

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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	0	0	0	0.0%	0	0	0.0%	5	81	-93.8%	0	0	0.0%	
COFFEE	KT	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%	0	0	0	0	0.0%	0	0	0.0%	2	15	-86.7%	0	0	0.0%	
SUGAR 11	YO	0	0	0.0%	0	5	-1	0	0.0%	0	0	0.0%	58	37	56.8%	0	0	0.0%	
Energy Futures																			
CRUDE OIL PHY	CL	0	0	0.0%	22,689,538	27,094,330	-0.16	366,688	523,771	-30.0%	0	0	0.0%	187,583,797	170,939,823	9.7%	3,268,888	3,941,302	-17.1%
CRUDE OIL	WS	0	0	0.0%	0	0	0	4,800	5,704	-15.8%	0	0	0.0%	89	204	-56.4%	15,050	38,779	-61.2%
MINY WTI CRUDE OIL	QM	0	0	0.0%	403,151	254,223	0.59	0	0	0.0%	0	0	0.0%	2,380,009	1,815,186	31.1%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,610,194	1,410,009	0.14	40,833	24,987	63.4%	0	0	0.0%	12,573,585	13,629,912	-7.8%	276,656	149,626	84.9%
HEATING OIL PHY	HO	0	0	0.0%	3,171,255	3,405,108	-0.07	154,960	195,979	-20.9%	0	0	0.0%	26,230,278	22,666,226	15.7%	1,319,537	1,688,900	-21.9%
HTG OIL	BH	0	0	0.0%	0	0	0	36	36	0.0%	0	0	0.0%	0	84	-100.0%	84	84	0.0%
MINY HTG OIL	QH	0	0	0.0%	4	4	0	0	0	0.0%	0	0	0.0%	22	18	22.2%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	3,776,733	3,766,073	0	182,669	299,695	-39.0%	0	0	0.0%	27,333,173	27,073,209	1.0%	1,536,074	2,074,538	-26.0%
MINY RBOB GAS	QU	0	0	0.0%	4	3	0.33	0	0	0.0%	0	0	0.0%	23	31	-25.8%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	31,291	33,126	-0.06	43,554	86,340	-49.6%	0	0	0.0%	342,255	255,475	34.0%	476,404	814,410	-41.5%
LTD NAT GAS	HH	0	0	0.0%	146,864	118,378	0.24	117,165	136,462	-14.1%	0	0	0.0%	1,463,095	834,426	75.3%	925,882	1,239,470	-25.3%
MINY NATURAL GAS	QG	0	0	0.0%	18,448	16,566	0.11	12	0	0.0%	0	0	0.0%	185,986	184,590	0.8%	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%	6,867,404	7,302,983	-0.06	224,208	212,300	5.6%	0	0	0.0%	59,742,918	58,613,942	1.9%	1,940,078	2,029,328	-4.4%
RBOB GAS	RT	0	0	0.0%	0	0	0	36	5,182	-99.3%	0	0	0.0%	0	0	0.0%	14,374	15,952	-9.9%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	452	877	-48.5%
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	170	-44.1%
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	11,970	6,155	94.5%	0	0	0.0%	30	60	-50.0%	172,071	42,670	303.3%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	3,918	3,541	10.6%	0	0	0.0%	0	0	0.0%	40,301	13,095	207.8%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	2,024	837	141.8%	0	0	0.0%	0	0	0.0%	17,151	6,594	160.1%
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	993	-100.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	135	190	-28.9%	0	0	0.0%	0	0	0.0%	185	478	-61.3%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	1,669	3,959	-57.8%	0	0	0.0%	0	0	0.0%	24,992	16,920	47.7%
BRENT CFD SWAP	6W	0	-	-	0	-	-	0	-	-	0	-	0	-	-	-	300	-	-
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	835	-100.0%	0	0	0.0%	0	0	0.0%	13,264	41,011	-67.7%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	127	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	80	-100.0%	0	0	0.0%	0	0	0.0%	224	200	12.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	0	0.0%	0	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	15	-100.0%	0	0	0.0%	0	0	0.0%	0	6,999	-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	-	-	0	-	-	0	-	-	0	-	2,076	-	-	-	0	-	-
CEU ENERGY	TTF	0	-	-	482	-	-	0	-	-	0	-	7,170	-	-	-	10	-	-
CEU ENERGY	UKG	0	-	-	6,192	-	-	150	-	-	0	-	39,226	-	-	-	150	-	-
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	15	136	-0.89	66,938	72,458	-7.6%	0	0	0.0%	1,845	1,525	21.0%	690,391	793,776	-13.0%
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	550	99	455.6%	0	0	0.0%	0	0	0.0%	2,534	981	158.3%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	125	0	0.0%	0	0	0.0%	0	0	0.0%	750	0	0.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	540	-100.0%	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	80,000	-100.0%	0	0	0.0%	0	0	0.0%	0	262,680	-100.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	1,216	855	42.2%	0	0	0.0%	0	0	0.0%	8,796	13,668	-35.6%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	104,240	-100.0%	0	0	0.0%	0	0	0.0%	0	381,000	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	230	2,205	-89.6%	0	0	0.0%	0	0	0.0%	230	24,975	-99.1%
COAL SWAP	ACM	0	0	0.0%	0	0	0	30	25	20.0%	0	0	0.0%	0	0	0.0%	450	1,180	-61.9%

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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	999	-100.0%	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	1,332	-100.0%	0	0	0.0%	0	0	0.0%	0	1,332	-100.0%	
