

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Ag Products Futures																			
COCOA TAS	CJ	0	0	0.0%	0	2	-1	0	0	0.0%	0	0	0.0%	5	83	-94.0%	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	40	-100.0%	0	0	0.0%
COTTON	TT	0	0	0.0%	9	1	8	0	0	0.0%	0	0	0.0%	13	16	-18.8%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	0	2	-1	0	0	0.0%	0	0	0.0%	58	42	38.1%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	0	0.0%	20,730,513	27,030,260	-0.23	382,595	540,552	-29.2%	0	0	0.0%	227,520,577	232,153,364	-2.0%	4,106,272	5,024,046	-18.3%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	7,750	-100.0%	0	0	0.0%	89	204	-56.4%	15,550	52,233	-70.2%
MINY WTI CRUDE OIL	QM	0	0	0.0%	298,906	245,647	0.22	0	0	0.0%	0	0	0.0%	2,989,238	2,365,139	26.4%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,525,993	1,592,290	-0.04	37,572	23,078	62.8%	0	0	0.0%	15,291,343	17,338,628	-11.8%	333,467	195,305	70.7%
HEATING OIL PHY	HO	0	0	0.0%	3,276,986	3,350,745	-0.02	163,141	227,147	-28.2%	0	0	0.0%	32,883,814	30,549,453	7.6%	1,672,176	2,143,438	-22.0%
HTG OIL	BH	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	84	-100.0%	84	184	-54.3%
MINY HTG OIL	QH	0	0	0.0%	7	4	0.75	0	0	0.0%	0	0	0.0%	36	25	44.0%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	3,707,112	3,872,264	-0.04	193,864	266,844	-27.3%	0	0	0.0%	35,673,959	36,343,131	-1.8%	1,955,185	2,747,416	-28.8%
MINY RBOB GAS	QU	0	0	0.0%	5	4	0.25	0	0	0.0%	0	0	0.0%	33	39	-15.4%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	73,666	31,882	1.31	56,246	79,766	-29.5%	0	0	0.0%	439,470	319,535	37.5%	580,478	957,958	-39.4%
LTD NAT GAS	HH	0	0	0.0%	188,472	137,908	0.37	197,207	154,955	27.3%	0	0	0.0%	1,810,102	1,108,365	63.3%	1,277,278	1,536,117	-16.9%
MINY NATURAL GAS	QG	0	0	0.0%	24,447	17,406	0.4	0	0	0.0%	0	0	0.0%	227,566	218,745	4.0%	36	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%	0	120	-100.0%
NATURAL GAS PHY	NG	0	0	0.0%	9,438,851	8,199,047	0.15	337,726	299,745	12.7%	0	0	0.0%	77,419,265	74,691,591	3.7%	2,502,302	2,609,827	-4.1%
RBOB GAS	RT	0	0	0.0%	0	0	0	0	3,341	-100.0%	0	0	0.0%	0	0	0.0%	14,374	22,504	-36.1%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	60	30	100.0%	0	0	0.0%	0	0	0.0%	572	917	-37.6%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	95	175	-45.7%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
APPALACHIAN COAL (PHY)	QL	-	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	12,328	22,481	-45.2%	0	0	0.0%	30	60	-50.0%	199,409	81,567	144.5%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	6,308	3,275	92.6%	0	0	0.0%	0	0	0.0%	52,095	21,329	144.2%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	4,662	1,272	266.5%	0	0	0.0%	0	0	0.0%	25,216	9,196	174.2%
AUSTRIALIAN COKE COAL	ACT	0	-	-	0	-	-	0	-	-	0	-	0	-	-	-	20	-	-
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,003	-100.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	100	100	0.0%	0	0	0.0%	0	0	0.0%	285	578	-50.7%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	2,810	2,127	32.1%	0	0	0.0%	0	0	0.0%	30,799	25,949	18.7%
BRENT CFD SWAP	6W	0	-	-	0	-	-	0	-	-	0	-	0	-	-	-	300	-	-
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	2,000	0	0.0%	0	0	0.0%	0	0	0.0%	16,264	41,011	-60.3%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	127	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	78	-100.0%	0	0	0.0%	0	0	0.0%	224	278	-19.4%
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	0	0.0%	0	0	0.0%	0	0	0.0%	0	7,940	-100.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	0	45	-100.0%	0	0	0.0%	0	0	0.0%	0	7,314	-100.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	36	534	-93.3%
CENTERPOINT EAST INDEX	II	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CEU ENERGY	DEB	0	-	-	111	-	-	0	-	-	0	-	3,102	-	-	-	0	-	-
CEU ENERGY	TTF	0	-	-	6,557	-	-	0	-	-	0	-	14,144	-	-	-	10	-	-
CEU ENERGY	UKG	0	-	-	5,342	-	-	0	-	-	0	-	45,904	-	-	-	150	-	-
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	29	299	-0.9	85,699	91,847	-6.7%	0	0	0.0%	1,930	2,236	-13.7%	887,665	1,003,616	-11.6%
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	630	207	204.3%	0	0	0.0%	0	0	0.0%	3,750	1,438	160.8%
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%	950	0	0.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	196	726	-73.0%
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%	0	720	-100.0%
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	47,400	-100.0%	0	0	0.0%	0	0	0.0%	0	326,080	-100.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	982	2,963	-66.9%	0	0	0.0%	0	0	0.0%	10,992	17,185	-36.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	397,000	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	1,275	440	189.8%	0	0	0.0%	0	0	0.0%	1,505	25,415	-94.1%
COAL SWAP	ACM	0	0	0.0%	0	0	0	45	275	-83.6%	0	0	0.0%	0	0	0.0%	510	1,495	-65.9%

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Energy Futures																			
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	999	-100.0%	
COLUMBIA GULF MAIN NAT G	L2	-	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	-100.0%	
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	127	74.0%	0	0	0.0%	0	0	0.0%	1,624	2,567	-36.7%	
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	135	-79.6%	0	0	0.0%	0	0	0.0%	2,671	7,360	-63.7%	
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	7	-1	13,861	31.6%	0	0	0.0%	32	51	-37.3%	144,373	81,080	78.1%	
CRUDE OIL	CHB	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL	LPS	0	0	0.0%	0	0	0	4,080	25.7%	0	0	0.0%	0	203	-100.0%	41,935	34,543	21.4%	
CRUDE OIL OUTRIGHTS	37	-	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	367	-76.7%	0	0	0.0%	0	0	0.0%	2,262	5,647	-59.9%	
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	90	0.0%	0	0	0.0%	0	0	0.0%	90	600	-85.0%	
CRUDE OIL OUTRIGHTS	CPD	0	-	-	0	-	0	0	-	0	-	-	0	-	-	2,956	-	-	
CRUDE OIL OUTRIGHTS	CSN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%	
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	720	300.0%	0	0	0.0%	0	0	0.0%	2,285	2,200	3.9%	
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	99	1,625	-93.9%	
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	330	-100.0%	
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	105	110	-4.5%	
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	29,964	-5.7%	0	0	0.0%	0	0	0.0%	437,532	122,770	256.4%	
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	320	1,335	-76.0%	
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	870	-100.0%	
CRUDE OIL OUTRIGHTS	UMD	0	-	-	0	-	0	0	-	0	-	-	0	-	-	4,800	-	-	
CRUDE OIL OUTRIGHTS	UNS	0	-	-	0	-	0	0	-	0	-	-	0	-	-	7,554	-	-	
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	24,737	-100.0%	
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	4,051	-36.7%	0	0	0.0%	0	0	0.0%	60,361	47,415	27.3%	
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
CRUDE OIL SPRDS	38	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,055	0	0.0%	
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	29,978	178.9%	0	0	0.0%	0	50	-100.0%	396,122	62,584	532.9%	
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	AOR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	IDO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	NOC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PAP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PEO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	

