

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

	Commodity Indicator	Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 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
Commodities and Alternative Investments																			
Futures																			
COCOA TAS	CJ	0	0	0.0%	21	213	-0.9	0	0	0.0%	0	0	0.0%	74	1,083	-93.2%	0	0	0.0%
COFFEE	KT	0	0	0.0%	20	7	1.86	0	0	0.0%	0	0	0.0%	40	79	-49.4%	0	0	0.0%
COTTON	TT	0	0	0.0%	10	14	-0.29	0	0	0.0%	0	0	0.0%	14	308	-95.5%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	7	40	-0.83	0	0	0.0%	0	0	0.0%	25	282	-91.1%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	1,798	-100.0%	26,861,596	20,914,705	0.28	664,149	562,323	18.1%	0	14,435	-100.0%	115,265,999	111,822,133	3.1%	2,856,442	3,457,969	-17.4%
CRUDE OIL	WS	0	0	0.0%	4	0	0	5,352	852	528.2%	0	0	0.0%	204	0	0.0%	33,075	72,202	-54.2%
MINY WTI CRUDE OIL	QM	0	0	0.0%	337,645	313,784	0.08	0	0	0.0%	0	0	0.0%	1,252,992	1,572,379	-20.3%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	2,364,058	1,761,018	0.34	21,337	17,129	24.6%	0	0	0.0%	10,067,943	10,768,550	-6.5%	112,011	96,578	16.0%
HEATING OIL PHY	HO	0	61	-100.0%	3,604,751	3,150,682	0.14	262,613	253,792	3.5%	0	628	-100.0%	15,849,131	14,724,768	7.6%	1,262,612	1,127,069	12.0%
HTG OIL	BH	0	0	0.0%	36	0	0	0	36	-100.0%	0	0	0.0%	36	0	0.0%	48	5,202	-99.1%
MINY HTG OIL	QH	0	0	0.0%	2	7	-0.71	0	0	0.0%	0	0	0.0%	13	40	-67.5%	0	0	0.0%
RBOB PHY	RB	0	51	-100.0%	4,029,069	3,594,816	0.12	314,430	195,934	60.5%	0	324	-100.0%	19,178,385	17,123,392	12.0%	1,449,234	838,879	72.8%
MINY RBOB GAS	QU	0	0	0.0%	4	3	0.33	0	0	0.0%	0	0	0.0%	24	20	20.0%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	52,920	10,681	3.95	120,586	94,665	27.4%	0	800	-100.0%	169,330	45,221	274.4%	605,056	489,146	23.7%
LTD NAT GAS	HH	0	0	0.0%	125,949	62,313	1.02	176,834	115,144	53.6%	0	0	0.0%	542,469	360,194	50.6%	917,277	830,688	10.4%
MINY NATURAL GAS	QG	0	0	0.0%	22,023	22,730	-0.03	0	0	0.0%	0	0	0.0%	147,261	123,863	18.9%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	1,960	-100.0%	0	0	0.0%	0	0	0.0%	120	2,678	-95.5%
NATURAL GAS PHY	NG	0	345	-100.0%	9,064,621	6,886,881	0.32	325,206	202,385	60.7%	0	1,430	-100.0%	42,380,286	35,489,071	19.4%	1,552,675	1,068,693	45.3%
RBOB GAS	RT	0	0	0.0%	0	0	0	1,602	1,000	60.2%	0	0	0.0%	0	0	0.0%	8,260	6,391	29.2%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	25	209	-88.0%	0	0	0.0%	0	0	0.0%	872	1,499	-41.8%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	170	165	3.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	0	0	0	2,448	-100.0%	0	0	0.0%	0	0	0.0%	0	4,160	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	0	302	-100.0%	0	0	0.0%	0	0	0.0%	0	3,293	-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	240	-100.0%	0	0	0.0%	0	0	0.0%	0	3,168	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	130	-100.0%

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		Open	Open		ELEC	ELEC		CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity		Outcry	Outcry	%	MAY	MAY	%	ClearPort	ClearPort	%	Outcry	Outcry	%	Y.T.D	Y.T.D	%	ClearPort	ClearPort	%
Indicator		MAY	MAY	CHG	2017	2016	CHG	MAY 2017	MAY 2016	CHG	Y.T.D	Y.T.D	CHG	2017	2016	CHG	Y.T.D	Y.T.D	% CHG
		2017	2016								2017	2016					2017	2016	
Energy Futures																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	60	0	0	4,035	19,013	-78.8%	0	0	0.0%	60	0	0.0%	33,450	69,306	-51.7%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	1,327	2,039	-34.9%	0	0	0.0%	0	0	0.0%	6,797	7,609	-10.7%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	722	1,234	-41.5%	0	0	0.0%	0	0	0.0%	4,939	4,913	0.5%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	77	1,130	-93.2%	0	0	0.0%	0	0	0.0%	993	2,541	-60.9%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	138	770	-82.1%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	750	1,649	-54.5%	0	0	0.0%	0	0	0.0%	12,317	11,930	3.2%
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	12,700	0	0.0%	0	0	0.0%	0	0	0.0%	24,056	1,755	1,270.7%
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	162	-100.0%	0	0	0.0%	0	0	0.0%	0	308	-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	4,260	7,145	-40.4%	0	0	0.0%	0	0	0.0%	6,819	10,730	-36.4%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	1,702	-100.0%	0	0	0.0%	0	0	0.0%	534	8,972	-94.0%
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	1,181	-0.86	136,699	87,705	55.9%	0	0	0.0%	1,247	5,328	-76.6%	633,380	447,022	41.7%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	832	1,292	-35.6%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	175	-100.0%	0	0	0.0%	0	0	0.0%	0	1,600	-100.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	16,515	-100.0%	0	0	0.0%	0	0	0.0%	186	42,457	-99.6%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	720	930	-22.6%
CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	182,680	162,920	12.1%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	796	380	109.5%	0	0	0.0%	0	0	0.0%	10,901	11,380	-4.2%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	46,840	93,760	-50.0%	0	0	0.0%	0	0	0.0%	273,040	684,464	-60.1%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	1,070	3,180	-66.4%	0	0	0.0%	0	0	0.0%	21,070	50,416	-58.2%
COAL SWAP	ACM	0	0	0.0%	0	0	0	150	15	900.0%	0	0	0.0%	0	0	0.0%	1,060	1,670	-36.5%
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	137	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	0	0.0%	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,208	-100.0%

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Energy Futures																			
COLUMBIA GULF NAT GAS FIXE	DCE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,108	-100.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	33	75	-56.0%	0	0	0.0%	0	0	0.0%	1,087	1,030	5.5%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	1,485	75	1,880.0%	0	0	0.0%	0	0	0.0%	4,754	354	1,242.9%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	20	0	0	9,323	3,888	139.8%	0	0	0.0%	39	0	0.0%	41,998	29,778	41.0%
CRUDE OIL	CHB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
CRUDE OIL	LPS	0	0	0.0%	0	0	0	4,827	3,968	21.6%	0	0	0.0%	0	0	0.0%	19,097	26,727	-28.5%
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	113	204	-44.6%	0	0	0.0%	0	0	0.0%	3,645	431	745.7%
CRUDE OIL OUTRIGHTS	CC5	0	-	-	0	-		180	-	-	0	-	-	0	-	-	330	-	-
CRUDE OIL OUTRIGHTS	CSN	0	-	-	0	-		0	-	-	0	-	-	0	-	-	30	-	-
CRUDE OIL OUTRIGHTS	CSW	0	-	-	0	-		150	-	-	0	-	-	0	-	-	1,030	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	800	50	1,500.0%
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	-	-	110	-	-
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	7,636	830	820.0%	0	0	0.0%	0	0	0.0%	44,282	3,262	1,257.5%
CRUDE OIL OUTRIGHTS	LSW	0	-	-	0	-		0	-	-	0	-	-	0	-	-	30	-	-
CRUDE OIL OUTRIGHTS	SSW	0	-	-	0	-		105	-	-	0	-	-	0	-	-	225	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	150	5,846	-97.4%	0	0	0.0%	0	0	0.0%	23,697	30,634	-22.6%
CRUDE OIL OUTRIGHTS	WCW	0	-	-	0	-		6,090	-	-	0	-	-	0	-	-	9,935	-	-
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%	50	0	0	1,865	390	378.2%	0	0	0.0%	50	0	0.0%	26,919	4,937	445.3%
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	2,720	-100.0%	0	0	0.0%	0	0	0.0%	0	2,720	-100.0%

