

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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%	6	349	-0.98	0	0	0.0%	0	0	0.0%	6	349	-98.3%	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	12	-1	0	0	0.0%	0	0	0.0%	0	12	-100.0%	0	0	0.0%
COTTON	TT	0	0	0.0%	1	19	-0.95	0	0	0.0%	0	0	0.0%	1	19	-94.7%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	14	122	-0.89	0	0	0.0%	0	0	0.0%	14	122	-88.5%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	5,053	-100.0%	21,840,812	21,002,699	0.04	585,573	685,123	-14.5%	0	5,053	-100.0%	21,840,812	21,002,699	4.0%	585,573	685,123	-14.5%
CRUDE OIL	WS	0	0	0.0%	0	0	0	12,116	20,063	-39.6%	0	0	0.0%	0	0	0.0%	12,116	20,063	-39.6%
MINY WTI CRUDE OIL	QM	0	0	0.0%	224,865	312,696	-0.28	0	0	0.0%	0	0	0.0%	224,865	312,696	-28.1%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,916,135	2,695,801	-0.29	24,857	24,043	3.4%	0	0	0.0%	1,916,135	2,695,801	-28.9%	24,857	24,043	3.4%
HEATING OIL PHY	HO	0	114	-100.0%	3,031,958	3,028,618	0	290,575	245,193	18.5%	0	114	-100.0%	3,031,958	3,028,618	0.1%	290,575	245,193	18.5%
HTG OIL	BH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MINY HTG OIL	QH	0	0	0.0%	4	8	-0.5	0	0	0.0%	0	0	0.0%	4	8	-50.0%	0	0	0.0%
RBOB PHY	RB	0	43	-100.0%	3,465,770	3,150,508	0.1	282,731	139,590	102.5%	0	43	-100.0%	3,465,770	3,150,508	10.0%	282,731	139,590	102.5%
MINY RBOB GAS	QU	0	0	0.0%	9	3	2	0	0	0.0%	0	0	0.0%	9	3	200.0%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	20,835	2,234	8.33	115,768	97,993	18.1%	0	0	0.0%	20,835	2,234	832.6%	115,768	97,993	18.1%
LTD NAT GAS	HH	0	0	0.0%	113,837	74,838	0.52	179,606	157,673	13.9%	0	0	0.0%	113,837	74,838	52.1%	179,606	157,673	13.9%
MINY NATURAL GAS	QG	0	0	0.0%	45,057	26,137	0.72	0	0	0.0%	0	0	0.0%	45,057	26,137	72.4%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	0	120	-100.0%
NATURAL GAS PHY	NG	0	650	-100.0%	8,527,273	6,269,890	0.36	331,300	200,196	65.5%	0	650	-100.0%	8,527,273	6,269,890	36.0%	331,300	200,196	65.5%
RBOB GAS	RT	0	0	0.0%	0	0	0	1,810	1,350	34.1%	0	0	0.0%	0	0	0.0%	1,810	1,350	34.1%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	734	290	153.1%	0	0	0.0%	0	0	0.0%	734	290	153.1%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	25	5	400.0%	0	0	0.0%	0	0	0.0%	25	5	400.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	0	642	-100.0%	0	0	0.0%	0	0	0.0%	0	642	-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	1,644	-100.0%	0	0	0.0%	0	0	0.0%	0	1,644	-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	0	0.0%

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Energy Futures																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	8,974	12,589	-28.7%	0	0	0.0%	0	0	0.0%	8,974	12,589	-28.7%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	1,285	1,104	16.4%	0	0	0.0%	0	0	0.0%	1,285	1,104	16.4%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	1,282	1,065	20.4%	0	0	0.0%	0	0	0.0%	1,282	1,065	20.4%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	309	318	-2.8%	0	0	0.0%	0	0	0.0%	309	318	-2.8%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	25	20	25.0%	0	0	0.0%	0	0	0.0%	25	20	25.0%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	3,380	274	1,133.6%	0	0	0.0%	0	0	0.0%	3,380	274	1,133.6%
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	8,850	531	1,566.7%	0	0	0.0%	0	0	0.0%	8,850	531	1,566.7%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	1,394	-100.0%	0	0	0.0%	0	0	0.0%	0	1,394	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	-	-	0	-	0	7,940	-	-	0	-	-	0	-	-	7,940	-	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	0	-	-
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	1,290	1,065	21.1%	0	0	0.0%	0	0	0.0%	1,290	1,065	21.1%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	634	-100.0%	0	0	0.0%	0	0	0.0%	0	634	-100.0%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CENTER POINT NAT GAS FIXED	DAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	597	890	-0.33	140,434	94,789	48.2%	0	0	0.0%	597	890	-32.9%	140,434	94,789	48.2%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	265	275	-3.6%	0	0	0.0%	0	0	0.0%	265	275	-3.6%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	1,125	-100.0%	0	0	0.0%	0	0	0.0%	0	1,125	-100.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	9,279	-100.0%	0	0	0.0%	0	0	0.0%	0	9,279	-100.0%
CIG ROCKIES NG INDEX SWA	Z8	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	0	-	-
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	0	0.0%
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	74,480	-100.0%	0	0	0.0%	0	0	0.0%	0	74,480	-100.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	1,068	5,050	-78.9%	0	0	0.0%	0	0	0.0%	1,068	5,050	-78.9%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	18,040	293,760	-93.9%	0	0	0.0%	0	0	0.0%	18,040	293,760	-93.9%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	10,525	15,390	-31.6%	0	0	0.0%	0	0	0.0%	10,525	15,390	-31.6%
COAL SWAP	ACM	0	0	0.0%	0	0	0	110	970	-88.7%	0	0	0.0%	0	0	0.0%	110	970	-88.7%
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	71	-100.0%	0	0	0.0%	0	0	0.0%	0	71	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	3,966	-100.0%	0	0	0.0%	0	0	0.0%	0	3,966	-100.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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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	3,108	-100.0%	0	0	0.0%	0	0	0.0%	0	3,108	-100.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	85	126	-32.5%	0	0	0.0%	0	0	0.0%	85	126	-32.5%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	102	75	36.0%	0	0	0.0%	0	0	0.0%	102	75	36.0%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	10,415	4,350	139.4%	0	0	0.0%	0	0	0.0%	10,415	4,350	139.4%
CRUDE OIL	CHB	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	0	-	-
CRUDE OIL	LPS	0	0	0.0%	0	0	0	4,814	3,615	33.2%	0	0	0.0%	0	0	0.0%	4,814	3,615	33.2%
CRUDE OIL OUTRIGHTS	37	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	0	-	-
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	85	14	507.1%	0	0	0.0%	0	0	0.0%	85	14	507.1%
CRUDE OIL OUTRIGHTS	CSW	0	-	-	0	-	0	270	-	-	0	-	-	0	-	-	270	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	400	0	0.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	-	-	0	-	0	45	-	-	0	-	-	0	-	-	45	-	-
CRUDE OIL OUTRIGHTS	HTT	0	-	-	0	-	0	13,351	-	-	0	-	-	0	-	-	13,351	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	10,640	9,870	7.8%	0	0	0.0%	0	0	0.0%	10,640	9,870	7.8%
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	225	-100.0%	0	0	0.0%	0	0	0.0%	0	225	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	9,185	1,221	652.3%	0	0	0.0%	0	0	0.0%	9,185	1,221	652.3%
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	7G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	3,510	0	0.0%	0	0	0.0%	0	0	0.0%	3,510	0	0.0%

