

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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%	3	30	-0.9	0	0	0.0%	0	0	0.0%	86	2,580	-96.7%	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	3	-1	0	0	0.0%	0	0	0.0%	40	168	-76.2%	0	0	0.0%
COTTON	TT	0	0	0.0%	0	9	-1	0	0	0.0%	0	0	0.0%	16	575	-97.2%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	0	2	-1	0	0	0.0%	0	0	0.0%	42	415	-89.9%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	462	-100.0%	24,481,485	22,383,452	0.09	549,197	617,020	-11.0%	0	20,093	-100.0%	256,634,849	219,008,768	17.2%	5,573,243	6,212,824	-10.3%
CRUDE OIL	WS	0	0	0.0%	100	0	0	6,754	424	1,492.9%	0	0	0.0%	304	0	0.0%	58,987	83,368	-29.2%
MINY WTI CRUDE OIL	QM	0	0	0.0%	233,943	227,921	0.03	0	0	0.0%	0	0	0.0%	2,599,082	2,848,927	-8.8%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,406,972	1,530,837	-0.08	34,006	15,646	117.3%	0	344	-100.0%	18,745,600	18,888,975	-0.8%	229,311	187,886	22.0%
HEATING OIL PHY	HO	0	182	-100.0%	3,617,837	2,939,540	0.23	231,775	183,755	26.1%	0	968	-100.0%	34,167,290	29,921,434	14.2%	2,375,213	2,053,745	15.7%
HTG OIL	BH	0	0	0.0%	60	0	0	12	24	-50.0%	0	36	-100.0%	144	0	0.0%	196	5,246	-96.3%
MINY HTG OIL	QH	0	0	0.0%	3	7	-0.57	0	0	0.0%	0	0	0.0%	28	95	-70.5%	0	0	0.0%
RBOB PHY	RB	0	64	-100.0%	3,488,294	3,162,693	0.1	246,250	153,569	60.4%	0	573	-100.0%	39,831,425	35,580,563	11.9%	2,993,666	1,890,674	58.3%
MINY RBOB GAS	QU	0	0	0.0%	4	3	0.33	0	0	0.0%	0	0	0.0%	43	45	-4.4%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	35,812	34,775	0.03	88,613	109,697	-19.2%	0	800	-100.0%	355,347	200,362	77.4%	1,046,571	1,081,658	-3.2%
LTD NAT GAS	HH	0	0	0.0%	142,164	85,476	0.66	123,969	161,725	-23.3%	0	0	0.0%	1,250,529	729,085	71.5%	1,660,086	1,585,065	4.7%
MINY NATURAL GAS	QG	0	0	0.0%	24,478	33,276	-0.26	0	0	0.0%	0	0	0.0%	243,223	253,764	-4.2%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	120	2,898	-95.9%
NATURAL GAS PHY	NG	0	52	-100.0%	10,293,023	9,905,953	0.04	290,233	333,651	-13.0%	0	1,590	-100.0%	84,984,614	76,374,450	11.3%	2,900,060	2,217,562	30.8%
RBOB GAS	RT	0	0	0.0%	0	0	0	2,192	1,396	57.0%	0	0	0.0%	0	0	0.0%	24,696	13,183	87.3%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	48	359	-86.6%	0	0	0.0%	0	0	0.0%	965	2,650	-63.6%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	0	67	-100.0%	0	0	0.0%	0	0	0.0%	175	277	-36.8%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	240	-100.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	0	6,224	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	0	527	-100.0%	0	0	0.0%	0	0	0.0%	0	8,105	-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	886	-100.0%	0	0	0.0%	0	0	0.0%	0	4,485	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	130	-100.0%

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Energy Futures																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	23,165	9,147	153.3%	0	0	0.0%	60	0	0.0%	104,732	124,772	-16.1%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	3,201	1,783	79.5%	0	0	0.0%	0	0	0.0%	24,530	15,564	57.6%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	1,194	851	40.3%	0	0	0.0%	0	0	0.0%	10,390	8,870	17.1%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	0	228	-100.0%	0	0	0.0%	0	0	0.0%	1,003	4,027	-75.1%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	682	-100.0%	0	0	0.0%	0	0	0.0%	578	1,967	-70.6%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	2,239	1,000	123.9%	0	0	0.0%	0	0	0.0%	28,188	19,002	48.3%
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	1,022	500	104.4%	0	0	0.0%	0	0	0.0%	42,033	2,902	1,348.4%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,424	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	105	-100.0%	0	0	0.0%	0	0	0.0%	278	2,513	-88.9%
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	0	0	0	17,930	-100.0%	0	0	0.0%	0	0	0.0%	7,940	17,930	-55.7%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	-	-	0	-	0	-	-	-	0	-	0	-	-	-	0	-	-
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	30	1,125	-97.3%	0	0	0.0%	0	0	0.0%	7,344	19,830	-63.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	214	-100.0%	0	0	0.0%	0	0	0.0%	534	13,180	-95.9%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	740	-100.0%
CENTER POINT NAT GAS FIXED	DAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	1,347	329	3.09	130,484	99,260	31.5%	0	0	0.0%	3,583	10,811	-66.9%	1,134,100	995,406	13.9%
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	45	132	-65.9%	0	0	0.0%	0	0	0.0%	1,483	2,738	-45.8%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,090	-100.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	3,212	-100.0%	0	0	0.0%	0	0	0.0%	726	78,159	-99.1%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	720	1,054	-31.7%
CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	326,080	298,960	9.1%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	508	222	128.8%	0	0	0.0%	0	0	0.0%	17,693	20,625	-14.2%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	4,000	-100.0%	0	0	0.0%	0	0	0.0%	397,000	993,984	-60.1%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	210	640	-67.2%	0	0	0.0%	0	0	0.0%	25,625	65,561	-60.9%
COAL SWAP	ACM	0	0	0.0%	0	0	0	110	170	-35.3%	0	0	0.0%	0	0	0.0%	1,605	2,623	-38.8%
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	187	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	214	-100.0%	0	0	0.0%	0	122	-100.0%	999	21,798	-95.4%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,208	-100.0%

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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%	1,332	3,108	-57.1%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	263	0	0.0%	0	0	0.0%	0	0	0.0%	2,830	1,661	70.4%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	605	25	2,320.0%	0	0	0.0%	0	0	0.0%	7,965	2,544	213.1%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	3	0	0	7,333	10,594	-30.8%	0	0	0.0%	54	0	0.0%	88,413	72,358	22.2%
CRUDE OIL	CHB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	4,509	4,105	9.8%	0	0	0.0%	203	0	0.0%	39,052	48,620	-19.7%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,647	981	475.6%
CRUDE OIL OUTRIGHTS	CC5	0	-	-	0	-	0	-	-	-	0	-	-	-	-	-	600	-	-
CRUDE OIL OUTRIGHTS	CSN	0	-	-	0	-	0	-	-	-	0	-	-	-	-	-	30	-	-
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	350	540	-35.2%	0	0	0.0%	0	0	0.0%	2,550	1,620	57.4%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	1,625	850	91.2%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	330	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	45	0	0.0%	0	0	0.0%	0	0	0.0%	155	90	72.2%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	44,615	2,630	1,596.4%	0	0	0.0%	0	0	0.0%	167,385	21,123	692.4%
CRUDE OIL OUTRIGHTS	LSW	0	-	-	0	-	0	1,575	-	-	0	-	-	-	-	-	2,910	-	-
CRUDE OIL OUTRIGHTS	SSW	0	-	-	0	-	0	90	-	-	0	-	-	-	-	-	960	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	0	5,220	-100.0%	0	0	0.0%	0	0	0.0%	24,737	49,874	-50.4%
CRUDE OIL OUTRIGHTS	WCW	0	-	-	0	-	0	8,296	-	-	0	-	-	-	-	-	55,711	-	-
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	250	-100.0%	0	0	0.0%	0	0	0.0%	0	675	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	35,045	15,885	120.6%	0	0	0.0%	50	0	0.0%	97,629	37,612	159.6%
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,720	-100.0%