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		Open	Open		ELEC	ELEC		CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity		Outcry	Outcry	%	MAY	MAY	%	ClearPort	ClearPort	%	Outcry	Outcry	%	Y.T.D	Y.T.D	%	ClearPort	ClearPort	%
Indicator		MAY	MAY	CHG	2017	2016	CHG	MAY 2017	MAY 2016	CHG	Y.T.D	Y.T.D	CHG	2017	2016	CHG	Y.T.D	Y.T.D	% CHG
		2017	2016								2017	2016					2017	2016	
Energy Futures																			
DAILY PJM	ZAO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	7G	0	0	0.0%	0	0	0	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	1,300	1,250	4.0%	0	0	0.0%	0	0	0.0%	5,445	8,110	-32.9%
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	180	-100.0%	0	0	0.0%	0	0	0.0%	0	180	-100.0%
DEMARC SWING SWAP	DT	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
DIESEL10PPM BARG VS ICE LS	LSE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DLY GAS EURO-BOB OXY	GBR	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	0	2,920	-100.0%	0	0	0.0%	0	0	0.0%	0	13,965	-100.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	0	2,769	20,858	-86.7%	0	0	0.0%	0	0	0.0%	41,765	100,100	-58.3%
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	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	22,685	954	2,277.9%	0	0	0.0%	0	0	0.0%	51,889	5,050	927.5%
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	590	1,230	-52.0%	0	0	0.0%	0	0	0.0%	3,804	5,227	-27.2%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	45	20	125.0%	0	0	0.0%	0	0	0.0%	1,185	56	2,016.1%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	1,407	659	113.5%	0	0	0.0%	0	0	0.0%	4,590	6,421	-28.5%
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%	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	0.0%
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	0.0%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	23,480	-100.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
ELEC WEST POWER PEAK	MDC	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	1,540	-	-

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		Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
EL PASO PERMIAN INDEX SWA	IL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	372	-100.0%
EMMISSIONS	CPL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT HOUSTON Z MCPE 5M	I1	0	-	-	0	-		420	-	-	0	-	-	0	-	-	420	-	-
ERCOT NORTH ZMCPE 5MW OF	I8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	I6	0	0	0.0%	0	0	0	14,720	0	0.0%	0	0	0.0%	0	0	0.0%	14,720	4,280	243.9%
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	420	0	0.0%	0	0	0.0%	0	0	0.0%	1,250	235	431.9%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	2,682	2,987	-10.2%	0	0	0.0%	0	0	0.0%	17,542	11,586	51.4%
EU LOW SULPHUR GASOIL CRA	LSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	0	8	0	0.0%	0	0	0.0%	0	0	0.0%	18	210	-91.4%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	633	239	164.9%	0	0	0.0%	0	0	0.0%	2,914	1,677	73.8%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	412	525	-21.5%	0	0	0.0%	0	0	0.0%	2,276	3,008	-24.3%
EURO-DENOMINATED PETRO P	IBE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NCP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,340	70	1,814.3%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	198	300	-34.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	108	73	47.9%	0	0	0.0%	0	0	0.0%	653	757	-13.7%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	26	114	-77.2%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	65	302	-78.5%	0	0	0.0%	0	0	0.0%	1,159	2,084	-44.4%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	8,278	6,058	36.6%	0	0	0.0%	0	0	0.0%	47,059	32,447	45.0%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	4,195	97,722	-0.96	0	0	0.0%	0	0	0.0%	15,294	1,288,382	-98.8%	0	77,400	-100.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	301	91	230.8%	0	0	0.0%	0	0	0.0%	1,835	729	151.7%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	9,281	6,039	53.7%	0	0	0.0%	0	0	0.0%	38,236	20,229	89.0%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	2,430	-100.0%	0	0	0.0%	0	0	0.0%	416	14,258	-97.1%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	12	0	0.0%	0	0	0.0%	0	0	0.0%	60	38	57.9%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	2,759	1,086	154.1%	0	0	0.0%	0	0	0.0%	13,683	5,709	139.7%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,041	1,278	-18.5%	0	0	0.0%	0	0	0.0%	5,876	5,440	8.0%
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	90	-100.0%	0	0	0.0%	0	0	0.0%	0	826	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	41	310	-86.8%	0	0	0.0%	0	0	0.0%	386	1,157	-66.6%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	5,870	3,442	70.5%	0	0	0.0%	0	0	0.0%	21,019	20,304	3.5%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	32	-100.0%	0	0	0.0%	0	0	0.0%	0	32	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	161	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	54	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	342	321	6.5%	0	0	0.0%	0	0	0.0%	1,477	2,523	-41.5%

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		Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	6,905	7,871	-12.3%	0	0	0.0%	0	0	0.0%	38,289	39,086	-2.0%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	19,359	11,035	75.4%	0	0	0.0%	0	0	0.0%	101,939	74,010	37.7%
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	15	-100.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	80	-37.5%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	5	300.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	6	-100.0%	0	0	0.0%	0	0	0.0%	120	55	118.2%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	0	80	-100.0%	0	0	0.0%	0	0	0.0%	460	134	243.3%
GASOIL BULLET SWAP	BG	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	0	-	-
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	208	32	550.0%	0	0	0.0%	0	0	0.0%	241	232	3.9%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	5,397	12,923	-58.2%	0	0	0.0%	0	0	0.0%	38,065	20,391	86.7%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	252	367	-31.3%	0	0	0.0%	0	0	0.0%	907	1,364	-33.5%
GASOLINE UP-DOWN BALMO S	1K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	810	-100.0%
GC ULSD VS GC JET SPREAD	VV	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	1,815	1,800	0.8%	0	0	0.0%	0	0	0.0%	13,321	10,785	23.5%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	600	875	-31.4%	0	0	0.0%	0	0	0.0%	3,154	5,615	-43.8%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	1,208	864	39.8%	0	0	0.0%	0	0	0.0%	5,943	4,843	22.7%
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	90	56	60.7%	0	0	0.0%	0	0	0.0%	546	589	-7.3%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	50,762	32,426	56.5%	0	0	0.0%	0	0	0.0%	226,474	160,989	40.7%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	46,067	53,845	-14.4%	0	0	0.0%	0	0	0.0%	293,211	301,340	-2.7%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	490	100	390.0%	0	0	0.0%	0	0	0.0%	7,459	4,438	68.1%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	1,057	624	69.4%	0	0	0.0%	0	3	-100.0%	2,630	4,510	-41.7%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	540	753	-28.3%	0	0	0.0%	0	0	0.0%	1,540	4,200	-63.3%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	210	75	180.0%	0	0	0.0%	0	0	0.0%	580	295	96.6%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%