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Energy Futures																		
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DEMARC SWING SWAP	DT	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DIESEL10PPM BARG VS ICE LS	LSE	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DLY GAS EURO-BOB OXY	GBR	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	660	-100.0%	0	0	0.0%	0	0	0.0%	0	660	-100.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	19,777	16,080	23.0%	0	0	0.0%	0	0	0.0%	19,777	16,080	23.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	16,499	1,842	795.7%	0	0	0.0%	0	0	0.0%	16,499	1,842	795.7%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0	1,500	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	1,575	1,635	-3.7%	0	0	0.0%	0	0	0.0%	1,575	1,635	-3.7%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	841	5	16,720.0%	0	0	0.0%	0	0	0.0%	841	5	16,720.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	1,486	3,596	-58.7%	0	0	0.0%	0	0	0.0%	1,486	3,596	-58.7%
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	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	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	55	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	0	0.0%
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
ELEC WEST POWER PEAK	MDC	0	-	-	0	-	1,540	-	-	0	-	-	0	-	-	1,540	-	-
EL PASO PERMIAN INDEX SWA	IL	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
EMMISSIONS	CPL	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	I8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	I6	0	0	0.0%	0	0	0	4,280	-100.0%	0	0	0.0%	0	0	0.0%	0	4,280	-100.0%
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	430	235	83.0%	0	0	0.0%	0	0	0.0%	430	235	83.0%

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Commodity Indicator	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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																			
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	4,434	1,810	145.0%	0	0	0.0%	0	0	0.0%	4,434	1,810	145.0%
EU LOW SULPHUR GASOIL CRA	LSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	0	0	173	-100.0%	0	0	0.0%	0	0	0.0%	0	173	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	859	297	189.2%	0	0	0.0%	0	0	0.0%	859	297	189.2%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	797	920	-13.4%	0	0	0.0%	0	0	0.0%	797	920	-13.4%
EURO-DENOMINATED PETRO P	IBE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NCP	0	0	0.0%	0	0	0	500	70	614.3%	0	0	0.0%	0	0	0.0%	500	70	614.3%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0	0	0	3	-100.0%	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	168	70	140.0%	0	0	0.0%	0	0	0.0%	168	70	140.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	204	285	-28.4%	0	0	0.0%	0	0	0.0%	204	285	-28.4%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	782	334	134.1%	0	0	0.0%	0	0	0.0%	782	334	134.1%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	12,392	7,354	68.5%	0	0	0.0%	0	0	0.0%	12,392	7,354	68.5%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	2,485	350,411	-0.99	0	24,600	-100.0%	0	0	0.0%	2,485	350,411	-99.3%	0	24,600	-100.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	426	114	273.7%	0	0	0.0%	0	0	0.0%	426	114	273.7%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	9,061	4,694	93.0%	0	0	0.0%	0	0	0.0%	9,061	4,694	93.0%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	42	300	-86.0%	0	0	0.0%	0	0	0.0%	42	300	-86.0%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	2,763	808	242.0%	0	0	0.0%	0	0	0.0%	2,763	808	242.0%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,458	815	78.9%	0	0	0.0%	0	0	0.0%	1,458	815	78.9%
FL GAS ZONE 3 NAT GAS IND	Q9	0	-	-	0	-	0	0	-	-	0	-	0	-	-	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	0	0.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	125	243	-48.6%	0	0	0.0%	0	0	0.0%	125	243	-48.6%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	3,451	3,762	-8.3%	0	0	0.0%	0	0	0.0%	3,451	3,762	-8.3%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	0	123	-100.0%	0	0	0.0%	0	0	0.0%	0	123	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	415	559	-25.8%	0	0	0.0%	0	0	0.0%	415	559	-25.8%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	8,025	10,200	-21.3%	0	0	0.0%	0	0	0.0%	8,025	10,200	-21.3%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	21,163	17,247	22.7%	0	0	0.0%	0	0	0.0%	21,163	17,247	22.7%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	60	-100.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%

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Commodity Indicator	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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																			
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	80	-100.0%	0	0	0.0%	0	0	0.0%	0	80	-100.0%	
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
GASOIL 0.1 CIF VS ICE GAS	8W	0	-	-	0	-	20	-	-	0	-	-	0	-	-	20	-	-	
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%	
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	25	0.0%	0	0	0.0%	0	0	0.0%	25	0	0.0%	
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%	
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0	0	3	-100.0%	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	195	2,685.7%	0	0	0.0%	0	0	0.0%	195	7	2,685.7%	
GASOIL BULLET SWAP	BG	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	12	6	100.0%	0	0	0.0%	0	0	0.0%	12	6	100.0%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	8,988	753	1,093.6%	0	0	0.0%	0	0	0.0%	8,988	753	1,093.6%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	136	208	-34.6%	0	0	0.0%	0	0	0.0%	136	208	-34.6%
GASOLINE UP-DOWN BALMO S	1K	0	0	0.0%	0	0	0	0	350	-100.0%	0	0	0.0%	0	0	0.0%	0	350	-100.0%
GC ULSD VS GC JET SPREAD	VV	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	2,779	2,361	17.7%	0	0	0.0%	0	0	0.0%	2,779	2,361	17.7%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	444	1,875	-76.3%	0	0	0.0%	0	0	0.0%	444	1,875	-76.3%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	311	1,581	-80.3%	0	0	0.0%	0	0	0.0%	311	1,581	-80.3%
GULF COAST GASOLINE CLND	GS	0	0	0.0%	0	0	0	0	1,300	-100.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	110	123	-10.6%	0	0	0.0%	0	0	0.0%	110	123	-10.6%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	43,149	28,422	51.8%	0	0	0.0%	0	0	0.0%	43,149	28,422	51.8%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	69,827	63,623	9.8%	0	0	0.0%	0	0	0.0%	69,827	63,623	9.8%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	3,640	1,140	219.3%	0	0	0.0%	0	0	0.0%	3,640	1,140	219.3%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	405	1,907	-78.8%	0	0	0.0%	0	0	0.0%	405	1,907	-78.8%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	1,425	-100.0%	0	0	0.0%	0	0	0.0%	0	1,425	-100.0%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
HEATING OIL CRCK SPRD BAL	1H	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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%	1,456	0	0	4,284	39,507	-89.2%	0	0	0.0%	1,456	0	0.0%	4,284	39,507	-89.2%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	1,456	0	0	4,844	33,365	-85.5%	0	0	0.0%	1,456	0	0.0%	4,844	33,365	-85.5%
HENRY HUB SWAP	NN	0	736	-100.0%	17,289	205,873	-0.92	128,810	389,918	-67.0%	0	736	-100.0%	17,289	205,873	-91.6%	128,810	389,918	-67.0%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0	0	0	290	-100.0%	0	0	0.0%	0	0	0.0%	0	290	-100.0%