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Energy Futures																		
DAILY PJM	ZA0	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	7G	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,400	200	600.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	500	-80.4%	0	0	0.0%	0	0	0.0%	14,050	15,060	-6.7%
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	800	-100.0%
DEMARC SWING SWAP	DT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	62	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	125	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	-	-	0	-	0	-	-	0	-	-	0	-	-	3	-	-
DIESEL10PPM BARG VS ICE LS	LSE	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DLY GAS EURO-BOB OXY	GBR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	2,640	-100.0%	0	0	0.0%	0	0	0.0%	0	19,995	-100.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	30	-1	93	-99.7%	0	0	0.0%	0	366	-100.0%	48,609	210,914	-77.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	275	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	4,950	2,003	147.1%	0	0	0.0%	0	0.0%	77,774	18,519	320.0%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,500	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	105	1,080	-90.3%	0	0	0.0%	0	0.0%	4,840	12,742	-62.0%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	45	-100.0%	0	0	0.0%	0	0.0%	1,255	321	291.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	361	554	-34.8%	0	0	0.0%	0	0.0%	7,528	10,538	-28.6%
ELEC ERCOT DLY OFF PK	R4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	N1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	R1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	O1	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,270	-100.0%
ELEC FINSETTLED	49	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,825	0	0.0%
ELEC MISO PEAK	55	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70,200	0	0.0%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	ERE	0	-	-	0	-	0	-	-	0	-	-	0	-	-	690	-	-
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	23,480	-100.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
ELEC WEST POWER OFF-PEAK	MDA	0	0	0.0%	0	0	0	0	1,840	-100.0%	0	0	0.0%	0	0	0.0%	0	1,840	-100.0%
ELEC WEST POWER PEAK	MDC	0	0	0.0%	0	0	0	0	5,390	-100.0%	0	0	0.0%	0	0	0.0%	1,540	5,390	-71.4%
EL PASO PERMIAN INDEX SWA EMISSIONS	IL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,612	-100.0%
ERCOT DAILY 5MW PEAK	CPL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT HOUSTON Z MCPE 5M	ERW	0	-	-	0	-	0	-	0	-	0	-	0	-	-	0	-	-	-
ERCOT NORTH ZMCPE 5MW OF	I1	0	-	-	0	-	0	-	0	-	0	-	0	-	-	3,880	-	-	-
ERCOT NORTH ZMCPE 5MW OF	I8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	I6	0	0	0.0%	0	0	0	40,000	0	0.0%	0	0	0.0%	0	0	0.0%	75,920	4,280	1,673.8%
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,710	235	1,904.3%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	4,787	2,565	86.6%	0	0	0.0%	0	0	0.0%	38,486	22,244	73.0%
EU LOW SULPHUR GASOIL CR	LSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	18	225	-92.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	242	294	-17.7%	0	0	0.0%	0	0	0.0%	4,137	3,300	25.4%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	0	826	-100.0%	0	0	0.0%	0	0	0.0%	4,286	5,954	-28.0%
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%	1,514	158	858.2%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	425	679	-37.4%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	20	102	-80.4%	0	0	0.0%	0	0	0.0%	709	1,457	-51.3%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	39	134	-70.9%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	168	388	-56.7%	0	0	0.0%	0	0	0.0%	1,381	3,533	-60.9%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	5,079	10,188	-50.1%	0	0	0.0%	0	0	0.0%	69,388	68,619	1.1%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	863	6,938	-0.88	0	0	0.0%	0	0	0.0%	29,272	1,474,467	-98.0%	58	77,400	-99.9%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	187	258	-27.5%	0	0	0.0%	0	0	0.0%	3,521	1,697	107.5%
EUROPEAN NAPHTHA CRACK SP	EN	0	0	0.0%	0	0	0	4,039	7,677	-47.4%	0	0	0.0%	0	0	0.0%	67,788	52,279	29.7%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,540	26,588	-90.4%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	105	38	176.3%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	2,273	1,847	23.1%	0	0	0.0%	0	0	0.0%	27,744	14,833	87.0%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,560	1,653	-5.6%	0	0	0.0%	0	0	0.0%	12,535	13,004	-3.6%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8,310	-100.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,449	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	166	188	-11.7%	0	0	0.0%	0	0	0.0%	1,604	1,985	-19.2%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	3,161	2,662	18.7%	0	0	0.0%	0	0	0.0%	37,811	43,822	-13.7%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	32	-100.0%

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Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	20	5	300.0%	0	0	0.0%	0	0	0.0%	20	1,121	-98.2%
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	137	109	25.7%	0	0	0.0%	0	0	0.0%	2,803	3,214	-12.8%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	4,211	5,906	-28.7%	0	0	0.0%	0	0	0.0%	65,628	68,676	-4.4%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	15,154	11,574	30.9%	0	0	0.0%	0	0	0.0%	191,346	140,690	36.0%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
GASOIL 0.1 CARGOES CIF NE	TW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED BALMO	X6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	190	-73.7%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	35	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	5	300.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	24	60	-60.0%	0	0	0.0%	0	0	0.0%	174	120	45.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	10	5	100.0%	0	0	0.0%	0	0	0.0%	110	30	266.7%
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%	25	15	66.7%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	712	895	-20.4%
GASOIL BULLET SWAP	BG	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	130	-	-
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	244	314	-22.3%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	2,373	3,420	-30.6%	0	0	0.0%	0	0	0.0%	67,768	49,984	35.6%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	50	240	-79.2%	0	0	0.0%	0	0	0.0%	1,350	2,409	-44.0%
GASOLINE UP-DOWN BALMO S	1K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	810	-100.0%
GC ULSD VS GC JET SPREAD	VV	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	125	300	-58.3%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	5,710	4,750	20.2%	0	0	0.0%	0	0	0.0%	42,295	28,043	50.8%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	2,410	3,470	-30.5%	0	0	0.0%	0	0	0.0%	10,134	15,890	-36.2%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	531	633	-16.1%	0	0	0.0%	0	0	0.0%	11,605	6,815	70.3%
GULF COAST GASOLINE CLND	GS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	0	342	-100.0%	0	0	0.0%	0	0	0.0%	943	1,677	-43.8%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	26,746	31,728	-15.7%	0	0	0.0%	0	0	0.0%	427,714	327,381	30.6%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	38,929	58,934	-33.9%	0	0	0.0%	0	0	0.0%	510,266	575,015	-11.3%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	1,470	882	66.7%	0	0	0.0%	0	0	0.0%	12,403	6,866	80.6%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	491	816	-39.8%	0	0	0.0%	0	3	-100.0%	5,520	8,925	-38.2%

