

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open		ELEC	ELEC	%	CME	CME	%
Commodity	Indicator	Outcry	Outcry	CHG	OCT	OCT	CHG	ClearPort	ClearPort	CHG	Y.T.D	Y.T.D	CHG	Y.T.D	Y.T.D	CHG	ClearPort	ClearPort	CHG
		2016	2015		2016	2015		OCT 2016	OCT 2015		2016	2015		2016	2015		Y.T.D	Y.T.D	
Commodities and Alternative Investments																			
Futures																			
COCOA TAS	CJ	0	0	0.0%	30	219	-0.86	0	0	0.0%	0	0	0.0%	2,580	1,193	116.3%	0	0	0.0%
COFFEE	KT	0	0	0.0%	3	36	-0.92	0	0	0.0%	0	0	0.0%	168	584	-71.2%	0	0	0.0%
COTTON	TT	0	0	0.0%	9	43	-0.79	0	0	0.0%	0	0	0.0%	575	552	4.2%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	2	47	-0.96	0	0	0.0%	0	0	0.0%	415	1,175	-64.7%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	462	6,735	-93.1%	22,383,452	16,862,626	0.33	617,020	601,274	2.6%	20,093	136,210	-85.2%	219,008,768	162,141,527	35.1%	6,212,824	5,225,653	18.9%
CRUDE OIL	WS	0	0	0.0%	0	0	0	424	5,892	-92.8%	0	0	0.0%	0	21	-100.0%	83,368	152,744	-45.4%
MINY WTI CRUDE OIL	QM	0	0	0.0%	227,921	210,853	0.08	0	0	0.0%	0	0	0.0%	2,848,927	2,744,725	3.8%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,530,837	2,081,282	-0.26	15,646	12,569	24.5%	344	0	0.0%	18,888,975	22,057,428	-14.4%	187,886	179,956	4.4%
HEATING OIL PHY	HO	182	182	0.0%	2,939,540	3,146,464	-0.07	183,755	257,152	-28.5%	968	4,886	-80.2%	29,921,434	27,967,806	7.0%	2,053,745	2,086,966	-1.6%
HTG OIL	BH	0	0	0.0%	0	0	0	24	12	100.0%	36	0	0.0%	0	0	0.0%	5,246	108	4,757.4%
MINY HTG OIL	QH	0	0	0.0%	7	5	0.4	0	0	0.0%	0	0	0.0%	95	81	17.3%	0	0	0.0%
RBOB PHY	RB	64	2	3,100.0%	3,162,693	2,928,554	0.08	153,569	158,945	-3.4%	573	3,156	-81.8%	35,580,563	30,992,060	14.8%	1,890,674	1,951,934	-3.1%
MINY RBOB GAS	QU	0	0	0.0%	3	4	-0.25	0	0	0.0%	0	0	0.0%	45	47	-4.3%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	34,775	21,589	0.61	109,697	121,241	-9.5%	800	1,013	-21.0%	200,362	47,306	323.5%	1,081,658	756,990	42.9%
LTD NAT GAS	HH	0	0	0.0%	85,476	74,249	0.15	161,725	234,216	-31.0%	0	549	-100.0%	729,085	649,886	12.2%	1,585,065	1,657,663	-4.4%
MINY NATURAL GAS	QG	0	0	0.0%	33,276	25,601	0.3	0	0	0.0%	0	0	0.0%	253,764	268,527	-5.5%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	1,008	-100.0%	0	0	0.0%	0	0	0.0%	2,898	6,802	-57.4%
NATURAL GAS PHY	NG	52	8,035	-99.4%	9,905,953	7,319,622	0.35	333,651	242,258	37.7%	1,590	45,394	-96.5%	76,374,450	64,827,090	17.8%	2,217,562	2,585,116	-14.2%
RBOB GAS	RT	0	0	0.0%	0	0	0	1,396	1,243	12.3%	0	0	0.0%	0	0	0.0%	13,183	11,426	15.4%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	359	90	298.9%	0	0	0.0%	0	0	0.0%	2,650	526	403.8%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	67	0	0.0%	0	0	0.0%	0	0	0.0%	277	143	93.7%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	240	662	-63.7%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	942	-100.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	0	0	120	0	0.0%	0	0	0.0%	0	0	0.0%	6,224	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	527	154	242.2%	0	0	0.0%	0	0	0.0%	8,105	1,365	493.8%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,996	-100.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0	0	886	60	1,376.7%	0	0	0.0%	0	0	0.0%	4,485	7,670	-41.5%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0	0	0	94	-100.0%	0	0	0.0%	0	0	0.0%	130	2,556	-94.9%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
Energy Futures																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	9,147	5,186	76.4%	0	0	0.0%	0	0	0.0%	124,772	74,972	66.4%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	1,783	848	110.3%	0	0	0.0%	0	0	0.0%	15,564	4,188	271.6%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	851	698	21.9%	0	0	0.0%	0	0	0.0%	8,870	5,368	65.2%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	228	83	174.7%	0	0	0.0%	0	0	0.0%	4,027	1,799	123.8%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	682	320	113.1%	0	0	0.0%	0	0	0.0%	1,967	4,754	-58.6%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	1,000	1,023	-2.2%	0	0	0.0%	0	0	0.0%	19,002	54,570	-65.2%
BRENT CFD(PLATTS) VS FRNT	1C	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT CFD SWAP	6W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	950	-100.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	500	1,750	-71.4%	0	0	0.0%	0	0	0.0%	2,902	63,496	-95.4%
BRENT FINANCIAL FUTURES	MBC	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	1,424	-	-
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	105	0	0.0%	0	0	0.0%	0	0	0.0%	2,513	330	661.5%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	-	-	0	-	0	17,930	-	-	0	-	0	-	-	0	17,930	-	-
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	1,125	3,600	-68.8%	0	0	0.0%	0	0	0.0%	19,830	10,419	90.3%
CARBON EUA EMISSIONS EUR	RC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	214	0	0.0%	0	0	0.0%	0	0	0.0%	13,180	19,224	-31.4%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	740	677	9.3%
CENTER POINT NAT GAS FIXED	DAC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	32	-100.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	329	1,699	-0.81	99,260	74,967	32.4%	0	0	0.0%	10,811	8,251	31.0%	995,406	875,289	13.7%
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	132	320	-58.8%	0	0	0.0%	0	0	0.0%	2,738	4,045	-32.3%
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%	2,090	345	505.8%
CIG BASIS	CI	0	0	0.0%	0	0	0	3,212	978	228.4%	0	0	0.0%	0	0	0.0%	78,159	20,428	282.6%
CIG ROCKIES NG INDEX SWA	Z8	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	1,054	-	-
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%	60	630	-90.5%
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	40	-100.0%
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%	298,960	178,560	67.4%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	222	498	-55.4%	0	0	0.0%	0	0	0.0%	20,625	9,291	122.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	4,000	282,080	-98.6%	0	0	0.0%	0	0	0.0%	993,984	642,952	54.6%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	640	9,429	-93.2%	0	0	0.0%	0	0	0.0%	65,561	16,649	293.8%
COAL SWAP	ACM	0	0	0.0%	0	0	0	170	315	-46.0%	0	0	0.0%	0	0	0.0%	2,623	3,285	-20.2%
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	160	-100.0%	0	0	0.0%	0	0	0.0%	187	2,962	-93.7%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	214	638	-66.5%	0	0	0.0%	122	0	0.0%	21,798	22,834	-4.5%

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Energy Futures																		
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,208	620	256.1%
COLUMBIA GULF NAT GAS FIXE	DCE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	488	-100.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0	0	728	-100.0%	0	0	0.0%	0	0	0.0%	3,108	3,444	-9.8%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	1,661	571	190.9%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	25	15	66.7%	0	0	0.0%	0	0	0.0%	2,544	1,859	36.8%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	10,594	7,419	42.8%	0	0	0.0%	0	20	-100.0%	72,358	44,906	61.1%
CRUDE OIL	CHB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	60	-	-
CRUDE OIL	LPS	0	0	0.0%	0	0	4,105	2,510	63.5%	0	0	0.0%	0	0	0.0%	48,620	23,274	108.9%
CRUDE OIL LAST DAY	26	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	37	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	525	-100.0%	0	0	0.0%	0	0	0.0%	981	11,717	-91.6%
CRUDE OIL OUTRIGHTS	CSW	0	-	-	0	-	540	-	-	0	-	-	0	-	-	1,620	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	200	355	-43.7%	0	0	0.0%	0	0	0.0%	850	28,612	-97.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	235	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	-	-	0	-	0	-	-	0	-	-	0	-	-	90	-	-
CRUDE OIL OUTRIGHTS	HTT	0	-	-	0	-	2,630	-	-	0	-	-	0	-	-	21,123	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	5,220	7,165	-27.1%	0	0	0.0%	0	0	0.0%	49,874	57,468	-13.2%
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%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0	250	0	0.0%	0	0	0.0%	0	0	0.0%	675	300	125.0%
CRUDE OIL SPRDS	KE	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	15,885	3,412	365.6%	0	0	0.0%	0	0	0.0%	37,612	5,307	608.7%
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%
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%
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%
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%
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%
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%
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%
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%
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%
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%
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,720	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0	0	8,020	-100.0%	0	0	0.0%	0	0	0.0%	0	8,020	-100.0%

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Energy Futures																		
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%	200	23,657	-99.2%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	2,550	2,664	-4.3%	0	0	0.0%	0	0	0.0%	15,060	28,290	-46.8%
DEMARCO INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	800	0	0.0%
DEMARCO SWING SWAP	DT	0	-	-	0	-	0	-	-	0	-	-	0	-	-	62	-	-
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%	125	10	1,150.0%
DIESEL 10PPM BARGES FOB B	U7	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DIESEL10PPM BARG VS ICE LS	LSE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DLY GAS EURO-BOB OXY	GBR	0	-	-	0	-	0	-	-	0	-	-	0	-	-	60	-	-
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	2,640	2,160	22.2%	0	0	0.0%	0	0	0.0%	19,995	2,160	825.7%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	30	0	29,089	16,535	75.9%	0	0	0.0%	366	0	0.0%	210,914	63,777	230.7%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	275	100	175.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	2,003	5,034	-60.2%	0	0	0.0%	0	0	0.0%	18,519	38,885	-52.4%