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Commodity Indicator	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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																			
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	8,990	-100.0%	0	0	0.0%	0	0	0.0%	0	8,990	-100.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	11,792	0	0.0%	0	0	0.0%	0	0	0.0%	11,792	0	0.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	0	4,800	-100.0%	0	0	0.0%	0	0	0.0%	0	4,800	-100.0%
INDIANA MISO	FAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FDM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FTM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PDM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PTM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	10	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	747	1,539	-51.5%	0	0	0.0%	0	0	0.0%	747	1,539	-51.5%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,182	1,452	-18.6%	0	0	0.0%	0	0	0.0%	1,182	1,452	-18.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	50	92	-45.7%	0	0	0.0%	0	0	0.0%	50	92	-45.7%
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%	0	0	0.0%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0	0	0	22	-100.0%	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	70	20	250.0%	0	0	0.0%	0	0	0.0%	70	20	250.0%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0	0	0	2	-100.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	5,378	3,710	45.0%	0	0	0.0%	0	0	0.0%	5,378	3,710	45.0%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	275	137	100.7%	0	0	0.0%	0	0	0.0%	275	137	100.7%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	250	2,050	-87.8%	0	0	0.0%	0	0	0.0%	250	2,050	-87.8%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	0	235	-100.0%	0	0	0.0%	0	0	0.0%	0	235	-100.0%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	2,745	1,075	155.3%	0	0	0.0%	0	0	0.0%	2,745	1,075	155.3%
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	6,435	7,865	-18.2%	0	0	0.0%	0	0	0.0%	6,435	7,865	-18.2%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	4,846	8,748	-44.6%	0	0	0.0%	0	0	0.0%	4,846	8,748	-44.6%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	21,536	8,970	140.1%	0	0	0.0%	0	0	0.0%	21,536	8,970	140.1%

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Energy Futures																			
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	3,517	115	2,958.3%	0	0	0.0%	0	0	0.0%	3,517	115	2,958.3%
MCCLOSKY ARA ARGV COAL	MTF	0	0	0.0%	0	0	0	77,180	246,068	-68.6%	0	0	0.0%	0	0	0.0%	77,180	246,068	-68.6%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	10,670	35,296	-69.8%	0	0	0.0%	0	0	0.0%	10,670	35,296	-69.8%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	197	193	2.1%	0	0	0.0%	0	0	0.0%	197	193	2.1%
MICHCON NG INDEX SWAP	Y8	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	2,592	1,824	42.1%	0	0	0.0%	0	0	0.0%	2,592	1,824	42.1%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	74,480	-100.0%	0	0	0.0%	0	0	0.0%	0	74,480	-100.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	4,030	-100.0%	0	0	0.0%	0	0	0.0%	0	4,030	-100.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	467	95	391.6%	0	0	0.0%	0	0	0.0%	467	95	391.6%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	716	500	43.2%	0	0	0.0%	0	0	0.0%	716	500	43.2%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	2,871	735	290.6%	0	0	0.0%	0	0	0.0%	2,871	735	290.6%
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	80	138	-42.0%	0	0	0.0%	0	0	0.0%	80	138	-42.0%
MNC FUT	MNC	0	0	0.0%	0	0	0	3,787	3,941	-3.9%	0	0	0.0%	0	0	0.0%	3,787	3,941	-3.9%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	47,665	21,405	122.7%	0	0	0.0%	0	0	0.0%	47,665	21,405	122.7%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	990	115	760.9%	0	0	0.0%	0	0	0.0%	990	115	760.9%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	16	21	-0.24	106,165	79,471	33.6%	0	0	0.0%	16	21	-23.8%	106,165	79,471	33.6%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	3,367	170	1,880.6%	0	0	0.0%	0	0	0.0%	3,367	170	1,880.6%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	8,053	6,801	18.4%	0	0	0.0%	0	0	0.0%	8,053	6,801	18.4%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	846	168	403.6%	0	0	0.0%	0	0	0.0%	846	168	403.6%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	28,725	20,104	42.9%	0	0	0.0%	0	0	0.0%	28,725	20,104	42.9%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	1,224	519	135.8%	0	0	0.0%	0	0	0.0%	1,224	519	135.8%
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	428	302	41.7%	0	0	0.0%	0	0	0.0%	428	302	41.7%
NATURAL GAS	HBI	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
NATURAL GAS	XSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	CFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	DSF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	MFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	PFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	WFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	Z5P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	ZTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Energy Futures																			
NATURAL GAS INDEX	TZI	0	-	-	0	-	56	-	-	0	-	-	0	-	-	56	-	-	
NATURAL GAS PEN SWP	NP	0	92	-100.0%	51	0	0	121,378	92,679	31.0%	0	92	-100.0%	51	0	0.0%	121,378	92,679	31.0%
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	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	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	9,360	-100.0%	0	0	0.0%	0	0	0.0%	0	9,360	-100.0%	
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	100	510	-80.4%	0	0	0.0%	0	0	0.0%	100	510	-80.4%	
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEPOOL NEW HAMP 5MW D AH	U3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEPOOL RHD ISLD 5MW D AH	U4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEPOOL SE MASS 5MW D AH O	P5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEPOOL SE MASS 5MW D AH P	P4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEPOOL W CNT MASS 5MW D A	L9	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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	0.0%	
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	915	4,040	-77.4%	0	0	0.0%	0	0	0.0%	915	4,040	-77.4%	
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0	0	7,330	-100.0%	0	0	0.0%	0	0	0.0%	0	7,330	-100.0%	
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NGPL MIDCONTINENT SWING S	PX	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	13,056	-100.0%	0	0	0.0%	0	0	0.0%	0	13,056	-100.0%	
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	1,235	1,325	-6.8%	0	0	0.0%	0	0	0.0%	1,235	1,325	-6.8%	
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	87	-100.0%	0	0	0.0%	0	0	0.0%	0	87	-100.0%	
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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	0	0	20,617	-100.0%	0	0	0.0%	0	0	0.0%	0	20,617	-100.0%	
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	4,628	2,300	101.2%	0	0	0.0%	0	0	0.0%	4,628	2,300	101.2%	

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Energy Futures																		
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	0	120	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	875	75	1,066.7%	0	0	0.0%	0	0	0.0%	875	75	1,066.7%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	0	24	-100.0%	0	0	1,727	2,996	-42.4%	0	24	-100.0%	0	0	0.0%	1,727	2,996	-42.4%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	658	0	0.0%	0	0	0.0%	0	0	0.0%	658	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	3,350	6,248	-46.4%	0	0	0.0%	0	0	0.0%	3,350	6,248	-46.4%
NY HARBOR RESIDUAL FUEL C	ML	-	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	3,541	2,216	59.8%	0	0	0.0%	0	0	0.0%	3,541	2,216	59.8%
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	-	60	-	-	0	-	-	0	-	-	60	-	-
NYISO CAPACITY	NNC	0	0	0.0%	0	0	208	39	433.3%	0	0	0.0%	0	0	0.0%	208	39	433.3%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	84	129	-34.9%	0	0	0.0%	0	0	0.0%	84	129	-34.9%
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	0	0.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	9,360	0	0.0%	0	0	0.0%	0	0	0.0%	9,360	0	0.0%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	6,040	0	0.0%	0	0	0.0%	0	0	0.0%	6,040	0	0.0%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	71,960	0	0.0%	0	0	0.0%	0	0	0.0%	71,960	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	7,435	1,852	301.5%	0	0	0.0%	0	0	0.0%	7,435	1,852	301.5%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	200	650	-69.2%	0	0	0.0%	0	0	0.0%	200	650	-69.2%
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	5,455	875	523.4%	0	0	0.0%	0	0	0.0%	5,455	875	523.4%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	453	-100.0%	0	0	0.0%	0	0	0.0%	0	453	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	160	-100.0%	0	0	0.0%	0	0	0.0%	0	160	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	85	25	240.0%	0	0	0.0%	0	0	0.0%	85	25	240.0%