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Energy Futures																			
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	725	-100.0%	0	0	0.0%	0	0	0.0%	3,870	6,881	-43.8%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	0	125	-100.0%	0	0	0.0%	0	0	0.0%	830	460	80.4%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	1,712	7,270	-76.5%	0	0	0.0%	2,996	31	9,564.5%	49,736	188,706	-73.6%
HENRY HUB FINANCIAL LAST	NBP	0	-	-	1,482	-	0	-	-	0	-	-	2,495	-	-	0	-	-	
HENRY HUB FINANCIAL LAST	TTE	0	-	-	219	-	0	-	-	0	-	-	753	-	-	0	-	-	
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	1,712	6,360	-73.1%	0	0	0.0%	2,996	0	0.0%	47,546	170,634	-72.1%
HENRY HUB SWAP	NN	0	0	0.0%	916	194,391	-1	148,289	272,699	-45.6%	0	1,472	-100.0%	61,980	1,950,435	-96.8%	1,804,107	2,282,462	-21.0%
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	182	-1	0	1,854	-100.0%	0	0	0.0%	0	1,102	-100.0%	3,777	29,298	-87.1%
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	186	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	719	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	17,829	7,400	140.9%	0	0	0.0%	0	0	0.0%	97,455	15,508	528.4%
ICE GASOIL BALMO SWAP	U9	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	9	-	
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	0	5,200	-100.0%	0	0	0.0%	0	225	-100.0%	2,850	31,276	-90.9%
INDIANA MISO	FAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FDM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FTM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	5	220	-97.7%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	562	407	38.1%	0	0	0.0%	0	0	0.0%	5,813	4,218	37.8%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,104	1,053	4.8%	0	0	0.0%	0	0	0.0%	15,210	12,333	23.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	10	5	100.0%	0	0	0.0%	0	0	0.0%	1,410	375	276.0%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	24	0	0.0%	0	0	0.0%	0	0	0.0%	36	172	-79.1%
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	59	5	1,080.0%	0	0	0.0%	0	0	0.0%	975	775	25.8%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	2	150.0%	
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	62	30	106.7%	
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	7,755	7,916	-2.0%	0	0	0.0%	0	0	0.0%	72,261	42,405	70.4%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0	0	0	52	-100.0%	0	0	0.0%	0	0	0.0%	0	52	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	25	625	-96.0%	0	0	0.0%	0	0	0.0%	1,995	7,177	-72.2%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	2,475	5,950	-58.4%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	25	810	-96.9%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	1,350	1,925	-29.9%	0	0	0.0%	0	0	0.0%	18,125	20,312	-10.8%
LLS (ARGUS) CALENDAR SWAP	XA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	3,767	3,860	-2.4%	0	0	0.0%	15	0	0.0%	47,706	64,071	-25.5%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	70	0	0	3,060	3,904	-21.6%	0	0	0.0%	70	0	0.0%	32,579	40,822	-20.2%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	800	0	0	22,425	19,076	17.6%	0	0	0.0%	800	0	0.0%	195,829	118,047	65.9%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	1,500	50	2,900.0%	0	0	0.0%	200	0	0.0%	13,768	16,024	-14.1%
MCCLOSKEY ARA ARGS COAL	MTF	0	0	0.0%	0	0	0	32,769	114,162	-71.3%	0	0	0.0%	0	0	0.0%	453,733	1,639,839	-72.3%
MCCLOSKEY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	3,269	12,564	-74.0%	0	0	0.0%	0	0	0.0%	50,341	169,887	-70.4%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	286	100	186.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	25	67	-62.7%	0	0	0.0%	0	0	0.0%	1,004	1,427	-29.6%
MICHCON NG INDEX SWAP	Y8	0	0	0.0%	0	0	0	0	360	-100.0%	0	0	0.0%	0	0	0.0%	0	2,200	-100.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	31	-1	0	2,381	-100.0%	0	0	0.0%	0	766	-100.0%	2,592	23,997	-89.2%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	106,440	127,640	-16.6%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,730	7,240	-20.9%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	361	387	-6.7%	0	0	0.0%	0	0	0.0%	4,515	4,236	6.6%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	554	220	151.8%	0	0	0.0%	0	0	0.0%	5,636	2,436	131.4%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	1,100	2,381	-53.8%	0	0	0.0%	0	0	0.0%	23,130	14,198	62.9%
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	145	50	190.0%	0	0	0.0%	0	0	0.0%	1,190	875	36.0%
MNC FUT	MNC	0	0	0.0%	0	0	0	2,742	3,149	-12.9%	0	0	0.0%	0	0	0.0%	41,095	38,823	5.9%
MONT BELVIEU ETHANE 5 DECI	CO	0	0	0.0%	0	0	0	20,927	79,895	-73.8%	0	0	0.0%	0	0	0.0%	229,422	488,295	-53.0%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	93	425	-78.1%	0	0	0.0%	0	0	0.0%	2,690	1,470	83.0%
MONT BELVIEU LDH PROPANE	BO	0	0	0.0%	45	0	0	107,773	132,519	-18.7%	0	0	0.0%	327	158	107.0%	920,085	1,158,273	-20.6%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	936	1,489	-37.1%	0	0	0.0%	0	0	0.0%	16,921	9,182	84.3%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	20	0	0	9,674	5,139	88.2%	0	0	0.0%	20	0	0.0%	48,056	80,210	-40.1%
MONT BELVIEU NATURAL GAS	RO	0	0	0.0%	0	0	0	365	25	1,360.0%	0	0	0.0%	0	0	0.0%	2,864	1,761	62.6%
MONT BELVIEU NORMAL BUTA	DO	0	0	0.0%	0	0	0	34,600	37,717	-8.3%	0	0	0.0%	0	0	0.0%	284,879	271,765	4.8%