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	700	-100.0%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	1,080	1,695	-36.3%	0	0	0.0%	0	0	0.0%	12,742	38,776	-67.1%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	45	13	246.2%	0	0	0.0%	0	0	0.0%	321	2,336	-86.3%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	554	579	-4.3%	0	0	0.0%	0	0	0.0%	10,538	8,160	29.1%
ELEC ERCOT DLY OFF PK	R4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	I9	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC ERCOT DLY PEAK	N1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	965	-100.0%
ELEC ERCOT DLY PEAK	R1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	ERU	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC ERCOT OFF PEAK	O1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	17,565	-100.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,270	0	0.0%
ELEC FINSETTLED	49	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,275	-100.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,530	-100.0%
ELEC MISO PEAK	55	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,036	-100.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,796	-100.0%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	37,600	-100.0%
ELECTRICITY ERCOT PEAK	ERE	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	23,480	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	11,680	-100.0%
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	23,520	-100.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Futures																		
ELEC WEST POWER OFF-PEAK	MDA	0	-	-	0	-	1,840	-	-	0	-	-	0	-	-	1,840	-	-
ELEC WEST POWER PEAK	MDC	0	-	-	0	-	5,390	-	-	0	-	-	0	-	-	5,390	-	-
EL PASO PERMIAN INDEX SWA EMISSIONS	IL	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,612	-	-
ERCOT NORTH ZMCPE 5MW OF	CPL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%
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%	4,280	24,093	-82.2%
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	235	2,591	-90.9%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	2,565	1,747	46.8%	0	0	0.0%	0	0	0.0%	22,244	26,378	-15.7%
EU LOW SULPHUR GASOIL CRA	LSC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	5	70	-92.9%	0	0	0.0%	0	0	0.0%	225	116	94.0%
EURO 3.5% FUEL OIL M CRK	FL	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	294	337	-12.8%	0	0	0.0%	0	0	0.0%	3,300	5,825	-43.3%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	826	546	51.3%	0	0	0.0%	0	0	0.0%	5,954	9,131	-34.8%
EURO-DENOMINATED PETRO P	IBE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO P	MFE	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NCP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	158	2,277	-93.1%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	6	-50.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	252	-100.0%	0	0	0.0%	0	0	0.0%	679	908	-25.2%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	102	168	-39.3%	0	0	0.0%	0	0	0.0%	1,457	1,634	-10.8%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	134	160	-16.3%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	388	219	77.2%	0	0	0.0%	0	0	0.0%	3,533	1,016	247.7%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	10,188	6,506	56.6%	0	0	0.0%	0	0	0.0%	68,619	87,804	-21.8%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	6,938	72,383	-0.9	0	0.0%	0	0	0.0%	1,474,467	198,180	644.0%	77,400	950	8,047.4%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	258	101	155.4%	0	0	0.0%	0	0	0.0%	1,697	872	94.6%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	7,677	2,891	165.5%	0	0	0.0%	0	0	0.0%	52,279	72,550	-27.9%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	26,588	37,430	-29.0%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	38	494	-92.3%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	1,847	681	171.2%	0	0	0.0%	0	0	0.0%	14,833	13,468	10.1%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	1,653	368	349.2%	0	0	0.0%	0	0	0.0%	13,004	3,847	238.0%
FL GAS ZONE 3 NAT GAS IND	Q9	0	-	-	0	-	0	-	-	0	-	-	0	-	-	8,310	-	-
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,449	14,510	-62.4%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	188	157	19.7%	0	0	0.0%	0	0	0.0%	1,985	564	252.0%
FREIGHT MARKETS	FRC	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	2,662	2,401	10.9%	0	0	0.0%	0	0	0.0%	43,822	36,097	21.4%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Futures																		
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	32	306	-89.5%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	1,121	264	324.6%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	36	-100.0%	0	0	0.0%	0	0	0.0%	54	176	-69.3%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	109	243	-55.1%	0	0	0.0%	0	0	0.0%	3,214	4,310	-25.4%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	5,906	3,826	54.4%	0	0	0.0%	0	0	0.0%	68,676	69,175	-0.7%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	11,574	11,331	2.1%	0	0	0.0%	0	0	0.0%	140,690	166,443	-15.5%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	10	-40.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF MED BALMO	X6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	75	20	275.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	190	131	45.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	35	266	-86.8%
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%	5	0	0.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	10	-50.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	60	15	300.0%	0	0	0.0%	0	0	0.0%	120	95	26.3%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	30	10	200.0%
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%	15	50	-70.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	30	-90.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	5	120	-95.8%	0	0	0.0%	0	0	0.0%	895	1,418	-36.9%
GASOIL BULLET SWAP	BG	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	314	216	45.4%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	3,420	1,800	90.0%	0	0	0.0%	0	0	0.0%	49,984	34,966	43.0%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	240	462	-48.1%	0	0	0.0%	0	0	0.0%	2,409	3,008	-19.9%
GASOLINE UP-DOWN (ARGUS)	UZ	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOLINE UP-DOWN BALMO S	1K	0	0	0.0%	0	0	0	275	-100.0%	0	0	0.0%	0	0	0.0%	810	5,660	-85.7%
GC ULSD VS GC JET SPREAD	VV	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	200	50.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	4,750	3,994	18.9%	0	0	0.0%	0	0	0.0%	28,043	38,451	-27.1%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	3,470	1,000	247.0%	0	0	0.0%	0	0	0.0%	15,890	15,042	5.6%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	633	1,135	-44.2%	0	0	0.0%	0	0	0.0%	6,815	11,103	-38.6%
GULF COAST GASOLINE CLND	GS	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	1,300	5,765	-77.5%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	342	285	20.0%	0	0	0.0%	0	0	0.0%	1,677	3,578	-53.1%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	31,728	24,401	30.0%	0	0	0.0%	0	0	0.0%	327,381	223,058	46.8%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	58,934	49,655	18.7%	0	0	0.0%	0	0	0.0%	575,015	700,005	-17.9%

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Energy Futures																			
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	882	100	782.0%	0	0	0.0%	0	0	0.0%	6,866	16,580	-58.6%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	816	611	33.6%	0	0	0.0%	3	2	50.0%	8,925	7,531	18.5%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	725	775	-6.5%	0	0	0.0%	0	0	0.0%	6,881	3,375	103.9%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	125	1,289	-90.3%	0	0	0.0%	0	0	0.0%	460	1,654	-72.2%
HEATING OIL CRCK SPRD BAL	1H	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	20	-	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HEATING OIL VS ICE GASOIL	HA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	0	7,270	12,032	-39.6%	0	0	0.0%	31	0	0.0%	188,706	133,559	41.3%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	6,360	12,032	-47.1%	0	0	0.0%	0	0	0.0%	170,634	96,679	76.5%
HENRY HUB SWAP	NN	0	0	0.0%	194,391	178,753	0.09	272,699	405,085	-32.7%	1,472	236	523.7%	1,950,435	488,496	299.3%	2,282,462	4,022,794	-43.3%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	290	1,200	-75.8%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	182	0	0	1,854	4,001	-53.7%	0	0	0.0%	1,102	61	1,706.6%	29,298	37,894	-22.7%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	186	180	3.3%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,073	-100.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	7,400	600	1,133.3%	0	0	0.0%	0	0	0.0%	15,508	9,560	62.2%
ICE GASOIL BALMO SWAP	U9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	706	-1	5,200	750	593.3%	0	0	0.0%	225	1,212	-81.4%	31,276	99,041	-68.4%
INDIANA MISO	FAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FDM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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%	112	0	0.0%
INDIANA MISO	PDM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,240	-100.0%
INDIANA MISO	PTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	45	-100.0%	0	0	0.0%	0	0	0.0%	220	1,605	-86.3%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	20	20	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	407	236	72.5%	0	0	0.0%	0	0	0.0%	4,218	2,773	52.1%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,053	774	36.0%	0	0	0.0%	0	0	0.0%	12,333	10,225	20.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	5	44	-88.6%	0	0	0.0%	0	0	0.0%	375	481	-22.0%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	172	213	-19.2%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	22	15	46.7%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	775	1,089	-28.8%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Futures																		