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		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry MAY 2017	Outcry MAY 2016	% CHG	MAY 2017	MAY 2016	CHG	ClearPort MAY 2017	ClearPort MAY 2016	CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HEATING OIL VS ICE GASOIL	HA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	0	10,920	15,097	-27.7%	0	0	0.0%	2,996	0	0.0%	43,258	133,206	-67.5%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	10,920	15,097	-27.7%	0	0	0.0%	2,996	0	0.0%	41,680	126,029	-66.9%
HENRY HUB SWAP	NN	0	736	-100.0%	8,473	152,325	-0.94	189,985	176,596	7.6%	0	1,472	-100.0%	52,677	1,012,944	-94.8%	773,992	1,442,576	-46.3%
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	1,095	7,249	-84.9%	0	0	0.0%	0	0	0.0%	2,064	20,097	-89.7%
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	23,050	0	0.0%	0	0	0.0%	0	0	0.0%	65,143	10	651,330.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	175	-1	0	8,250	-100.0%	0	0	0.0%	0	225	-100.0%	2,850	22,526	-87.3%
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	112	-100.0%	0	0	0.0%	0	0	0.0%	0	112	-100.0%
INDIANA MISO	PDM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PTM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	5	70	-92.9%
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	535	0	0.0%	0	0	0.0%	0	0	0.0%	2,340	2,141	9.3%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,768	1,184	49.3%	0	0	0.0%	0	0	0.0%	8,705	5,862	48.5%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	382	3	12,633.3%	0	0	0.0%	0	0	0.0%	1,161	290	300.3%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	0	36	-100.0%	0	0	0.0%	0	0	0.0%	0	80	-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	142	136	4.4%	0	0	0.0%	0	0	0.0%	522	436	19.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0	0	5	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	10	0	0.0%	0	0	0.0%	0	0	0.0%	20	30	-33.3%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	8,420	3,259	158.4%	0	0	0.0%	0	0	0.0%	38,487	19,072	101.8%
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	360	1,010	-64.4%	0	0	0.0%	0	0	0.0%	1,045	4,162	-74.9%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	425	350	21.4%	0	0	0.0%	0	0	0.0%	1,125	4,350	-74.1%