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	89	242	-63.2%	0	0	0.0%	0	0	0.0%	1,314	1,789	-26.6%	
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	209	339	-38.3%	0	0	0.0%	0	0	0.0%	2,426	5,263	-53.9%	
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	13,364	10,865	23.0%	0	0	0.0%	31	39	-20.5%	110,899	61,250	81.1%	
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	5,150	5,870	-12.3%	0	0	0.0%	0	1	-100.0%	33,955	27,400	23.9%	
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	243	86	182.6%	0	0	0.0%	0	0	0.0%	1,797	3,841	-53.2%	
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	600	-100.0%	
CRUDE OIL OUTRIGHTS	CPD	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	420	-100.0%	0	0	0.0%	0	0	0.0%	5	1,900	-99.7%	
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	99	1,050	-90.6%	
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	230	-100.0%	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	40,225	5,740	600.8%	0	0	0.0%	0	0	0.0%	372,418	63,175	489.5%	
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	290	240	20.8%	
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	0	0	360	-100.0%	0	0	0.0%	0	0	0.0%	0	705	-100.0%	
CRUDE OIL OUTRIGHTS	UMD	0	-	-	0	-	0	-	-	0	-	-	0	-	-	4,800	-	-	
CRUDE OIL OUTRIGHTS	UNS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	7,554	-	-	
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	615	-100.0%	0	0	0.0%	0	0	0.0%	0	24,737	-100.0%	
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	2,758	10,695	-74.2%	0	0	0.0%	0	0	0.0%	53,950	29,710	81.6%	
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	29,726	1,300	2,186.6%	0	0	0.0%	0	50	-100.0%	343,516	34,089	907.7%	
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	AOR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	IDO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	NOC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PAP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PEO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	

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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	85	2,580	-96.7%	0	0	0.0%	0	0	0.0%	3,135	9,600	-67.3%
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	3	-100.0%	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	6,081	-100.0%	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	2,075	5,460	-62.0%	0	0	0.0%	0	0	0.0%	14,027	66,799	-79.0%
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	15	0	0.0%	0	0	0.0%	0	0	0.0%	245	4,215	-94.2%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	30	10	200.0%	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	31	674	-95.4%	0	0	0.0%	0	0	0.0%	1,480	6,118	-75.8%
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%

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Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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	690	-100.0%	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	1,680	16.1%	
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	14,720	33.2%	
ERCOT NORTH ZMCPE 5MW PE	I5	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,050	2,510	101.2%	
ETHANOL SWAP	MT2	0	-	0	-	-	120	-	-	0	-	-	0	-	-	250	-	-	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0.0%	0	0	0	2,339	3,372	-30.6%	0	0	0.0%	0	0	0.0%	20,610	27,525	-25.1%	
EURO 1% FUEL OIL NEW BALM	KX	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	23	18	27.8%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0.0%	0	0	0	701	141	397.2%	0	0	0.0%	0	0	0.0%	4,710	3,391	38.9%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0.0%	0	0	0	17	680	-97.5%	0	0	0.0%	0	0	0.0%	709	3,963	-82.1%	
EURO-DENOMINATED PETRO P	NCP	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,340	-100.0%	
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	0	0.0%	0	0	0.0%	0	0	0.0%	370	278	33.1%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0.0%	0	0	0	48	0	0.0%	0	0	0.0%	0	0	0.0%	366	663	-44.8%	
EUROPE 1% FUEL OIL RDAM C	UH	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	3	36	-91.7%	
EUROPE 3.5% FUEL OIL MED	UI	0	0.0%	0	0	0	2	5	-60.0%	0	0	0.0%	0	0	0.0%	673	1,164	-42.2%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0.0%	0	0	0	7,697	3,379	127.8%	0	0	0.0%	0	0	0.0%	64,334	57,518	11.9%	
EUROPEAN GASOIL (ICE)	7F	0	0.0%	318	3,401	-0.91	0	0	0.0%	0	0	0.0%	3,317	23,621	-86.0%	0	0	0.0%	
EUROPEAN NAPHTHA BALMO	KZ	0	0.0%	0	0	0	410	260	57.7%	0	0	0.0%	0	0	0.0%	2,012	2,739	-26.5%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0.0%	0	0	0	7,925	7,013	13.0%	0	0	0.0%	0	0	0.0%	63,590	50,830	25.1%	