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	40	-95.0%
JET FUEL CARGOES CIF NEW	F3	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	47	-36.2%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	7,916	4,980	59.0%	0	0	0.0%	0	0	0.0%	42,405	27,587	53.7%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0	52	156	-66.7%	0	0	0.0%	0	0	0.0%	52	234	-77.8%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	625	402	55.5%	0	0	0.0%	0	0	0.0%	7,177	7,016	2.3%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	450	-100.0%	0	0	0.0%	0	0	0.0%	5,950	5,225	13.9%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	10	220	-95.5%	0	0	0.0%	0	0	0.0%	810	490	65.3%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	1,925	1,140	68.9%	0	0	0.0%	0	0	0.0%	20,312	9,760	108.1%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	3,860	11,379	-66.1%	0	0	0.0%	0	0	0.0%	64,071	100,836	-36.5%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	3,904	7,565	-48.4%	0	0	0.0%	0	0	0.0%	40,822	60,885	-33.0%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	19,076	1,805	956.8%	0	0	0.0%	0	0	0.0%	118,047	15,425	665.3%
MARS BLEND CRUDE OIL	MB	0	-	-	0	-	50	-	-	0	-	-	0	-	-	16,024	-	-
MCCLOSKEY ARA ARGS COAL	MTF	0	0	0.0%	0	0	114,162	234,220	-51.3%	0	0	0.0%	0	0	0.0%	1,639,839	1,799,896	-8.9%
MCCLOSKEY RCH BAY COAL	MTF	0	0	0.0%	0	0	12,564	39,632	-68.3%	0	0	0.0%	0	0	0.0%	169,887	234,893	-27.7%
MGF FUT	MGF	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	100	86	16.3%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	67	181	-63.0%	0	0	0.0%	0	0	0.0%	1,427	1,498	-4.7%
MICHCON NG INDEX SWAP	Y8	0	-	-	0	-	360	-	-	0	-	-	0	-	-	2,200	-	-
MICHIGAN BASIS	NF	0	0	0.0%	31	0	2,381	2,537	-6.1%	0	0	0.0%	766	0	0.0%	23,997	5,459	339.6%
MICHIGAN HUB OFF-PEAK MON	HJ	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MICHIGAN HUB PEAK MONTH S	HM	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	127,640	121,440	5.1%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7,240	6,795	6.5%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	387	20	1,835.0%	0	0	0.0%	0	0	0.0%	4,236	3,117	35.9%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	220	350	-37.1%	0	0	0.0%	0	0	0.0%	2,436	4,473	-45.5%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	2,381	605	293.6%	0	0	0.0%	0	0	0.0%	14,198	6,550	116.8%
MISO 5MW OFF PEAK	4R	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MISO 5MW PEAK	4Q	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MJB FUT	MJB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
MJC FUT	MJC	0	0	0.0%	0	0	50	40	25.0%	0	0	0.0%	0	0	0.0%	875	610	43.4%
MNC FUT	MNC	0	0	0.0%	0	0	3,149	3,218	-2.1%	0	0	0.0%	0	0	0.0%	38,823	42,926	-9.6%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	79,895	9,245	764.2%	0	0	0.0%	0	0	0.0%	488,295	70,057	597.0%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	425	250	70.0%	0	0	0.0%	0	0	0.0%	1,470	2,675	-45.0%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Futures																		
MONT BELVIEU LDH PROPANE	B0	0	0.0%	0	17	-1	132,519	68,607	93.2%	0	0	0.0%	158	137	15.3%	1,158,273	462,523	150.4%
MONT BELVIEU LDH PROPANE	8O	0	0.0%	0	0	0	1,489	480	210.2%	0	0	0.0%	0	0	0.0%	9,182	6,688	37.3%
MONT BELVIEU NATURAL GAS	7Q	0	0.0%	0	0	0	5,139	4,495	14.3%	0	0	0.0%	0	0	0.0%	80,210	55,751	43.9%
MONT BELVIEU NATURAL GAS	R0	0	0.0%	0	0	0	25	127	-80.3%	0	0	0.0%	0	0	0.0%	1,761	3,940	-55.3%
MONT BELVIEU NORMAL BUTA	D0	0	0.0%	0	0	0	37,717	22,523	67.5%	0	0	0.0%	0	0	0.0%	271,765	171,003	58.9%
MONT BELVIEU NORMAL BUTA	8J	0	0.0%	0	0	0	323	665	-51.4%	0	0	0.0%	0	0	0.0%	6,118	4,929	24.1%
NAT GAS BASIS SWAP	SGW	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%
NAT GAS BASIS SWAP	TZ6	0	0.0%	0	0	0	3,210	96	3,243.8%	0	0	0.0%	0	0	0.0%	35,310	5,234	574.6%
NATURAL GAS	HBI	0	-	0	-	-	3,540	-	-	0	-	-	0	-	-	3,540	-	-
NATURAL GAS	XAC	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS	XSC	0	0.0%	0	0	0	0	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	3,416	-100.0%
NATURAL GAS FIXED PRICE S	DSF	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6,452	-100.0%
NATURAL GAS FIXED PRICE S	MFS	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,464	-100.0%
NATURAL GAS FIXED PRICE S	PFS	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	496	-100.0%
NATURAL GAS FIXED PRICE S	WFS	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	572	-100.0%
NATURAL GAS FIXED PRICE S	Z5P	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	448	-100.0%
NATURAL GAS FIXED PRICE S	ZTS	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	84	-100.0%
NATURAL GAS INDEX	TZI	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,702	0	0.0%
NATURAL GAS PEN SWP	NP	0	-100.0%	0	0	0	104,281	179,563	-41.9%	92	20,948	-99.6%	0	0	0.0%	1,081,734	1,807,928	-40.2%
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%	11,925	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	635	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0.0%	0	0	0	28,690	58,640	-51.1%	0	0	0.0%	0	0	0.0%	483,239	251,402	92.2%
NEPOOL INTR HUB 5MW D AH	U6	0	0.0%	0	0	0	11,695	4,355	168.5%	0	0	0.0%	0	0	0.0%	44,105	17,290	155.1%
NEPOOL MAINE 5MW D AH O E	W2	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NEPOOL MAINE 5MW D AH PK	P9	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	3,920	-100.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	640	1,385	-53.8%
NEPOOL NEW HAMP 5MW D AH	U2	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	2,025	-100.0%	0	0	0.0%	0	0	0.0%	0	9,541	-100.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0.0%	0	0	0	0	11,840	-100.0%	0	0	0.0%	0	0	0.0%	0	82,605	-100.0%
NEPOOL SE MASS 5MW D AH O	P5	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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%

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Energy Futures																		
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%	4,000	28,848	-86.1%
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%	1,685	840	100.6%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	1,235	1,225	0.8%	0	0	0.0%	0	0	0.0%	14,865	10,140	46.6%
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	260	2,230	-88.3%	0	0	0.0%	0	0	0.0%	29,630	43,453	-31.8%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	180	0	0.0%	0	0	0.0%	0	0	0.0%	7,841	300	2,513.7%
NGPL MIDCONTINENT SWING S	PX	0	-	-	0	-	0	-	-	0	-	-	0	-	-	620	-	-
NGPL TEX/OK	PD	0	0	0.0%	0	0	860	3,398	-74.7%	0	0	0.0%	0	0	0.0%	28,964	77,459	-62.6%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0	0	480	-100.0%	0	0	0.0%	0	0	0.0%	360	1,146	-68.6%
NGPL TEXOK SWING SWAP	OX	-	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	70	-100.0%
NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	2,562	3,209	-20.2%
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	1,762	124	1,321.0%	0	0	0.0%	0	0	0.0%	3,935	5,469	-28.0%
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	1,344	302	345.0%	0	0	0.0%	0	0	0.0%	8,735	4,962	76.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	102	-100.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	870	0	10,836	12,968	-16.4%	0	0	0.0%	2,815	0	0.0%	154,598	92,525	67.1%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	991	-100.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	2,630	4,509	-41.7%	0	0	0.0%	0	0	0.0%	23,658	23,369	1.2%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	230	-100.0%	0	0	0.0%	0	0	0.0%	489	640	-23.6%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	625	600	4.2%	0	0	0.0%	0	0	0.0%	2,125	3,745	-43.3%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	175	-100.0%	0	0	0.0%	0	0	0.0%	101	497	-79.7%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	897	3,412	-73.7%	39	170	-77.1%	12	11	9.1%	22,631	47,302	-52.2%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	5,031	4,042	24.5%
NY HARBOR LOW SULPUR GAS	SLS	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	4,207	6,944	-39.4%	0	0	0.0%	0	0	0.0%	35,454	49,703	-28.7%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	5,005	6,310	-20.7%	0	0	0.0%	0	0	0.0%	20,102	25,094	-19.9%
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	976	-100.0%
NYISO A	KA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	982	-100.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	440	-100.0%
NYISO CAPACITY	LHV	0	-	-	0	-	0	-	-	0	-	-	0	-	-	168	-	-

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
Energy Futures																			
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	96	234	-59.0%	0	0	0.0%	0	0	0.0%	1,773	2,460	-27.9%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	112	548	-79.6%	0	0	0.0%	0	0	0.0%	2,173	4,390	-50.5%
NYISO G	KG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	471	-100.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	190	-100.0%
NYISO J	KJ	0	0	0.0%	0	0	0	0	320	-100.0%	0	0	0.0%	0	0	0.0%	172	2,711	-93.7%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	580	-86.2%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	239,365	365,080	-34.4%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,600	16,846	-78.6%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	54,290	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%	1,512	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	21,175	112,232	-81.1%	0	0	0.0%	0	0	0.0%	405,881	240,288	68.9%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	1,695	3,414	-50.4%	0	0	0.0%	0	0	0.0%	33,388	31,489	6.0%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	44,575	0	0.0%	0	0	0.0%	0	0	0.0%	156,871	56,034	180.0%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	3,180	2,804	13.4%	0	0	0.0%	0	0	0.0%	13,571	9,071	49.6%