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Energy Futures																			
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	0	65	-100.0%	0	0	0.0%	0	0	0.0%	25	750	-96.7%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	1,750	1,585	10.4%	0	0	0.0%	0	0	0.0%	8,710	8,747	-0.4%
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%	15	0	0	910	15,481	-94.1%	0	0	0.0%	15	0	0.0%	22,085	40,775	-45.8%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	1,560	4,820	-67.6%	0	0	0.0%	0	0	0.0%	15,721	30,413	-48.3%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	11,757	8,840	33.0%	0	0	0.0%	0	0	0.0%	107,759	44,812	140.5%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	200	0	0	650	2,345	-72.3%	0	0	0.0%	200	0	0.0%	10,415	6,754	54.2%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	0	0	0	60,583	159,461	-62.0%	0	0	0.0%	0	0	0.0%	273,221	984,817	-72.3%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	6,017	9,315	-35.4%	0	0	0.0%	0	0	0.0%	31,694	111,545	-71.6%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	197	100	97.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	80	147	-45.6%	0	0	0.0%	0	0	0.0%	622	803	-22.5%
MICHCON NG INDEX SWAP	Y8	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	5,046	-100.0%	0	0	0.0%	0	0	0.0%	2,592	12,579	-79.4%
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	626	295	112.2%	0	0	0.0%	0	0	0.0%	2,271	1,858	22.2%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	943	0	0.0%	0	0	0.0%	0	0	0.0%	2,125	696	205.3%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	2,537	1,476	71.9%	0	0	0.0%	0	0	0.0%	12,335	5,896	109.2%
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	10	81	-87.7%	0	0	0.0%	0	0	0.0%	270	449	-39.9%
MNC FUT	MNC	0	0	0.0%	0	0	0	4,373	2,581	69.4%	0	0	0.0%	0	0	0.0%	22,512	18,980	18.6%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	16,241	48,905	-66.8%	0	0	0.0%	0	0	0.0%	149,208	193,993	-23.1%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	247	0	0.0%	0	0	0.0%	0	0	0.0%	2,172	480	352.5%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	30	4	6.5	96,110	118,036	-18.6%	0	0	0.0%	130	40	225.0%	474,471	468,515	1.3%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	1,135	790	43.7%	0	0	0.0%	0	0	0.0%	10,211	2,786	266.5%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	3,961	9,111	-56.5%	0	0	0.0%	0	0	0.0%	22,794	46,056	-50.5%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	50	100	-50.0%	0	0	0.0%	0	0	0.0%	1,421	938	51.5%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	23,877	18,297	30.5%	0	0	0.0%	0	0	0.0%	147,836	116,801	26.6%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	388	607	-36.1%	0	0	0.0%	0	0	0.0%	4,590	2,987	53.7%
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	3,348	-100.0%	0	0	0.0%	0	0	0.0%	1,737	13,382	-87.0%
NATURAL GAS	HBI	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS	XIC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	44	-	-
NATURAL GAS	XSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Energy Futures																			
NATURAL GAS FIXED PRICE S	CFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	DSF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	MFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	PFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	WFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	Z5P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	ZTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0	0	0	4,380	-100.0%	0	0	0.0%	0	0	0.0%	656	4,990	-86.9%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	62,503	93,812	-33.4%	0	92	-100.0%	51	0	0.0%	482,277	532,840	-9.5%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	11,925	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	635	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	46,800	-100.0%	0	0	0.0%	0	0	0.0%	221,100	103,797	113.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	2,980	3,840	-22.4%	0	0	0.0%	0	0	0.0%	13,380	7,310	83.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	640	-100.0%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D AH	U3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL RHD ISLD 5MW D AH	U4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH O	P5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH P	P4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,000	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,685	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	780	585	33.3%	0	0	0.0%	0	0	0.0%	3,185	9,425	-66.2%
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	400	1,988	-79.9%	0	0	0.0%	0	0	0.0%	1,144	20,810	-94.5%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	0	870	-100.0%	0	0	0.0%	0	0	0.0%	0	5,150	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	760	513	48.1%	0	0	0.0%	0	0	0.0%	1,560	20,573	-92.4%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Energy Futures																			
NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	0	825	0	0.0%	0	0	0.0%	0	0	0.0%	3,460	2,375	45.7%
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	0	548	-100.0%	0	0	0.0%	0	0	0.0%	0	1,595	-100.0%
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	84	1,152	-92.7%	0	0	0.0%	0	0	0.0%	84	5,228	-98.4%
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	28,473	-98.7%	0	0	0.0%	0	60	-100.0%	982	109,484	-99.1%
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	845	3,480	-75.7%	0	0	0.0%	0	0	0.0%	11,775	11,483	2.5%
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	725	75	866.7%	0	0	0.0%	0	0	0.0%	2,985	800	273.1%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	30	-16.7%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	0	2,125	1,614	31.7%	0	24	-100.0%	3	3	0.0%	12,175	13,435	-9.4%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	775	831	-6.7%	0	0	0.0%	0	0	0.0%	2,948	3,681	-19.9%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	2,182	2,228	-2.1%	0	0	0.0%	0	0	0.0%	15,862	20,796	-23.7%
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	1,020	5,302	-80.8%	0	0	0.0%	0	0	0.0%	8,375	10,240	-18.2%
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	0.0%
NYISO A	KA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	LHV	0	-	-	0	-		0	-	-	0	-	-	0	-	-	207	-	-
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	50	370	-86.5%	0	0	0.0%	0	0	0.0%	1,430	937	52.6%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	300	378	-20.6%	0	0	0.0%	0	0	0.0%	1,060	1,136	-6.7%
NYISO G	KG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO J	KJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	172	-100.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	80	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	0	0	22,080	-100.0%	0	0	0.0%	0	0	0.0%	9,360	215,520	-95.7%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	110	0	0.0%	0	0	0.0%	0	0	0.0%	6,815	640	964.8%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0	0	0	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	110	0	0.0%	0	0	0.0%	0	0	0.0%	110	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	61,680	0	0.0%	0	0	0.0%	0	0	0.0%	320,880	280,750	14.3%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	11,040	3,420	222.8%	0	0	0.0%	0	0	0.0%	35,590	15,249	133.4%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	46,800	0	0.0%	0	0	0.0%	0	0	0.0%	179,800	102,952	74.6%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	7,650	0	0.0%	0	0	0.0%	0	0	0.0%	16,995	7,767	118.8%
NY JET FUEL (PLATTS) HEAT OI	1U	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
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	317	136	133.1%	0	0	0.0%	0	0	0.0%	7,364	2,678	175.0%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	945	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	160	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,750	-100.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	55	25	120.0%	0	0	0.0%	0	0	0.0%	195	115	69.6%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	110	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	0	0	0	14,767	-100.0%	0	0	0.0%	0	0	0.0%	48	47,127	-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	0	4,409	-100.0%	0	0	0.0%	0	0	0.0%	214	18,484	-98.8%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	102	117	-12.8%	0	0	0.0%	0	0	0.0%	408	315	29.5%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	92	112	-17.9%	0	0	0.0%	0	0	0.0%	596	282	111.3%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	363	18	1,916.7%	0	0	0.0%	0	0	0.0%	3,186	904	252.4%
PETROCHEMICALS	9I	0	0	0.0%	0	0	0	127	344	-63.1%	0	0	0.0%	0	0	0.0%	1,076	898	19.8%
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	28	-100.0%	0	0	0.0%	0	0	0.0%	0	48	-100.0%
PETROCHEMICALS	LPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	110	-54.5%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	10	80	-87.5%	0	0	0.0%	0	0	0.0%	20	220	-90.9%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	30	610	-95.1%	0	0	0.0%	0	0	0.0%	145	810	-82.1%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	1,210	2,410	-49.8%	0	0	0.0%	0	0	0.0%	5,245	12,895	-59.3%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	2,868	3,059	-6.2%	0	0	0.0%	0	0	0.0%	6,470	8,287	-21.9%
PETROCHEMICALS	MPS	0	-	-	0	-		10	-	-	0	-	-	0	-	-	10	-	-
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	64	-100.0%	0	0	0.0%	0	0	0.0%	264	64	312.5%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	150	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	170	150	13.3%	0	0	0.0%	0	0	0.0%	780	378	106.3%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	2,582	1,149	124.7%	0	0	0.0%	0	0	0.0%	14,340	7,052	103.3%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	600	200	200.0%	0	0	0.0%	0	0	0.0%	4,090	2,900	41.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	200	225	-11.1%	0	0	0.0%	0	0	0.0%	3,405	400	751.3%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	125	100	25.0%	0	0	0.0%	0	0	0.0%	800	1,225	-34.7%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	1,966	515	281.7%	0	0	0.0%	0	0	0.0%	7,461	3,413	118.6%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	35	-100.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry	%	MAY	MAY	CHG	ClearPort	ClearPort	CHG	Outcry	Outcry	CHG	Y.T.D	Y.T.D	CHG	ClearPort	ClearPort	%
Indicator		MAY	MAY		2017	2016		MAY 2017	MAY 2016		Y.T.D	Y.T.D		2017	2016		Y.T.D	Y.T.D	
		2017	2016								2017	2016							
Energy Futures																			
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	5,809	7,129	-18.5%	0	0	0.0%	0	0	0.0%	34,897	41,082	-15.1%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	535	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	1,540	4,148	-62.9%	0	0	0.0%	0	0	0.0%	12,302	23,107	-46.8%
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	-	-
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	86	420	-79.5%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	11,069	12,964	-14.6%	0	0	0.0%	0	0	0.0%	47,279	48,341	-2.2%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	11,786	6,705	75.8%	0	0	0.0%	0	0	0.0%	78,357	33,894	131.2%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	6	34	-82.4%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	780	1,051	-25.8%	0	0	0.0%	0	0	0.0%	6,631	9,563	-30.7%
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	355	153	132.0%	0	0	0.0%	0	0	0.0%	1,261	862	46.3%
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	2,173	1,496	45.3%	0	0	0.0%	0	0	0.0%	11,724	10,641	10.2%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	68	75	-9.3%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	473	367	28.9%	0	0	0.0%	0	0	0.0%	2,003	1,021	96.2%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	2,350	1,495	57.2%	0	0	0.0%	0	0	0.0%	15,232	6,993	117.8%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	360	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	275	200	37.5%	0	0	0.0%	0	0	0.0%	675	760	-11.2%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	35	54	-35.2%
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	40	107	-62.6%	0	0	0.0%	0	0	0.0%	686	523	31.2%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	25	20	25.0%	0	0	0.0%	0	0	0.0%	89	100	-11.0%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	976	195	400.5%	0	0	0.0%	0	0	0.0%	5,474	1,429	283.1%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	155	65	138.5%
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	-	-
PETROLEUM PRODUCTS	D64	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Commodity Indicator		Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
PETROLEUM PRODUCTS	D65	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	2,415	425	468.2%	0	0	0.0%	0	0	0.0%	15,512	475	3,165.7%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	80	521	-84.6%
PETROLEUM PRODUCTS	MGS	0	-	-	0	-		20	-	-	0	-	-	0	-	-	20	-	-
PETROLEUM PRODUCTS	MHE	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
PETROLEUM PRODUCTS	MME	0	-	-	0	-		20	-	-	0	-	-	0	-	-	20	-	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	100	185	-45.9%	0	0	0.0%	0	0	0.0%	100	1,363	-92.7%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	95	0	0.0%	0	0	0.0%	0	0	0.0%	799	884	-9.6%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	34	65	-47.7%	0	0	0.0%	0	0	0.0%	96	427	-77.5%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	2,171	1,210	79.4%	0	0	0.0%	0	0	0.0%	9,607	5,925	62.1%
PETROLEUM PRODUCTS ASIA	MSB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	25	-	-
PETRO OUTRIGHT EURO	0A	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	0	119	-100.0%	0	0	0.0%	0	0	0.0%	43	788	-94.5%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	76	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	2,313	3,784	-38.9%	0	0	0.0%	0	0	0.0%	12,955	22,776	-43.1%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	378	868	-56.5%	0	0	0.0%	0	0	0.0%	2,996	4,472	-33.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	1,316	535	146.0%	0	0	0.0%	0	0	0.0%	7,079	4,438	59.5%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	12	0	0.0%	0	0	0.0%	0	0	0.0%	60	20	200.0%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	80	194	-58.8%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	77	280	-72.5%	0	0	0.0%	0	0	0.0%	411	680	-39.6%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	0	170	-100.0%	0	0	0.0%	0	0	0.0%	462	707	-34.7%
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	121	25	384.0%	0	0	0.0%	0	0	0.0%	530	725	-26.9%
PETRO OUTRIGHT EURO	7P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	223	265	-15.8%	0	0	0.0%	0	0	0.0%	1,060	1,263	-16.1%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	35	-100.0%	0	0	0.0%	0	0	0.0%	0	55	-100.0%
PETRO OUTRIGHT EURO	CBB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	42	-	-
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	110	10	1,000.0%	0	0	0.0%	0	0	0.0%	1,803	197	815.2%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	270	311	-13.2%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	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	75	-100.0%	0	0	0.0%	0	0	0.0%	60	583	-89.7%
PETRO OUTRIGHT EURO	ESB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	6	-	-