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Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	779	323	141.2%	0	0	0.0%	0	0	0.0%	7,156	6,118	17.0%
NAT GAS BASIS SWAP	SGW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0	0	0	3,210	-100.0%	0	0	0.0%	0	0	0.0%	2,165	35,310	-93.9%
NATURAL GAS	HBI	0	0	0.0%	0	0	0	0	3,540	-100.0%	0	0	0.0%	0	0	0.0%	0	3,540	-100.0%
NATURAL GAS	XIC	0	-	-	0	-	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%
NATURAL GAS FIXED PRICE S	CFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	DSF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	360	0	0.0%
NATURAL GAS FIXED PRICE S	MFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	PFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	WFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	Z5P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	ZTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	656	6,702	-90.2%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	53,427	104,281	-48.8%	0	92	-100.0%	62	0	0.0%	841,586	1,081,734	-22.2%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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	28,690	-100.0%	0	0	0.0%	0	0	0.0%	235,140	483,239	-51.3%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	0	11,695	-100.0%	0	0	0.0%	0	0	0.0%	17,275	44,105	-60.8%
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%	14,040	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%	765	640	19.5%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D AH	U3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL RHD ISLD 5MW D AH	U4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH O	P5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH P	P4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D AH	L9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,000	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,685	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	900	1,235	-27.1%	0	0	0.0%	0	0	0.0%	8,145	14,865	-45.2%
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	30	260	-88.5%	0	0	0.0%	0	0	0.0%	4,074	29,630	-86.3%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	180	-100.0%	0	0	0.0%	0	0	0.0%	0	7,841	-100.0%	
NGPL MIDCONTINENT SWING S	PX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	620	-100.0%	
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	860	-100.0%	0	0	0.0%	0	0	0.0%	8,134	28,964	-71.9%	
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	360	-100.0%	
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,659	2,562	42.8%	
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	1,762	-100.0%	0	0	0.0%	0	0	0.0%	0	3,935	-100.0%	
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	1,344	-100.0%	0	0	0.0%	0	0	0.0%	84	8,735	-99.0%	
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	870	-1	0	10,836	-100.0%	0	0	0.0%	0	2,815	-100.0%	3,088	154,598	-98.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	334	0	0.0%	
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	2,126	2,630	-19.2%	0	0	0.0%	0	0	0.0%	21,972	23,658	-7.1%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	489	-100.0%	
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	0	625	-100.0%	0	0	0.0%	0	0.0%	3,260	2,125	53.4%	
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	101	-75.2%	
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	0	858	897	-4.3%	0	39	-100.0%	3	12	-75.0%	22,414	22,631	-1.0%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	4,273	5,031	-15.1%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	2,642	4,207	-37.2%	0	0	0.0%	0	0	0.0%	25,282	35,454	-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%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	1,112	5,005	-77.8%	0	0	0.0%	0	0	0.0%	13,614	20,102	-32.3%
NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYISO A	KA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYISO A OFF-PEAK	KB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	168	0	0.0%	0	0	0.0%	0	0	0.0%	453	168	169.6%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	518	96	439.6%	0	0	0.0%	0	0	0.0%	2,306	1,773	30.1%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	954	112	751.8%	0	0	0.0%	0	0	0.0%	2,767	2,173	27.3%
NYISO G	KG	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYISO G OFF-PEAK	KH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYISO J	KJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	172	-100.0%	
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	80	-100.0%	
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	32,760	239,365	-86.3%	
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,815	3,600	89.3%	
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	54,290	-100.0%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	110	1,512	-92.7%	
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	21,175	-100.0%	0	0	0.0%	0	0	0.0%	780,585	405,881	92.3%	
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	1,695	-100.0%	0	0	0.0%	0	0	0.0%	55,044	33,388	64.9%	
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	44,575	-100.0%	0	0	0.0%	0	0	0.0%	226,600	156,871	44.4%	
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	3,180	-100.0%	0	0	0.0%	0	0	0.0%	24,975	13,571	84.0%	
NY JET FUEL (PLATTS) HEAT OI	1U	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	55	-100.0%	0	0	0.0%	0	0	0.0%	8,232	7,465	10.3%	
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	600	0	0.0%	0	0	0.0%	0	0	0.0%	1,788	1,065	67.9%	
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	160	-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	3,750	-100.0%	
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	85	-100.0%	0	0	0.0%	0	0	0.0%	505	470	7.4%	
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	440	47.7%	
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	214	-1	0	7,942	-100.0%	0	0	0.0%	946	-100.0%	3,060	85,316	-96.4%	
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	-100.0%	
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0	2,364	0	0.0%	0	0	0.0%	0	0	0.0%	3,228	0	0.0%	
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	6,391	-100.0%	0	0	0.0%	0	0	0.0%	1,381	44,798	-96.9%	
PETROCHEMICALS	22	0	0	0.0%	0	0	48	47	2.1%	0	0	0.0%	0	0	0.0%	781	465	68.0%	
PETROCHEMICALS	32	0	0	0.0%	0	0	142	65	118.5%	0	0	0.0%	0	0	0.0%	1,050	601	74.7%	
PETROCHEMICALS	8I	0	0	0.0%	0	0	699	604	15.7%	0	0	0.0%	0	0	0.0%	6,098	2,522	141.8%	
PETROCHEMICALS	91	0	0	0.0%	0	0	307	179	71.5%	0	0	0.0%	0	0	0.0%	2,253	1,682	33.9%	
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	48	-100.0%	
PETROCHEMICALS	JKM	0	-	-	0	-	60	-	-	0	-	-	0	-	-	560	-	-	
PETROCHEMICALS	LPE	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%	50	110	-54.5%	
PETROCHEMICALS	MAE	0	0	0.0%	0	0	110	60	83.3%	0	0	0.0%	0	0	0.0%	410	445	-7.9%	
PETROCHEMICALS	MAS	0	0	0.0%	0	0	60	30	100.0%	0	0	0.0%	0	0	0.0%	375	990	-62.1%	
PETROCHEMICALS	MBE	0	0	0.0%	0	0	560	2,580	-78.3%	0	0	0.0%	0	0	0.0%	12,060	29,300	-58.8%	
PETROCHEMICALS	MNB	0	0	0.0%	0	0	1,477	964	53.2%	0	0	0.0%	0	0	0.0%	17,214	19,650	-12.4%	
PETROCHEMICALS	MPS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	40	-	-	
PETRO CRCKS & SPRDS ASIA	JNC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	150	-	-	
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	182	1,050	-82.7%	
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	264	64	312.5%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,310	80	1,537.5%	
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	100	150	-33.3%	0	0	0.0%	0	0	0.0%	2,430	1,189	104.4%	
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	2,180	1,788	21.9%	0	0	0.0%	0	0	0.0%	25,001	14,623	71.0%	
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	900	-100.0%	0	0	0.0%	0	0	0.0%	7,053	10,005	-29.5%	
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	2,780	300	826.7%	0	0	0.0%	0	0	0.0%	11,628	2,390	386.5%	
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	150	375	-60.0%	0	0	0.0%	0	0	0.0%	1,310	2,025	-35.3%	
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	629	2,157	-70.8%	0	0	0.0%	0	0	0.0%	10,248	11,568	-11.4%	
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	59	66	-10.6%	
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	4,685	8,442	-44.5%	0	0	0.0%	0	0	0.0%	55,676	72,635	-23.3%	
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	535	129	314.7%	
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	1,500	485	209.3%	0	0	0.0%	0	0	0.0%	29,729	34,909	-14.8%	
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%	
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%	
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	220	-100.0%	0	0	0.0%	0	0	0.0%	109	1,008	-89.2%	
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,125	490	129.6%	
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	0	450	-100.0%	
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	8,373	13,301	-37.0%	0	0	0.0%	0	0	0.0%	78,127	101,954	-23.4%	
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	13,225	6,457	104.8%	0	0	0.0%	0	0	0.0%	157,312	82,868	89.8%	
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	34	-55.9%	
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	975	1,050	-7.1%	0	0	0.0%	0	0	0.0%	12,574	16,394	-23.3%	
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	425	0	0.0%	
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	401	610	-34.3%	0	0	0.0%	0	0	0.0%	3,355	2,149	56.1%	
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	978	3,606	-72.9%	0	0	0.0%	0	0	0.0%	18,199	21,808	-16.5%	
PETRO CRK&SPRD EURO	EGB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	5	-	-	
PETRO CRK&SPRD EURO	EGN	0	-	-	0	-	0	-	-	0	-	-	0	-	-	18	-	-	
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	6	-100.0%	0	0	0.0%	0	0	0.0%	127	97	30.9%	
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	486	266	82.7%	0	0	0.0%	0	0	0.0%	4,660	2,473	88.4%	
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	1,635	3,196	-48.8%	0	0	0.0%	0	0	0.0%	23,357	16,755	39.4%	
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	480	-100.0%	
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	345	-100.0%	0	0	0.0%	0	0	0.0%	739	1,130	-34.6%	
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	120	99	21.2%	
PETRO CRK&SPRD EURO	LSU	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	70	40	75.0%	
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	5	47	-89.4%	0	0	0.0%	0	0	0.0%	888	1,199	-25.9%	
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	134	198	-32.3%	
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	820	541	51.6%	0	0	0.0%	0	0	0.0%	10,825	4,830	124.1%	
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	178	165	7.9%	
PETRO CRK&SPRD EURO	SFC	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROLEUM PRODUCTS	D44	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROLEUM PRODUCTS	D45	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROLEUM PRODUCTS	D46	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%	
PETROLEUM PRODUCTS	D64	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROLEUM PRODUCTS	D65	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	2,605	6,062	-57.0%	0	0	0.0%	0	0	0.0%	24,624	11,959	105.9%	
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0	0	8	-100.0%	0	0	0.0%	0	0	0.0%	80	559	-85.7%	
PETROLEUM PRODUCTS	MGS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	20	-	-	
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%	
PETROLEUM PRODUCTS	MME	0	-	-	0	-	0	-	-	0	-	-	0	-	-	20	-	-	
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	1,363	-92.7%	
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	340	1,172	-71.0%	0	0	0.0%	0	0	0.0%	3,014	3,598	-16.2%	
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	222	467	-52.5%	
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	1,050	1,854	-43.4%	0	0	0.0%	0	0	0.0%	18,373	12,945	41.9%	
PETROLEUM PRODUCTS ASIA	MSB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	45	-	-	
PETRO OUTRIGHT EURO	0A	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	70	-100.0%	0	0	0.0%	0	0	0.0%	113	1,370	-91.8%	
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	30	201	-85.1%	
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	2,364	5,019	-52.9%	0	0	0.0%	0	0	0.0%	23,472	39,987	-41.3%	
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	56	1,270	-95.6%	0	0	0.0%	0	0	0.0%	4,096	9,463	-56.7%	
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	594	1,993	-70.2%	0	0	0.0%	0	0	0.0%	10,840	12,696	-14.6%	
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	102	20	410.0%	
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	80	339	-76.4%	
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	163	240	-32.1%	0	0	0.0%	0	0	0.0%	709	1,852	-61.7%	
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	128	-100.0%	0	0	0.0%	0	0	0.0%	767	1,445	-46.9%	
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	0	0.0%	
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	92	114	-19.3%	0	0	0.0%	0	0	0.0%	1,157	1,513	-23.5%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																				
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	180	323	-44.3%	0	0	0.0%	0	0	0.0%	2,360	2,741	-13.9%	
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	60	55	9.1%	
PETRO OUTRIGHT EURO	CBB	0	-	-	0	-	0	-	0	-	0	-	0	-	-	0	-	42	-	-
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	50	6	733.3%	
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	379	58	553.4%	0	0	0.0%	0	0	0.0%	2,848	999	185.1%	
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	20	85	-76.5%	0	0	0.0%	0	0	0.0%	310	501	-38.1%	
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	453	665	-31.9%	
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	180	1,161	-84.5%	
PETRO OUTRIGHT EURO	ESB	0	-	-	0	-	0	-	0	-	0	-	0	-	-	0	-	69	-	-
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	807	77	948.1%	0	0	0.0%	0	0	0.0%	7,106	1,721	312.9%	
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	20	0.0%	
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	550	84	554.8%	
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	840	1,690	-50.3%	0	0	0.0%	0	0	0.0%	10,491	15,367	-31.7%	
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	40	340	-88.2%	
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	0	909	-100.0%	0	0	0.0%	0	0	0.0%	164	1,328	-87.7%	
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	375	490	-23.5%	
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	105	-100.0%	0	0	0.0%	0	0	0.0%	150	105	42.9%	
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	150	-100.0%	
PETRO OUTRIGHT EURO	Y0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	223	1,358	-83.6%	0	0	0.0%	0	0	0.0%	1,836	2,598	-29.3%	
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	5	-100.0%	0	0	0.0%	0	0	0.0%	50	8	525.0%	
PETRO OUTRIGHT NA	GBA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%	
PETRO OUTRIGHT NA	GUD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%	
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	420	439	-4.3%	
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	1,015	9,570	-89.4%	0	0	0.0%	0	0	0.0%	41,360	45,705	-9.5%	
PETRO OUTRIGHT NA	JTB	0	-	-	0	-	0	1,413	-	-	0	-	0	-	-	0	-	3,438	-	-
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	266	234	13.7%	
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	408	448	-8.9%	0	0	0.0%	0	0	0.0%	5,957	6,279	-5.1%	
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	3,423	11,723	-70.8%	0	0	0.0%	0	0	0.0%	88,851	102,867	-13.6%	
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	158	-100.0%	0	0	0.0%	0	0	0.0%	203	1,058	-80.8%	
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	25	338	-92.6%	0	0	0.0%	0	0	0.0%	510	1,586	-67.8%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	625	100	525.0%	
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	50,650	-100.0%	0	0	0.0%	0	0	0.0%	273,469	1,247,258	-78.1%	
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	420	5,335	-92.1%	0	0	0.0%	0	0	0.0%	22,831	100,314	-77.2%	
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM AECO DA PEAK	Y1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM APS ZONE DA OFF-PEAK	W4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM APS ZONE DA PEAK	S4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM ATSI ELEC	MOD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	46,800	6,005	679.4%	
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,550	315	709.5%	
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	23,400	-100.0%	
PJM BGE DA PEAK	E3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,275	-100.0%	
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	85,390	257,480	-66.8%	
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,675	14,650	-68.1%	
PJM DAILY	JD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%	
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	211,995	27,310	676.3%	
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,250	21,943	-76.1%	
PJM DUQUESNE 5MW D AH PK	D5	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PJM DUQUS 5MW D AH O PK	D6	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PJM JCPL DA OFF-PEAK	F2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	3,390	-100.0%	0	0	0.0%	0	0	0.0%	79,100	70,029	13.0%	
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	124,760	-100.0%	0	0	0.0%	0	0	0.0%	1,700,530	1,650,702	3.0%	
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	2,427	8,965	-72.9%	0	0	0.0%	0	0	0.0%	687,794	884,177	-22.2%	
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	246	191	28.8%	0	0	0.0%	0	0	0.0%	39,332	43,655	-9.9%	
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	140	-100.0%	
PJM PECO ZONE5MW PEAK CA	4N	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM PEPKO DA OFF-PEAK	Q8	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM PPL DA PEAK	L5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	163,800	-100.0%	
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,100	-100.0%	
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	54,300	825,010	-93.4%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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 WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	8,620	45,673	-81.1%	
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	257,880	-100.0%	0	0	0.0%	0	0	0.0%	2,158,295	6,091,940	-64.6%	
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	1,040	35,729	-97.1%	0	0	0.0%	0	0	0.0%	203,991	580,716	-64.9%	
PLASTICS	PGP	0	0	0.0%	0	0	120	452	-73.5%	0	0	0.0%	0	0	0.0%	5,714	3,359	70.1%	
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	140	46	204.3%	0	0	0.0%	0	0	0.0%	671	2,627	-74.5%	
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	61	-100.0%	0	0	0.0%	0	0	0.0%	152	354	-57.1%	
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	7	0.0%	
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	1	-100.0%	0	0	0.0%	0	0	0.0%	37	274	-86.5%	
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	63	388	-83.8%	0	0	0.0%	0	0	0.0%	4,927	5,735	-14.1%	
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	8,720	15,764	-44.7%	0	0	0.0%	0	0	0.0%	68,710	108,799	-36.8%	
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	5,166	6,884	-25.0%	0	0	0.0%	5	0	0.0%	72,009	67,052	7.4%	
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	2,733	1,800	51.8%	0	0	0.0%	0	0	0.0%	10,157	14,775	-31.3%	
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	350	-100.0%	
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	2,176	245	788.2%	0	0	0.0%	0	0	0.0%	9,550	6,996	36.5%	
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
RBOB (PLATTS) CAL SWAP	RY	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
RBOB UP-DOWN CALENDAR S	RV	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9,203	-100.0%	
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	150	915	-83.6%	0	0	0.0%	0	0	0.0%	16,870	15,772	7.0%	
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	1,046	-100.0%	
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	8,849	-100.0%	0	0	0.0%	0	0	0.0%	2,254	69,281	-96.7%	
SAN JUAN PIPE SWAP	XX	-	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	38	42	-9.5%	0	0	0.0%	0	0	0.0%	572	531	7.7%	
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	127	25	408.0%	0	0	0.0%	0	0	0.0%	2,155	1,357	58.8%	
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	8,044	8,769	-8.3%	0	0	0.0%	0	0	0.0%	97,554	74,885	30.3%	
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	730	1,294	-43.6%	0	0	0.0%	0	0	0.0%	10,526	11,384	-7.5%	
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	270	881	-69.4%	0	0	0.0%	0	0	0.0%	6,798	6,024	12.8%	
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	112	82	36.6%	0	0	0.0%	0	0	0.0%	1,490	2,142	-30.4%	
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	3,078	3,847	-20.0%	0	0	0.0%	0	0	0.0%	48,155	37,561	28.2%	
SINGAPORE GASOIL	STL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	800	180	344.4%	
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	359	6	5,883.3%	0	0	0.0%	0	0	0.0%	2,660	573	364.2%	
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	6,732	15,248	-55.8%	0	0	0.0%	36	0	0.0%	87,870	58,865	49.3%	
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	75	4,505	-98.3%	0	0	0.0%	0	0	0.0%	70,129	23,153	202.9%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	536	156	243.6%	
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	125	925	-86.5%	0	0	0.0%	0	0	0.0%	18,085	8,375	115.9%	
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	315	868	-63.7%	0	0	0.0%	0	0	0.0%	12,629	6,498	94.4%	
SINGAPORE JET KERO VS. GAS	ZO	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	50	50	0.0%	
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	266	874	-69.6%	0	0	0.0%	0	0	0.0%	1,531	3,817	-59.9%	
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	5,875	20,123	-70.8%	0	0	0.0%	5	0	0.0%	72,707	82,390	-11.8%	
SINGAPORE NAPHTHA BALMO	KU	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%	
SING FUEL	MSD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	30	133.3%	
SOCAL BASIS SWAP	NS	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,864	-100.0%	
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	612	-100.0%	
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	0	2,202	-100.0%	
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	759	-100.0%	0	0	0.0%	0	0	0.0%	6,238	15,636	-60.1%	
SUMAS NAT GAS PLATTS FIXE	DVS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	306	0	0.0%	
TC2 ROTTERDAM TO USAC 37K	TM	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
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	56	2,440	-97.7%	0	0	0.0%	0	0	0.0%	8,282	33,072	-75.0%	
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0	0	240	-100.0%	0	0	0.0%	0	0	0.0%	0	240	-100.0%	
TD3 MEG TO JAPAN 250K MT	TL	0	-	-	0	-	30	-	-	0	-	-	0	-	-	30	-	-	
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	1,285	-100.0%	
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	428	1,630	-73.7%	
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,526	-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	3,028	-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	240	-100.0%	0	0	0.0%	0	0	0.0%	0	8,365	-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	1,611	-100.0%	
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	6,885	-100.0%	0	0	0.0%	0	31	-100.0%	8,604	80,011	-89.2%	
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	248	-100.0%	
TRANSCO ZONE 1 NG BASIS	8E	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0	0	240	-100.0%	0	0	0.0%	0	0	0.0%	302	1,032	-70.7%	
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	1,474	-100.0%	0	0	0.0%	0	646	-100.0%	13,239	18,836	-29.7%	