EUROPE DATED BRENT SWAP	UB	0	0.0%	0	0	0	0	1,400	-100.0%	0	0	0.0%	0	0	0.0%	0	1,816	-100.0%	
EUROPE JET KERO NWE CALS	UJ	0	0.0%	0	0	0	6	0	0.0%	0	0	0.0%	0	0	0.0%	21	60	-65.0%	
EUROPE NAPHTHA CALSWAP	UN	0	0.0%	0	0	0	4,080	3,380	20.7%	0	0	0.0%	0	0	0.0%	23,529	19,958	17.9%	
EURO PROPANE CIF ARA SWA	PS	0	0.0%	0	0	0	1,189	810	46.8%	0	0	0.0%	0	0	0.0%	12,517	7,963	57.2%	
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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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	177	180	-1.7%	0	0	0.0%	0	0	0.0%	785	881	-10.9%
FREIGHT MARKETS	FRC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	540	-	-
FREIGHT MARKETS	FRS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
FREIGHT MARKETS	T2D	0	-	-	0	-	330	-	-	0	-	-	0	-	-	1,938	-	-
FREIGHT MARKETS	TC6	0	-	-	0	-	0	-	-	0	-	-	0	-	-	240	-	-
FREIGHT MARKETS	TD3	0	-	-	0	-	30	-	-	0	-	-	0	-	-	30	-	-
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	2,312	1,527	51.4%	0	0	0.0%	0	0	0.0%	30,447	31,586	-3.6%
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	48	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	203	295	-31.2%	0	0	0.0%	0	0	0.0%	1,713	2,386	-28.2%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	7,209	5,446	32.4%	0	0	0.0%	0	0	0.0%	55,668	50,137	11.0%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	13,153	14,159	-7.1%	0	0	0.0%	0	0	0.0%	139,577	132,432	5.4%
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%	5	150	-96.7%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	95	0	0.0%	0	0	0.0%	0	0	0.0%	1,255	80	1,468.8%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0	0	25	-100.0%	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	72	-100.0%	0	0	0.0%	0	0	0.0%	12	532	-97.7%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	48	241	-80.1%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	1,524	5,308	-71.3%	0	0	0.0%	0	0	0.0%	32,720	55,883	-41.4%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	384	23	1,569.6%	0	0	0.0%	0	0	0.0%	1,270	1,003	26.6%
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	125	-100.0%	0	0	0.0%	0	0	0.0%	185	125	48.0%
GROUP THREE UNLEAD GAS (P	A9	0	-	-	0	-	0	-	-	0	-	-	0	-	-	425	-	-
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	2,060	5,461	-62.3%	0	0	0.0%	0	0	0.0%	24,838	21,210	17.1%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	2,160	425	408.2%	0	0	0.0%	0	0	0.0%	13,792	3,654	277.4%

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Energy Futures																			
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	1,846	915	101.7%	0	0	0.0%	0	0	0.0%	10,485	9,111	15.1%
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	60	355	-83.1%	0	0	0.0%	0	0	0.0%	915	901	1.6%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	27,628	34,721	-20.4%	0	0	0.0%	0	0	0.0%	271,668	302,818	-10.3%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	47,665	40,385	18.0%	0	0	0.0%	0	0	0.0%	426,001	375,106	13.6%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	835	495	68.7%	0	0	0.0%	0	0	0.0%	14,343	9,915	44.7%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	98	532	-81.6%	0	0	0.0%	0	0	0.0%	1,810	4,000	-54.8%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	1,700	-100.0%	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	0	100	-100.0%	0	0	0.0%	0	0	0.0%	223	830	-73.1%
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	0	2,720	-100.0%	0	0	0.0%	0	2,996	-100.0%	7,432	48,024	-84.5%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	3,975	59	66.37	0	0	0.0%	0	0	0.0%	18,046	59	30,486.4%	0	0	0.0%
HENRY HUB FINANCIAL LAST	TTE	0	0	0.0%	69	92	-0.25	0	0	0.0%	0	0	0.0%	777	92	744.6%	0	0	0.0%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	0	2,108	-100.0%	0	0	0.0%	0	2,996	-100.0%	7,432	45,834	-83.8%
HENRY HUB SWAP	NN	0	0	0.0%	671	244	1.75	201,790	245,871	-17.9%	0	0	0.0%	54,635	59,903	-8.8%	1,157,440	1,140,074	1.5%
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	1,713	-100.0%	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	719	-100.0%	0	0	0.0%	0	0	0.0%	0	719	-100.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	7,850	400	1,862.5%	0	0	0.0%	0	0	0.0%	71,498	69,463	2.9%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	0	0	0	9	-100.0%	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	-	-	240	-	-	0	-	0	-	-	-	775	-	-