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Energy Futures																		
DAILY PJM	PNO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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%
DAILY PJM	ZGO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	7G	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,400	-100.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	75	2,000	-96.3%	0	0	0.0%	0	0	0.0%	3,210	13,550	-76.3%
DEMARC INDEX FUTURE	DI	-	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	0.0%	-	0	0.0%	-	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%	5	0	0.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
DLY GAS EURO-BOB OXY	GBR	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	126	48,516	-99.7%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	125	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	22,230	0	0.0%	0	0	0.0%	0	0	0.0%	37,132	72,824	-49.0%
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%	0	1,500	-100.0%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	245	4,735	-94.8%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	187	1,255	-85.1%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	863	953	-9.4%	0	0	0.0%	0	0	0.0%	2,549	7,167	-64.4%
ELEC ERCOT DLY OFF PK	I4	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
ELEC ERCOT DLY OFF PK	R4	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC ERCOT DLY PEAK	I3	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%
ELEC ERCOT DLY PEAK	R1	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC ERCOT OFF PEAK	I2	0	-	-	0	-	0	-	-	0	-	-	0	-	-	19,600	-	-
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	3,825	-100.0%
ELEC MISO PEAK	55	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
ELEC NYISO OFF-PEAK	4M	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	70,200	-100.0%	
ELEC NYISO OFF-PEAK	58	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELECTRICITY ERCOT PEAK	ERE	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	690	-100.0%	
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%	
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELEC WEST POWER PEAK	MDC	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,540	-100.0%	
EL PASO PERMIAN INDEX SWA	IL	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
ERCOT DAILY 5MW PEAK	ERW	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ERCOT HOUSTON Z MCPE 5M	I1	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,950	3,880	-49.7%	
ERCOT NORTH ZMCPE 5MW OF	I8	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ERCOT NORTH ZMCPE 5MW OF	I6	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	19,600	35,920	-45.4%	
ERCOT NORTH ZMCPE 5MW PE	I5	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,050	4,710	7.2%	
ETHANOL SWAP	MT2	0	-	0	-	0	60	-	-	0	-	-	0	-	-	330	-	-	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0.0%	0	0	0	2,912	3,392	-14.2%	0	0	0.0%	0	0	0.0%	26,355	33,699	-21.8%	
EURO 1% FUEL OIL NEW BALM	KX	0	0.0%	0	0	0	8	0	0.0%	0	0	0.0%	0	0	0.0%	33	18	83.3%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0.0%	0	0	0	110	279	-60.6%	0	0	0.0%	0	0	0.0%	5,277	3,895	35.5%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	834	4,286	-80.5%	
EURO-DENOMINATED PETRO P	NCP	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	640	1,514	-57.7%	
EURO GASOIL 10 CAL SWAP	GT	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
EURO GASOIL 10PPM VS ICE	ET	0	0.0%	0	0	0	0	81	-100.0%	0	0	0.0%	0	0	0.0%	370	425	-12.9%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0.0%	0	0	0	0	6	-100.0%	0	0	0.0%	0	0	0.0%	366	689	-46.9%	
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%	3	39	-92.3%	
EUROPE 3.5% FUEL OIL MED	UI	0	0.0%	0	0	0	60	39	53.8%	0	0	0.0%	0	0	0.0%	828	1,213	-31.7%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0.0%	0	0	0	2,176	4,029	-46.0%	0	0	0.0%	0	0	0.0%	70,557	64,309	9.7%	
EUROPEAN GASOIL (ICE)	7F	0	0.0%	670	901	-0.26	0	0	0.0%	0	0	0.0%	4,321	28,409	-84.8%	0	58	-100.0%	
EUROPEAN NAPHTHA BALMO	KZ	0	0.0%	0	0	0	119	264	-54.9%	0	0	0.0%	0	0	0.0%	2,408	3,334	-27.8%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0.0%	0	0	0	6,419	6,136	4.6%	0	0	0.0%	0	0	0.0%	78,910	63,749	23.8%	
EUROPE DATED BRENT SWAP	UB	0	0.0%	0	0	0	1,090	600	81.7%	0	0	0.0%	0	0	0.0%	1,090	2,540	-57.1%	
EUROPE JET KERO NWE CALS	UJ	0	0.0%	0	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	39	105	-62.9%	
EUROPE NAPHTHA CALSWAP	UN	0	0.0%	0	0	0	2,979	2,171	37.2%	0	0	0.0%	0	0	0.0%	30,288	25,471	18.9%	
EURO PROPANE CIF ARA SWA	PS	0	0.0%	0	0	0	1,393	1,562	-10.8%	0	0	0.0%	0	0	0.0%	15,353	10,975	39.9%	
FL GAS ZONE 3 NAT GAS IND	Q9	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
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%	
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	216	154	40.3%	0	0	0.0%	0	0	0.0%	1,283	1,438	-10.8%	
FREIGHT MARKETS	FRC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	600	-	-	
FREIGHT MARKETS	FRS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
FREIGHT MARKETS	T2D	0	-	-	0	-	375	-	-	0	-	-	0	-	-	2,498	-	-	
FREIGHT MARKETS	TC6	0	-	-	0	-	0	-	-	0	-	-	0	-	-	240	-	-	
FREIGHT MARKETS	TD3	0	-	-	0	-	0	-	-	0	-	-	0	-	-	30	-	-	
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	1,168	1,729	-32.4%	0	0	0.0%	0	0	0.0%	33,245	34,650	-4.1%	
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%	171	0	0.0%	
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	154	0	0.0%	
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	120	0	0.0%	
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	140	110	27.3%	0	0	0.0%	0	0	0.0%	2,018	2,666	-24.3%	
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	6,960	4,078	70.7%	0	0	0.0%	0	0	0.0%	69,108	61,417	12.5%	
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	11,584	21,145	-45.2%	0	0	0.0%	0	0	0.0%	164,316	176,192	-6.7%	
GASOIL 0.1 BRGS FOB VS IC	6V	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
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	0.0%	
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%	10	50	-80.0%	
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	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%	
GASOIL 0.1 CRG CIF NW VS	4V	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
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%	10	150	-93.3%	
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	195	15	1,200.0%	0	0	0.0%	0	0	0.0%	1,455	100	1,355.0%	
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%	
GASOIL 10PPM CARGOES CIF	TY	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	12	712	-98.3%	
GASOIL BULLET SWAP	BG	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	130	-100.0%	
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	54	244	-77.9%	
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	1,850	4,967	-62.8%	0	0	0.0%	0	0	0.0%	37,402	65,395	-42.8%	
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	270	109	147.7%	0	0	0.0%	0	0	0.0%	1,712	1,300	31.7%	
GASOLINE UP-DOWN BALMO S	1K	-	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%	205	125	64.0%	
GROUP THREE UNLEAD GAS (F	A9	0	-	-	0	-	0	-	-	0	-	-	0	-	-	425	-	-	
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	4,200	6,258	-32.9%	0	0	0.0%	0	0	0.0%	31,918	36,585	-12.8%	
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	2,345	2,425	-3.3%	0	0	0.0%	0	0	0.0%	18,122	7,724	134.6%	