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Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
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	1,457	-68.1%	
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	1,618	-100.0%	0	0	0.0%	0	0	0.0%	2,870	12,105	-76.3%	
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	0	240	-100.0%	0	0	0.0%	0	0	0.0%	856	6,742	-87.3%	
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	7	-100.0%	0	0	0.0%	0	0	0.0%	265	328	-19.2%	
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	38	-100.0%	
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	45	-33.3%	
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	66	165	-60.0%	
ULSD 10PPM CIF NW BALMO S	B1	0	-	-	0	-	0	-	-	0	-	-	0	-	-	6	-	-	
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	35	-100.0%	
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	9,770	4,845	101.7%	0	0	0.0%	0	0	0.0%	46,692	57,450	-18.7%	
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	50,929	52,340	-2.7%	0	0	0.0%	0	0	0.0%	474,669	529,791	-10.4%	
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	175	-100.0%	
VENTURA NAT GAS PLATTS FIX	DVA	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
WAHA BASIS	NW	0	0	0.0%	0	0	0	1,730	-100.0%	0	0	0.0%	0	0	0.0%	6,064	42,824	-85.8%	
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	8,728	-100.0%	
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	180	600	-70.0%	0	0	0.0%	0	0	0.0%	2,400	9,237	-74.0%	
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	904	0	0.0%	
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	31,694	8,007	295.8%	0	0	0.0%	120	0	0.0%	171,246	115,444	48.3%	
WTI CALENDAR	CS	0	0	0.0%	0	0	34,612	37,016	-6.5%	0	1,069	-100.0%	0	0	0.0%	368,837	298,035	23.8%	
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	14,656	15,354	-4.5%	0	0	0.0%	0	0	0.0%	53,170	38,390	38.5%	
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	2,230	1,002	122.6%	0	0	0.0%	0	0	0.0%	8,310	11,708	-29.0%	
Energy Options																			
12 MO GASOIL CAL SWAP SPR	GXZ	0	-	-	0	-	0	-	-	0	-	-	0	-	-	630	-	-	
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
APPALACHIAN COAL	6K	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	1,800	-100.0%	0	0	0.0%	0	0	0.0%	5,347	13,428	-60.2%	
BRENT CRUDE OIL 12 M CSO	9Y	0	-	-	0	-	2,000	-	-	0	-	-	0	-	-	2,000	-	-	
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	986	100	886.0%	0	3,000	-100.0%	0	0	0.0%	35,572	33,890	5.0%	
BRENT OIL LAST DAY	BZO	0	0	0.0%	17,873	8,493	1.1	48,975	29,084	68.4%	0	2,473	-100.0%	103,186	25,308	307.7%	294,628	159,913	84.2%
BRENT OIL LAST DAY	OS	0	4	-100.0%	0	0	200	0	0.0%	0	4,436	-100.0%	144	0	0.0%	3,700	7,798	-52.6%	