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 JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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	72	-100.0%	0	0	0.0%	0	0	0.0%	1,689	3,885	-56.5%	
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	2,037	894	127.9%	0	0	0.0%	0	0	0.0%	14,993	11,505	30.3%	
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	185	90	105.6%	0	0	0.0%	0	0	0.0%	401	1,314	-69.5%	
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%	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%	
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	138	129	7.0%	0	0	0.0%	0	0	0.0%	630	824	-23.5%	
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	5	-100.0%	
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	42	-100.0%	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	3,420	5,056	-32.4%	0	0	0.0%	0	0	0.0%	42,257	51,172	-17.4%	
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%	
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	775	150	416.7%	0	0	0.0%	0	0	0.0%	2,525	1,220	107.0%	
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	4,075	1,550	162.9%	
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	25	-100.0%	
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	1,115	1,035	7.7%	0	0	0.0%	0	0	0.0%	16,255	12,120	34.1%	
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	2,530	2,438	3.8%	0	0	0.0%	0	15	-100.0%	44,420	24,988	77.8%	
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	150	5,830	-97.4%	0	0	0.0%	0	0	0.0%	18,700	21,851	-14.4%	
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	6,165	12,545	-50.9%	0	0	0.0%	0	0	0.0%	171,635	134,129	28.0%	
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	200	0	0.0%	0	0	0.0%	0	200	-100.0%	2,319	11,028	-79.0%	
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	285	0	21,035	36,344	-42.1%	0	0	0.0%	714	0	0.0%	173,314	353,243	-50.9%	
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	3,013	3,151	-4.4%	0	0	0.0%	0	0	0.0%	23,877	39,815	-40.0%	
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	130	197	-34.0%	
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	30	180	-83.3%	0	0	0.0%	0	0	0.0%	533	934	-42.9%	
MICHCON NG INDEX SWAP	Y8	-	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	2,592	-100.0%	
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	59,040	-100.0%	
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,195	-100.0%	
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	552	624	-11.5%	0	0	0.0%	0	0	0.0%	2,686	3,796	-29.2%	
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	851	402	111.7%	0	0	0.0%	0	0	0.0%	2,660	2,947	-9.7%	
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	1,614	3,372	-52.1%	0	0	0.0%	0	0	0.0%	11,459	18,151	-36.9%	
MJC FUT	MJC	0	0	0.0%	0	0	50	35	42.9%	0	0	0.0%	0	0	0.0%	1,245	705	76.6%	
MNC FUT	MNC	0	0	0.0%	0	0	3,792	3,817	-0.7%	0	0	0.0%	0	0	0.0%	26,217	31,079	-15.6%	
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	11,511	12,293	-6.4%	0	0	0.0%	0	0	0.0%	105,489	174,101	-39.4%	
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	1,160	2,272	-48.9%	
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	48	26	0.85	93,941	72,162	30.2%	0	0	0.0%	136	170	-20.0%	852,084	615,236	38.5%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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	80	0	0.0%	0	0	0	2,472	1,495	65.4%	0	0	0.0%	0	0	0.0%	20,626	12,805	61.1%
MONT BELVIEU NATURAL GAS	7Q	0	0.0%	0	0	0	4,528	3,408	32.9%	0	0	0.0%	0	0	0.0%	58,803	29,966	96.2%
MONT BELVIEU NATURAL GAS	R0	0	0.0%	0	0	0	215	145	48.3%	0	0	0.0%	0	0	0.0%	2,844	1,783	59.5%
MONT BELVIEU NORMAL BUTA	D0	0	0.0%	0	0	0	39,530	23,552	67.8%	0	0	0.0%	0	0	0.0%	225,797	195,610	15.4%
MONT BELVIEU NORMAL BUTA	8J	0	0.0%	0	0	0	2,284	294	676.9%	0	0	0.0%	0	0	0.0%	7,496	5,281	41.9%
NAT GAS BASIS SWAP	TZ6	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,737	-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	360	-100.0%	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	7	-1	21,360	63,068	-66.1%	0	0	0.0%	0	58	-100.0%	249,706	632,999	-60.6%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	79,520	221,100	-64.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0.0%	0	0	0	0	690	-100.0%	0	0	0.0%	0	0	0.0%	4,376	15,670	-72.1%
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%
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	450	900	-50.0%	0	0	0.0%	0	0	0.0%	9,636	4,610	109.0%
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%
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%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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																			