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		Open	Open		ELEC	ELEC		CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity Indicator		Outcry MAY 2017	Outcry MAY 2016	% CHG	MAY 2017	MAY 2016	% CHG	ClearPort MAY 2017	ClearPort MAY 2016	% CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	% CHG	Y.T.D 2017	Y.T.D 2016	% CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	508	50	916.0%	0	0	0.0%	0	0	0.0%	3,627	637	469.4%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	150	34	341.2%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	1,155	1,162	-0.6%	0	0	0.0%	0	0	0.0%	3,673	5,489	-33.1%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	40	40	0.0%	0	0	0.0%	0	0	0.0%	40	40	0.0%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	110	192	-42.7%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	375	90	316.7%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	0	0.0%
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	Y0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	204	256	-20.3%	0	0	0.0%	0	0	0.0%	758	482	57.3%
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%	40	3	1,233.3%
PETRO OUTRIGHT NA	GBA	0	0	0.0%	0	0	0	0	8	-100.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%
PETRO OUTRIGHT NA	GUD	0	0	0.0%	0	0	0	0	13	-100.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	132	0	0.0%	0	0	0.0%	0	0	0.0%	150	439	-65.8%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	2,195	1,915	14.6%	0	0	0.0%	0	0	0.0%	20,547	9,085	126.2%
PETRO OUTRIGHT NA	JTB	0	-	-	0	-		300	-	-	0	-	-	0	-	-	300	-	-
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	135	90	50.0%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	646	395	63.5%	0	0	0.0%	0	0	0.0%	3,693	3,764	-1.9%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	10,013	8,787	14.0%	0	0	0.0%	0	0	0.0%	56,892	45,749	24.4%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	25	300	-91.7%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	53	215	-75.3%	0	0	0.0%	0	0	0.0%	416	883	-52.9%
PETRO OUTRIGHT NA	NYT	0	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	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	0	184,520	-100.0%	0	0	0.0%	0	0	0.0%	264,125	875,456	-69.8%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	0	220	13,943	-98.4%	0	0	0.0%	0	0	0.0%	18,930	54,667	-65.4%
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	0.0%
PJM AECO DA PEAK	Y1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	W4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA PEAK	S4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	46,800	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,550	0	0.0%

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		Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	23,400	-100.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,275	-100.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	85,390	187,200	-54.4%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,675	10,200	-54.2%
PJM DAILY	JD	0	0	0.0%	0	0	0	0	1,300	-100.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	211,995	21,305	895.0%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	0	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	0.0%
PJM DUQUS 5MW D AH O PK	D6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM JCPL DA OFF-PEAK	F2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	4,645	5,740	-19.1%	0	0	0.0%	0	0	0.0%	73,410	24,783	196.2%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	19,220	145,720	-86.8%	0	0	0.0%	0	0	0.0%	1,592,450	700,557	127.3%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	3,680	7,387	-50.2%	0	0	0.0%	0	0	0.0%	661,967	306,222	116.2%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	1,275	547	133.1%	0	0	0.0%	0	0	0.0%	37,751	13,495	179.7%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0	0	0	140	-100.0%	0	0	0.0%	0	0	0.0%	0	140	-100.0%
PJM PECO ZONE5MW PEAK CA	4N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PEP CO DA OFF-PEAK	Q8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	163,800	-100.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,100	-100.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7,500	417,490	-98.2%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	0	0.0%	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	241,380	557,530	-56.7%	0	0	0.0%	0	0	0.0%	1,458,195	4,000,491	-63.5%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	40,175	42,005	-4.4%	0	0	0.0%	0	0	0.0%	126,414	331,734	-61.9%
PLASTICS	PGP	0	0	0.0%	0	0	0	475	0	0.0%	0	0	0.0%	0	0	0.0%	2,593	1,801	44.0%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	95	80	18.8%	0	0	0.0%	0	0	0.0%	326	1,600	-79.6%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	65	3	2,066.7%	0	0	0.0%	0	0	0.0%	100	164	-39.0%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	2	250.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	5	27	-81.5%	0	0	0.0%	0	0	0.0%	37	173	-78.6%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	45	530	-91.5%	0	0	0.0%	0	0	0.0%	3,496	1,479	136.4%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	4,477	15,728	-71.5%	0	0	0.0%	0	0	0.0%	41,147	50,780	-19.0%

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		Open	Open		ELEC	ELEC		CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity Indicator		Outcry MAY 2017	Outcry MAY 2016	% CHG	MAY 2017	MAY 2016	% CHG	ClearPort MAY 2017	ClearPort MAY 2016	% CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	% CHG	Y.T.D 2017	Y.T.D 2016	% CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
RBOB CALENDAR SWAP	RL	0	0	0.0%	5	0	0	5,738	5,614	2.2%	0	0	0.0%	5	0	0.0%	35,132	27,043	29.9%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	100	1,999	-95.0%	0	0	0.0%	0	0	0.0%	2,079	9,901	-79.0%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	1,704	1,126	51.3%	0	0	0.0%	0	0	0.0%	4,117	3,326	23.8%
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR S	RV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9,203	-100.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	1,220	1,705	-28.4%	0	0	0.0%	0	0	0.0%	10,805	6,711	61.0%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	736	-100.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	15,212	-100.0%	0	0	0.0%	0	0	0.0%	214	36,178	-99.4%
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	70	25	180.0%	0	0	0.0%	0	0	0.0%	312	329	-5.2%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	261	164	59.1%	0	0	0.0%	0	0	0.0%	1,108	718	54.3%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	9,536	5,216	82.8%	0	0	0.0%	0	0	0.0%	59,787	28,204	112.0%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	760	1,538	-50.6%	0	0	0.0%	0	0	0.0%	6,157	6,605	-6.8%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	859	917	-6.3%	0	0	0.0%	0	0	0.0%	4,452	2,369	87.9%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	120	172	-30.2%	0	0	0.0%	0	0	0.0%	773	1,420	-45.6%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	4,530	4,067	11.4%	0	0	0.0%	0	0	0.0%	25,189	16,789	50.0%
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	300	0	0.0%	0	0	0.0%	0	0	0.0%	700	0	0.0%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	145	0	0.0%	0	0	0.0%	0	0	0.0%	1,719	187	819.3%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	17	0	0	8,881	4,527	96.2%	0	0	0.0%	30	0	0.0%	53,818	18,817	186.0%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	2,954	4,540	-34.9%	0	0	0.0%	0	0	0.0%	47,229	9,200	413.4%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	155	0	0.0%	0	0	0.0%	0	0	0.0%	412	56	635.7%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	1,975	50	3,850.0%	0	0	0.0%	0	0	0.0%	11,555	3,080	275.2%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	1,115	150	643.3%	0	0	0.0%	0	0	0.0%	6,884	2,440	182.1%
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	761	568	34.0%	0	0	0.0%	0	0	0.0%	1,183	2,803	-57.8%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	4	0	0	2,892	3,153	-8.3%	0	0	0.0%	5	0	0.0%	37,436	31,257	19.8%
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	5	0	0.0%	0	0	0.0%	0	0	0.0%	40	5	700.0%
SOCAL BASIS SWAP	NS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Commodity Indicator	Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																		
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,600	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	522	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	264	-100.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	1,029	-87.1%	0	0	0.0%	0	0	0.0%	4,685	12,161	-61.5%
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	186	210.0%	0	0	0.0%	0	0	0.0%	7,402	13,631	-45.7%
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	-100.0%	0	0	0.0%	0	0	0.0%	428	393	8.9%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0	0	306	-100.0%	0	0	0.0%	0	0	0.0%	0	734	-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%
TETCO M-3 INDEX	IX	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	6,998	-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%	0	0	0.0%	0	0	0.0%	7,547	41,660	-81.9%
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%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	302	610	-50.5%
TRANSCO ZONE 3 NG INDEX S	Y6	0	-	-	0	-	0	-	-	0	-	-	0	-	-	6,256	-	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	5,891	12,494	-52.8%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	465	496	-6.3%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	2,870	4,501	-36.2%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	856	5,410	-84.2%
TRANSCO ZONE 6 PIPE SWAP	XZ4	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	0	0	89	97.8%	0	0	0.0%	0	0	0.0%	170	165	3.0%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	0	0	0	-100.0%	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	5	66.7%	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	33	-100.0%	0	0	0.0%	0	0	0.0%	21	108	-80.6%
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	35	-100.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	3,380	-17.8%	0	0	0.0%	0	0	0.0%	20,485	17,223	18.9%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	40,018	-14.8%	0	0	0.0%	0	0	0.0%	213,496	258,832	-17.5%

