	2,410	3,305	-27.1%
<b>Energy Options</b>																			
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	20	4,000	-99.5%	0	0	0.0%	0	0	0.0%	1,982	6,061	-67.3%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	8,572	2,517	240.6%	0	0	0.0%	0	0	0.0%	14,680	15,666	-6.3%
BRENT OIL LAST DAY	BZO	0	0	0.0%	1,468	917	0.6	14,565	4,300	238.7%	0	0	0.0%	15,005	918	1,534.5%	58,850	16,190	263.5%
BRENT OIL LAST DAY	OS	0	1,231	-100.0%	0	0	0	0	0	0.0%	0	1,412	-100.0%	48	0	0.0%	1,000	5,298	-81.1%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	1,445	2,480	-41.7%	0	0	0.0%	0	0	0.0%	5,331	28,705	-81.4%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	0	22,150	-100.0%	0	0	0.0%	0	0	0.0%	580	86,359	-99.3%
COAL API2 INDEX	MTC	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	50	150	-66.7%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	130	-100.0%	0	0	0.0%	0	0	0.0%	0	1,330	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	140	385	-63.6%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	85	46	84.8%
CRUDE OIL 1MO	WA	0	0	0.0%	10,670	102,496	-0.9	113,100	87,400	29.4%	0	0	0.0%	82,053	144,984	-43.4%	581,700	673,650	-13.6%
CRUDE OIL APO	AO	0	1,580	-100.0%	30	0	0	40,198	20,010	100.9%	0	5,040	-100.0%	40	0	0.0%	137,878	82,093	68.0%
CRUDE OIL CALNDR STRIP	6F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	1,135	2,100	-46.0%	0	0	0.0%	0	0	0.0%	6,560	11,975	-45.2%
CRUDE OIL PHY	LC	0	321	-100.0%	0	0	0	36,890	22,870	61.3%	0	5,456	-100.0%	9	0	0.0%	133,930	187,755	-28.7%
CRUDE OIL PHY	LO	0	33,342	-100.0%	3,181,044	2,869,386	0.11	798,054	760,178	5.0%	0	140,794	-100.0%	11,917,664	11,712,475	1.8%	2,930,871	3,692,276	-20.6%
CRUDE OIL PHY	LO1	0	250	-100.0%	10,115	1,757	4.76	100	0	0.0%	0	250	-100.0%	36,708	20,168	82.0%	100	0	0.0%
CRUDE OIL PHY	LO2	0	0	0.0%	6,413	3,019	1.12	0	0	0.0%	0	0	0.0%	32,134	17,337	85.3%	150	200	-25.0%
CRUDE OIL PHY	LO3	0	0	0.0%	13,478	71	188.83	0	0	0.0%	0	0	0.0%	29,330	7,245	304.8%	200	0	0.0%
CRUDE OIL PHY	LO4	0	300	-100.0%	20,137	4,051	3.97	0	230	-100.0%	0	300	-100.0%	46,415	15,430	200.8%	0	430	-100.0%

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
CRUDE OIL PHY	LO5	0	585	-100.0%	0	3,405	-1	0	0	0.0%	0	585	-100.0%	13,633	10,290	32.5%	0	0	0.0%
DAILY CRUDE OIL	DNM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	PML	0	0	0.0%	0	0	0	0	37	-100.0%	0	0	0.0%	0	0	0.0%	0	111	-100.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	820	0	0.0%
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	15	0	0.0%	0	0	0.0%	0	0	0.0%	65	25	160.0%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	25	1,100.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	5,395	8,731	-38.2%	0	0	0.0%	0	0	0.0%	21,707	22,785	-4.7%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	515	950	-45.8%	0	0	0.0%	0	0	0.0%	770	1,168	-34.1%
EURO-DENOMINATED PETRO P	EFB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE N	30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
GASOIL CRACK SPREAD AVG P	3U	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	872	-100.0%
HEATING OIL CRK SPD AVG PR	3W	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	0	-	-
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	0	0	0.0%	0	44	-100.0%	0	0	0.0%	900	60	1,400.0%