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Energy Futures																			
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	271	1,677	-83.8%	0	0	0.0%	0	0	0.0%	11,737	11,074	6.0%
GULF COAST GASOLINE CLND	GS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	39	0	0.0%	0	0	0.0%	0	0	0.0%	1,195	943	26.7%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	40,890	40,930	-0.1%	0	0	0.0%	0	0	0.0%	342,498	400,968	-14.6%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	32,342	54,140	-40.3%	0	0	0.0%	0	0	0.0%	504,719	471,337	7.1%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	921	375	145.6%	0	0	0.0%	0	0	0.0%	15,794	10,933	44.5%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	863	949	-9.1%	0	0	0.0%	0	0	0.0%	2,888	5,029	-42.6%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,295	3,870	-66.5%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	243	830	-70.7%
HEATING OIL CRCK SPRD BAL	1H	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	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%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	0	7,936	0	0.0%	0	0	0.0%	0	2,996	-100.0%	15,430	48,024	-67.9%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	3,831	405	8.46	0	0	0.0%	0	0	0.0%	26,296	1,013	2,495.9%	0	0	0.0%
HENRY HUB FINANCIAL LAST	TTE	0	0	0.0%	30	410	-0.93	0	0	0.0%	0	0	0.0%	885	534	65.7%	0	0	0.0%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	7,936	0	0.0%	0	0	0.0%	0	2,996	-100.0%	15,430	45,834	-66.3%
HENRY HUB SWAP	NN	0	0	0.0%	1,330	1,159	0.15	108,946	255,304	-57.3%	0	0	0.0%	56,209	61,064	-8.0%	1,461,123	1,655,818	-11.8%
HENRY HUB SWING FUTURE	SN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,777	-100.0%
HOUSTON SHIP CHANNEL INDE	IP	-	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	719	-100.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	7,627	8,730	-12.6%	0	0	0.0%	0	0	0.0%	90,578	79,626	13.8%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9	-100.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,850	-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	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%
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%
INDONESIAN COAL	MCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
INDONESIAN COAL ICI4	ICI	0	-	-	0	-	-	265	-	-	0	-	-	0	-	-	1,250	-	-
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%	0	10	-100.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	620	-100.0%	0	0	0.0%	0	0	0.0%	1,689	5,251	-67.8%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,758	1,512	16.3%	0	0	0.0%	0	0	0.0%	18,247	14,106	29.4%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	28	86	-67.4%	0	0	0.0%	0	0	0.0%	526	1,400	-62.4%
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%	5	12	-58.3%
JET BARGES VS ICE GASOIL	JR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	12	82	-85.4%	0	0	0.0%	0	0	0.0%	642	916	-29.9%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	62	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	5,320	7,299	-27.1%	0	0	0.0%	0	0	0.0%	53,077	64,506	-17.7%
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	100	300	-66.7%	0	0	0.0%	0	0	0.0%	2,730	1,970	38.6%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	100	575	-82.6%	0	0	0.0%	0	0	0.0%	4,250	2,450	73.5%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	950	1,380	-31.2%	0	0	0.0%	0	0	0.0%	18,593	16,775	10.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	607	-	-
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	4,750	10,706	-55.6%	0	0	0.0%	0	15	-100.0%	51,462	43,939	17.1%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	785	4,268	-81.6%	0	0	0.0%	0	0	0.0%	19,985	29,519	-32.3%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	9,945	27,385	-63.7%	0	0	0.0%	375	0	0.0%	191,116	173,404	10.2%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	0	500	-100.0%	0	0	0.0%	0	200	-100.0%	2,319	12,268	-81.1%
MCCLOSKEY ARA ARGS COAL	MTF	0	0	0.0%	0	0	0	24,612	41,084	-40.1%	0	0	0.0%	719	0	0.0%	216,961	420,964	-48.5%
MCCLOSKEY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	2,243	3,800	-41.0%	0	0	0.0%	0	0	0.0%	28,726	47,072	-39.0%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	218	286	-23.8%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	60	25	140.0%	0	0	0.0%	0	0	0.0%	633	979	-35.3%
MICHCON NG INDEX SWAP	Y8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,592	-100.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	47,400	-100.0%	0	0	0.0%	0	0	0.0%	0	106,440	-100.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	2,535	-100.0%	0	0	0.0%	0	0	0.0%	0	5,730	-100.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	238	103	131.1%	0	0	0.0%	0	0	0.0%	3,189	4,154	-23.2%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	348	1,000	-65.2%	0	0	0.0%	0	0	0.0%	3,383	5,082	-33.4%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	1,982	992	99.8%	0	0	0.0%	0	0	0.0%	15,549	22,030	-29.4%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	320	-100.0%	0	0	0.0%	0	0	0.0%	1,325	1,045	26.8%
MNC FUT	MNC	0	0	0.0%	0	0	0	4,192	3,304	26.9%	0	0	0.0%	0	0	0.0%	35,121	38,353	-8.4%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	22,944	17,938	27.9%	0	0	0.0%	0	0	0.0%	148,003	208,495	-29.0%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	195	150	30.0%	0	0	0.0%	0	0	0.0%	1,485	2,597	-42.8%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
MONT BELVIEU LDH PROPANE	B0	0	0.0%	14	51	-0.73	112,948	95,214	18.6%	0	0	0.0%	184	282	-34.8%	1,076,815	812,312	32.6%	
MONT BELVIEU LDH PROPANE	8O	0	0.0%	0	0	0	1,938	1,487	30.3%	0	0	0.0%	0	0	0.0%	23,551	15,985	47.3%	
MONT BELVIEU NATURAL GAS	7Q	0	0.0%	0	0	0	8,955	6,110	46.6%	0	0	0.0%	0	0	0.0%	72,888	38,382	89.9%	
MONT BELVIEU NATURAL GAS	R0	0	0.0%	0	0	0	125	599	-79.1%	0	0	0.0%	0	0	0.0%	3,351	2,499	34.1%	
MONT BELVIEU NORMAL BUTA	D0	0	0.0%	0	0	0	36,686	25,548	43.6%	0	0	0.0%	0	0	0.0%	309,135	250,279	23.5%	
MONT BELVIEU NORMAL BUTA	8J	0	0.0%	0	0	0	921	276	233.7%	0	0	0.0%	0	0	0.0%	9,522	6,377	49.3%	
NAT GAS BASIS SWAP	TZ6	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,165	-100.0%	
NATURAL GAS	HBI	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NATURAL GAS	XIC	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	44	-100.0%	
NATURAL GAS FIXED PRICE S	CFS	-	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	-100.0%	
NATURAL GAS FIXED PRICE S	MFS	-	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%	
NATURAL GAS FIXED PRICE S	WFS	-	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%	
NATURAL GAS INDEX	TZI	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	656	-100.0%	
NATURAL GAS PEN SWP	NP	0	0.0%	0	4	-1	24,871	90,214	-72.4%	0	0	0.0%	0	62	-100.0%	304,813	788,159	-61.3%	
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%	
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%	
NEPOOL INTR HUB 5MW D AH	H2	0	0.0%	0	0	0	25,355	14,040	80.6%	0	0	0.0%	0	0	0.0%	104,875	235,140	-55.4%	
NEPOOL INTR HUB 5MW D AH	U6	0	0.0%	0	0	0	6,640	765	768.0%	0	0	0.0%	0	0	0.0%	11,016	17,275	-36.2%	
NEPOOL NE MASS 5MW D AH O	P8	0	0.0%	0	0	0	0	14,040	-100.0%	0	0	0.0%	0	0	0.0%	0	14,040	-100.0%	
NEPOOL NE MASS 5MW D AH P	P7	0	0.0%	0	0	0	0	765	-100.0%	0	0	0.0%	0	0	0.0%	0	765	-100.0%	
NEPOOL NEW HAMP 5MW D AH	U2	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NEPOOL NEW HAMP 5MW D AH	U3	-	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%	
NEPOOL SE MASS 5MW D AH P	P4	-	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	850	1,485	-42.8%	0	0	0.0%	0	0	0.0%	11,516	7,245	59.0%	
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%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
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	1,480	368	302.2%	0	0	0.0%	0	0	0.0%	1,880	4,044	-53.5%	
NGPL MIDCONTINENT INDEX	IW	-	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	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NGPL TEX/OK	PD	0	0	0.0%	0	0	2,280	368	519.6%	0	0	0.0%	0	0	0.0%	25,116	8,134	208.8%	
NGPL TEXOK INDEX	OI	-	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	425	0	0.0%	0	0	0.0%	0	0	0.0%	2,983	3,659	-18.5%	
NORTHERN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NORTHERN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	84	19.0%	
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	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,088	-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%	59	334	-82.3%	
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	300	1,830	-83.6%	0	0	0.0%	0	0	0.0%	13,233	19,846	-33.3%	
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	145	75	93.3%	0	0	0.0%	0	0	0.0%	1,795	3,260	-44.9%	
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%	50	25	100.0%	
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	1,062	783	35.6%	0	0	0.0%	67	3	2,133.3%	17,024	21,556	-21.0%	
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,845	4,273	-33.4%	
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	969	2,196	-55.9%	0	0	0.0%	0	0	0.0%	10,133	22,640	-55.2%	
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	315	1,143	-72.4%	0	0	0.0%	0	0	0.0%	7,712	12,502	-38.3%	
NY H OIL PLATTS VS NYMEX	YH	-	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	6	-100.0%	0	0	0.0%	0	0	0.0%	246	285	-13.7%	
NYISO CAPACITY	NNC	0	0	0.0%	0	0	120	178	-32.6%	0	0	0.0%	0	0	0.0%	735	1,788	-58.9%	
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	276	-100.0%	0	0	0.0%	0	0	0.0%	275	1,813	-84.8%	
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	32,760	-100.0%	
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6,815	-100.0%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
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	110	-100.0%	
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	47,865	-100.0%	0	0	0.0%	0	0	0.0%	600,854	780,585	-23.0%	
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	1,510	-32.4%	0	0	0.0%	0	0	0.0%	19,794	55,044	-64.0%	
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	226,600	-100.0%	
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	1,810	-100.0%	0	0	0.0%	0	0	0.0%	0	24,975	-100.0%	
NY JET FUEL (PLATTS) HEAT OI	1U	-	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	12	-100.0%	0	0	0.0%	0	0	0.0%	213	8,232	-97.4%	
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	1,240	992	25.0%	0	0	0.0%	0	0	0.0%	2,704	1,188	127.6%
ONTARIO POWER SWAPS	OFD	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	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	0	10	-100.0%	0	0	0.0%	0	0	0.0%	10	505	-98.0%	
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	650	-100.0%	
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	275	3,060	-91.0%	
PANHANDLE INDEX SWAP FUT	IV	-	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	0.0%	0	864	-100.0%	
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	372	-100.0%	0	0	0.0%	0	0	0.0%	0	1,381	-100.0%	
PETROCHEMICALS	22	0	0	0.0%	0	0	0	240	122	96.7%	0	0	0.0%	0	0.0%	1,546	733	110.9%	
PETROCHEMICALS	32	0	0	0.0%	0	0	0	120	37	224.3%	0	0	0.0%	0	0.0%	1,474	908	62.3%	
PETROCHEMICALS	51	0	-	-	0	-	0	-	-	0	-	-	0	-	-	23	-	-	
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	603	436	38.3%	0	0	0.0%	0	0.0%	6,287	5,399	16.4%	
PETROCHEMICALS	91	0	0	0.0%	0	0	0	485	192	152.6%	0	0	0.0%	0	0.0%	3,672	1,946	88.7%	
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETROCHEMICALS	JKM	0	0	0.0%	0	0	0	796	190	318.9%	0	0	0.0%	0	0.0%	10,014	500	1,902.8%	
PETROCHEMICALS	LPE	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROCHEMICALS	MAA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	50	-	-	
PETROCHEMICALS	MAC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%	
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	260	160	62.5%	0	0	0.0%	0	0.0%	1,752	300	484.0%	
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	395	100	295.0%	0	0	0.0%	0	0.0%	1,541	315	389.2%	
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	940	1,570	-40.1%	0	0	0.0%	0	0.0%	7,630	11,500	-33.7%	
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	1,298	2,165	-40.0%	0	0	0.0%	0	0.0%	17,617	15,737	11.9%	
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	120	20	500.0%	0	0	0.0%	0	0.0%	1,010	40	2,425.0%	