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Commodity Indicator		Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	175	-100.0%
VENTURA NAT GAS PLATTS FIX	DVA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WAHA BASIS	NW	0	0	0.0%	0	0	0	0	6,109	-100.0%	0	0	0.0%	0	0	0.0%	882	20,719	-95.7%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	0	972	-100.0%	0	0	0.0%	0	0	0.0%	0	5,492	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	1,425	330	331.8%	0	0	0.0%	0	0	0.0%	2,160	5,426	-60.2%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	404	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	3,196	12,525	-74.5%	0	0	0.0%	120	0	0.0%	35,893	55,302	-35.1%
WTI CALENDAR	CS	0	471	-100.0%	0	0	0	32,447	31,011	4.6%	0	1,043	-100.0%	0	0	0.0%	181,896	159,834	13.8%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	480	2,340	-79.5%	0	0	0.0%	0	0	0.0%	17,139	6,560	161.3%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	0	2,920	-100.0%	0	0	0.0%	0	0	0.0%	2,410	6,225	-61.3%
Energy Options																			
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
APPALACHIAN COAL	6K	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	390	3,805	-89.8%	0	0	0.0%	0	0	0.0%	2,372	9,866	-76.0%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	250	6,000	-95.8%	0	0	0.0%	0	0	0.0%	14,930	21,666	-31.1%
BRENT OIL LAST DAY	BZO	0	400	-100.0%	7,538	1,793	3.2	35,083	15,786	122.2%	0	400	-100.0%	22,543	2,711	731.5%	93,933	31,976	193.8%
BRENT OIL LAST DAY	OS	0	4	-100.0%	0	0	0	1,000	200	400.0%	0	1,416	-100.0%	48	0	0.0%	2,000	5,498	-63.6%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	550	4,890	-88.8%	0	0	0.0%	0	0	0.0%	5,881	33,595	-82.5%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	30	10,875	-99.7%	0	0	0.0%	0	0	0.0%	610	97,234	-99.4%
COAL API2 INDEX	MTC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	150	-66.7%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,330	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	140	385	-63.6%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	85	46	84.8%
CRUDE OIL 1MO	WA	0	0	0.0%	3,905	51,766	-0.92	197,014	164,100	20.1%	0	0	0.0%	85,958	196,750	-56.3%	778,714	837,750	-7.0%
CRUDE OIL APO	AO	0	1,431	-100.0%	0	0	0	26,350	29,260	-9.9%	0	6,471	-100.0%	40	0	0.0%	164,228	111,353	47.5%
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	1,000	-100.0%	0	0	0.0%	0	0	0.0%	0	1,150	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	2,950	6,600	-55.3%	0	0	0.0%	0	0	0.0%	9,510	18,575	-48.8%
CRUDE OIL PHY	LC	0	2,024	-100.0%	0	0	0	43,660	14,232	206.8%	0	7,480	-100.0%	9	0	0.0%	177,590	201,987	-12.1%

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Commodity Indicator		Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Options																			
CRUDE OIL PHY	LO	0	19,449	-100.0%	4,034,197	2,390,073	0.69	1,276,517	946,833	34.8%	0	160,243	-100.0%	15,951,861	14,102,548	13.1%	4,207,388	4,639,109	-9.3%
CRUDE OIL PHY	LO1	0	1,100	-100.0%	23,629	4,193	4.64	0	0	0.0%	0	1,350	-100.0%	60,337	24,361	147.7%	100	0	0.0%
CRUDE OIL PHY	LO2	0	0	0.0%	18,012	2,882	5.25	50	0	0.0%	0	0	0.0%	50,146	20,219	148.0%	200	200	0.0%
CRUDE OIL PHY	LO3	0	1,200	-100.0%	12,193	4,293	1.84	0	0	0.0%	0	1,200	-100.0%	41,523	11,538	259.9%	200	0	0.0%
CRUDE OIL PHY	LO4	0	1,300	-100.0%	28,646	4,419	5.48	0	0	0.0%	0	1,600	-100.0%	75,061	19,849	278.2%	0	430	-100.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0	0	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	34	-100.0%	0	0	0.0%	0	0	0.0%	0	145	-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	10	0	0.0%	0	0	0.0%	0	0	0.0%	75	25	200.0%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	25	1,100.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	4,334	5,081	-14.7%	0	0	0.0%	0	0	0.0%	26,041	27,866	-6.5%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	150	30	400.0%	0	0	0.0%	0	0	0.0%	920	1,198	-23.2%
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	-	-
HEATING OIL PHY	LB	0	0	0.0%	6	0	0	0	0	0.0%	0	44	-100.0%	6	0	0.0%	900	60	1,400.0%
HEATING OIL PHY	OH	0	665	-100.0%	6,051	5,660	0.07	46,830	51,826	-9.6%	0	4,400	-100.0%	24,442	37,236	-34.4%	134,182	243,230	-44.8%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	3,342	1,479	126.0%	0	0	0.0%	0	0	0.0%	19,483	6,548	197.5%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,300	5,700	-77.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	4,200	-100.0%	0	0	0.0%	0	0	0.0%	5,100	8,730	-41.6%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	210	1,495	-86.0%	0	0	0.0%	0	0	0.0%	750	7,885	-90.5%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	1,035	-100.0%	0	0	0.0%	0	0	0.0%	0	2,385	-100.0%
NATURAL GAS	G10	0	0	0.0%	0	0	0	200	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%	0	0	0	72,225	325	22,123.1%	0	200	-100.0%	0	0	0.0%	237,925	30,980	668.0%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	550	0	0.0%	0	0	0.0%	0	0	0.0%	3,300	1,000	230.0%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	24,300	50,325	-51.7%	0	250	-100.0%	0	0	0.0%	43,950	108,257	-59.4%
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%