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 JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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																			
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	48	7,006	-99.3%	0	0	0.0%	0	0	0.0%	48	7,006	-99.3%
PANHANDLE INDEX SWAP FUT	IV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	XH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	0	6,377	-100.0%	0	0	0.0%	0	0	0.0%	0	6,377	-100.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	106	17	523.5%	0	0	0.0%	0	0	0.0%	106	17	523.5%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	229	67	241.8%	0	0	0.0%	0	0	0.0%	229	67	241.8%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	254	0	0.0%	0	0	0.0%	0	0	0.0%	254	0	0.0%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	290	68	326.5%	0	0	0.0%	0	0	0.0%	290	68	326.5%
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETROCHEMICALS	LPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAC	0	-	-	0	-	0	-	-	-	0	-	-	-	-	-	0	-	-
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	55	100	-45.0%	0	0	0.0%	0	0	0.0%	55	100	-45.0%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	1,590	1,200	32.5%	0	0	0.0%	0	0	0.0%	1,590	1,200	32.5%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	1,070	1,704	-37.2%	0	0	0.0%	0	0	0.0%	1,070	1,704	-37.2%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	105	1,050	-90.0%	0	0	0.0%	0	0	0.0%	105	1,050	-90.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	575	50	1,050.0%	0	0	0.0%	0	0	0.0%	575	50	1,050.0%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	3,811	1,790	112.9%	0	0	0.0%	0	0	0.0%	3,811	1,790	112.9%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	1,125	725	55.2%	0	0	0.0%	0	0	0.0%	1,125	725	55.2%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	950	0	0.0%	0	0	0.0%	0	0	0.0%	950	0	0.0%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	2,068	465	344.7%	0	0	0.0%	0	0	0.0%	2,068	465	344.7%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	18	-100.0%	0	0	0.0%	0	0	0.0%	0	18	-100.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	12,113	7,268	66.7%	0	0	0.0%	0	0	0.0%	12,113	7,268	66.7%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	2,574	4,012	-35.8%	0	0	0.0%	0	0	0.0%	2,574	4,012	-35.8%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	75	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	-	-
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	0	220	-100.0%	0	0	0.0%	0	0	0.0%	0	220	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	300	100	200.0%	0	0	0.0%	0	0	0.0%	300	100	200.0%
PETRO CRCKS & SPRDS NA	NYH	0	-	-	0	-	0	-	-	-	0	-	-	-	-	-	0	-	-

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Energy Futures																			
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	10,597	13,236	-19.9%	0	0	0.0%	0	0	0.0%	10,597	13,236	-19.9%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	15,971	4,835	230.3%	0	0	0.0%	0	0	0.0%	15,971	4,835	230.3%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	6	19	-68.4%	0	0	0.0%	0	0	0.0%	6	19	-68.4%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	2,021	3,577	-43.5%	0	0	0.0%	0	0	0.0%	2,021	3,577	-43.5%
PETRO CRK&SPRD EURO	1ND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	266	63	322.2%	0	0	0.0%	0	0	0.0%	266	63	322.2%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	2,990	2,885	3.6%	0	0	0.0%	0	0	0.0%	2,990	2,885	3.6%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	39	-100.0%	0	0	0.0%	0	0	0.0%	0	39	-100.0%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	414	123	236.6%	0	0	0.0%	0	0	0.0%	414	123	236.6%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	3,941	1,245	216.5%	0	0	0.0%	0	0	0.0%	3,941	1,245	216.5%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	150	460	-67.4%	0	0	0.0%	0	0	0.0%	150	460	-67.4%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	30	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%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	40	0	0.0%	0	0	0.0%	0	0	0.0%	40	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	124	173	-28.3%	0	0	0.0%	0	0	0.0%	124	173	-28.3%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	1,005	217	363.1%	0	0	0.0%	0	0	0.0%	1,005	217	363.1%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	125	25	400.0%	0	0	0.0%	0	0	0.0%	125	25	400.0%
PETRO CRK&SPRD EURO	SFC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D44	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D45	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D46	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
PETROLEUM PRODUCTS	D64	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D65	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	4,620	0	0.0%	0	0	0.0%	0	0	0.0%	4,620	0	0.0%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0	0	0	450	-100.0%	0	0	0.0%	0	0	0.0%	0	450	-100.0%
PETROLEUM PRODUCTS	MHE	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	310	-100.0%	0	0	0.0%	0	0	0.0%	0	310	-100.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	489	420	16.4%	0	0	0.0%	0	0	0.0%	489	420	16.4%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	15	22	-31.8%	0	0	0.0%	0	0	0.0%	15	22	-31.8%