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
PETRO CRCKS & SPRDS ASIA	JNC	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 ASIA	STI	0	0	0.0%	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	0	182	-100.0%	
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	264	-62.1%	
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	509	1,310	-61.1%	
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	5,560	1,402.7%	0	0	0.0%	0	0	0.0%	17,565	2,330	653.9%	
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	2,957	1,764	67.6%	0	0	0.0%	0	0	0.0%	25,827	22,821	13.2%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	1,050	1,075	-2.3%	0	0	0.0%	0	0	0.0%	6,625	7,053	-6.1%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	975	1,865	-47.7%	0	0	0.0%	0	0	0.0%	11,310	8,848	27.8%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,740	1,160	50.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	540	632	-14.6%	0	0	0.0%	0	0	0.0%	13,087	9,619	36.1%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	163	59	176.3%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	4,705	3,318	41.8%	0	0	0.0%	0	0	0.0%	113,369	50,991	122.3%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	535	-92.5%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	564	645	-12.6%	0	0	0.0%	0	0	0.0%	8,597	28,229	-69.5%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	109	-54.1%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,125	-100.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	5,497	2,228	146.7%	0	0	0.0%	0	0	0.0%	48,760	69,754	-30.1%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	10,750	13,080	-17.8%	0	0	0.0%	0	0	0.0%	143,843	144,087	-0.2%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	321	15	2,040.0%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	1,022	539	89.6%	0	0	0.0%	0	0	0.0%	16,833	11,599	45.1%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0	0	0	225	-100.0%	0	0	0.0%	0	0	0.0%	100	225	-55.6%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	390	923	-57.7%	0	0	0.0%	0	0	0.0%	3,369	2,954	14.0%
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	633	1,280	-50.5%	0	0	0.0%	0	0	0.0%	15,365	17,221	-10.8%
PETRO CRK&SPRD EURO	EGB	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	EGN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	18	-100.0%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	25	6	316.7%	0	0	0.0%	0	0	0.0%	213	127	67.7%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	768	776	-1.0%	0	0	0.0%	0	0	0.0%	8,108	4,174	94.3%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	931	1,360	-31.5%	0	0	0.0%	0	0	0.0%	18,602	21,722	-14.4%
PETRO CRK&SPRD EURO	FBT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	0	0.0%



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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	680	739	-8.0%	
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	84	120	-30.0%	
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	110	70	57.1%	
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	26	-100.0%	0	0	0.0%	0	0	0.0%	163	883	-81.5%	
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	10	10	0.0%	0	0	0.0%	0	0	0.0%	162	134	20.9%	
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	1,894	1,235	53.4%	0	0	0.0%	0	0	0.0%	15,338	10,005	53.3%	
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	125	178	-29.8%	
PETROLEUM PRODUCTS	D46	-	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	6,571	1,815	262.0%	0	0	0.0%	0	0	0.0%	42,524	22,019	93.1%	
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	80	-100.0%	
PETROLEUM PRODUCTS	MGS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%	
PETROLEUM PRODUCTS	MHE	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	20	50.0%	
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	1,044	2,674	-61.0%	
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	20	30	-33.3%	0	0	0.0%	0	0	0.0%	654	222	194.6%	
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	1,750	1,216	43.9%	0	0	0.0%	0	0	0.0%	17,184	17,323	-0.8%	
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	45	-100.0%	
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	84	113	-25.7%	
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	20	10	100.0%	0	0	0.0%	0	0	0.0%	23	10	130.0%	
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	1,118	1,354	-17.4%	0	0	0.0%	0	0	0.0%	11,889	21,108	-43.7%	
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	40	90	-55.6%	0	0	0.0%	0	0	0.0%	238	4,040	-94.1%	
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	346	616	-43.8%	0	0	0.0%	0	0	0.0%	4,911	10,246	-52.1%	
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	39	102	-61.8%	
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	80	-100.0%	
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	55	-100.0%	0	0	0.0%	0	0	0.0%	224	546	-59.0%	
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	172	767	-77.6%	
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	7	-100.0%	
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	317	190	66.8%	0	0	0.0%	0	0	0.0%	899	1,065	-15.6%	
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	239	109	119.3%	0	0	0.0%	0	0	0.0%	2,774	2,180	27.2%	
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	105	35	200.0%	
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	55	42	31.0%	
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%	