NY JET FUEL (ARGUS) VS HEAT	5U	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY JET FUEL (PLATTS) HEAT OI	1U	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	1,745	-100.0%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	1,113	-100.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	55	6,444	-99.1%	0	0	0.0%	0	0	0.0%	7,465	29,738	-74.9%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,065	2,261	-52.9%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	160	0	0.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,750	141,040	-97.3%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	85	60	41.7%	0	0	0.0%	0	0	0.0%	470	270	74.1%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	110	-100.0%	0	0	0.0%	0	0	0.0%	440	8,000	-94.5%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	214	0	0	7,942	13,251	-40.1%	0	0	0.0%	946	0	0.0%	85,316	120,688	-29.3%
PANHANDLE INDEX SWAP FUT	IV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,472	2,018	72.1%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	314	-100.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	6,391	4,294	48.8%	0	0	0.0%	0	0	0.0%	44,798	18,118	147.3%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	47	50	-6.0%	0	0	0.0%	0	0	0.0%	465	294	58.2%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	65	21	209.5%	0	0	0.0%	0	0	0.0%	601	440	36.6%
PETROCHEMICALS	51	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	81	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	604	478	26.4%	0	0	0.0%	0	0	0.0%	2,522	4,478	-43.7%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	179	19	842.1%	0	0	0.0%	0	0	0.0%	1,682	246	583.7%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Futures																		
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	48	58	-17.2%
PETROCHEMICALS	LPE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	76	-100.0%
PETROCHEMICALS	MAC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	110	-	-
PETROCHEMICALS	MAE	0	0	0.0%	0	0	60	10	500.0%	0	0	0.0%	0	0	0.0%	445	220	102.3%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	30	10	200.0%	0	0	0.0%	0	0	0.0%	990	285	247.4%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	2,580	3,080	-16.2%	0	0	0.0%	0	0	0.0%	29,300	17,865	64.0%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	964	193	399.5%	0	0	0.0%	0	0	0.0%	19,650	13,851	41.9%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	162	-100.0%	0	0	0.0%	0	0	0.0%	1,050	612	71.6%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	64	430	-85.1%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	80	318	-74.8%
PETRO CRCKS & SPRDS NA	CBA	-	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	150	0	0.0%	0	0	0.0%	0	0	0.0%	1,189	2,443	-51.3%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	1,788	783	128.4%	0	0	0.0%	0	0	0.0%	14,623	11,837	23.5%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	900	350	157.1%	0	0	0.0%	0	0	0.0%	10,005	4,090	144.6%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	2,390	50	4,680.0%
PETRO CRCKS & SPRDS NA	GCC	0	-	-	0	-	375	-	-	0	-	-	0	-	-	2,025	-	-
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	2,157	300	619.0%	0	0	0.0%	0	0	0.0%	11,568	10,931	5.8%
PETRO CRCKS & SPRDS NA	GCM	0	-	-	0	-	0	-	-	0	-	-	0	-	-	66	-	-
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	8,442	7,390	14.2%	0	0	0.0%	0	0	0.0%	72,635	120,340	-39.6%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	129	100	29.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	485	1,875	-74.1%	0	0	0.0%	0	0	0.0%	34,909	36,062	-3.2%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	390	-100.0%
PETRO CRCKS & SPRDS NA	MFR	0	-	-	0	-	0	-	-	0	-	-	0	-	-	30	-	-
PETRO CRCKS & SPRDS NA	NFC	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	220	0	0.0%	0	0	0.0%	0	0	0.0%	1,008	200	404.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	490	2,100	-76.7%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	450	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	13,301	8,273	60.8%	0	0	0.0%	0	0	0.0%	101,954	103,933	-1.9%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	6,457	250	2,482.8%	0	0	0.0%	0	0	0.0%	82,868	2,465	3,261.8%
PETRO CRCKS & SPRDS NA	SF3	0	-	-	0	-	0	-	-	0	-	-	0	-	-	34	-	-
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	1,050	2,027	-48.2%	0	0	0.0%	0	0	0.0%	16,394	17,030	-3.7%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	610	56	989.3%	0	0	0.0%	0	0	0.0%	2,149	3,659	-41.3%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	170	-100.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
Energy Futures																			
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	3,606	2,012	79.2%	0	0	0.0%	0	0	0.0%	21,808	17,273	26.3%
PETRO CRK&SPRD EURO	EBF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	6	30	-80.0%	0	0	0.0%	0	0	0.0%	97	362	-73.2%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	266	36	638.9%	0	0	0.0%	0	0	0.0%	2,473	470	426.2%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	3,196	760	320.5%	0	0	0.0%	0	0	0.0%	16,755	15,120	10.8%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	480	530	-9.4%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	345	0	0.0%	0	0	0.0%	0	0	0.0%	1,130	1,158	-2.4%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	99	644	-84.6%
PETRO CRK&SPRD EURO	GRB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	GRS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	LSU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	40	10	300.0%	0	0	0.0%	0	0	0.0%	40	434	-90.8%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	47	191	-75.4%	0	0	0.0%	0	0	0.0%	1,199	802	49.5%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	198	56	253.6%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	541	261	107.3%	0	0	0.0%	0	0	0.0%	4,830	1,826	164.5%
PETRO CRK&SPRD EURO	NYG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	165	15	1,000.0%
PETRO CRK&SPRD EURO	SFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	D43	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D44	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	34	-100.0%
PETROLEUM PRODUCTS	D45	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	58	-100.0%
PETROLEUM PRODUCTS	D46	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	30	-	-
PETROLEUM PRODUCTS	D63	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D64	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	189	-100.0%
PETROLEUM PRODUCTS	D65	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	140	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	6,062	0	0.0%	0	0	0.0%	0	0	0.0%	11,959	6	199,216.7%
PETROLEUM PRODUCTS	MBS	0	-	-	0	-	0	8	-	-	0	-	-	0	-	-	559	-	-
PETROLEUM PRODUCTS	MHE	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	30	-	-
PETROLEUM PRODUCTS	MPE	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	1,363	-	-
PETROLEUM PRODUCTS	RMG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	RMK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	1,172	350	234.9%	0	0	0.0%	0	0	0.0%	3,598	1,144	214.5%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Futures																		
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	467	812	-42.5%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	1,854	860	115.6%	0	0	0.0%	0	0	0.0%	12,945	16,075	-19.5%
PETRO OUTRIGHT EURO	0A	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	70	20	250.0%	0	0	0.0%	0	0	0.0%	1,370	914	49.9%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	8	-100.0%	0	0	0.0%	0	0	0.0%	201	123	63.4%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	5,019	4,838	3.7%	0	0	0.0%	0	0	0.0%	39,987	42,444	-5.8%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	1,270	418	203.8%	0	0	0.0%	0	0	0.0%	9,463	4,408	114.7%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	1,993	866	130.1%	0	0	0.0%	0	0	0.0%	12,696	9,356	35.7%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	85	-76.5%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	60	30	100.0%	0	0	0.0%	0	0	0.0%	339	603	-43.8%
PETRO OUTRIGHT EURO	59	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	240	75	220.0%	0	0	0.0%	0	0	0.0%	1,852	1,130	63.9%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	128	65	96.9%	0	0	0.0%	0	0	0.0%	1,445	929	55.5%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	16	-100.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	114	230	-50.4%	0	0	0.0%	0	0	0.0%	1,513	1,713	-11.7%
PETRO OUTRIGHT EURO	7P	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	323	37	773.0%	0	0	0.0%	0	0	0.0%	2,741	2,719	0.8%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	55	243	-77.4%
PETRO OUTRIGHT EURO	CBB	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	30	-80.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	58	86	-32.6%	0	0	0.0%	0	0	0.0%	999	454	120.0%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	85	0	0.0%	0	0	0.0%	0	0	0.0%	501	159	215.1%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	665	455	46.2%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	40	122	-67.2%	0	0	0.0%	0	0	0.0%	1,161	608	91.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	77	172	-55.2%	0	0	0.0%	0	0	0.0%	1,721	973	76.9%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	121	-83.5%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	84	245	-65.7%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	1,690	1,594	6.0%	0	0	0.0%	0	0	0.0%	15,367	11,261	36.5%
PETRO OUTRIGHT EURO	RBF	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	340	600	-43.3%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	909	82	1,008.5%	0	0	0.0%	0	0	0.0%	1,328	1,850	-28.2%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	490	1,550	-68.4%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	105	0	0.0%	0	0	0.0%	0	0	0.0%	105	2,794	-96.2%
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%

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.