HEATING OIL PHY	OH	0	839	-100.0%	4,867	5,883	-0.17	21,718	46,099	-52.9%	0	3,735	-100.0%	18,391	31,576	-41.8%	87,352	191,404	-54.4%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	3,480	978	255.8%	0	0	0.0%	0	0	0.0%	16,141	5,069	218.4%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	1,300	1,000	30.0%	0	0	0.0%	0	0	0.0%	1,300	5,700	-77.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	1,830	-100.0%	0	0	0.0%	0	0	0.0%	5,100	4,530	12.6%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	540	6,390	-91.5%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	450	-100.0%	0	0	0.0%	0	0	0.0%	0	1,350	-100.0%
NATURAL GAS	G10	0	0	0.0%	0	0	0	250	0	0.0%	0	0	0.0%	0	0	0.0%	250	500	-50.0%
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%	0	0	0	109,700	2,625	4,079.0%	0	200	-100.0%	0	0	0.0%	165,700	30,655	440.5%
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%	2,750	1,000	175.0%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	5,750	22,125	-74.0%	0	250	-100.0%	0	0	0.0%	19,650	57,932	-66.1%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	825	650	26.9%	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	0	0	0.0%	0	0	0.0%	0	0	0.0%	33,870	4,100	726.1%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	120	40	200.0%	0	0	0.0%	0	0	0.0%	3,800	11,378	-66.6%
NATURAL GAS PHY	KD	0	0	0.0%	811	0	0	28,455	38,346	-25.8%	0	0	0.0%	1,344	0	0.0%	117,635	136,902	-14.1%
NATURAL GAS PHY	LN	0	229	-100.0%	817,960	361,847	1.26	1,055,854	1,179,469	-10.5%	0	7,680	-100.0%	3,345,241	1,036,349	222.8%	5,789,362	6,450,958	-10.3%
NATURAL GAS PHY	ON	0	1,014	-100.0%	156,092	282,039	-0.45	1,489	11,196	-86.7%	0	5,361	-100.0%	809,582	1,081,385	-25.1%	26,220	39,581	-33.8%

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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>																			
NATURAL GAS PHY	ON1	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
NATURAL GAS PHY	ON5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	0	0	0	0.0%	0	250	-100.0%	0	0	0.0%	0	0	0.0%	
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	450	630	-28.6%	0	0	0.0%	0	0	0.0%	1,506	1,350	11.6%
NY HARBOR HEAT OIL SWP	AT	0	95	-100.0%	31	0	0	3,159	2,651	19.2%	0	766	-100.0%	215	0	0.0%	12,028	23,560	-48.9%
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	0	0.0%
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	-	-	0	-	-	
PETROCHEMICALS	4H	0	0	0.0%	0	0	0	515	2,640	-80.5%	0	0	0.0%	0	0	0.0%	2,297	7,430	-69.1%
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	255	0	0.0%	0	0	0.0%	0	0	0.0%	2,180	1,950	11.8%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	18	0	0.0%	0	0	0.0%	0	0	0.0%	18	495	-96.4%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%
PGE CITYGATE PIPE SWAP	CW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM CALENDAR STRIP	6O	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM ELECTRIC	6OO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	JO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	480	0	0.0%	0	0	0.0%	0	0	0.0%	2,540	140	1,714.3%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10,300	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	1,752	164	968.3%	0	0	0.0%	0	0	0.0%	9,919	1,364	627.2%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	1,700	-100.0%	0	0	0.0%	0	0	0.0%	0	1,700	-100.0%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	460	1,000	-54.0%	0	48	-100.0%	0	0	0.0%	2,025	2,125	-4.7%
RBOB PHY	OB	0	1,162	-100.0%	4,148	8,695	-0.52	31,720	38,585	-17.8%	0	6,484	-100.0%	21,247	35,376	-39.9%	72,339	143,531	-49.6%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	20	200.0%
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%	0	280	-100.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	270	1,122	-75.9%	0	0	0.0%	0	0	0.0%	900	1,122	-19.8%