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Energy Futures																			
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	127	221	-42.5%	0	0	0.0%	0	0	0.0%	3,136	2,469	27.0%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	116	290	-60.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	453	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	40	30	33.3%	0	0	0.0%	0	0	0.0%	145	180	-19.4%
PETRO OUTRIGHT EURO	ESB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	69	-100.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	638	514	24.1%	0	0	0.0%	0	0	0.0%	6,250	6,299	-0.8%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	FLB	0	-	-	0	-	0	5	-	-	0	-	0	-	-	0	5	-	-
PETRO OUTRIGHT EURO	GES	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	5	-	-
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	100	20	400.0%	0	0	0.0%	0	0	0.0%	271	500	-45.8%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	409	1,220	-66.5%	0	0	0.0%	0	0	0.0%	8,787	9,651	-9.0%
PETRO OUTRIGHT EURO	MEF	0	-	-	0	-	0	408	-	-	0	-	0	-	-	0	423	-	-
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	553	40	1,282.5%
PETRO OUTRIGHT EURO	TO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	9	164	-94.5%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	375	-100.0%
PETRO OUTRIGHT EURO	VO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	980	150	553.3%
PETRO OUTRIGHT EURO	W0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0	0	116	0	0.0%	0	0	0.0%	0	0	0.0%	116	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	152	39	289.7%	0	0	0.0%	0	0	0.0%	744	1,613	-53.9%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	8	0	0.0%	0	0	0.0%	0	0	0.0%	8	50	-84.0%
PETRO OUTRIGHT NA	GBA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	GUD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	69	420	-83.6%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	5,935	6,725	-11.7%	0	0	0.0%	0	0	0.0%	27,155	40,345	-32.7%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	700	850	-17.6%	0	0	0.0%	0	0	0.0%	4,560	2,025	125.2%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	266	-85.0%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	410	523	-21.6%	0	0	0.0%	0	0	0.0%	3,978	5,549	-28.3%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	2,539	6,972	-63.6%	0	0	0.0%	0	0	0.0%	32,708	85,428	-61.7%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	203	-50.7%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	56	47	19.1%	0	0	0.0%	0	0	0.0%	130	485	-73.2%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	625	-100.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	13,365	0	0.0%	0	0	0.0%	0	0	0.0%	41,397	273,469	-84.9%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	0	420	420	0.0%	0	0	0.0%	0	0	0.0%	13,073	22,411	-41.7%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
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	46,800	-100.0%	
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,550	-100.0%	
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	85,390	-100.0%	
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,675	-100.0%	
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	211,995	-100.0%	
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,250	-100.0%	
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	0	0.0%	0	0	0.0%	0	0	0.0%	5,100	79,100	-93.6%	
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	5,925	0.0%	0	0	0.0%	0	0	0.0%	5,925	1,700,530	-99.7%	
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	685,367	-100.0%	
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	22	39,086	-99.9%	
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	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%	
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%	23,400	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%	1,275	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%	
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	101,810	54,300	87.5%	
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,525	8,620	-35.9%	
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	15,920	23,400	-32.0%	0	0	0.0%	0	0	0.0%	309,920	2,158,295	-85.6%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	10,666	7,095	50.3%	0	0	0.0%	0	0	0.0%	56,636	202,951	-72.1%
PLASTICS	PGP	0	0	0.0%	0	0	0	140	1,204	-88.4%	0	0	0.0%	0	0	0.0%	3,155	5,594	-43.6%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	280	38	636.8%	0	0	0.0%	0	0	0.0%	2,313	531	335.6%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	35	0	0.0%	0	0	0.0%	0	0	0.0%	438	152	188.2%
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%	80	7	1,042.9%	

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	140	0	0.0%	0	0	0.0%	0	0	0.0%	326	37	781.1%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	621	600	3.5%	0	0	0.0%	0	0	0.0%	5,019	4,864	3.2%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	15,272	5,288	188.8%	0	0	0.0%	0	0	0.0%	109,021	59,990	81.7%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	5,274	7,409	-28.8%	0	0	0.0%	0	5	-100.0%	51,358	66,843	-23.2%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	255	2,220	-88.5%	0	0	0.0%	0	0	0.0%	9,468	7,424	27.5%
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	1,252	1,235	1.4%	0	0	0.0%	0	0	0.0%	10,252	7,374	39.0%
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	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	1,975	16,720	-88.2%
ROCKIES KERN OPAL - NW IN	IR	-	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	0	0.0%	0	0	0.0%	0	0	0.0%	58	2,254	-97.4%
SAN JUAN PIPE SWAP	XX	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	360	-	-
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	5	10	-50.0%	0	0	0.0%	0	0	0.0%	443	534	-17.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	132	346	-61.8%	0	0	0.0%	0	0	0.0%	1,940	2,028	-4.3%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	5,841	7,267	-19.6%	0	0	0.0%	0	0	0.0%	78,162	89,510	-12.7%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	357	720	-50.4%	0	0	0.0%	0	0	0.0%	7,554	9,796	-22.9%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	170	427	-60.2%	0	0	0.0%	0	0	0.0%	5,894	6,528	-9.7%
SINGAPORE GASOIL	MAF	0	-	-	0	-	0	575	-	-	0	-	0	-	-	0	583	-	-
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	15	75	-80.0%	0	0	0.0%	0	0	0.0%	491	1,378	-64.4%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	4,118	5,383	-23.5%	0	0	0.0%	0	0	0.0%	42,241	45,077	-6.3%
SINGAPORE GASOIL	STL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,300	800	437.5%
SINGAPORE GASOIL CALEND	GDH	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	50	-	-
SINGAPORE GASOIL CALEND	GDL	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	250	-	-
SINGAPORE GASOIL CALEND	GHS	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
SINGAPORE GASOIL CALEND	MGO	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	200	-	-
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	123	87	41.4%	0	0	0.0%	0	0	0.0%	4,372	2,301	90.0%
SINGAPORE GASOIL CALEND	SGG	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	325	-	-
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	9,250	2,535	264.9%	0	0	0.0%	2	36	-94.4%	44,941	81,138	-44.6%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	10,824	1,790	504.7%	0	0	0.0%	0	0	0.0%	118,040	70,054	68.5%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	215	536	-59.9%

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	2,675	665	302.3%	0	0	0.0%	0	0	0.0%	33,845	17,960	88.4%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	3,015	510	491.2%	0	0	0.0%	0	0	0.0%	12,075	12,314	-1.9%
SINGAPORE JET KERO VS. GAS	Z0	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	400	50	700.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	370	0	0.0%	0	0	0.0%	0	0	0.0%	5,346	1,265	322.6%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	11,958	4,115	190.6%	0	0	0.0%	2	5	-60.0%	123,135	66,832	84.2%
SINGAPORE NAPHTHA BALMO	KU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	200	-	-
SING FUEL	MSD	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	95	70	35.7%
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%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	91	6,238	-98.5%
SUMAS NAT GAS PLATTS FIXE	DVS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	306	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	-	-	0	-	0	169	-	-	0	-	0	-	-	0.0%	717	-	-
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	105	0	0.0%	0	0	0.0%	0	0	0.0%	345	0	0.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8,226	-100.0%
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%
TD3 MEG TO JAPAN 250K MT	TL	0	-	-	0	-	0	745	-	-	0	-	0	-	-	0.0%	9,400	-	-
TENN 800 LEG NAT GAS INDE	L4	-	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	428	-100.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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 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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8,604	-100.0%
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 3 Basis	CZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	302	-100.0%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6,256	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	0	620	-100.0%	0	0	0.0%	0	0	0.0%	0	13,239	-100.0%
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	465	-100.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,870	-100.0%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	856	-100.0%
UCM FUT	UCM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	265	-77.4%