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Futures																		
PETRO OUTRIGHT EURO	X0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	150	698	-78.5%
PETRO OUTRIGHT EURO	Y0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
PETRO OUTRIGHT NA	5Y	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	DBB	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0.0%	0	0	0	1,358	64	2,021.9%	0	0	0.0%	0	0	0.0%	2,598	2,543	2.2%
PETRO OUTRIGHT NA	FOB	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT NA	FOM	0	0.0%	0	0	0	5	15	-66.7%	0	0	0.0%	0	0	0.0%	8	62	-87.1%
PETRO OUTRIGHT NA	GBA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	-	8	-
PETRO OUTRIGHT NA	GUD	0	-	-	0	-	0	-	-	0	-	-	0	-	-	-	13	-
PETRO OUTRIGHT NA	JE	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	439	215	104.2%
PETRO OUTRIGHT NA	JET	0	0.0%	0	0	0	9,570	1,715	458.0%	0	0	0.0%	0	0	0.0%	45,705	12,495	265.8%
PETRO OUTRIGHT NA	MBL	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	234	746	-68.6%
PETRO OUTRIGHT NA	MEN	0	0.0%	0	0	0	448	449	-0.2%	0	0	0.0%	0	0	0.0%	6,279	6,517	-3.7%
PETRO OUTRIGHT NA	MEO	0	0.0%	0	0	0	11,723	5,954	96.9%	0	0	0.0%	0	0	0.0%	102,867	82,673	24.4%
PETRO OUTRIGHT NA	MFD	0	0.0%	0	0	0	158	262	-39.7%	0	0	0.0%	0	0	0.0%	1,058	675	56.7%
PETRO OUTRIGHT NA	MMF	0	0.0%	0	0	0	338	155	118.1%	0	0	0.0%	0	0	0.0%	1,586	1,497	5.9%
PETRO OUTRIGHT NA	NYB	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	NYT	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	25	300.0%
PETRO OUTRIGHT NA	XER	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
PGE&E CITYGATE	PC	-	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	50,650	234,832	-78.4%	0	0	0.0%	0	0	0.0%	1,247,258	1,365,726	-8.7%
PJM AD HUB 5MW REAL TIME	Z9	0	0.0%	0	0	0	5,335	9,750	-45.3%	0	0	0.0%	0	0	0.0%	100,314	76,304	31.5%
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	132	-100.0%
PJM APS ZONE DA OFF-PEAK	W4	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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%	6,005	23,400	-74.3%
PJM ATSI ELEC	MPD	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	315	1,275	-75.3%
PJM BGE DA OFF-PEAK	R3	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	23,400	0	0.0%
PJM BGE DA PEAK	E3	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,275	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	257,480	84,325	205.3%
PJM COMED 5MW D AH PK	D8	0	0.0%	0	0	0	0	2,580	-100.0%	0	0	0.0%	0	0	0.0%	14,650	7,150	104.9%
PJM DAILY	JD	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,300	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0.0%	0	0	0	0	15,860	-100.0%	0	0	0.0%	0	0	0.0%	27,310	113,308	-75.9%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Futures																		
PJM DAYTON DA PEAK	D7	0	0.0%	0	0	0	0	110	-100.0%	0	0	0.0%	0	0	0.0%	21,943	9,340	134.9%
PJM DPL DA OFF-PEAK	E8	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM DPL DA PEAK	L8	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM DUQUESNE 5MW D AH PK	D5	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM DUQUS 5MW D AH O PK	D6	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM EASTERNH DA PEAK	E9	-	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	15,360	-100.0%
PJM JCPL DA PEAK	J2	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	650	-100.0%
PJM NI HUB 5MW REAL TIME	B3	0	0.0%	0	0	0	3,390	10,485	-67.7%	0	0	0.0%	0	0	0.0%	70,029	44,863	56.1%
PJM NI HUB 5MW REAL TIME	B6	0	0.0%	0	0	0	124,760	254,510	-51.0%	0	0	0.0%	0	0	0.0%	1,650,702	1,644,620	0.4%
PJM NILL DA OFF-PEAK	L3	0	0.0%	0	0	0	8,965	20,927	-57.2%	0	0	0.0%	0	0	0.0%	884,177	423,302	108.9%
PJM NILL DA PEAK	N3	0	0.0%	0	0	0	191	5,183	-96.3%	0	0	0.0%	0	0	0.0%	43,655	19,727	121.3%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	140	1,744	-92.0%
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	650	-100.0%
PJM PEPKO DA OFF-PEAK	Q8	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	7,440	-100.0%
PJM PEPKO DA PEAK	R8	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0.0%	0	0	0	0	37,632	-100.0%	0	0	0.0%	0	0	0.0%	0	61,152	-100.0%
PJM PPL DA PEAK	L5	0	0.0%	0	0	0	0	2,040	-100.0%	0	0	0.0%	0	0	0.0%	0	3,315	-100.0%
PJM PSEG DA OFF-PEAK	W6	0	0.0%	0	0	0	0	1,960	-100.0%	0	0	0.0%	0	0	0.0%	163,800	1,960	8,257.1%
PJM PSEG DA PEAK	L6	0	0.0%	0	0	0	0	110	-100.0%	0	0	0.0%	0	0	0.0%	5,100	110	4,536.4%
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	540,772	-100.0%	0	0	0.0%	0	0	0.0%	825,010	689,892	19.6%
PJM WESTHDA PEAK	J4	0	0.0%	0	0	0	0	27,960	-100.0%	0	0	0.0%	0	0	0.0%	45,673	36,775	24.2%
PJM WESTH RT OFF-PEAK	N9	0	0.0%	0	0	0	257,880	1,173,714	-78.0%	0	0	0.0%	0	0	0.0%	6,091,940	2,839,860	114.5%
PJM WESTH RT PEAK	L1	0	0.0%	0	0	0	35,729	62,485	-42.8%	0	0	0.0%	0	0	0.0%	580,716	186,244	211.8%
PLASTICS	PGP	0	0.0%	0	0	0	452	765	-40.9%	0	0	0.0%	0	0	0.0%	3,359	10,415	-67.7%
PLASTICS	PPP	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PREMIUM UNLD 10P FOB MED	3G	0	0.0%	0	0	0	46	38	21.1%	0	0	0.0%	0	0	0.0%	2,627	2,982	-11.9%
PREMIUM UNLD 10PPM CARGO	4G	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PREMIUM UNLEAD 10PPM FOB	8G	0	0.0%	0	0	0	61	0	0.0%	0	0	0.0%	0	0	0.0%	354	698	-49.3%
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	84	-91.7%
PREM UNL GAS 10PPM RDAM F	7L	0	0.0%	0	0	0	1	0	0.0%	0	0	0.0%	0	0	0.0%	274	260	5.4%
PROPANE NON-LDH MB (OPIS)	1S	0	0.0%	0	0	0	388	151	157.0%	0	0	0.0%	0	0	0.0%	5,735	1,577	263.7%
PROPANE NON-LDH MT. BEL (O	1R	0	0.0%	0	0	0	15,764	7,242	117.7%	0	0	0.0%	0	0	0.0%	108,799	73,458	48.1%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
Energy Futures																			
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	6,884	5,502	25.1%	0	12	-100.0%	0	2	-100.0%	67,052	64,262	4.3%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	1,800	552	226.1%	0	0	0.0%	0	0	0.0%	14,775	10,039	47.2%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	350	30	1,066.7%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	245	82	198.8%	0	0	0.0%	0	0	0.0%	6,996	10,057	-30.4%
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 SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	92	-100.0%
RBOB UP-DOWN CALENDAR S	RV	0	0	0.0%	0	0	0	0	13,930	-100.0%	0	0	0.0%	0	0	0.0%	9,203	101,355	-90.9%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	915	150	510.0%	0	0	0.0%	0	0	0.0%	15,772	9,325	69.1%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0	0	0	1,880	-100.0%	0	0	0.0%	0	0	0.0%	1,046	1,880	-44.4%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	8,849	1,791	394.1%	0	0	0.0%	0	0	0.0%	69,281	19,898	248.2%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	42	22	90.9%	0	0	0.0%	0	0	0.0%	531	384	38.3%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	25	22	13.6%	0	0	0.0%	0	0	0.0%	1,357	1,125	20.6%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	8,769	4,001	119.2%	0	0	0.0%	0	0	0.0%	74,885	52,165	43.6%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	1,294	1,396	-7.3%	0	0	0.0%	0	0	0.0%	11,384	20,193	-43.6%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	881	455	93.6%	0	0	0.0%	0	0	0.0%	6,024	5,079	18.6%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	82	35	134.3%	0	0	0.0%	0	0	0.0%	2,142	1,294	65.5%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	3,847	2,181	76.4%	0	0	0.0%	0	0	0.0%	37,561	24,739	51.8%
SINGAPORE GASOIL	STF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	150	-33.3%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	180	0	0.0%
SINGAPORE GASOIL CALENDAR	MSG	0	0	0.0%	0	0	0	6	240	-97.5%	0	0	0.0%	0	0	0.0%	573	6,868	-91.7%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	15,248	2,881	429.3%	0	0	0.0%	0	0	0.0%	58,865	24,147	143.8%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	4,505	1,050	329.0%	0	0	0.0%	0	0	0.0%	23,153	5,850	295.8%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	225	-100.0%	0	0	0.0%	0	0	0.0%	156	550	-71.6%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	925	500	85.0%	0	0	0.0%	0	0	0.0%	8,375	3,520	137.9%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	868	1,135	-23.5%	0	0	0.0%	0	0	0.0%	6,498	14,652	-55.7%