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Energy Futures																			
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	1,617	1,159	39.5%	0	0	0.0%	0	0	0.0%	1,617	1,159	39.5%
PETROLEUM PRODUCTS ASIA	MSB	0	-	-	0	-	5	-	-	0	-	-	0	-	-	5	-	-	
PETRO OUTRIGHT EURO	0A	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	43	90	-52.2%	0	0	0.0%	0	0	0.0%	43	90	-52.2%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	3,345	3,969	-15.7%	0	0	0.0%	0	0	0.0%	3,345	3,969	-15.7%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	995	655	51.9%	0	0	0.0%	0	0	0.0%	995	655	51.9%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	965	974	-0.9%	0	0	0.0%	0	0	0.0%	965	974	-0.9%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	164	130	26.2%	0	0	0.0%	0	0	0.0%	164	130	26.2%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	140	112	25.0%	0	0	0.0%	0	0	0.0%	140	112	25.0%
PETRO OUTRIGHT EURO	6L	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	317	292	8.6%	0	0	0.0%	0	0	0.0%	317	292	8.6%
PETRO OUTRIGHT EURO	7P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	324	291	11.3%	0	0	0.0%	0	0	0.0%	324	291	11.3%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	CBB	0	-	-	0	-	5	-	-	0	-	-	0	-	-	5	-	-	
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	6	-100.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	593	70	747.1%	0	0	0.0%	0	0	0.0%	593	70	747.1%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	25	48	-47.9%	0	0	0.0%	0	0	0.0%	25	48	-47.9%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	95	65	46.2%	0	0	0.0%	0	0	0.0%	95	65	46.2%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	101	-100.0%	0	0	0.0%	0	0	0.0%	0	101	-100.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	837	87	862.1%	0	0	0.0%	0	0	0.0%	837	87	862.1%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	60	34	76.5%	0	0	0.0%	0	0	0.0%	60	34	76.5%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	520	789	-34.1%	0	0	0.0%	0	0	0.0%	520	789	-34.1%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	0	95	-100.0%	0	0	0.0%	0	0	0.0%	0	95	-100.0%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	375	0	0.0%	0	0	0.0%	0	0	0.0%	375	0	0.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
PETRO OUTRIGHT EURO	W0	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	Y0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Energy Futures																		
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	96	-100.0%	0	0	0.0%	0	0	0.0%	0	96	-100.0%
PETRO OUTRIGHT NA	FOB	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
PETRO OUTRIGHT NA	GBA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
PETRO OUTRIGHT NA	GUD	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	312	-100.0%	0	0	0.0%	0	0	0.0%	0	312	-100.0%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	6,426	1,050	512.0%	0	0	0.0%	0	0	0.0%	6,426	1,050	512.0%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	18	0	0.0%	0	0	0.0%	0	0	0.0%	18	0	0.0%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	962	912	5.5%	0	0	0.0%	0	0	0.0%	962	912	5.5%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	9,591	8,738	9.8%	0	0	0.0%	0	0	0.0%	9,591	8,738	9.8%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	166	-100.0%	0	0	0.0%	0	0	0.0%	0	166	-100.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	168	125	34.4%	0	0	0.0%	0	0	0.0%	168	125	34.4%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	243,025	103,320	135.2%	0	0	0.0%	0	0	0.0%	243,025	103,320	135.2%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	12,990	10,335	25.7%	0	0	0.0%	0	0	0.0%	12,990	10,335	25.7%
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%	0	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	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%	0	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0	38,590	0	0.0%	0	0	0.0%	0	0	0.0%	38,590	0	0.0%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0	2,125	0	0.0%	0	0	0.0%	0	0	0.0%	2,125	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0	148,335	0	0.0%	0	0	0.0%	0	0	0.0%	148,335	0	0.0%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	1,530	0	0.0%	0	0	0.0%	0	0	0.0%	1,530	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%
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	16,795	4,045	315.2%	0	0	0.0%	0	0	0.0%	16,795	4,045	315.2%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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 NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	686,590	154,020	345.8%	0	0	0.0%	0	0	0.0%	686,590	154,020	345.8%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	144,222	60,032	140.2%	0	0	0.0%	0	0	0.0%	144,222	60,032	140.2%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	7,675	1,866	311.3%	0	0	0.0%	0	0	0.0%	7,675	1,866	311.3%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CA	4N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PEP CO DA OFF-PEAK	Q8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	460	-100.0%	0	0	0.0%	0	0	0.0%	0	460	-100.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	293,040	314,264	-6.8%	0	0	0.0%	0	0	0.0%	293,040	314,264	-6.8%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	21,965	46,501	-52.8%	0	0	0.0%	0	0	0.0%	21,965	46,501	-52.8%
PLASTICS	PGP	0	0	0.0%	0	0	0	460	580	-20.7%	0	0	0.0%	0	0	0.0%	460	580	-20.7%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	109	416	-73.8%	0	0	0.0%	0	0	0.0%	109	416	-73.8%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	6	34	-82.4%	0	0	0.0%	0	0	0.0%	6	34	-82.4%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	1,804	774	133.1%	0	0	0.0%	0	0	0.0%	1,804	774	133.1%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	13,407	9,200	45.7%	0	0	0.0%	0	0	0.0%	13,407	9,200	45.7%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	11,260	5,998	87.7%	0	0	0.0%	0	0	0.0%	11,260	5,998	87.7%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	854	2,494	-65.8%	0	0	0.0%	0	0	0.0%	854	2,494	-65.8%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	1,415	0	0.0%	0	0	0.0%	0	0	0.0%	1,415	0	0.0%
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR S	RV	0	0	0.0%	0	0	0	0	7,438	-100.0%	0	0	0.0%	0	0	0.0%	0	7,438	-100.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	2,750	750	266.7%	0	0	0.0%	0	0	0.0%	2,750	750	266.7%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	4,100	-100.0%	0	0	0.0%	0	0	0.0%	0	4,100	-100.0%
SAN JUAN PIPE SWAP	XX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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 180CST BALMO	BS	0	0	0.0%	0	0	0	0	113	-100.0%	0	0	0.0%	0	0	0.0%	0	113	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	69	40	72.5%	0	0	0.0%	0	0	0.0%	69	40	72.5%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	17,472	6,110	186.0%	0	0	0.0%	0	0	0.0%	17,472	6,110	186.0%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	1,428	1,191	19.9%	0	0	0.0%	0	0	0.0%	1,428	1,191	19.9%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	1,206	218	453.2%	0	0	0.0%	0	0	0.0%	1,206	218	453.2%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	238	172	38.4%	0	0	0.0%	0	0	0.0%	238	172	38.4%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	4,599	3,142	46.4%	0	0	0.0%	0	0	0.0%	4,599	3,142	46.4%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	184	0	0.0%	0	0	0.0%	0	0	0.0%	184	0	0.0%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	10,887	2,345	364.3%	0	0	0.0%	0	0	0.0%	10,887	2,345	364.3%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	9,695	1,050	823.3%	0	0	0.0%	0	0	0.0%	9,695	1,050	823.3%
SINGAPORE JET KERO BALMO	BX	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 KERO GASOIL	RK	0	0	0.0%	0	0	0	3,690	700	427.1%	0	0	0.0%	0	0	0.0%	3,690	700	427.1%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	1,232	425	189.9%	0	0	0.0%	0	0	0.0%	1,232	425	189.9%
SINGAPORE JET KERO VS. GAS	Z0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	25	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	16,502	7,629	116.3%	0	0	0.0%	0	0	0.0%	16,502	7,629	116.3%
SINGAPORE NAPHTHA BALMO	KU	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
SINGAPORE NAPHTHA SWAP	SP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SING FUEL	MSD	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
SOCAL BASIS SWAP	NS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0	0	0	522	-100.0%	0	0	0.0%	0	0	0.0%	0	522	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	488	475	2.7%	0	0	0.0%	0	0	0.0%	488	475	2.7%
SUMAS NAT GAS PLATTS FIXE	DVS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	151	8,570	-98.2%	0	0	0.0%	0	0	0.0%	151	8,570	-98.2%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Commodity Indicator	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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																			
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0	0	0	428	-100.0%	0	0	0.0%	0	0	0.0%	0	428	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Tetco ELA Basis	TE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TETCO M-3 INDEX	IX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Tetco STX Basis	TX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	6,691	9,830	-31.9%	0	0	0.0%	0	0	0.0%	6,691	9,830	-31.9%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 1 NG BASIS	8E	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0	0	0	428	-100.0%	0	0	0.0%	0	0	0.0%	0	428	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	3,990	2,715	47.0%	0	0	0.0%	0	0	0.0%	3,990	2,715	47.0%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	2,140	1,057	102.5%	0	0	0.0%	0	0	0.0%	2,140	1,057	102.5%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	0	604	-100.0%	0	0	0.0%	0	0	0.0%	0	604	-100.0%	
TRANSCO ZONE 6 PIPE SWAP	XZ4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	0	0	20	15	33.3%	0	0	0.0%	0	0	0.0%	20	15	33.3%
ULSD 10PPM CIF MED BALMO	X7	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	0	-	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	0	22	-100.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0	0	0	35	-100.0%	0	0	0.0%	0	0	0.0%	0	35	-100.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	7,605	1,535	395.4%	0	0	0.0%	0	0	0.0%	7,605	1,535	395.4%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	56,172	56,027	0.3%	0	0	0.0%	0	0	0.0%	56,172	56,027	0.3%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
VENTURA NAT GAS PLATTS FIX	DVA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WAHA BASIS	NW	0	0	0.0%	0	0	0	731	3,188	-77.1%	0	0	0.0%	0	0	0.0%	731	3,188	-77.1%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	195	1,100	-82.3%	0	0	0.0%	0	0	0.0%	195	1,100	-82.3%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	204	0	0.0%	0	0	0.0%	0	0	0.0%	204	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	15,339	11,709	31.0%	0	0	0.0%	0	0	0.0%	15,339	11,709	31.0%
WTI CALENDAR	CS	0	18	-100.0%	0	0	0	40,457	30,054	34.6%	0	18	-100.0%	0	0	0.0%	40,457	30,054	34.6%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	5,154	1,615	219.1%	0	0	0.0%	0	0	0.0%	5,154	1,615	219.1%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	1,550	1,125	37.8%	0	0	0.0%	0	0	0.0%	1,550	1,125	37.8%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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																			
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	30	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%	
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	848	6.0%	0	0	0.0%	0	0	0.0%	848	800	6.0%	
BRENT OIL LAST DAY	BZO	0	0	0.0%	4,954	0	0	9,585	6,250	53.4%	0	0	0.0%	4,954	0	0.0%	9,585	6,250	53.4%
BRENT OIL LAST DAY	OS	0	152	-100.0%	48	0	0	4,079	-100.0%	0	152	-100.0%	48	0	0.0%	0	4,079	-100.0%	
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	1,325	9,275	-85.7%	0	0	0.0%	0	0	0.0%	1,325	9,275	-85.7%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	20	23,250	-99.9%	0	0	0.0%	0	0	0.0%	20	23,250	-99.9%
COAL API2 INDEX	MTC	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	80	200	-60.0%	0	0	0.0%	0	0	0.0%	80	200	-60.0%
COAL SWAP	RPF	0	0	0.0%	0	0	0	40	0	0.0%	0	0	0.0%	0	0	0.0%	40	0	0.0%
CRUDE OIL 1MO	WA	0	0	0.0%	10,332	6,552	0.58	192,750	208,800	-7.7%	0	0	0.0%	10,332	6,552	57.7%	192,750	208,800	-7.7%
CRUDE OIL APO	AO	0	94	-100.0%	0	0	0	34,153	8,957	281.3%	0	94	-100.0%	0	0	0.0%	34,153	8,957	281.3%
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	150	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	1,400	2,200	-36.4%	0	0	0.0%	0	0	0.0%	1,400	2,200	-36.4%
CRUDE OIL PHY	LC	0	2,006	-100.0%	0	0	0	15,940	68,923	-76.9%	0	2,006	-100.0%	0	0	0.0%	15,940	68,923	-76.9%
CRUDE OIL PHY	LO	0	49,822	-100.0%	2,434,174	3,186,683	-0.24	612,065	1,152,983	-46.9%	0	49,822	-100.0%	2,434,174	3,186,683	-23.6%	612,065	1,152,983	-46.9%
CRUDE OIL PHY	LO1	0	0	0.0%	5,818	3,019	0.93	0	0	0.0%	0	0	0.0%	5,818	3,019	92.7%	0	0	0.0%
CRUDE OIL PHY	LO2	0	0	0.0%	4,274	2,802	0.53	0	0	0.0%	0	0	0.0%	4,274	2,802	52.5%	0	0	0.0%
CRUDE OIL PHY	LO3	0	0	0.0%	4,801	2,551	0.88	0	0	0.0%	0	0	0.0%	4,801	2,551	88.2%	0	0	0.0%
CRUDE OIL PHY	LO4	0	0	0.0%	6,414	4,803	0.34	0	0	0.0%	0	0	0.0%	6,414	4,803	33.5%	0	0	0.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	6,885	-1	0	0	0.0%	0	0	0.0%	0	6,885	-100.0%	0	0	0.0%
DAILY CRUDE OIL	DNM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	PML	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	N9P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHANOL	CE1	0	-	-	0	-	0	15	-	-	0	-	0	-	-	-	15	-	-
ETHANOL	CE3	0	-	-	0	-	0	0	-	-	0	-	0	-	-	-	0	-	-
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	7,040	6,372	10.5%	0	0	0.0%	0	0	0.0%	7,040	6,372	10.5%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	218	-100.0%	0	0	0.0%	0	0	0.0%	0	218	-100.0%