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Futures																			
ULSD 10PPM CIF MED BALMO	X7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	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	30	-100.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	14	66	-78.8%
ULSD 10PPM CIF NW BALMO S	B1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
ULSD 10PPM CIF VS ICE GAS	7V	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	9,042	8,022	12.7%	0	0	0.0%	0	0	0.0%	49,404	36,922	33.8%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	35,400	55,403	-36.1%	0	0	0.0%	0	0	0.0%	289,349	423,740	-31.7%
USGC UNL 87 CRACK SPREAD	RU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WAHA BASIS	NW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,201	6,064	-47.2%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	2,220	-98.9%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	500	-100.0%	0	0	0.0%	0	0	0.0%	6,650	904	635.6%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	46,550	43,535	6.9%	0	0	0.0%	6	120	-95.0%	297,349	139,552	113.1%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	31,846	57,376	-44.5%	0	0	0.0%	0	0	0.0%	295,889	334,225	-11.5%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	11,000	1,770	521.5%	0	0	0.0%	0	0	0.0%	79,502	38,514	106.4%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	0	516	-100.0%	0	0	0.0%	0	0	0.0%	5,385	6,080	-11.4%
Energy Options																			
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	0	630	-100.0%
1 MO GASOIL CAL SWAP SPR	GXA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT 1 MONTH CAL	AA	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0.0%	3,000	-	-
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	139	50	178.0%	0	0	0.0%	0	0	0.0%	5,854	5,347	9.5%
BRENT CRUDE OIL 12 M CSO	9Y	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0.0%	2,000	-	-
BRENT CRUDE OIL 1 M CSO	9C	0	-	-	0	-	0	-	-	-	0	-	2,900	-	-	0.0%	389,138	-	-
BRENT CRUDE OIL 6 M CSO	9L	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0.0%	1,000	-	-
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	5,420	975	455.9%	0	0	0.0%	0	0	0.0%	266,332	34,586	670.1%
BRENT OIL LAST DAY	BZO	0	0	0.0%	85,616	19,464	3.4	162,235	78,437	106.8%	0	0	0.0%	550,239	85,313	545.0%	741,657	245,653	201.9%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	190	144	31.9%	1,000	3,500	-71.4%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	740	1,281	-42.2%	0	0	0.0%	0	0	0.0%	6,105	9,452	-35.4%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,455	610	466.4%
COAL API2 INDEX	MTC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	0	0.0%

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Commodity Indicator		Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG
Energy Options																			
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	0	0.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	180	-100.0%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	545	-100.0%
CRUDE OIL 1MO	WA	0	0	0.0%	4,345	83,405	-0.95	82,250	154,125	-46.6%	0	0	0.0%	125,235	266,593	-53.0%	1,679,400	1,402,539	19.7%
CRUDE OIL APO	AO	0	0	0.0%	0	8	-1	43,146	112,469	-61.6%	0	0	0.0%	331	60	451.7%	414,318	437,073	-5.2%
CRUDE OIL CALNDR STRIP	6F	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	170	-	-
CRUDE OIL OUTRIGHTS	AH	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	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	0.0%	0	0	0	0	1,560	-100.0%	0	0	0.0%	0	0	0.0%	0	9,240	-100.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	300	5,555	-94.6%	0	0	0.0%	0	25	-100.0%	19,350	25,545	-24.3%
CRUDE OIL PHY	LC	0	0	0.0%	0	0	0	8,307	10,310	-19.4%	0	0	0.0%	724	13	5,469.2%	86,722	229,014	-62.1%
CRUDE OIL PHY	LO	0	0	0.0%	2,661,642	2,169,415	0.23	546,571	520,570	5.0%	0	0	0.0%	25,711,120	26,743,081	-3.9%	5,669,034	6,919,370	-18.1%
CRUDE OIL PHY	LO1	0	0	0.0%	13,353	9,269	0.44	0	0	0.0%	0	0	0.0%	124,163	122,942	1.0%	75	700	-89.3%
CRUDE OIL PHY	LO2	0	0	0.0%	14,508	8,235	0.76	0	0	0.0%	0	0	0.0%	135,776	108,641	25.0%	250	250	0.0%
CRUDE OIL PHY	LO3	0	0	0.0%	14,409	702	19.53	0	0	0.0%	0	0	0.0%	92,664	70,692	31.1%	325	200	62.5%
CRUDE OIL PHY	LO4	0	0	0.0%	17,766	14,786	0.2	0	100	-100.0%	0	0	0.0%	136,438	149,457	-8.7%	350	300	16.7%
CRUDE OIL PHY	LO5	0	0	0.0%	0	18,627	-1	0	0	0.0%	0	0	0.0%	49,480	53,239	-7.1%	225	250	-10.0%
ELEC FINSETTLED	PML	-	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	820	-100.0%
ETHANOL	CE1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	275	75	266.7%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	325	-53.8%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	1,615	8,278	-80.5%	0	0	0.0%	0	0	0.0%	59,426	49,341	20.4%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	450	0	0.0%	0	0	0.0%	0	0	0.0%	3,118	1,580	97.3%
EURO-DENOMINATED PETRO P	NWE	-	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	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 CRACK OPTIONS	CH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
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%	0	0	0.0%
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	0	1,000	-100.0%	0	0	0.0%	0	8	-100.0%	750	2,695	-72.2%
HEATING OIL PHY	OH	0	0	0.0%	3,656	3,214	0.14	21,290	23,758	-10.4%	0	0	0.0%	46,540	43,243	7.6%	217,909	240,128	-9.3%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	8,069	4,655	73.3%	0	0	0.0%	5	0	0.0%	40,429	33,038	22.4%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	1,700	-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%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	5,100	-98.0%

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Options																			
LLS CRUDE OIL	YVO	0	0	0.0%	0	0	0	0	3,000	-100.0%	0	0	0.0%	0	0	0.0%	0	3,750	-100.0%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	35	0	0.0%	0	0	0.0%	0	0	0.0%	290	1,290	-77.5%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	2,005	0	0.0%
NATURAL GAS	G10	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	450	-100.0%
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	243	2,100	-0.88	31,850	35,400	-10.0%	0	0	0.0%	1,629	3,420	-52.4%	316,791	330,525	-4.2%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	200	4,500	-95.6%	0	0	0.0%	0	0	0.0%	1,400	8,050	-82.6%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	500	13,175	-96.2%	0	0	0.0%	1	0	0.0%	44,045	119,425	-63.1%
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%	2,550	4,050	-37.0%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	7,650	8,200	-6.7%	0	0	0.0%	0	0	0.0%	78,600	47,020	67.2%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	1,064	400	166.0%	0	0	0.0%	0	0	0.0%	23,372	7,938	194.4%
NATURAL GAS PHY	KD	0	0	0.0%	7,972	34,835	-0.77	5,750	23,635	-75.7%	0	0	0.0%	110,450	65,280	69.2%	71,185	285,975	-75.1%
NATURAL GAS PHY	LN	0	0	0.0%	1,278,854	1,065,011	0.2	674,125	946,195	-28.8%	0	0	0.0%	9,481,995	8,855,762	7.1%	6,123,400	10,835,416	-43.5%
NATURAL GAS PHY	ON	0	0	0.0%	181,085	156,582	0.16	9,740	6,305	54.5%	0	0	0.0%	1,479,399	1,672,360	-11.5%	87,503	63,491	37.8%
NATURAL GAS PHY	ON1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS WINTER STRIP	6I	0	-	-	0	-	0	900	-	-	0	-	0	-	-	-	2,100	-	-
NG HH 3 MONTH CAL	IC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	236	0	0.0%	0	0	0.0%	0	0	0.0%	2,016	4,030	-50.0%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	50	22	1.27	2,406	1,950	23.4%	0	0	0.0%	496	468	6.0%	22,147	29,195	-24.1%
NYISO ZONE G 5MW PEAK OPT	9U	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	19,830	-100.0%
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%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,880	-100.0%
PETROCHEMICALS	4H	0	0	0.0%	0	8	-1	291	2,160	-86.5%	0	0	0.0%	23	8	187.5%	5,282	6,892	-23.4%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	1,350	2,825	-52.2%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	800	-100.0%	0	0	0.0%	0	0	0.0%	3,300	1,200	175.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	18	-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	300	-100.0%
PETRO OUTRIGHT NA	DAP	0	-	-	0	-	0	192	-	-	0	-	0	-	-	-	192	-	-
PJM MONTHLY	JO	-	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	130	100	30.0%	0	0	0.0%	0	0	0.0%	450	3,910	-88.5%
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%	880	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	295	44	570.5%	0	0	0.0%	0	0	0.0%	7,152	12,669	-43.5%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	850	-100.0%	0	0	0.0%	0	0	0.0%	700	4,908	-85.7%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	10	-100.0%	965	2,350	-58.9%