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Energy Options																			
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	431	1,590	-72.9%	0	0	0.0%	0	0	0.0%	9,883	52,234	-81.1%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	145	0	0.0%	0	0	0.0%	0	0	0.0%	755	101,534	-99.3%
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	50	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	1,480	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	180	585	-69.2%
COAL SWAP	RPF	0	0	0.0%	0	0	0	60	0	0.0%	0	0	0.0%	0	0	0.0%	605	1,086	-44.3%
CRUDE OIL 1MO	WA	0	0	0.0%	56,107	56,764	-0.01	35,800	175,300	-79.6%	0	100	-100.0%	322,700	590,909	-45.4%	1,438,339	1,910,860	-24.7%
CRUDE OIL APO	AO	0	74	-100.0%	10	0	0	42,710	51,604	-17.2%	0	7,251	-100.0%	70	0	0.0%	479,783	295,462	62.4%
CRUDE OIL CALNDR STRIP	6F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,290	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	-	-	0	-	0	2,530	-	-	0	-	-	0	-	-	11,770	-	-
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	3,550	3,400	4.4%	0	0	0.0%	25	0	0.0%	29,095	35,775	-18.7%
CRUDE OIL PHY	LC	0	98	-100.0%	0	1	-1	3,800	8,288	-54.2%	0	11,839	-100.0%	13	1	1,200.0%	232,814	273,262	-14.8%
CRUDE OIL PHY	LO	0	4,824	-100.0%	2,333,632	2,417,393	-0.03	544,620	728,879	-25.3%	0	203,319	-100.0%	29,076,713	27,734,998	4.8%	7,463,990	8,518,889	-12.4%
CRUDE OIL PHY	LO1	0	0	0.0%	19,666	5,660	2.47	50	0	0.0%	0	1,350	-100.0%	142,608	53,200	168.1%	750	150	400.0%
CRUDE OIL PHY	LO2	0	0	0.0%	14,942	3,774	2.96	0	0	0.0%	0	350	-100.0%	123,583	39,218	215.1%	250	400	-37.5%
CRUDE OIL PHY	LO3	0	0	0.0%	11,843	5,429	1.18	0	0	0.0%	0	1,215	-100.0%	82,535	26,549	210.9%	200	50	300.0%
CRUDE OIL PHY	LO4	0	0	0.0%	12,513	5,411	1.31	0	0	0.0%	0	1,750	-100.0%	161,970	42,608	280.1%	300	630	-52.4%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0	0	0	0	0.0%	0	585	-100.0%	53,239	23,850	123.2%	250	700	-64.3%
DAILY CRUDE OIL	DNM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	PML	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	264	-100.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0	0	0	840	-100.0%	0	0	0.0%	0	0	0.0%	820	3,420	-76.0%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	25	200.0%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	325	25	1,200.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	7,744	9,338	-17.1%	0	0	0.0%	0	0	0.0%	57,085	64,251	-11.2%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	1,580	3,458	-54.3%
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%

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Energy Options																			
HEATING OIL CRACK OPTIONS	CH	0	-	0	-	-	0	-	-	0	-	-	0	-	-	100	-	-	
HEATING OIL CRK SPD AVG PR	3W	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%	
HEATING OIL PHY	LB	0	4	-100.0%	0	0	25	0	0.0%	0	169	-100.0%	8	0	0.0%	2,720	60	4,433.3%	
HEATING OIL PHY	OH	0	392	-100.0%	6,416	4,646	32,750	31,772	3.1%	0	6,845	-100.0%	49,659	65,162	-23.8%	272,878	440,511	-38.1%	
HENRY HUB FINANCIAL LAST	E7	0	42	-100.0%	0	0	5,638	1,919	193.8%	0	68	-100.0%	0	0	0.0%	38,676	20,288	90.6%	
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	1,700	5,900	-71.2%	
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%	
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,100	11,730	-56.5%	
LLS CRUDE OIL	YVO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	3,750	-	-	
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	160	240	-33.3%	0	0	0.0%	0	0	0.0%	1,450	8,905	-83.7%	
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	2,485	-100.0%	
NATURAL GAS	G10	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	450	500	-10.0%	
NATURAL GAS 12 M CSO FIN	G7	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	500	0	53,784	35,465	51.7%	0	200	-100.0%	3,920	0	0.0%	384,309	80,894	375.1%	
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	1,500	2,175	-31.0%	0	0	0.0%	0	0	0.0%	9,550	3,375	183.0%	
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	1,000	200	400.0%	0	250	-100.0%	0	0	0.0%	120,425	226,882	-46.9%	
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%	4,050	1,200	237.5%	
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	3,650	1,500	143.3%	0	0	0.0%	0	0	0.0%	50,670	5,600	804.8%	
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	1,832	2,800	-34.6%	0	0	0.0%	0	0	0.0%	9,770	18,808	-48.1%	
NATURAL GAS PHY	KD	0	0	0.0%	32,675	155	19,100	31,455	-39.3%	0	0	0.0%	97,955	200	48,877.5%	305,075	319,941	-4.6%	
NATURAL GAS PHY	LN	0	85	-100.0%	1,416,109	620,058	1,055,628	1,367,731	-22.8%	0	10,302	-100.0%	10,271,871	4,363,489	135.4%	11,891,044	14,895,261	-20.2%	
NATURAL GAS PHY	ON	0	1,475	-100.0%	218,092	296,811	7,569	14,057	-46.2%	0	11,436	-100.0%	1,890,452	2,666,074	-29.1%	71,060	74,434	-4.5%	
NATURAL GAS PHY	ON1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%	
NATURAL GAS PHY	ON5	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	0	0	0	0.0%	0	500	-100.0%	0	0	0.0%	0	0	0.0%	
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	630	-100.0%	0	0	0.0%	0	0	0.0%	4,030	6,540	-38.4%	
NY HARBOR HEAT OIL SWP	AT	0	55	-100.0%	15	0	2,828	5,691	-50.3%	0	1,572	-100.0%	483	6	7,950.0%	32,023	55,873	-42.7%	
NYISO ZONE G 5MW PEAK OPT	9U	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	19,830	420	4,621.4%	
NYMEX EUROPEAN GASOIL AP	F7	0	0	0.0%	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%	
NYMEX EUROPEAN GASOIL OP	F8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PANHANDLE PIPE SWAP	PU	0	-	-	0	-	5,760	-	-	0	-	-	0	-	-	8,640	-	-	
PETROCHEMICALS	4H	0	0	0.0%	0	0	834	125	567.2%	0	0	0.0%	8	10	-20.0%	7,726	11,011	-29.8%	
PETROCHEMICALS	4I	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROCHEMICALS	4J	0	0	0.0%	0	0	120	365	-67.1%	0	0	0.0%	0	0	0.0%	2,945	5,885	-50.0%	