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Commodity Indicator	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 2016	% CHG	CME ClearPort JAN 2017	CME ClearPort JAN 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																			
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	-	-	-
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	0	0.0%
HEATING OIL CRK SPD AVG PR	3W	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
HEATING OIL PHY	LB	0	40	-100.0%	0	0	0	10	-100.0%	0	40	-100.0%	0	0	0.0%	0	10	-100.0%	
HEATING OIL PHY	OH	0	1,175	-100.0%	4,524	6,452	-0.3	18,389	59,796	-69.2%	0	1,175	-100.0%	4,524	6,452	-29.9%	18,389	59,796	-69.2%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	3,934	1,222	221.9%	0	0	0.0%	0	0	0.0%	3,934	1,222	221.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	4,000	-100.0%	0	0	0.0%	0	0	0.0%	0	4,000	-100.0%	
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS	G10	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
NATURAL GAS 12 M CSO FIN	G7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	0	200	-100.0%	0	0	0	27,500	16,980	62.0%	0	200	-100.0%	0	0	0.0%	27,500	16,980	62.0%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	500	0	0.0%	0	0	0.0%	0	0	0.0%	500	0	0.0%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	925	3,570	-74.1%	0	0	0.0%	0	0	0.0%	925	3,570	-74.1%
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%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	5,950	200	2,875.0%	0	0	0.0%	0	0	0.0%	5,950	200	2,875.0%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	400	7,140	-94.4%	0	0	0.0%	0	0	0.0%	400	7,140	-94.4%
NATURAL GAS PHY	KD	0	0	0.0%	20	0	0	22,290	29,251	-23.8%	0	0	0.0%	20	0	0.0%	22,290	29,251	-23.8%
NATURAL GAS PHY	LN	0	4,614	-100.0%	735,948	132,513	4.55	1,898,603	1,787,414	6.2%	0	4,614	-100.0%	735,948	132,513	455.4%	1,898,603	1,787,414	6.2%
NATURAL GAS PHY	ON	0	1,986	-100.0%	256,369	294,889	-0.13	15,461	9,725	59.0%	0	1,986	-100.0%	256,369	294,889	-13.1%	15,461	9,725	59.0%
NATURAL GAS PHY	ON1	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
NATURAL GAS PHY	ON5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NG HH 3 MONTH CAL	IC	0	250	-100.0%	0	0	0	0	0	0.0%	0	250	-100.0%	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	0	335	-100.0%	36	0	0	4,229	12,146	-65.2%	0	335	-100.0%	36	0	0.0%	4,229	12,146	-65.2%
NYISO ZONE G 5MW PEAK OPT	9U	0	0	0.0%	0	0	0	11,230	0	0.0%	0	0	0.0%	0	0	0.0%	11,230	0	0.0%
NYMEX EUROPEAN GASOIL AP	F7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL OP	F8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	4H	0	0	0.0%	0	0	0	275	1,770	-84.5%	0	0	0.0%	0	0	0.0%	275	1,770	-84.5%