SHORT TERM	U11	0	0	0.0%	0	0	0	400	150	166.7%	0	0	0.0%	0	0	0.0%	1,170	1,300	-10.0%
SHORT TERM	U12	0	0	0.0%	0	0	0	325	100	225.0%	0	0	0.0%	0	0	0.0%	920	1,530	-39.9%
SHORT TERM	U13	0	0	0.0%	0	0	0	50	1,036	-95.2%	0	0	0.0%	0	0	0.0%	975	2,536	-61.6%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	1,400	-100.0%	0	0	0.0%	0	0	0.0%	800	3,225	-75.2%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	1,615	1,400	15.4%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	450	1,650	-72.7%

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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	U23	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	620	300	106.7%	
SHORT TERM	U24	0	0	0.0%	0	0	730	0	0.0%	0	0	0.0%	0	0	0.0%	1,230	550	123.6%	
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	205	-51.2%	
SHORT TERM	U26	0	0	0.0%	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	20	1,080	-98.1%	
SHORT TERM CRUDE OIL	C02	-	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	425	0	0.0%	0	0	0.0%	0	0	0.0%	1,150	2,075	-44.6%	
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	800	-100.0%	0	0	0.0%	0	0	0.0%	855	2,975	-71.3%	
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	890	300	196.7%	
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	125	425	-70.6%	0	0	0.0%	0	0	0.0%	200	1,500	-86.7%	
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	550	650	-15.4%	0	0	0.0%	0	0	0.0%	600	1,450	-58.6%	
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	600	550	9.1%	0	0	0.0%	0	0	0.0%	4,500	1,280	251.6%	
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	500	1,000	-50.0%	0	0	0.0%	0	0	0.0%	1,675	3,000	-44.2%	
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	347	-100.0%	0	0	0.0%	0	0	0.0%	1,850	1,347	37.3%	
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,380	1,347	2.4%	
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	3,700	2,715	36.3%	
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	1,285	-68.9%	
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,155	380	203.9%	
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	125	-100.0%	0	0	0.0%	0	0	0.0%	0	1,000	-100.0%	
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	805	780	3.2%	
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	50	200	-75.0%	0	0	0.0%	0	0	0.0%	1,525	730	108.9%	
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	250	50	400.0%	0	0	0.0%	0	0	0.0%	665	475	40.0%	
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	120	300	-60.0%	0	0	0.0%	0	0	0.0%	1,870	300	523.3%	
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	45	1,200	-96.3%	0	0	0.0%	0	0	0.0%	245	1,925	-87.3%	
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	750	-100.0%	0	0	0.0%	0	0	0.0%	0	2,075	-100.0%	
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	660	500	32.0%	
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,385	750	351.3%	
SINGAPORE FUEL OIL 180 CS	C5	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SINGAPORE GASOIL CALEND	M2	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 CALEND	N2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10,000	-100.0%	
WTI 12 MONTH CALENDAR OPT	WZ	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	300	0	30,973	5,400	473.6%	0	0	0.0%	3,840	0	0.0%	187,293	105,490	77.5%	
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	4,509	27,200	135,600	-79.9%	0	0	0.0%	0	10,926	-100.0%	199,300	738,655	-73.0%	