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Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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																			
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	180	-100.0%	0	0	0.0%	0	0	0.0%	1,200	1,560	-23.1%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	18	520	-96.5%
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	50	160	-68.8%	0	0	0.0%	0	0	0.0%	3,960	750	428.0%
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	360	80	350.0%	0	0	0.0%	0	0	0.0%	13,029	9,291	40.2%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	600	6,650	-91.0%	0	0	0.0%	0	0	0.0%	5,508	10,050	-45.2%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	455	336	35.4%	0	50	-100.0%	10	0	0.0%	2,805	6,535	-57.1%
RBOB PHY	OB	0	267	-100.0%	6,922	4,323	0.6	10,306	7,793	32.2%	0	8,506	-100.0%	69,256	75,745	-8.6%	199,836	271,466	-26.4%
RBOB PHY	RF	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	1,160	20	5,700.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	520	-100.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	360	540	-33.3%	0	0	0.0%	0	0	0.0%	3,240	9,108	-64.4%
SHORT TERM	U11	0	0	0.0%	30	0	0	150	0	0.0%	0	0	0.0%	30	0	0.0%	5,940	2,250	164.0%
SHORT TERM	U12	0	0	0.0%	0	0	0	125	200	-37.5%	0	0	0.0%	0	0	0.0%	4,604	3,730	23.4%
SHORT TERM	U13	0	0	0.0%	62	0	0	200	500	-60.0%	0	0	0.0%	72	0	0.0%	2,485	4,261	-41.7%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	3,355	4,775	-29.7%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	4,700	3,125	50.4%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	2,857	3,275	-12.8%
SHORT TERM	U23	0	0	0.0%	100	0	0	500	0	0.0%	0	0	0.0%	100	0	0.0%	1,572	1,680	-6.4%
SHORT TERM	U24	0	0	0.0%	0	0	0	650	300	116.7%	0	0	0.0%	0	0	0.0%	3,220	2,080	54.8%
SHORT TERM	U25	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	940	505	86.1%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	292	1,580	-81.5%
SHORT TERM CRUDE OIL	C02	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	1,000	-100.0%	0	0	0.0%	0	0	0.0%	3,315	4,375	-24.2%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	58	0	0.0%	3,425	3,500	-2.1%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,220	1,620	37.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	300	275	9.1%	0	0	0.0%	0	0	0.0%	1,170	4,375	-73.3%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	3,350	0	0.0%	0	0	0.0%	35	0	0.0%	10,105	2,725	270.8%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	150	0	0	860	400	115.0%	0	0	0.0%	185	0	0.0%	7,860	2,905	170.6%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	3,285	3,800	-13.6%

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Energy Options																		
SHORT TERM NATURAL GAS U08	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,470	3,222	38.7%
SHORT TERM NATURAL GAS U09	0	0	0.0%	141	0	0	1,040	0	0.0%	0	0	0.0%	141	0	0.0%	4,640	4,842	-4.2%
SHORT TERM NATURAL GAS U10	0	0	0.0%	0	0	0	100	100	0.0%	0	0	0.0%	0	0	0.0%	5,652	4,095	38.0%
SHORT TERM NATURAL GAS U16	0	0	0.0%	275	0	0	2,500	0	0.0%	0	0	0.0%	275	0	0.0%	6,170	3,610	70.9%
SHORT TERM NATURAL GAS U17	0	0	0.0%	10	0	0	875	0	0.0%	0	0	0.0%	10	0	0.0%	4,179	955	337.6%
SHORT TERM NATURAL GAS U18	0	0	0.0%	35	0	0	475	50	850.0%	0	0	0.0%	85	0	0.0%	1,612	2,855	-43.5%
SHORT TERM NATURAL GAS U19	0	0	0.0%	175	0	0	200	150	33.3%	0	0	0.0%	175	0	0.0%	4,385	1,530	186.6%
SHORT TERM NATURAL GAS U20	0	0	0.0%	83	0	0	215	50	330.0%	0	0	0.0%	83	0	0.0%	3,445	1,430	140.9%
SHORT TERM NATURAL GAS U21	0	0	0.0%	0	0	0	0	450	-100.0%	0	0	0.0%	0	0	0.0%	2,724	1,125	142.1%
SHORT TERM NATURAL GAS U27	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	1,870	1,050	78.1%
SHORT TERM NATURAL GAS U28	0	0	0.0%	0	0	0	0	650	-100.0%	0	0	0.0%	0	0	0.0%	3,255	3,925	-17.1%
SHORT TERM NATURAL GAS U29	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	435	2,725	-84.0%
SHORT TERM NATURAL GAS U30	0	0	0.0%	5	0	0	350	0	0.0%	0	0	0.0%	5	0	0.0%	3,770	950	296.8%
SHORT TERM NATURAL GAS U31	0	0	0.0%	50	0	0	450	275	63.6%	0	0	0.0%	50	0	0.0%	6,200	1,125	451.1%
SINGAPORE FUEL OIL 180 CS C5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL CALENDAR M2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALENDAR N2	0	0	0.0%	0	0	0	0	480	-100.0%	0	0	0.0%	0	0	0.0%	0	480	-100.0%
SOCAL PIPE SWAP ZN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	11,200	-100.0%
WTI 12 MONTH CALENDAR OPT WZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP BV	0	0	0.0%	26,444	0	0	74,694	13,000	474.6%	0	0	0.0%	41,604	0	0.0%	393,873	173,200	127.4%
WTI CRUDE OIL 1 M CSO FI 7A	0	0	0.0%	0	0	0	31,815	107,600	-70.4%	0	0	0.0%	4,000	26,126	-84.7%	567,515	1,404,197	-59.6%