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Energy Options																		
PETROCHEMICALS 4I	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS 4J	0	0	0.0%	0	0	0	1,825	0	0.0%	0	0	0.0%	0	0	0.0%	1,825	0	0.0%
PETROCHEMICALS 4K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS CPR	0	0	0.0%	0	0	0	0	495	-100.0%	0	0	0.0%	0	0	0.0%	0	495	-100.0%
PETRO OUTRIGHT EURO 8H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	1,240	0	0.0%	0	0	0.0%	0	0	0.0%	1,240	0	0.0%
PJM WES HUB PEAK CAL MTH JOA	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
PJM WES HUB PEAK LMP 50MW PMA	0	-	-	0	-	-	1,322	-	-	0	-	-	0	-	-	1,322	-	-
RBOB 1MO CAL SPD OPTIONS ZA	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
RBOB CALENDAR SWAP RA	0	48	-100.0%	0	0	0	1,160	0	0.0%	0	48	-100.0%	0	0	0.0%	1,160	0	0.0%
RBOB PHY OB	0	1,549	-100.0%	4,625	6,416	-0.28	11,531	31,777	-63.7%	0	1,549	-100.0%	4,625	6,416	-27.9%	11,531	31,777	-63.7%
RBOB PHY RF	0	0	0.0%	0	0	0	40	20	100.0%	0	0	0.0%	0	0	0.0%	40	20	100.0%
ROTTERDAM 3.5%FUEL OIL CL Q6	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%
SAN JUAN PIPE SWAP PJ	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 U11	0	0	0.0%	0	0	0	770	490	57.1%	0	0	0.0%	0	0	0.0%	770	490	57.1%
SHORT TERM U12	0	0	0.0%	0	0	0	595	775	-23.2%	0	0	0.0%	0	0	0.0%	595	775	-23.2%
SHORT TERM U13	0	0	0.0%	0	0	0	200	1,500	-86.7%	0	0	0.0%	0	0	0.0%	200	1,500	-86.7%
SHORT TERM U14	0	0	0.0%	0	0	0	0	1,075	-100.0%	0	0	0.0%	0	0	0.0%	0	1,075	-100.0%
SHORT TERM U15	0	0	0.0%	0	0	0	0	850	-100.0%	0	0	0.0%	0	0	0.0%	0	850	-100.0%
SHORT TERM U22	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%
SHORT TERM U23	0	0	0.0%	0	0	0	370	0	0.0%	0	0	0.0%	0	0	0.0%	370	0	0.0%
SHORT TERM U24	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%
SHORT TERM U25	0	0	0.0%	0	0	0	100	205	-51.2%	0	0	0.0%	0	0	0.0%	100	205	-51.2%
SHORT TERM U26	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 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	300	700	-57.1%	0	0	0.0%	0	0	0.0%	300	700	-57.1%
SHORT TERM NATURAL GAS U02	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 NATURAL GAS U03	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 NATURAL GAS U04	0	0	0.0%	0	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
SHORT TERM NATURAL GAS U05	0	0	0.0%	0	0	0	50	250	-80.0%	0	0	0.0%	0	0	0.0%	50	250	-80.0%

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Energy Options																		
SHORT TERM NATURAL GAS U06	0	0	0.0%	0	0	0	350	730	-52.1%	0	0	0.0%	0	0	0.0%	350	730	-52.1%
SHORT TERM NATURAL GAS U07	0	0	0.0%	0	0	0	0	2,000	-100.0%	0	0	0.0%	0	0	0.0%	0	2,000	-100.0%
SHORT TERM NATURAL GAS U08	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS U09	0	0	0.0%	0	0	0	225	0	0.0%	0	0	0.0%	0	0	0.0%	225	0	0.0%
SHORT TERM NATURAL GAS U10	0	0	0.0%	0	0	0	1,600	0	0.0%	0	0	0.0%	0	0	0.0%	1,600	0	0.0%
SHORT TERM NATURAL GAS U16	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 NATURAL GAS U17	0	0	0.0%	0	0	0	905	0	0.0%	0	0	0.0%	0	0	0.0%	905	0	0.0%
SHORT TERM NATURAL GAS U18	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 NATURAL GAS U19	0	0	0.0%	0	0	0	805	400	101.3%	0	0	0.0%	0	0	0.0%	805	400	101.3%
SHORT TERM NATURAL GAS U20	0	0	0.0%	0	0	0	1,375	530	159.4%	0	0	0.0%	0	0	0.0%	1,375	530	159.4%
SHORT TERM NATURAL GAS U21	0	0	0.0%	0	0	0	0	325	-100.0%	0	0	0.0%	0	0	0.0%	0	325	-100.0%
SHORT TERM NATURAL GAS U27	0	0	0.0%	0	0	0	750	0	0.0%	0	0	0.0%	0	0	0.0%	750	0	0.0%
SHORT TERM NATURAL GAS U28	0	0	0.0%	0	0	0	0	725	-100.0%	0	0	0.0%	0	0	0.0%	0	725	-100.0%
SHORT TERM NATURAL GAS U29	0	0	0.0%	0	0	0	0	1,325	-100.0%	0	0	0.0%	0	0	0.0%	0	1,325	-100.0%
SHORT TERM NATURAL GAS U30	0	0	0.0%	0	0	0	410	0	0.0%	0	0	0.0%	0	0	0.0%	410	0	0.0%
SHORT TERM NATURAL GAS U31	0	0	0.0%	0	0	0	430	0	0.0%	0	0	0.0%	0	0	0.0%	430	0	0.0%
SINGAPORE FUEL OIL 180 CS C5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL CALEND M2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEND N2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP ZN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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%
WTI-BRENT BULLET SWAP BV	0	0	0.0%	1,870	0	0	86,470	46,815	84.7%	0	0	0.0%	1,870	0	0.0%	86,470	46,815	84.7%
WTI CRUDE OIL 1 M CSO FI 7A	0	0	0.0%	0	417	-1	52,300	227,555	-77.0%	0	0	0.0%	0	417	-100.0%	52,300	227,555	-77.0%

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Metals Futures																			
COMEX GOLD	GC	0	10,668	-100.0%	5,793,235	3,869,977	0.5	185,531	128,068	44.9%	0	10,668	-100.0%	5,793,235	3,869,977	49.7%	185,531	128,068	44.9%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	143	303	-0.53	5,358	2,755	94.5%	0	0	0.0%	143	303	-52.8%	5,358	2,755	94.5%
NYMEX PLATINUM	PL	0	0	0.0%	334,402	267,498	0.25	11,217	6,906	62.4%	0	0	0.0%	334,402	267,498	25.0%	11,217	6,906	62.4%
PALLADIUM	PA	0	0	0.0%	106,688	84,984	0.26	5,271	2,693	95.7%	0	0	0.0%	106,688	84,984	25.5%	5,271	2,693	95.7%
URANIUM	UX	0	0	0.0%	10	0	0	360	400	-10.0%	0	0	0.0%	10	0	0.0%	360	400	-10.0%
COMEX SILVER	SI	0	815	-100.0%	1,379,058	932,841	0.48	34,990	9,783	257.7%	0	815	-100.0%	1,379,058	932,841	47.8%	34,990	9,783	257.7%
COMEX E-Mini GOLD	QO	0	0	0.0%	12,172	7,108	0.71	0	0	0.0%	0	0	0.0%	12,172	7,108	71.2%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	890	539	0.65	0	0	0.0%	0	0	0.0%	890	539	65.1%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,658,360	1,305,641	0.27	38,899	1,541	2,424.3%	0	0	0.0%	1,658,360	1,305,641	27.0%	38,899	1,541	2,424.3%
COMEX MINY COPPER	QC	0	0	0.0%	603	433	0.39	0	0	0.0%	0	0	0.0%	603	433	39.3%	0	0	0.0%
Aluminium MW Trans Prem Platts	AUP	0	0	0.0%	514	294	0.75	16,315	6,982	133.7%	0	0	0.0%	514	294	74.8%	16,315	6,982	133.7%
ALUMINUM	A38	0	-	-	0	-	0	0	-	0.0%	0	-	-	0	-	-	0	-	-
ALUMINUM	AEP	0	0	0.0%	0	216	-1	6,770	468	1,346.6%	0	0	0.0%	0	216	-100.0%	6,770	468	1,346.6%
ALUMINUM	ALA	0	-	-	0	-	0	0	-	0.0%	0	-	-	0	-	-	0	-	-
ALUMINUM	ALI	0	0	0.0%	1,460	219	5.67	274	0	0.0%	0	0	0.0%	1,460	219	566.7%	274	0	0.0%
ALUMINUM	EDP	0	-	-	2	-	0	0	-	0.0%	0	-	-	2	-	-	0	-	-
ALUMINUM	MJP	0	0	0.0%	0	311	-1	2,554	1,222	109.0%	0	0	0.0%	0	311	-100.0%	2,554	1,222	109.0%
COPPER	HGS	0	0	0.0%	0	0	0	60	427	-85.9%	0	0	0.0%	0	0	0.0%	60	427	-85.9%
E-MICRO GOLD	MGC	0	0	0.0%	76,748	54,153	0.42	0	0	0.0%	0	0	0.0%	76,748	54,153	41.7%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	SSF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	GPS	0	-	-	0	-	0	0	-	0.0%	0	-	-	0	-	-	0	-	-
Gold Kilo	GCK	0	0	0.0%	786	6,406	-0.88	0	0	0.0%	0	0	0.0%	786	6,406	-87.7%	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%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	40	0	0.0%	0	0	0.0%	0	0	0.0%	40	0	0.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	388	390	-0.01	10,249	29,057	-64.7%	0	0	0.0%	388	390	-0.5%	10,249	29,057	-64.7%
LNDN ZINC	ZNC	0	0	0.0%	5	44	-0.89	0	0	0.0%	0	0	0.0%	5	44	-88.6%	0	0	0.0%
METALS	LED	0	-	-	0	-	0	0	-	0.0%	0	-	-	0	-	-	0	-	-
SILVER	SIL	0	0	0.0%	5,802	5,977	-0.03	0	0	0.0%	0	0	0.0%	5,802	5,977	-2.9%	0	0	0.0%