SINGAPORE JET KERO VS. GAS	ZO	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	50	50	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	874	425	105.6%	0	0	0.0%	0	0	0.0%	3,817	3,233	18.1%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	20,123	3,210	526.9%	0	0	0.0%	0	0	0.0%	82,390	64,124	28.5%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,175	-100.0%
SING FUEL	MSD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	10	200.0%
SOCAL BASIS SWAP	NS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	96	-100.0%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Futures																		
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,864	488	1,101.6%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	368	14,718	-97.5%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	612	4,280	-85.7%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	400	1,216	-67.1%	0	0	0.0%	0	0	0.0%	2,202	6,523	-66.2%
Sumas Basis Swap	NK	0	0	0.0%	0	0	759	580	30.9%	0	0	0.0%	0	0	0.0%	15,636	13,429	16.4%
SUMAS NAT GAS PLATTS FIXE	DVS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,893	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	30	-50.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	2,440	4,599	-46.9%	0	0	0.0%	0	0	0.0%	33,072	34,427	-3.9%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0	240	0	0.0%	0	0	0.0%	0	0	0.0%	240	3,904	-93.9%
TD3 MEG TO JAPAN 250K MT	TL	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	0	0	2,094	-100.0%	0	0	0.0%	0	0	0.0%	1,285	2,094	-38.6%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,630	5,526	-70.5%
TENNESSEE 500 LEG NG INDE	Y7	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TENNESSEE 500 LEG NG SWIN	T7	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,526	3,908	-61.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	604	-100.0%	0	0	0.0%	0	0	0.0%	3,028	604	401.3%
Tetco ELA Basis	TE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,360	-100.0%
TETCO M-3 INDEX	IX	0	0	0.0%	0	0	240	0	0.0%	0	0	0.0%	0	0	0.0%	8,365	6,784	23.3%
Tetco STX Basis	TX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,611	4,304	-62.6%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	6,885	4,516	52.5%	0	0	0.0%	31	0	0.0%	80,011	18,929	322.7%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	248	16,156	-98.5%
TRANSCO ZONE 1 NG BASIS	8E	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	368	-100.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0	240	938	-74.4%	0	0	0.0%	0	0	0.0%	1,032	6,975	-85.2%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	1,474	1,675	-12.0%	0	0	0.0%	646	0	0.0%	18,836	68,259	-72.4%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,457	930	56.7%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	1,618	1,068	51.5%	0	0	0.0%	0	0	0.0%	12,105	10,025	20.7%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	240	0	0.0%	0	0	0.0%	0	0	0.0%	6,742	76	8,771.1%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	122	-100.0%
UCM FUT	UCM	0	0	0.0%	0	0	7	60	-88.3%	0	0	0.0%	0	0	0.0%	328	578	-43.3%
ULSD 10PPM CIF MED BALMO	X7	0	-	-	0	-	0	-	-	0	-	-	0	-	-	38	-	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	45	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	165	781	-78.9%
ULSD 10PPM CIF NW BALMO S	B1	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Energy Futures																		
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%	35	25	40.0%
ULSD UP-DOWN BALMO SWP	1L	0	0.0%	0	0	0	4,845	3,650	32.7%	0	0	0.0%	0	0	0.0%	57,450	30,358	89.2%
UP DOWN GC ULSD VS NMX H	LT	0	0.0%	0	0	0	52,340	50,964	2.7%	0	0	0.0%	0	0	0.0%	529,791	401,283	32.0%
USGC UNL 87 CRACK SPREAD	RU	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	175	2,675	-93.5%
VENTURA NAT GAS PLATTS FIX	DVA	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	44	-100.0%
WAHA BASIS	NW	0	0.0%	0	0	0	1,730	7,155	-75.8%	0	0	0.0%	0	0	0.0%	42,824	30,985	38.2%
WAHA INDEX SWAP FUTURE	IY	0	0.0%	0	0	0	60	0	0.0%	0	0	0.0%	0	0	0.0%	8,728	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0.0%	0	0	0	600	3,015	-80.1%	0	0	0.0%	0	0	0.0%	9,237	23,265	-60.3%
WTI-BRENT BULLET SWAP	BY	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0.0%	0	0	0	8,007	19,235	-58.4%	0	0	0.0%	0	0	0.0%	115,444	235,176	-50.9%
WTI CALENDAR	CS	0	83	-100.0%	0	0	37,016	35,852	3.2%	1,069	105	918.1%	0	0	0.0%	298,035	361,189	-17.5%
WTS (ARGUS) VS WTI SWAP	FF	0	0.0%	0	0	0	15,354	1,230	1,148.3%	0	0	0.0%	0	0	0.0%	38,390	55,520	-30.9%
WTS (ARGUS) VS WTI TRD MT	FH	0	0.0%	0	0	0	1,002	1,270	-21.1%	0	0	0.0%	0	0	0.0%	11,708	18,841	-37.9%
Energy Options																		
1 MO GASOIL CAL SWAP SPR	GXA	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
APPALACHIAN COAL	6K	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%
BRENT 1 MONTH CAL	AA	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT CALENDAR SWAP	BA	0	0.0%	0	0	0	1,800	1,311	37.3%	0	0	0.0%	0	0	0.0%	13,428	150,004	-91.0%
BRENT OIL LAST DAY	BE	0	0.0%	0	0	0	100	1,187	-91.6%	3,000	0	0.0%	0	0	0.0%	33,890	50,483	-32.9%
BRENT OIL LAST DAY	BZO	0	-	-	8,493	-	29,084	-	-	2,473	-	-	25,308	-	-	159,913	-	-
BRENT OIL LAST DAY	OS	4	6	-33.3%	0	0	0	1,000	-100.0%	4,436	2,295	93.3%	0	12	-100.0%	7,798	48,500	-83.9%
COAL API2 INDEX	CLA	0	0.0%	0	0	0	1,590	6,800	-76.6%	0	0	0.0%	0	0	0.0%	52,234	56,798	-8.0%
COAL API2 INDEX	CQA	0	0.0%	0	0	0	0	10,225	-100.0%	0	0	0.0%	0	0	0.0%	101,534	81,892	24.0%
COAL API2 INDEX	MTC	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	151	-0.7%
COAL API4 INDEX	RLA	0	0.0%	0	0	0	50	25	100.0%	0	0	0.0%	0	0	0.0%	100	1,400	-92.9%
COAL API4 INDEX	RQA	0	0.0%	0	0	0	100	25	300.0%	0	0	0.0%	0	0	0.0%	1,480	600	146.7%
COAL SWAP	CPF	0	0.0%	0	0	0	0	65	-100.0%	0	0	0.0%	0	0	0.0%	585	730	-19.9%
COAL SWAP	RPF	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	1,086	2,470	-56.0%
CRUDE OIL 1MO	WA	0	0.0%	56,764	5,495	9.33	175,300	111,575	57.1%	100	4,600	-97.8%	590,909	74,237	696.0%	1,910,860	1,967,170	-2.9%
CRUDE OIL APO	AO	74	257	-71.2%	0	0	51,604	33,459	54.2%	7,251	762	851.6%	0	0	0.0%	295,462	673,136	-56.1%
CRUDE OIL CALNDR STRIP	6F	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Energy Options																			
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,290	600	281.7%	
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	900	-100.0%	
CRUDE OIL PHY	CD	0	0	0.0%	0	0	3,400	1,700	100.0%	0	25	-100.0%	0	0	0.0%	35,775	15,575	129.7%	
CRUDE OIL PHY	LC	98	486	-79.8%	1	0	8,288	10,502	-21.1%	11,839	35,200	-66.4%	1	0	0.0%	273,262	376,879	-27.5%	
CRUDE OIL PHY	LO	4,824	42,145	-88.6%	2,417,393	2,267,958	0.07	728,879	703,716	3.6%	203,319	1,092,339	-81.4%	27,734,998	22,670,945	22.3%	8,518,889	8,906,316	-4.4%
CRUDE OIL PHY	LO1	0	0	0.0%	5,660	1,397	3.05	0	0	0.0%	1,350	0	0.0%	53,200	39,011	36.4%	150	900	-83.3%
CRUDE OIL PHY	LO2	0	0	0.0%	3,774	1,962	0.92	0	0	0.0%	350	6	5,733.3%	39,218	28,252	38.8%	400	950	-57.9%
CRUDE OIL PHY	LO3	0	0	0.0%	5,429	1,587	2.42	0	0	0.0%	1,215	0	0.0%	26,549	20,269	31.0%	50	1,400	-96.4%
CRUDE OIL PHY	LO4	0	0	0.0%	5,411	1,810	1.99	0	0	0.0%	1,750	0	0.0%	42,608	25,111	69.7%	630	470	34.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	4,523	-1	0	100	-100.0%	585	0	0.0%	23,850	13,718	73.9%	700	1,600	-56.3%
DAILY CRUDE OIL	DNM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8,000	-100.0%	
ELEC FINSETTLED	PML	0	0	0.0%	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	264	39	576.9%	
ELEC MISO PEAK	9T	0	-	-	0	-	840	-	-	0	-	-	0	-	-	3,420	-	-	
ELEC MISO PEAK	OEM	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
ELECTRICITY OFF PEAK	N9P	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ETHANOL	CE1	0	-	-	0	-	0	-	-	0	-	-	0	-	-	25	-	-	
ETHANOL	CE3	0	-	-	0	-	0	-	-	0	-	-	0	-	-	25	-	-	
ETHANOL SWAP	CVR	0	0	0.0%	0	0	9,338	8,169	14.3%	0	0	0.0%	0	0	0.0%	64,251	62,958	2.1%	
ETHANOL SWAP	GVR	0	0	0.0%	0	0	600	720	-16.7%	0	0	0.0%	0	0	0.0%	3,458	3,784	-8.6%	
EURO-DENOMINATED PETRO P	EFB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