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Metals Futures																			
COMEX GOLD	GC	0	2,713	-100.0%	6,514,119	3,574,211	0.82	151,177	138,505	9.1%	0	90,777	-100.0%	57,040,397	44,394,106	28.5%	1,951,409	1,387,270	40.7%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	1,157	404	1.86	5,950	5,432	9.5%	0	0	0.0%	3,905	4,593	-15.0%	49,195	43,951	11.9%
NYMEX PLATINUM	PL	0	0	0.0%	335,247	288,495	0.16	8,970	6,041	48.5%	0	38	-100.0%	3,778,453	3,072,367	23.0%	123,168	65,565	87.9%
PALLADIUM	PA	0	0	0.0%	83,314	106,495	-0.22	3,956	3,250	21.7%	0	63	-100.0%	1,116,591	1,071,610	4.2%	60,042	39,296	52.8%
URANIUM	UX	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	427	993	-57.0%	4,047	6,300	-35.8%
COMEX SILVER	SI	0	253	-100.0%	1,793,724	1,299,064	0.38	32,720	12,545	160.8%	0	9,675	-100.0%	18,674,763	14,471,128	29.0%	432,606	194,003	123.0%
COMEX E-Mini GOLD	QO	0	0	0.0%	5,343	6,890	-0.22	0	0	0.0%	0	0	0.0%	80,343	105,332	-23.7%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	471	1,033	-0.54	0	0	0.0%	0	0	0.0%	8,084	12,279	-34.2%	0	0	0.0%
COMEX COPPER	HG	0	72	-100.0%	2,395,581	1,490,243	0.61	15,076	888	1,597.7%	0	922	-100.0%	21,448,557	16,380,972	30.9%	256,886	25,392	911.7%
COMEX MINY COPPER	QC	0	0	0.0%	459	239	0.92	0	0	0.0%	0	0	0.0%	7,013	5,043	39.1%	0	0	0.0%
ALUMINUM	A38	0	0	0.0%	0	0	0	0	16	-100.0%	0	0	0.0%	0	0	0.0%	30	87	-65.5%
ALUMINUM	AEP	0	0	0.0%	0	0	0	2,004	1,440	39.2%	0	0	0.0%	78	2,838	-97.3%	24,659	7,741	218.6%
ALUMINUM	ALA	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	5,350	60	8,816.7%
ALUMINUM	ALI	0	0	0.0%	0	985	-1	40	45	-11.1%	0	0	0.0%	4,197	6,482	-35.3%	1,061	135	685.9%
ALUMINUM	AUP	0	0	0.0%	191	244	-0.22	7,662	2,835	170.3%	0	0	0.0%	2,267	4,934	-54.1%	69,318	51,629	34.3%
ALUMINUM	EDP	0	0	0.0%	0	0	0	180	2,070	-91.3%	0	0	0.0%	44	80	-45.0%	9,106	6,689	36.1%
ALUMINUM	MJP	0	0	0.0%	0	0	0	2,220	1,080	105.6%	0	0	0.0%	260	999	-74.0%	13,608	5,604	142.8%
COPPER	HGS	0	0	0.0%	0	0	0	88	40	120.0%	0	0	0.0%	0	0	0.0%	1,606	2,360	-31.9%
E-MICRO GOLD	MGC	0	0	0.0%	106,238	52,304	1.03	0	0	0.0%	0	0	0.0%	946,127	821,509	15.2%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	0	0	0	420	30	1,300.0%	0	0	0.0%	85	0	0.0%	1,135	812	39.8%
FERROUS PRODUCTS	SSF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	GPS	0	-	-	0	-	0	0	-	-	0	-	-	1	-	-	0	-	-
Gold Kilo	GCK	0	0	0.0%	153	3,711	-0.96	0	0	0.0%	0	0	0.0%	3,276	47,646	-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	0	540	-100.0%	0	0	0.0%	0	0	0.0%	8,562	3,010	184.5%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	220	508	-0.57	842	9,269	-90.9%	0	0	0.0%	2,810	5,306	-47.0%	80,864	153,622	-47.4%
LNDN ZINC	ZNC	0	0	0.0%	20	27	-0.26	0	0	0.0%	0	0	0.0%	115	227	-49.3%	0	0	0.0%
METALS	LED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	0	0	0.0%
SILVER	SIL	0	0	0.0%	4,985	5,630	-0.11	0	0	0.0%	0	0	0.0%	58,404	83,606	-30.1%	0	0	0.0%

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Metals Options																			
COMEX COPPER	HX	0	0	0.0%	16,137	2,454	5.58	1,741	2,425	-28.2%	0	1,188	-100.0%	70,266	23,822	195.0%	4,420	6,521	-32.2%
COMEX GOLD	OG	0	16,698	-100.0%	625,816	607,491	0.03	178,774	168,035	6.4%	0	592,859	-100.0%	6,513,341	5,732,193	13.6%	1,893,631	1,483,918	27.6%
COMEX SILVER	SO	0	8,781	-100.0%	79,409	90,349	-0.12	29,140	5,876	395.9%	0	79,795	-100.0%	1,076,342	993,161	8.4%	145,865	93,165	56.6%
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%	6,338	2,813	1.25	850	0	0.0%	0	86	-100.0%	32,924	12,225	169.3%	1,500	100	1,400.0%
GOLD	OG2	0	0	0.0%	4,337	1,143	2.79	0	50	-100.0%	0	290	-100.0%	30,682	9,342	228.4%	2,658	1,788	48.7%
GOLD	OG3	0	0	0.0%	4,079	752	4.42	0	0	0.0%	0	90	-100.0%	34,911	8,158	327.9%	1,915	650	194.6%
GOLD	OG4	0	0	0.0%	3,201	1,157	1.77	0	117	-100.0%	0	0	0.0%	19,489	5,992	225.3%	250	412	-39.3%
GOLD	OG5	0	0	0.0%	0	0	0	0	0	0.0%	0	200	-100.0%	9,631	2,654	262.9%	0	100	-100.0%
HOT ROLLED COIL STEEL CALL	HRO	0	-	-	0	-		330	-	-	0	-	-	0	-	-	330	-	-
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	988	760	30.0%	0	0	0.0%	0	0	0.0%	16,810	36,749	-54.3%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	1,700	120	1,316.7%	0	0	0.0%	0	0	0.0%	25,355	29,366	-13.7%
NYMEX PLATINUM	PO	0	0	0.0%	955	743	0.29	1,080	2,957	-63.5%	0	2,254	-100.0%	10,884	7,645	42.4%	15,981	33,939	-52.9%
PALLADIUM	PAO	0	0	0.0%	1,198	265	3.52	7,710	3,840	100.8%	0	322	-100.0%	11,589	2,546	355.2%	46,635	30,391	53.5%
SILVER	SO1	0	0	0.0%	124	216	-0.43	0	0	0.0%	0	0	0.0%	641	360	78.1%	25	0	0.0%
SILVER	SO2	0	0	0.0%	19	235	-0.92	0	0	0.0%	0	0	0.0%	213	281	-24.2%	0	0	0.0%
SILVER	SO3	0	0	0.0%	4	180	-0.98	0	0	0.0%	0	0	0.0%	589	464	26.9%	0	0	0.0%
SILVER	SO4	0	0	0.0%	59	142	-0.58	0	0	0.0%	0	0	0.0%	187	214	-12.6%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	4	250	-98.4%	0	0	0.0%
TOTAL FUTURES GROUP																			
Commodities and Alternative Investments Future		0	0	0.0%	3	44	-93.2%	0	0	0.0%	0	0	0.0%	184	3,738	-95.1%	0	0	0.0%
Energy Futures		0	760	-100.0%	43,729,940	40,506,918	8.0%	2,749,365	3,766,254	-27.0%	0	27,076	-100.0%	438,918,583	387,249,404	13.3%	36,594,920	45,185,155	-19.0%
Metals Futures		0	3,038	-100.0%	11,241,222	6,830,483	64.6%	231,305	184,686	25.2%	0	101,475	-100.0%	103,176,197	80,492,075	28.2%	3,092,652	1,993,526	55.1%
TOTAL FUTURES		0	3,798	-100.0%	54,971,165	47,337,445	16.1%	2,980,670	3,950,940	-24.6%	0	128,551	-100.0%	542,094,964	467,745,217	15.9%	39,687,572	47,178,681	-15.9%
TOTAL OPTIONS GROUP																			
Energy Options		0	7,320	-100.0%	4,174,875	3,428,918	21.8%	2,017,159	2,649,282	-23.9%	0	277,566	-100.0%	42,497,366	35,733,455	18.9%	24,625,343	29,673,071	-17.0%
Metals Options		0	25,479	-100.0%	741,676	707,940	4.8%	222,313	184,180	20.7%	0	677,084	-100.0%	7,811,693	6,799,307	14.9%	2,155,375	1,717,099	25.5%
TOTAL OPTIONS		0	32,799	-100.0%	4,916,551	4,136,858	18.8%	2,239,472	2,833,462	-21.0%	0	954,650	-100.0%	50,309,059	42,532,762	18.3%	26,780,718	31,390,170	-14.7%



NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2017	Open Outcry OCT 2016	% CHG	ELEC OCT 2017	ELEC OCT 2016	% CHG	CME ClearPort OCT 2017	CME ClearPort OCT 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%	3	44	-93.2%	0	0	0.0%	0	0	0.0%	184	3,738	-95.1%	0	0	0.0%
Energy	0	8,080	-100.0%	47,904,815	43,935,836	9.0%	4,766,524	6,415,536	-25.7%	0	304,642	-100.0%	481,415,949	422,982,859	13.8%	61,220,263	74,858,226	-18.2%
Metals	0	28,517	-100.0%	11,982,898	7,538,423	59.0%	453,618	368,866	23.0%	0	778,559	-100.0%	110,987,890	87,291,382	27.1%	5,248,027	3,710,625	41.4%
GRAND TOTAL	0	36,597	-100.0%	59,887,716	51,474,303	16.3%	5,220,142	6,784,402	-23.1%	0	1,083,201	-100.0%	592,404,023	510,277,979	16.1%	66,468,290	78,568,851	-15.4%

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