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Options																			
RBOB PHY	OB	0	0	0.0%	2,412	12,717	-0.81	6,635	19,348	-65.7%	0	0	0.0%	31,187	62,334	-50.0%	70,172	189,530	-63.0%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	875	-100.0%	0	0	0.0%	0	0	0.0%	125	960	-87.0%
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	0	0.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	236	900	-73.8%	0	0	0.0%	0	0	0.0%	2,118	2,880	-26.5%
SHORT TERM	U11	0	0	0.0%	0	0	0	0	1,550	-100.0%	0	0	0.0%	111	0	0.0%	1,125	5,790	-80.6%
SHORT TERM	U12	0	0	0.0%	15	0	0	100	800	-87.5%	0	0	0.0%	100	0	0.0%	850	4,479	-81.0%
SHORT TERM	U13	0	0	0.0%	0	10	-1	0	200	-100.0%	0	0	0.0%	0	10	-100.0%	400	2,285	-82.5%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	900	-100.0%	0	0	0.0%	13	0	0.0%	850	3,355	-74.7%
SHORT TERM	U15	0	0	0.0%	0	25	-1	0	625	-100.0%	0	0	0.0%	147	25	488.0%	650	4,700	-86.2%
SHORT TERM	U22	0	0	0.0%	0	25	-1	0	1,280	-100.0%	0	0	0.0%	96	25	284.0%	1,125	2,857	-60.6%
SHORT TERM	U23	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	148	0	0.0%	750	1,072	-30.0%
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	379	0	0.0%	500	2,570	-80.5%
SHORT TERM	U25	0	0	0.0%	0	0	0	0	350	-100.0%	0	0	0.0%	2	0	0.0%	100	740	-86.5%
SHORT TERM	U26	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	400	292	37.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	550	3,315	-83.4%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	58	-1	0	500	-100.0%	0	0	0.0%	98	58	69.0%	1,350	3,425	-60.6%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	54	0	0.0%	1,375	2,220	-38.1%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	1,575	870	81.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	10	35	-0.71	600	3,530	-83.0%	0	0	0.0%	90	35	157.1%	1,330	6,755	-80.3%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	35	-1	625	1,375	-54.5%	0	0	0.0%	50	35	42.9%	1,450	7,000	-79.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	1	0	0.0%	1,600	3,285	-51.3%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	2	0	0.0%	1,375	4,470	-69.2%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	34	0	0.0%	1,500	3,600	-58.3%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	1,250	5,552	-77.5%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	150	0	0.0%	550	3,670	-85.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	96	0	0.0%	2,200	3,304	-33.4%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	50	-1	100	100	0.0%	0	0	0.0%	22	50	-56.0%	1,450	1,137	27.5%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	25	0	0	0	500	-100.0%	0	0	0.0%	123	0	0.0%	125	4,185	-97.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	550	425	29.4%	0	0	0.0%	25	0	0.0%	1,400	3,230	-56.7%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	825	-100.0%	0	0	0.0%	13	0	0.0%	350	2,724	-87.2%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	400	1,870	-78.6%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	1,650	-100.0%	0	0	0.0%	0	0	0.0%	100	3,255	-96.9%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	10	0	0.0%	450	435	3.4%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	3,420	-97.1%

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Energy Options																			
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	27	0	0.0%	0	5,750	-100.0%	
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%	
SINGAPORE JET FUEL CALENDAR	N2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	1,104	8,072	-0.86	34,550	57,075	-39.5%	0	0	0.0%	138,765	15,160	815.3%	636,686	319,179	99.5%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	3,600	-1	39,700	62,150	-36.1%	0	0	0.0%	15,050	4,000	276.3%	620,800	535,700	15.9%

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Metals Futures																			
COMEX GOLD	GC	0	0	0.0%	5,317,356	6,981,728	-0.24	178,290	202,275	-11.9%	0	0	0.0%	61,128,014	50,526,278	21.0%	2,220,084	1,800,232	23.3%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	2,079	786	1.65	4,589	6,709	-31.6%	0	0	0.0%	27,899	2,748	915.2%	62,814	43,245	45.3%
NYMEX PLATINUM	PL	0	0	0.0%	558,935	508,939	0.1	21,708	20,014	8.5%	0	0	0.0%	4,094,262	3,443,206	18.9%	114,803	114,198	0.5%
PALLADIUM	PA	0	0	0.0%	85,540	76,656	0.12	3,828	3,962	-3.4%	0	0	0.0%	1,048,787	1,033,277	1.5%	45,924	56,086	-18.1%
URANIUM	UX	0	0	0.0%	288	0	0	1,010	17	5,841.2%	0	0	0.0%	593	427	38.9%	2,859	4,047	-29.4%
COMEX SILVER	SI	0	0	0.0%	1,611,917	1,696,173	-0.05	36,409	34,227	6.4%	0	0	0.0%	18,071,189	16,881,039	7.1%	522,583	399,886	30.7%
COMEX E-Mini GOLD	QO	0	0	0.0%	11,095	9,049	0.23	0	0	0.0%	0	0	0.0%	71,053	75,000	-5.3%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	795	419	0.9	0	0	0.0%	0	0	0.0%	10,571	7,613	38.9%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	2,332,430	2,282,240	0.02	17,257	27,296	-36.8%	0	0	0.0%	25,884,869	19,052,976	35.9%	246,522	241,810	1.9%
COMEX MINY COPPER	QC	0	0	0.0%	260	401	-0.35	0	0	0.0%	0	0	0.0%	4,181	6,554	-36.2%	0	0	0.0%
ALUMINUM	A38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
ALUMINUM	AEP	0	0	0.0%	0	0	0	360	804	-55.2%	0	0	0.0%	0	78	-100.0%	12,305	22,655	-45.7%
ALUMINUM	ALA	0	0	0.0%	0	0	0	150	2,910	-94.8%	0	0	0.0%	0	0	0.0%	5,475	5,350	2.3%
ALUMINUM	ALI	0	0	0.0%	0	88	-1	0	71	-100.0%	0	0	0.0%	0	4,197	-100.0%	0	1,021	-100.0%
ALUMINUM	AUP	0	0	0.0%	968	541	0.79	3,015	4,073	-26.0%	0	0	0.0%	6,873	2,076	231.1%	71,886	61,656	16.6%
ALUMINUM	CUP	0	-	-	0	-	0	0	-	-	0	-	25	-	-	180	-	-	
ALUMINUM	EDP	0	0	0.0%	0	0	0	1,098	240	357.5%	0	0	0.0%	17	44	-61.4%	11,704	8,926	31.1%
ALUMINUM	MJP	0	0	0.0%	0	39	-1	780	1,560	-50.0%	0	0	0.0%	76	260	-70.8%	10,139	11,388	-11.0%
COPPER	HGS	0	0	0.0%	0	0	0	1,096	100	996.0%	0	0	0.0%	0	0	0.0%	12,235	1,518	706.0%
E-MICRO GOLD	MGC	0	0	0.0%	166,039	126,540	0.31	0	0	0.0%	0	0	0.0%	1,236,878	839,889	47.3%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	86	50	0.72	1,415	0	0.0%	0	0	0.0%	362	85	325.9%	14,318	715	1,902.5%
GOLD	GPS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	1	-100.0%	0	0	0.0%
Gold Kilo	GCK	0	0	0.0%	0	294	-1	0	0	0.0%	0	0	0.0%	136	3,123	-95.6%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	0	580	-100.0%	0	0	0.0%	0	0	0.0%	0	8,562	-100.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	6	127	-0.95	432	4,429	-90.2%	0	0	0.0%	141	2,590	-94.6%	32,820	80,022	-59.0%
LNDN ZINC	ZNC	0	0	0.0%	1,677	10	166.7	0	0	0.0%	0	0	0.0%	5,943	95	6,155.8%	0	0	0.0%
METALS	LED	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	0	0	0.0%	-	0	0.0%
SILVER	SIL	0	0	0.0%	7,226	5,614	0.29	0	0	0.0%	0	0	0.0%	67,848	53,419	27.0%	0	0	0.0%