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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	6,768	-100.0%	4,461,090	3,703,316	0.2	151,076	106,635	41.7%	0	47,474	-100.0%	20,383,912	17,169,652	18.7%	718,742	488,203	47.2%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	152	685	-0.78	1,030	7,891	-86.9%	0	0	0.0%	728	2,014	-63.9%	11,722	21,010	-44.2%
NYMEX PLATINUM	PL	0	22	-100.0%	274,939	239,283	0.15	5,636	3,888	45.0%	0	38	-100.0%	1,386,755	1,157,034	19.9%	41,925	23,962	75.0%
PALLADIUM	PA	0	0	0.0%	92,121	87,971	0.05	5,740	3,480	64.9%	0	63	-100.0%	427,334	406,220	5.2%	22,442	14,350	56.4%
URANIUM	UX	0	0	0.0%	0	20	-1	200	1,100	-81.8%	0	0	0.0%	412	739	-44.2%	2,082	4,300	-51.6%
COMEX SILVER	SI	0	1,597	-100.0%	2,056,271	1,905,854	0.08	64,606	35,592	81.5%	0	5,350	-100.0%	6,671,830	5,652,432	18.0%	168,290	90,801	85.3%
COMEX E-Mini GOLD	QO	0	0	0.0%	7,370	11,692	-0.37	0	0	0.0%	0	0	0.0%	38,377	41,361	-7.2%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	720	1,389	-0.48	0	0	0.0%	0	0	0.0%	3,406	3,579	-4.8%	0	0	0.0%
COMEX COPPER	HG	0	11	-100.0%	2,238,991	1,993,397	0.12	27,794	2,120	1,211.0%	0	454	-100.0%	8,008,170	6,612,236	21.1%	126,713	14,589	768.6%
COMEX MINY COPPER	QC	0	0	0.0%	790	528	0.5	0	0	0.0%	0	0	0.0%	3,614	2,830	27.7%	0	0	0.0%
Aluminium MW Trans Prem Platts	AUP	0	0	0.0%	132	291	-0.55	4,821	5,562	-13.3%	0	0	0.0%	939	1,835	-48.8%	33,801	23,640	43.0%
ALUMINIUM	A38	0	-	-	0	-	0	-	-	0	-	-	0	-	-	30	-	-	
ALUMINIUM	AEP	0	0	0.0%	20	345	-0.94	1,385	1,350	2.6%	0	0	0.0%	60	2,208	-97.3%	15,399	2,771	455.7%
ALUMINIUM	ALA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	100	-	-	
ALUMINIUM	ALI	0	0	0.0%	220	757	-0.71	0	0	0.0%	0	0	0.0%	3,414	2,372	43.9%	620	0	0.0%
ALUMINIUM	EDP	0	0	0.0%	0	0	0	375	144	160.4%	0	0	0.0%	2	0	0.0%	975	240	306.3%
ALUMINIUM	MJP	0	0	0.0%	0	1	-1	0	160	-100.0%	0	0	0.0%	10	646	-98.5%	4,648	1,654	181.0%
COPPER	HGS	0	0	0.0%	0	0	0	307	504	-39.1%	0	0	0.0%	0	0	0.0%	923	1,061	-13.0%
E-MICRO GOLD	MGC	0	0	0.0%	84,964	87,153	-0.03	0	0	0.0%	0	0	0.0%	345,221	350,385	-1.5%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	0	0	0	30	390	-92.3%	0	0	0.0%	35	0	0.0%	180	390	-53.8%
FERROUS PRODUCTS	SSF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	GPS	0	-	-	0	-	0	0	-	0	-	-	0	-	-	0	-	-	
Gold Kilo	GCK	0	0	0.0%	230	3,861	-0.94	0	0	0.0%	0	0	0.0%	1,631	24,316	-93.3%	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%
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%	1,292	1,190	8.6%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	301	498	-0.4	11,048	19,375	-43.0%	0	0	0.0%	1,529	3,105	-50.8%	42,497	86,793	-51.0%
LNDN ZINC	ZNC	0	0	0.0%	15	0	0	0	0	0.0%	0	0	0.0%	35	79	-55.7%	0	0	0.0%
METALS	LED	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
SILVER	SIL	0	0	0.0%	4,643	9,938	-0.53	0	0	0.0%	0	0	0.0%	19,690	30,600	-35.7%	0	0	0.0%



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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	50	-100.0%	3,989	2,072	0.93	0	0	0.0%	0	950	-100.0%	13,253	6,579	101.4%	2,679	296	805.1%
COMEX GOLD	OG	0	39,240	-100.0%	627,619	529,109	0.19	156,373	103,689	50.8%	0	330,622	-100.0%	2,450,183	2,550,739	-3.9%	684,048	600,740	13.9%
COMEX SILVER	SO	0	11,843	-100.0%	103,427	122,308	-0.15	10,357	20,271	-48.9%	0	35,371	-100.0%	367,784	389,156	-5.5%	50,876	41,245	23.4%
COPPER	H4E	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	OG1	0	60	-100.0%	2,331	444	4.25	0	0	0.0%	0	86	-100.0%	9,606	3,764	155.2%	0	100	-100.0%
GOLD	OG2	0	90	-100.0%	2,514	253	8.94	300	0	0.0%	0	240	-100.0%	9,238	3,135	194.7%	600	950	-36.8%