EURO-DENOMINATED PETRO P	NWE	0	0	0.0%	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%	
EUROPEAN JET KEROSENE N	30	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	0	0.0%	
GASOIL CRACK SPREAD AVG P	3U	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
GASOLINE	GCE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	872	125	597.6%	
HEATING OIL CRK SPD AVG PR	3W	0	-	-	0	-	0	-	-	0	-	-	0	-	-	300	-	-	
HEATING OIL PHY	LB	4	50	-92.0%	0	0	0	0	0.0%	169	1,356	-87.5%	0	0	0.0%	60	981	-93.9%	
HEATING OIL PHY	OH	392	1,441	-72.8%	4,646	5,090	-0.09	31,772	36,576	-13.1%	6,845	22,695	-69.8%	65,162	57,632	13.1%	440,511	409,865	7.5%
HENRY HUB FINANCIAL LAST	E7	42	69	-39.1%	0	0	1,919	580	230.9%	68	69	-1.4%	0	0	0.0%	20,288	20,728	-2.1%	
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	200	0	0.0%	0	125	-100.0%	0	0	0.0%	5,900	3,375	74.8%	
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	3,360	-100.0%	
ISO NEW ENGLAND PK LMP	OE	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
LLS CRUDE OIL	WJO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	11,730	-	-	
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	240	0	0.0%	0	0	0.0%	0	0	0.0%	8,905	3,795	134.7%	
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	2,485	1,875	32.5%	

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
Energy Options																			
NATURAL GAS	G10	0	-	-	0	-	0	-	-	0	-	-	0	-	-	500	-	-	
NATURAL GAS 12 M CSO FIN	G7	0	0	0.0%	0	0	0	700	-100.0%	0	0	0.0%	0	0	0.0%	0	1,700	-100.0%	
NATURAL GAS 1 M CSO FIN	G4	0	200	-100.0%	0	100	-1	35,465	28,400	24.9%	200	1,162	-82.8%	0	100	-100.0%	80,894	232,197	-65.2%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	2,175	1,000	117.5%	0	0	0.0%	0	0	0.0%	3,375	3,950	-14.6%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	200	500	-60.0%	250	0	0.0%	0	0	0.0%	226,882	64,295	252.9%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,200	2,700	-55.6%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	1,500	1,000	50.0%	0	0	0.0%	0	0	0.0%	5,600	45,900	-87.8%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	2,800	1,220	129.5%	0	0	0.0%	0	0	0.0%	18,808	11,600	62.1%
NATURAL GAS PHY	KD	0	0	0.0%	155	0	0	31,455	29,255	7.5%	0	100	-100.0%	200	60	233.3%	319,941	215,624	48.4%
NATURAL GAS PHY	LN	85	16,863	-99.5%	620,058	105,592	4.87	1,367,731	2,046,388	-33.2%	10,302	122,176	-91.6%	4,363,489	364,216	1,098.0%	14,895,261	14,702,302	1.3%
NATURAL GAS PHY	ON	1,475	5,201	-71.6%	296,811	351,864	-0.16	14,057	8,116	73.2%	11,436	140,643	-91.9%	2,666,074	1,996,287	33.6%	74,434	168,856	-55.9%
NATURAL GAS PHY	ON1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	2	0	0.0%	0	0	0.0%
NATURAL GAS PHY	ON2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS PHY	ON3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS PHY	ON4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS PHY	ON5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	0	0	0.0%
NATURAL GAS SUMMER STRIP	4D	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NG HH 3 MONTH CAL	IC	0	-	-	0	-	0	-	-	500	-	-	0	-	-	0	-	-	
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	630	0	0.0%	0	0	0.0%	0	0	0.0%	6,540	6,429	1.7%
NY HARBOR HEAT OIL SWP	AT	55	106	-48.1%	0	0	0	5,691	12,430	-54.2%	1,572	1,779	-11.6%	6	16	-62.5%	55,873	134,177	-58.4%
NYISO ZONE G 5MW PEAK OPT	9U	0	0	0.0%	0	0	0	0	440	-100.0%	0	0	0.0%	0	0	0.0%	420	550	-23.6%
NYMEX EUROPEAN GASOIL AP	F7	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	30	1,462	-97.9%
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	260	-100.0%
PETROCHEMICALS	4H	0	0	0.0%	0	4	-1	125	1,320	-90.5%	0	0	0.0%	10	41	-75.6%	11,011	12,785	-13.9%
PETROCHEMICALS	4I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	365	0	0.0%	0	0	0.0%	0	0	0.0%	5,885	1,440	308.7%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	180	0	0.0%	0	0	0.0%	0	0	0.0%	1,560	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	520	14	3,614.3%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	180	-100.0%
PGE CITYGATE PIPE SWAP	CW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM CALENDAR STRIP	6O	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	1,620	-100.0%
PJM ELECTRIC	6OO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	160	0	0.0%	0	0	0.0%	0	0	0.0%	750	200	275.0%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
Energy Options																			
PJM WES HUB PEAK CAL MTH	JOA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	10,300	-	-	
PJM WES HUB PEAK LMP 50MW	PMA	0	-	-	0	-	80	-	-	0	-	-	0	-	-	9,291	-	-	
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	6,650	0	0.0%	0	0	0.0%	0	0	10,050	0	0.0%	
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	336	808	-58.4%	50	9	455.6%	0	0	0.0%	6,535	18,350	-64.4%	
RBOB PHY	OB	267	68	292.6%	4,323	3,549	0.22	7,793	24,319	-68.0%	8,506	15,099	-43.7%	75,745	65,504	15.6%	271,466	211,034	28.6%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	13	-100.0%	20	5,387	-99.6%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	520	605	-14.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	540	0	0.0%	0	0	0.0%	0	0	0.0%	9,108	4,732	92.5%
SHORT TERM	U11	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,250	3,060	-26.5%
SHORT TERM	U12	0	0	0.0%	0	0	0	200	100	100.0%	0	0	0.0%	0	0	0.0%	3,730	1,940	92.3%
SHORT TERM	U13	0	0	0.0%	0	0	0	500	0	0.0%	0	0	0.0%	0	0	0.0%	4,261	1,585	168.8%
SHORT TERM	U14	0	0	0.0%	0	0	0	150	100	50.0%	0	0	0.0%	0	0	0.0%	4,775	1,600	198.4%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	900	-100.0%	0	0	0.0%	0	0	0.0%	3,125	2,625	19.0%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	3,275	1,460	124.3%
SHORT TERM	U23	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	1,680	2,260	-25.7%
SHORT TERM	U24	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	2,080	2,105	-1.2%
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	505	950	-46.8%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	725	-100.0%	0	0	0.0%	0	0	0.0%	1,580	1,075	47.0%
SHORT TERM CRUDE OIL	C02	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SHORT TERM CRUDE OIL	C05	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	1,000	0	0.0%	0	0	0.0%	0	0	0.0%	4,375	1,655	164.4%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	3,075	-100.0%	0	0	0.0%	0	0	0.0%	3,500	5,138	-31.9%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,620	2,700	-40.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	275	0	0.0%	0	0	0.0%	0	0	0.0%	4,375	1,375	218.2%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,725	850	220.6%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	400	150	166.7%	0	0	0.0%	0	0	0.0%	2,905	2,325	24.9%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	300	100	200.0%	0	0	0.0%	0	0	0.0%	3,800	2,220	71.2%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	3,222	1,975	63.1%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	4,842	3,706	30.7%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	4,095	2,850	43.7%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	3,610	2,525	43.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	955	1,185	-19.4%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	2,855	825	246.1%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	150	525	-71.4%	0	0	0.0%	0	0	0.0%	1,530	3,120	-51.0%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
Energy Options																		
SHORT TERM NATURAL GAS U20	0	0	0.0%	0	0	0	50	200	-75.0%	0	0	0.0%	0	0	0.0%	1,430	1,730	-17.3%
SHORT TERM NATURAL GAS U21	0	0	0.0%	0	0	0	450	500	-10.0%	0	0	0.0%	0	0	0.0%	1,125	2,200	-48.9%
SHORT TERM NATURAL GAS U27	0	0	0.0%	0	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	1,050	1,025	2.4%
SHORT TERM NATURAL GAS U28	0	0	0.0%	0	0	0	650	75	766.7%	0	0	0.0%	0	0	0.0%	3,925	450	772.2%
SHORT TERM NATURAL GAS U29	0	0	0.0%	0	0	0	0	650	-100.0%	0	0	0.0%	0	0	0.0%	2,725	1,600	70.3%
SHORT TERM NATURAL GAS U30	0	0	0.0%	0	0	0	0	550	-100.0%	0	0	0.0%	0	0	0.0%	950	3,875	-75.5%
SHORT TERM NATURAL GAS U31	0	0	0.0%	0	0	0	275	0	0.0%	0	0	0.0%	0	0	0.0%	1,125	250	350.0%