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Commodity Indicator	Open Outcry SEP 2018	Open Outcry SEP 2017	% CHG	ELEC SEP 2018	ELEC SEP 2017	% CHG	CME ClearPort SEP 2018	CME ClearPort SEP 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG	CME ClearPort Y.T.D 2018	CME ClearPort Y.T.D 2017	% CHG	
Metals Options																			
COMEX COPPER	HX	0	0	0.0%	29,910	17,787	0.68	8,951	0	0.0%	0	0	0.0%	171,016	54,129	215.9%	68,477	2,679	2,456.1%
COMEX GOLD	OG	0	0	0.0%	545,202	819,893	-0.34	204,406	211,100	-3.2%	0	0	0.0%	6,815,620	5,887,525	15.8%	1,902,390	1,714,857	10.9%
COMEX SILVER	SO	0	0	0.0%	114,527	119,402	-0.04	36,645	10,601	245.7%	0	0	0.0%	1,162,795	996,933	16.6%	254,106	116,725	117.7%
COPPER	H1E	0	-	-	0	-	0	-	-	0	-	-	8	-	-	0	-	-	
COPPER	H2E	0	-	-	6	-	0	-	-	0	-	-	113	-	-	0	-	-	
COPPER	H3E	0	-	-	6	-	0	-	-	0	-	-	101	-	-	0	-	-	
COPPER	H4E	0	-	-	13	-	0	-	-	0	-	-	169	-	-	0	-	-	
COPPER	H5E	0	-	-	0	-	0	-	-	0	-	-	12	-	-	0	-	-	
GOLD	OG1	0	0	0.0%	10,868	2,619	3.15	0	200	-100.0%	0	0	0.0%	93,624	26,586	252.2%	1,460	650	124.6%
GOLD	OG2	0	0	0.0%	8,112	1,552	4.23	0	0	0.0%	0	0	0.0%	77,423	26,345	193.9%	3,170	2,658	19.3%
GOLD	OG3	0	0	0.0%	6,166	3,547	0.74	0	250	-100.0%	0	0	0.0%	91,753	30,832	197.6%	3,750	1,915	95.8%
GOLD	OG4	0	0	0.0%	13,038	2,837	3.6	500	100	400.0%	0	0	0.0%	62,903	16,288	286.2%	1,750	250	600.0%
GOLD	OG5	0	0	0.0%	0	3,840	-1	0	0	0.0%	0	0	0.0%	26,028	9,631	170.3%	0	0	0.0%
HOT ROLLED COIL STEEL CALL	HRO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	0	2,620	-100.0%	0	0	0.0%	0	0	0.0%	200	15,822	-98.7%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	0	1,960	-100.0%	0	0	0.0%	0	0	0.0%	1,280	23,655	-94.6%
NIKKEI 225 (YEN) STOCK	H1E	0	-	-	6	-	0	-	-	0	-	-	27	-	-	0	-	-	
NYMEX PLATINUM	PO	0	0	0.0%	1,498	1,196	0.25	3,350	1,337	150.6%	0	0	0.0%	17,347	9,929	74.7%	19,851	14,901	33.2%
PALLADIUM	PAO	0	0	0.0%	1,151	1,543	-0.25	935	2,395	-61.0%	0	0	0.0%	13,820	10,391	33.0%	12,817	38,925	-67.1%
SILVER	SO1	0	0	0.0%	738	0	0	0	0	0.0%	0	0	0.0%	3,774	517	630.0%	0	25	-100.0%
SILVER	SO2	0	0	0.0%	738	0	0	0	0	0.0%	0	0	0.0%	3,168	194	1,533.0%	0	0	0.0%
SILVER	SO3	0	0	0.0%	850	8	105.25	0	0	0.0%	0	0	0.0%	5,358	585	815.9%	0	0	0.0%
SILVER	SO4	0	0	0.0%	1,165	14	82.21	0	0	0.0%	0	0	0.0%	2,792	128	2,081.3%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	1	-1	0	0	0.0%	0	0	0.0%	2,092	4	52,200.0%	0	0	0.0%
TOTAL FUTURES GROUP																			
Ag Products Futures		0	0	0.0%	9	5	80.0%	0	0	0.0%	0	0	0.0%	76	181	-58.0%	0	0	0.0%
Energy Futures		0	0	0.0%	39,282,872	44,480,693	-11.7%	2,475,720	3,051,928	-18.9%	0	0	0.0%	394,409,700	395,188,643	-0.2%	24,381,252	33,845,555	-28.0%
Metals Futures		0	0	0.0%	10,096,697	11,689,694	-13.6%	271,437	309,267	-12.2%	0	0	0.0%	111,659,717	91,934,975	21.5%	3,386,651	2,861,347	18.4%
TOTAL FUTURES		0	0	0.0%	49,379,578	56,170,392	-12.1%	2,747,157	3,361,195	-18.3%	0	0	0.0%	506,069,493	487,123,799	3.9%	27,767,903	36,706,902	-24.4%



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TOTAL OPTIONS GROUP																		
Energy Options	0	0	0.0%	4,287,065	3,610,310	18.7%	1,705,692	2,126,320	-19.8%	0	0	0.0%	38,236,641	38,322,491	-0.2%	17,766,808	22,608,184	-21.4%
Metals Options	0	0	0.0%	733,994	974,239	-24.7%	254,787	230,563	10.5%	0	0	0.0%	8,549,943	7,070,017	20.9%	2,269,251	1,933,062	17.4%
TOTAL OPTIONS	0	0	0.0%	5,021,059	4,584,549	9.5%	1,960,479	2,356,883	-16.8%	0	0	0.0%	46,786,584	45,392,508	3.1%	20,036,059	24,541,246	-18.4%
TOTAL COMBINED																		
Ag Products	0	0	0.0%	9	5	80.0%	0	0	0.0%	0	0	0.0%	76	181	-58.0%	0	0	0.0%
Energy	0	0	0.0%	43,569,937	48,091,003	-9.4%	4,181,412	5,178,248	-19.3%	0	0	0.0%	432,646,341	433,511,134	-0.2%	42,148,060	56,453,739	-25.3%
Metals	0	0	0.0%	10,830,691	12,663,933	-14.5%	526,224	539,830	-2.5%	0	0	0.0%	120,209,660	99,004,992	21.4%	5,655,902	4,794,409	18.0%
GRAND TOTAL	0	0	0.0%	54,400,637	60,754,941	-10.5%	4,707,636	5,718,078	-17.7%	0	0	0.0%	552,856,077	532,516,307	3.8%	47,803,962	61,248,148	-22.0%

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