GOLD	OG3	0	30	-100.0%	3,763	522	6.21	50	150	-66.7%	0	30	-100.0%	12,144	2,968	309.2%	1,210	250	384.0%
GOLD	OG4	0	0	0.0%	1,897	685	1.77	100	150	-33.3%	0	0	0.0%	4,663	2,072	125.0%	100	150	-33.3%
GOLD	OG5	0	0	0.0%	0	1,054	-1	0	0	0.0%	0	200	-100.0%	2,608	1,510	72.7%	0	100	-100.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	3,250	4,636	-29.9%	0	0	0.0%	0	0	0.0%	7,832	31,031	-74.8%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	460	2,940	-84.4%	0	0	0.0%	0	0	0.0%	12,685	13,230	-4.1%
NYMEX PLATINUM	PO	0	489	-100.0%	895	406	1.2	1,700	3,315	-48.7%	0	1,566	-100.0%	2,514	2,257	11.4%	7,839	14,490	-45.9%
PALLADIUM	PAO	0	12	-100.0%	1,333	93	13.33	3,369	1,899	77.4%	0	272	-100.0%	3,418	513	566.3%	10,179	11,774	-13.5%
SILVER	SO1	0	0	0.0%	111	0	0	0	0	0.0%	0	0	0.0%	223	12	1,758.3%	0	0	0.0%
SILVER	SO2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	140	1	13,900.0%	0	0	0.0%
SILVER	SO3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	180	5	3,500.0%	0	0	0.0%
SILVER	SO4	0	0	0.0%	7	1	6	0	0	0.0%	0	0	0.0%	43	9	377.8%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	1	-1	0	0	0.0%	0	0	0.0%	0	6	-100.0%	0	0	0.0%
<b>TOTAL FUTURES GROUP</b>																			
Commodities and Alternative Investments Future		0	0	0.0%	24	262	-90.8%	0	0	0.0%	0	0	0.0%	95	1,478	-93.6%	0	0	0.0%
Energy Futures		0	2,386	-100.0%	36,817,497	40,420,088	-8.9%	4,831,948	4,881,700	-1.0%	0	16,786	-100.0%	158,454,079	157,367,589	0.7%	17,288,059	20,723,480	-16.6%
Metals Futures		0	8,398	-100.0%	9,222,969	8,046,979	14.6%	274,048	188,191	45.6%	0	53,379	-100.0%	37,297,104	31,463,643	18.5%	1,192,381	774,954	53.9%
<b>TOTAL FUTURES</b>		<b>0</b>	<b>10,784</b>	<b>-100.0%</b>	<b>46,040,490</b>	<b>48,467,329</b>	<b>-5.0%</b>	<b>5,105,996</b>	<b>5,069,891</b>	<b>0.7%</b>	<b>0</b>	<b>70,165</b>	<b>-100.0%</b>	<b>195,751,278</b>	<b>188,832,710</b>	<b>3.7%</b>	<b>18,480,440</b>	<b>21,498,434</b>	<b>-14.0%</b>
<b>TOTAL OPTIONS GROUP</b>																			
Energy Options		0	40,948	-100.0%	4,227,564	3,648,075	15.9%	2,350,687	2,442,676	-3.8%	0	178,655	-100.0%	16,372,899	14,124,459	15.9%	10,723,194	12,874,001	-16.7%
Metals Options		0	51,814	-100.0%	747,886	656,948	13.8%	175,959	137,050	28.4%	0	369,337	-100.0%	2,875,997	2,962,726	-2.9%	778,048	714,356	8.9%
<b>TOTAL OPTIONS</b>		<b>0</b>	<b>92,762</b>	<b>-100.0%</b>	<b>4,975,450</b>	<b>4,305,023</b>	<b>15.6%</b>	<b>2,526,646</b>	<b>2,579,726</b>	<b>-2.1%</b>	<b>0</b>	<b>547,992</b>	<b>-100.0%</b>	<b>19,248,896</b>	<b>17,087,185</b>	<b>12.7%</b>	<b>11,501,242</b>	<b>13,588,357</b>	<b>-15.4%</b>

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

Commodity Indicator	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 2016	% CHG	CME ClearPort APR 2017	CME ClearPort APR 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%	24	262	-90.8%	0	0	0.0%	0	0	0.0%	95	1,478	-93.6%	0	0	0.0%
Energy	0	43,334	-100.0%	41,045,061	44,068,163	-6.9%	7,182,635	7,324,376	-1.9%	0	195,441	-100.0%	174,826,978	171,492,048	1.9%	28,011,253	33,597,481	-16.6%
Metals	0	60,212	-100.0%	9,970,855	8,703,927	14.6%	450,007	325,241	38.4%	0	422,716	-100.0%	40,173,101	34,426,369	16.7%	1,970,429	1,489,310	32.3%
<b>GRAND TOTAL</b>	<b>0</b>	<b>103,546</b>	<b>-100.0%</b>	<b>51,015,940</b>	<b>52,772,352</b>	<b>-3.3%</b>	<b>7,632,642</b>	<b>7,649,617</b>	<b>-0.2%</b>	<b>0</b>	<b>618,157</b>	<b>-100.0%</b>	<b>215,000,174</b>	<b>205,919,895</b>	<b>4.4%</b>	<b>29,981,682</b>	<b>35,086,791</b>	<b>-14.5%</b>

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