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Energy Options																			
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	198	500	-60.4%	0	0	0.0%	0	0	0.0%	3,998	11,878	-66.3%
NATURAL GAS PHY	KD	0	0	0.0%	1,050	0	0	36,575	32,670	12.0%	0	0	0.0%	2,394	0	0.0%	154,210	169,572	-9.1%
NATURAL GAS PHY	LN	0	157	-100.0%	1,182,990	345,721	2.42	1,205,328	1,141,085	5.6%	0	7,837	-100.0%	4,528,231	1,382,070	227.6%	6,994,690	7,592,043	-7.9%
NATURAL GAS PHY	ON	0	661	-100.0%	187,426	205,080	-0.09	7,300	2,592	181.6%	0	6,022	-100.0%	997,008	1,286,465	-22.5%	33,520	42,173	-20.5%
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	250	-100.0%	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	450	720	-37.5%	0	0	0.0%	0	0	0.0%	1,956	2,070	-5.5%
NY HARBOR HEAT OIL SWP	AT	0	105	-100.0%	104	0	0	3,213	4,682	-31.4%	0	871	-100.0%	319	0	0.0%	15,241	28,242	-46.0%
NYISO ZONE G 5MW PEAK OPT	9U	0	0	0.0%	0	0	0	0	420	-100.0%	0	0	0.0%	0	0	0.0%	19,830	420	4,621.4%
NYMEX EUROPEAN GASOIL AP	F7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL OP	F8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	2,880	-	-
PETROCHEMICALS	4H	0	0	0.0%	0	8	-1	172	475	-63.8%	0	0	0.0%	0	8	-100.0%	2,469	7,905	-68.8%
PETROCHEMICALS	4I	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	240	1,200	-80.0%	0	0	0.0%	0	0	0.0%	2,420	3,150	-23.2%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	18	495	-96.4%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%
PGE CITYGATE PIPE SWAP	CW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM CALENDAR STRIP	6O	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM ELECTRIC	6OO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	JO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	80	0	0.0%	0	0	0.0%	0	0	0.0%	2,620	140	1,771.4%
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	1,294	205	531.2%	0	0	0.0%	0	0	0.0%	11,213	1,569	614.7%
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	3,400	-100.0%
RBOB CALENDAR SWAP	RA	0	2	-100.0%	10	0	0	100	2,424	-95.9%	0	50	-100.0%	10	0	0.0%	2,125	4,549	-53.3%
RBOB PHY	OB	0	486	-100.0%	8,618	8,493	0.01	28,075	29,255	-4.0%	0	6,970	-100.0%	29,865	43,869	-31.9%	100,414	172,786	-41.9%
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	360	1,710	-78.9%	0	0	0.0%	0	0	0.0%	1,260	2,832	-55.5%
SHORT TERM	U11	0	0	0.0%	0	0	0	1,280	200	540.0%	0	0	0.0%	0	0	0.0%	2,450	1,500	63.3%

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Energy Options																			
SHORT TERM	U12	0	0	0.0%	0	0	0	479	650	-26.3%	0	0	0.0%	0	0	0.0%	1,399	2,180	-35.8%
SHORT TERM	U13	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	975	2,586	-62.3%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	800	3,225	-75.2%
SHORT TERM	U15	0	0	0.0%	0	0	0	1,130	0	0.0%	0	0	0.0%	0	0	0.0%	2,745	1,400	96.1%
SHORT TERM	U22	0	0	0.0%	0	0	0	350	0	0.0%	0	0	0.0%	0	0	0.0%	800	1,650	-51.5%
SHORT TERM	U23	0	0	0.0%	0	0	0	240	200	20.0%	0	0	0.0%	0	0	0.0%	860	500	72.0%
SHORT TERM	U24	0	0	0.0%	0	0	0	490	430	14.0%	0	0	0.0%	0	0	0.0%	1,720	980	75.5%
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	205	-51.2%
SHORT TERM	U26	0	0	0.0%	0	0	0	40	150	-73.3%	0	0	0.0%	0	0	0.0%	60	1,230	-95.1%
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	890	500	78.0%	0	0	0.0%	0	0	0.0%	2,040	2,575	-20.8%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	430	0	0.0%	0	0	0.0%	0	0	0.0%	1,285	2,975	-56.8%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	480	225	113.3%	0	0	0.0%	0	0	0.0%	1,370	525	161.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	530	1,000	-47.0%	0	0	0.0%	0	0	0.0%	730	2,500	-70.8%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	130	575	-77.4%	0	0	0.0%	0	0	0.0%	730	2,025	-64.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	0	550	-100.0%	0	0	0.0%	0	0	0.0%	4,500	1,830	145.9%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	0	0.0%	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	270	0	0.0%	0	0	0.0%	0	0	0.0%	2,120	1,347	57.4%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	380	620	-38.7%	0	0	0.0%	0	0	0.0%	1,760	1,967	-10.5%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	57	175	-67.4%	0	0	0.0%	0	0	0.0%	3,757	2,890	30.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	480	250	92.0%	0	0	0.0%	0	0	0.0%	880	1,535	-42.7%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	754	300	151.3%	0	0	0.0%	0	0	0.0%	1,909	680	180.7%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	417	555	-24.9%	0	0	0.0%	0	0	0.0%	417	1,555	-73.2%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	350	300	16.7%	0	0	0.0%	0	0	0.0%	1,155	1,080	6.9%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,525	730	108.9%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	665	475	40.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	500	-100.0%	0	0	0.0%	0	0	0.0%	1,870	800	133.8%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	0	0.0%	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	0	0	0.0%	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	1,135	0	0.0%	0	0	0.0%	0	0	0.0%	1,795	500	259.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	1,865	0	0.0%	0	0	0.0%	0	0	0.0%	5,250	750	600.0%
SINGAPORE FUEL OIL 180 CS	C5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0.0%
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	0.0%

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Energy Options																			
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10,000	-100.0%
WTI 12 MONTH CALENDAR 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%	880	0	0	27,742	9,300	198.3%	0	0	0.0%	4,720	0	0.0%	215,035	114,790	87.3%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	2,600	-1	108,900	114,492	-4.9%	0	0	0.0%	0	13,526	-100.0%	308,200	853,147	-63.9%