SINGAPORE FUEL OIL 180 CS C5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND M2	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
SINGAPORE JET FUEL CALEND N2	0	0	0.0%	0	0	0	480	300	60.0%	0	0	0.0%	0	0	0.0%	480	1,500	-68.0%
SOCAL PIPE SWAP ZN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	11,200	0	0.0%
WTI 12 MONTH CALENDAR OPT WZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,000	-100.0%
WTI 6 MONTH CALENDAR OPTI WM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP BV	0	0	0.0%	0	0	0	13,000	14,625	-11.1%	0	0	0.0%	0	2,000	-100.0%	173,200	214,730	-19.3%
WTI CRUDE OIL 12 M CSO F 7Z	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI CRUDE OIL 1 M CSO FI 7A	0	0	0.0%	0	0	0	107,600	162,025	-33.6%	0	3,000	-100.0%	26,126	0	0.0%	1,404,197	1,616,745	-13.1%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC			CME ClearPort			Open Outcry Y.T.D			ELEC Y.T.D			CME ClearPort Y.T.D			
				OCT 2016	OCT 2015	% CHG	OCT 2016	OCT 2015	% CHG	Y.T.D 2016	Y.T.D 2015	% CHG	Y.T.D 2016	Y.T.D 2015	% CHG	Y.T.D 2016	Y.T.D 2015	% CHG	
Metals Futures																			
COMEX GOLD	GC	2,713	11,918	-77.2%	3,574,211	2,866,704	0.25	138,505	65,927	110.1%	90,777	298,882	-69.6%	44,394,106	32,974,487	34.6%	1,387,270	819,697	69.2%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	404	1	403	5,432	6,558	-17.2%	0	0	0.0%	4,593	1,234	272.2%	43,951	48,982	-10.3%
NYMEX PLATINUM	PL	0	11	-100.0%	288,495	268,088	0.08	6,041	7,493	-19.4%	38	235	-83.8%	3,072,367	2,829,912	8.6%	65,565	74,713	-12.2%
PALLADIUM	PA	0	3	-100.0%	106,495	84,578	0.26	3,250	4,098	-20.7%	63	379	-83.4%	1,071,610	1,049,534	2.1%	39,296	35,529	10.6%
URANIUM	UX	0	0	0.0%	0	402	-1	600	0	0.0%	0	0	0.0%	993	1,950	-49.1%	6,300	1,400	350.0%
COMEX SILVER	SI	253	1,823	-86.1%	1,299,064	1,064,040	0.22	12,545	15,271	-17.9%	9,675	79,546	-87.8%	14,471,128	10,870,919	33.1%	194,003	181,368	7.0%
COMEX E-Mini GOLD	QO	0	0	0.0%	6,890	4,122	0.67	0	0	0.0%	0	0	0.0%	105,332	56,192	87.5%	0	0	0.0%
E-MINI SILVER	6Q	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	1,033	652	0.58	0	0	0.0%	0	0	0.0%	12,279	8,513	44.2%	0	0	0.0%
COMEX COPPER	HG	72	0	0.0%	1,490,243	1,207,307	0.23	888	2,133	-58.4%	922	260,899	-99.6%	16,380,972	13,706,894	19.5%	25,392	37,402	-32.1%
COMEX MINY COPPER	QC	0	0	0.0%	239	366	-0.35	0	0	0.0%	0	0	0.0%	5,043	8,018	-37.1%	0	0	0.0%
Aluminium MW Trans Prem Platts	AUP	0	0	0.0%	244	1,046	-0.77	2,835	1,924	47.3%	0	0	0.0%	4,934	6,007	-17.9%	51,629	25,441	102.9%
ALUMINIUM	A38	0	-	-	0	-	-	16	-	-	0	-	-	0	-	-	87	-	-
ALUMINIUM	AEP	0	0	0.0%	0	328	-1	1,440	926	55.5%	0	0	0.0%	2,838	328	765.2%	7,741	936	727.0%
ALUMINIUM	ALA	0	-	-	0	-	-	60	-	-	0	-	-	0	-	-	60	-	-
ALUMINIUM	ALI	0	0	0.0%	985	551	0.79	45	0	0.0%	0	0	0.0%	6,482	3,087	110.0%	135	0	0.0%
ALUMINIUM	EDP	0	-	-	0	-	-	2,070	-	-	0	-	-	80	-	-	6,689	-	-
ALUMINIUM	MJP	0	-	-	0	-	-	1,080	-	-	0	-	-	999	-	-	5,604	-	-
COPPER	HGS	0	0	0.0%	0	0	0	40	55	-27.3%	0	0	0.0%	0	1	-100.0%	2,360	2,442	-3.4%
E-MICRO GOLD	MGC	0	0	0.0%	52,304	41,762	0.25	0	0	0.0%	0	0	0.0%	821,509	313,160	162.3%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	8	-100.0%	812	550	47.6%
FERROUS PRODUCTS	SSF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Gold Kilo	GCK	0	0	0.0%	3,711	5,290	-0.3	0	0	0.0%	0	0	0.0%	47,646	38,221	24.7%	0	0	0.0%
IRON ORE 58 CHINA TSI FUTUR	TIC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	540	105	414.3%	0	0	0.0%	0	0	0.0%	3,010	2,613	15.2%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	508	300	0.69	9,269	13,849	-33.1%	0	0	0.0%	5,306	303	1,651.2%	153,622	103,008	49.1%
LNDN ZINC	ZNC	0	0	0.0%	27	14	0.93	0	0	0.0%	0	0	0.0%	227	338	-32.8%	0	0	0.0%
METALS	LED	0	-	-	0	-	-	0	-	-	0	-	-	25	-	-	0	-	-
SILVER	SIL	0	0	0.0%	5,630	5,532	0.02	0	0	0.0%	0	0	0.0%	83,606	79,312	5.4%	0	0	0.0%



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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG	
Metals Options																			
COMEX COPPER	HX	0	668	-100.0%	2,454	1,266	0.94	2,425	0	0.0%	1,188	8,087	-85.3%	23,822	13,201	80.5%	6,521	0	0.0%
COMEX GOLD	OG	16,698	98,846	-83.1%	607,491	481,211	0.26	168,035	128,441	30.8%	592,859	881,572	-32.7%	5,732,193	4,270,445	34.2%	1,483,918	1,268,099	17.0%
COMEX SILVER	SO	8,781	9,002	-2.5%	90,349	74,825	0.21	5,876	7,049	-16.6%	79,795	126,855	-37.1%	993,161	847,760	17.2%	93,165	101,254	-8.0%
COPPER	H4E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	10	-100.0%	0	0	0.0%
GOLD	OG1	0	100	-100.0%	2,813	413	5.81	0	200	-100.0%	86	190	-54.7%	12,225	3,938	210.4%	100	350	-71.4%
GOLD	OG2	0	0	0.0%	1,143	368	2.11	50	0	0.0%	290	1,105	-73.8%	9,342	4,254	119.6%	1,788	1,004	78.1%
GOLD	OG3	0	0	0.0%	752	386	0.95	0	0	0.0%	90	613	-85.3%	8,158	4,180	95.2%	650	0	0.0%
GOLD	OG4	0	30	-100.0%	1,157	330	2.51	117	0	0.0%	0	630	-100.0%	5,992	2,152	178.4%	412	0	0.0%
GOLD	OG5	0	15	-100.0%	0	191	-1	0	0	0.0%	200	15	1,233.3%	2,654	1,290	105.7%	100	0	0.0%
HOT ROLLED COIL STEEL CALL	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	760	3,750	-79.7%	0	0	0.0%	0	0	0.0%	36,749	18,060	103.5%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	120	1,200	-90.0%	0	0	0.0%	0	0	0.0%	29,366	42,750	-31.3%
NYMEX PLATINUM	PO	0	101	-100.0%	743	1,337	-0.44	2,957	3,218	-8.1%	2,254	2,257	-0.1%	7,645	5,378	42.2%	33,939	43,757	-22.4%
PALLADIUM	PAO	0	10	-100.0%	265	355	-0.25	3,840	3,730	2.9%	322	1,202	-73.2%	2,546	2,946	-13.6%	30,391	34,892	-12.9%
SHORT TERM	L11	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM GOLD	L02	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM GOLD	L18	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SILVER	SO1	0	0	0.0%	216	5	42.2	0	0	0.0%	0	0	0.0%	360	428	-15.9%	0	0	0.0%
SILVER	SO2	0	0	0.0%	235	0	0	0	0	0.0%	0	10	-100.0%	281	176	59.7%	0	0	0.0%
SILVER	SO3	0	0	0.0%	180	0	0	0	0	0.0%	0	0	0.0%	464	194	139.2%	0	0	0.0%
SILVER	SO4	0	0	0.0%	142	0	0	0	0	0.0%	0	0	0.0%	214	141	51.8%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	250	203	23.2%	0	0	0.0%
TOTAL FUTURES GROUP																			
Commodities and Alternative Investments Future		0	0	0.0%	44	345	-87.2%	0	0	0.0%	0	0	0.0%	3,738	3,504	6.7%	0	0	0.0%
Energy Futures		760	15,161	-95.0%	40,506,918	32,924,407	23.0%	3,766,254	6,128,419	-38.5%	27,076	212,679	-87.3%	387,249,404	312,392,876	24.0%	45,185,155	40,320,699	12.1%
Metals Futures		3,038	13,755	-77.9%	6,830,483	5,551,083	23.0%	184,686	118,339	56.1%	101,475	639,941	-84.1%	80,492,075	61,948,418	29.9%	1,993,526	1,334,081	49.4%
TOTAL FUTURES		3,798	28,916	-86.9%	47,337,445	38,475,835	23.0%	3,950,940	6,246,758	-36.8%	128,551	852,620	-84.9%	467,745,217	374,344,798	25.0%	47,178,681	41,654,780	13.3%

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Commodity Indicator	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	CME ClearPort OCT 2016	CME ClearPort OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG	CME ClearPort Y.T.D 2016	CME ClearPort Y.T.D 2015	% CHG
TOTAL OPTIONS GROUP																		
Energy Options	7,320	66,892	-89.1%	3,428,918	2,750,931	24.6%	2,649,282	3,269,911	-19.0%	277,566	1,443,440	-80.8%	35,733,455	25,357,449	40.9%	29,673,071	30,603,827	-3.0%
Metals Options	25,479	108,772	-76.6%	707,940	560,687	26.3%	184,180	147,588	24.8%	677,084	1,022,536	-33.8%	6,799,307	5,156,696	31.9%	1,717,099	1,510,166	13.7%
TOTAL OPTIONS	32,799	175,664	-81.3%	4,136,858	3,311,618	24.9%	2,833,462	3,417,499	-17.1%	954,650	2,465,976	-61.3%	42,532,762	30,514,145	39.4%	31,390,170	32,113,993	-2.3%
TOTAL COMBINED																		
Commodities and Alternative Investments	0	0	0.0%	44	345	-87.2%	0	0	0.0%	0	0	0.0%	3,738	3,504	6.7%	0	0	0.0%
Energy	8,080	82,053	-90.2%	43,935,836	35,675,338	23.2%	6,415,536	9,398,330	-31.7%	304,642	1,656,119	-81.6%	422,982,859	337,750,325	25.2%	74,858,226	70,924,526	5.5%
Metals	28,517	122,527	-76.7%	7,538,423	6,111,770	23.3%	368,866	265,927	38.7%	778,559	1,662,477	-53.2%	87,291,382	67,105,114	30.1%	3,710,625	2,844,247	30.5%
GRAND TOTAL	36,597	204,580	-82.1%	51,474,303	41,787,453	23.2%	6,784,402	9,664,257	-29.8%	1,083,201	3,318,596	-67.4%	510,277,979	404,858,943	26.0%	78,568,851	73,768,773	6.5%