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Metals Options																			
COMEX COPPER	HX	0	150	-100.0%	2,248	1,281	0.75	1,905	246	674.4%	0	150	-100.0%	2,248	1,281	75.5%	1,905	246	674.4%
COMEX GOLD	OG	0	80,157	-100.0%	547,776	504,019	0.09	149,987	137,599	9.0%	0	80,157	-100.0%	547,776	504,019	8.7%	149,987	137,599	9.0%
COMEX SILVER	SO	0	5,338	-100.0%	84,108	65,718	0.28	10,334	2,035	407.8%	0	5,338	-100.0%	84,108	65,718	28.0%	10,334	2,035	407.8%
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%	1,556	563	1.76	0	100	-100.0%	0	0	0.0%	1,556	563	176.4%	0	100	-100.0%
GOLD	OG2	0	0	0.0%	1,872	377	3.97	200	200	0.0%	0	0	0.0%	1,872	377	396.6%	200	200	0.0%
GOLD	OG3	0	0	0.0%	1,439	636	1.26	300	0	0.0%	0	0	0.0%	1,439	636	126.3%	300	0	0.0%
GOLD	OG4	0	0	0.0%	201	471	-0.57	0	0	0.0%	0	0	0.0%	201	471	-57.3%	0	0	0.0%
GOLD	OG5	0	200	-100.0%	0	456	-1	0	100	-100.0%	0	200	-100.0%	0	456	-100.0%	0	100	-100.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	872	3,880	-77.5%	0	0	0.0%	0	0	0.0%	872	3,880	-77.5%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	1,965	4,470	-56.0%	0	0	0.0%	0	0	0.0%	1,965	4,470	-56.0%
NYMEX PLATINUM	PO	0	105	-100.0%	719	338	1.13	3,709	5,575	-33.5%	0	105	-100.0%	719	338	112.7%	3,709	5,575	-33.5%
PALLADIUM	PAO	0	31	-100.0%	1,063	144	6.38	3,625	1,875	93.3%	0	31	-100.0%	1,063	144	638.2%	3,625	1,875	93.3%
SILVER	SO1	0	0	0.0%	11	0	0	0	0	0.0%	0	0	0.0%	11	0	0.0%	0	0	0.0%
SILVER	SO2	0	0	0.0%	11	0	0	0	0	0.0%	0	0	0.0%	11	0	0.0%	0	0	0.0%
SILVER	SO3	0	0	0.0%	21	0	0	0	0	0.0%	0	0	0.0%	21	0	0.0%	0	0	0.0%
SILVER	SO4	0	0	0.0%	2	0	0	0	0	0.0%	0	0	0.0%	2	0	0.0%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	5	-1	0	0	0.0%	0	0	0.0%	0	5	-100.0%	0	0	0.0%
TOTAL FUTURES GROUP																			
Commodities and Alternative Investments Future		0	0	0.0%	21	502	-95.8%	0	0	0.0%	0	0	0.0%	21	502	-95.8%	0	0	0.0%
Energy Futures		0	6,730	-100.0%	39,209,905	37,120,627	5.6%	5,010,090	4,461,444	12.3%	0	6,730	-100.0%	39,209,905	37,120,627	5.6%	5,010,090	4,461,444	12.3%
Metals Futures		0	11,483	-100.0%	9,371,266	6,537,334	43.3%	317,888	190,302	67.0%	0	11,483	-100.0%	9,371,266	6,537,334	43.3%	317,888	190,302	67.0%
TOTAL FUTURES		0	18,213	-100.0%	48,581,192	43,658,463	11.3%	5,327,978	4,651,746	14.5%	0	18,213	-100.0%	48,581,192	43,658,463	11.3%	5,327,978	4,651,746	14.5%
TOTAL OPTIONS GROUP																			
Energy Options		0	62,271	-100.0%	3,474,207	3,653,982	-4.9%	3,050,495	3,745,143	-18.5%	0	62,271	-100.0%	3,474,207	3,653,982	-4.9%	3,050,495	3,745,143	-18.5%
Metals Options		0	85,981	-100.0%	641,027	574,008	11.7%	172,897	156,080	10.8%	0	85,981	-100.0%	641,027	574,008	11.7%	172,897	156,080	10.8%
TOTAL OPTIONS		0	148,252	-100.0%	4,115,234	4,227,990	-2.7%	3,223,392	3,901,223	-17.4%	0	148,252	-100.0%	4,115,234	4,227,990	-2.7%	3,223,392	3,901,223	-17.4%

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TOTAL COMBINED																		
Commodities and Alternative Investments	0	0	0.0%	21	502	-95.8%	0	0	0.0%	0	0	0.0%	21	502	-95.8%	0	0	0.0%
Energy	0	69,001	-100.0%	42,684,112	40,774,609	4.7%	8,060,585	8,206,587	-1.8%	0	69,001	-100.0%	42,684,112	40,774,609	4.7%	8,060,585	8,206,587	-1.8%
Metals	0	97,464	-100.0%	10,012,293	7,111,342	40.8%	490,785	346,382	41.7%	0	97,464	-100.0%	10,012,293	7,111,342	40.8%	490,785	346,382	41.7%
GRAND TOTAL	0	166,465	-100.0%	52,696,426	47,886,453	10.0%	8,551,370	8,552,969	0.0%	0	166,465	-100.0%	52,696,426	47,886,453	10.0%	8,551,370	8,552,969	0.0%

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