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Metals Futures																			
COMEX GOLD	GC	0	11,915	-100.0%	6,124,763	5,588,614	0.1	242,607	165,620	46.5%	0	59,389	-100.0%	26,508,675	22,758,266	16.5%	961,349	653,823	47.0%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	198	520	-0.62	6,990	1,783	292.0%	0	0	0.0%	926	2,534	-63.5%	18,712	22,793	-17.9%
NYMEX PLATINUM	PL	0	0	0.0%	339,987	240,158	0.42	14,276	5,351	166.8%	0	38	-100.0%	1,726,742	1,397,192	23.6%	56,201	29,313	91.7%
PALLADIUM	PA	0	0	0.0%	181,870	134,368	0.35	9,733	3,173	206.7%	0	63	-100.0%	609,204	540,588	12.7%	32,175	17,523	83.6%
URANIUM	UX	0	0	0.0%	15	254	-0.94	900	800	12.5%	0	0	0.0%	427	993	-57.0%	2,982	5,100	-41.5%
COMEX SILVER	SI	0	1,355	-100.0%	1,854,612	1,154,245	0.61	49,913	15,590	220.2%	0	6,705	-100.0%	8,526,442	6,806,677	25.3%	218,203	106,391	105.1%
COMEX E-Mini GOLD	QO	0	0	0.0%	7,638	11,527	-0.34	0	0	0.0%	0	0	0.0%	46,015	52,888	-13.0%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	1,092	1,229	-0.11	0	0	0.0%	0	0	0.0%	4,498	4,808	-6.4%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,853,135	1,506,795	0.23	14,249	1,205	1,082.5%	0	454	-100.0%	9,861,305	8,119,031	21.5%	140,962	15,794	792.5%
COMEX MINY COPPER	QC	0	0	0.0%	499	392	0.27	0	0	0.0%	0	0	0.0%	4,113	3,222	27.7%	0	0	0.0%
Aluminium MW Trans Prem Platts	AUP	0	0	0.0%	151	577	-0.74	6,128	3,555	72.4%	0	0	0.0%	1,090	2,412	-54.8%	39,929	27,195	46.8%
ALUMINUM	A38	0	-	-	0	-		0	-	-	0	-	-	0	-	-	30	-	-
ALUMINUM	AEP	0	0	0.0%	18	120	-0.85	212	260	-18.5%	0	0	0.0%	78	2,328	-96.6%	15,611	3,031	415.0%
ALUMINUM	ALA	0	-	-	0	-		50	-	-	0	-	-	0	-	-	150	-	-
ALUMINUM	ALI	0	0	0.0%	180	521	-0.65	80	0	0.0%	0	0	0.0%	3,594	2,893	24.2%	700	0	0.0%
ALUMINUM	EDP	0	0	0.0%	0	0	0	1,820	464	292.2%	0	0	0.0%	2	0	0.0%	2,795	704	297.0%
ALUMINUM	MJP	0	0	0.0%	90	32	1.81	0	840	-100.0%	0	0	0.0%	100	678	-85.3%	4,648	2,494	86.4%
COPPER	HGS	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	923	1,101	-16.2%
E-MICRO GOLD	MGC	0	0	0.0%	92,165	103,808	-0.11	0	0	0.0%	0	0	0.0%	437,386	454,193	-3.7%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	0	0	0	90	30	200.0%	0	0	0.0%	35	0	0.0%	270	420	-35.7%
FERROUS PRODUCTS	SSF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	GPS	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
Gold Kilo	GCK	0	0	0.0%	290	3,712	-0.92	0	0	0.0%	0	0	0.0%	1,921	28,028	-93.1%	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	220	1,280	-82.8%	0	0	0.0%	0	0	0.0%	1,512	2,470	-38.8%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	186	94	0.98	16,009	11,806	35.6%	0	0	0.0%	1,715	3,199	-46.4%	58,506	98,599	-40.7%
LNDN ZINC	ZNC	0	0	0.0%	15	36	-0.58	0	0	0.0%	0	0	0.0%	50	115	-56.5%	0	0	0.0%
METALS	LED	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
SILVER	SIL	0	0	0.0%	5,780	6,961	-0.17	0	0	0.0%	0	0	0.0%	25,470	37,561	-32.2%	0	0	0.0%

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Metals Options																			
COMEX COPPER	HX	0	23	-100.0%	4,340	2,732	0.59	0	500	-100.0%	0	973	-100.0%	17,593	9,311	88.9%	2,679	796	236.6%
COMEX GOLD	OG	0	69,069	-100.0%	592,385	622,635	-0.05	275,110	125,994	118.4%	0	399,691	-100.0%	3,042,568	3,173,374	-4.1%	959,158	726,734	32.0%
COMEX SILVER	SO	0	6,822	-100.0%	134,750	82,854	0.63	18,230	11,672	56.2%	0	42,193	-100.0%	502,534	472,010	6.5%	69,106	52,917	30.6%
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%	3,924	1,050	2.74	200	0	0.0%	0	86	-100.0%	13,530	4,814	181.1%	200	100	100.0%
GOLD	OG2	0	0	0.0%	3,808	867	3.39	0	100	-100.0%	0	240	-100.0%	13,046	4,002	226.0%	600	1,050	-42.9%
GOLD	OG3	0	0	0.0%	5,761	1,365	3.22	255	50	410.0%	0	30	-100.0%	17,905	4,333	313.2%	1,465	300	388.3%
GOLD	OG4	0	0	0.0%	1,267	572	1.22	0	0	0.0%	0	0	0.0%	5,930	2,644	124.3%	100	150	-33.3%
GOLD	OG5	0	0	0.0%	0	0	0	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	140	550	-74.5%	0	0	0.0%	0	0	0.0%	7,972	31,581	-74.8%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	1,500	2,894	-48.2%	0	0	0.0%	0	0	0.0%	14,185	16,124	-12.0%
NYMEX PLATINUM	PO	0	412	-100.0%	1,480	703	1.11	1,555	4,523	-65.6%	0	1,978	-100.0%	3,994	2,960	34.9%	9,394	19,013	-50.6%
PALLADIUM	PAO	0	0	0.0%	1,281	292	3.39	4,559	1,408	223.8%	0	272	-100.0%	4,699	805	483.7%	14,738	13,182	11.8%
SILVER	SO1	0	0	0.0%	241	0	0	0	0	0.0%	0	0	0.0%	464	12	3,766.7%	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%	382	0	0	0	0	0.0%	0	0	0.0%	562	5	11,140.0%	0	0	0.0%
SILVER	SO4	0	0	0.0%	51	0	0	0	0	0.0%	0	0	0.0%	94	9	944.4%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	6	-100.0%	0	0	0.0%
TOTAL FUTURES GROUP																			
Commodities and Alternative Investments Future		0	0	0.0%	58	274	-78.8%	0	0	0.0%	0	0	0.0%	153	1,752	-91.3%	0	0	0.0%
Energy Futures		0	3,462	-100.0%	46,475,912	36,969,027	25.7%	3,546,452	3,981,888	-10.9%	0	20,248	-100.0%	204,929,991	194,336,616	5.5%	20,834,511	24,705,368	-15.7%
Metals Futures		0	13,270	-100.0%	10,462,684	8,753,963	19.5%	363,277	211,797	71.5%	0	66,649	-100.0%	47,759,788	40,217,606	18.8%	1,555,658	986,751	57.7%
TOTAL FUTURES		0	16,732	-100.0%	56,938,654	45,723,264	24.5%	3,909,729	4,193,685	-6.8%	0	86,897	-100.0%	252,689,932	234,555,974	7.7%	22,390,169	25,692,119	-12.9%
TOTAL OPTIONS GROUP																			
Energy Options		0	29,234	-100.0%	5,515,255	3,026,981	82.2%	3,168,199	2,670,071	18.7%	0	207,889	-100.0%	21,888,154	17,151,440	27.6%	13,891,393	15,544,072	-10.6%
Metals Options		0	76,326	-100.0%	749,670	713,070	5.1%	301,549	147,691	104.2%	0	445,663	-100.0%	3,625,667	3,675,796	-1.4%	1,079,597	862,047	25.2%
TOTAL OPTIONS		0	105,560	-100.0%	6,264,925	3,740,051	67.5%	3,469,748	2,817,762	23.1%	0	653,552	-100.0%	25,513,821	20,827,236	22.5%	14,970,990	16,406,119	-8.7%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 2016	% CHG	CME ClearPort MAY 2017	CME ClearPort MAY 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
TOTAL COMBINED																		
Commodities and Alternative Investments	0	0	0.0%	58	274	-78.8%	0	0	0.0%	0	0	0.0%	153	1,752	-91.3%	0	0	0.0%
Energy	0	32,696	-100.0%	51,991,167	39,996,008	30.0%	6,714,651	6,651,959	0.9%	0	228,137	-100.0%	226,818,145	211,488,056	7.2%	34,725,904	40,249,440	-13.7%
Metals	0	89,596	-100.0%	11,212,354	9,467,033	18.4%	664,826	359,488	84.9%	0	512,312	-100.0%	51,385,455	43,893,402	17.1%	2,635,255	1,848,798	42.5%
GRAND TOTAL	0	122,292	-100.0%	63,203,579	49,463,315	27.8%	7,379,477	7,011,447	5.2%	0	740,449	-100.0%	278,203,753	255,383,210	8.9%	37,361,159	42,098,238	-11.3%