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0	0	1,200	-100.0%	0	0	0.0%	0	0	0.0%	400	2,344	-82.9%	
NGPL MIDCONTINENT INDEX	IW	-	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	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	3,088	-100.0%	0	0	0.0%	0	0	0.0%	22,836	5,856	290.0%	
NGPL TEXOK INDEX	OI	-	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	0	95	0.0%	0	0	0.0%	0	0	0.0%	2,158	3,560	-39.4%	
NORTHEN 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%	
NORTHEN 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	1,738	-100.0%	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	334	-100.0%	0	0	0.0%	0	0	0.0%	0	334	-100.0%	
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	1,918	2,754	-30.4%	0	0	0.0%	0	0	0.0%	12,558	17,141	-26.7%
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	0	200	25	700.0%	0	0	0.0%	0	0	0.0%	1,200	3,110	-61.4%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	12	0	0	1,987	4,456	-55.4%	0	0	0.0%	58	3	1,833.3%	10,357	18,787	-44.9%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,695	4,048	-33.4%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	887	1,341	-33.9%	0	0	0.0%	0	0	0.0%	8,175	17,886	-54.3%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	360	1,670	-78.4%	0	0	0.0%	0	0	0.0%	7,307	11,080	-34.1%
NY H OIL PLATTS VS NYMEX	YH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO A	KA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYISO A OFF-PEAK	KB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	78	60	30.0%	0	0	0.0%	0	0	0.0%	246	267	-7.9%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	58	44	31.8%	0	0	0.0%	0	0	0.0%	465	1,514	-69.3%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	18	180	-90.0%	0	0	0.0%	0	0	0.0%	215	1,444	-85.1%
NYISO G	KG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO J	KJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	0.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	0	0	23,400	-100.0%	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%	0	6,815	-100.0%
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	0.0%

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Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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 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	0	0.0%	0	0	0.0%	0	0	0.0%	578,534	648,480	-10.8%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	3,240	-100.0%	0	0	0.0%	0	0	0.0%	18,284	47,955	-61.9%
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	2,550	-100.0%	0	0	0.0%	0	0	0.0%	0	22,295	-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	79	29	172.4%	0	0	0.0%	0	0	0.0%	213	7,720	-97.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	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	60	-100.0%	0	0	0.0%	0	0	0.0%	10	485	-97.9%
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	3,012	-100.0%	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	795	-100.0%	0	0	0.0%	0	0	0.0%	0	1,009	-100.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	176	50	252.0%	0	0	0.0%	0	0	0.0%	1,116	500	123.2%
PETROCHEMICALS	32	0	0	0.0%	0	0	64	67	-4.5%	0	0	0.0%	0	0	0.0%	1,175	778	51.0%
PETROCHEMICALS	51	0	-	-	0	-	0	-	-	0	-	-	0	-	-	23	-	-
PETROCHEMICALS	8I	0	0	0.0%	0	0	602	406	48.3%	0	0	0.0%	0	0	0.0%	5,640	4,275	31.9%
PETROCHEMICALS	91	0	0	0.0%	0	0	222	203	9.4%	0	0	0.0%	0	0	0.0%	2,944	1,489	97.7%
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	-	2,065	-	-	0	-	-	0	-	-	7,010	-	-
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	298	40	645.0%	0	0	0.0%	0	0	0.0%	1,378	70	1,868.6%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	110	30	266.7%	0	0	0.0%	0	0	0.0%	761	185	311.4%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	470	1,900	-75.3%	0	0	0.0%	0	0	0.0%	5,700	8,725	-34.7%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	1,454	2,279	-36.2%	0	0	0.0%	0	0	0.0%	15,280	10,969	39.3%
PETROCHEMICALS	MPS	0	0	0.0%	0	0	90	0	0.0%	0	0	0.0%	0	0	0.0%	770	10	7,600.0%
PETRO CRCKS & SPRDS ASIA	JNC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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	STI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	142	-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	10	420	-97.6%	0	0	0.0%	0	0	0.0%	509	1,310	-61.1%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	2,090	260	703.8%	0	0	0.0%	0	0	0.0%	9,220	1,055	773.9%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	2,247	1,937	16.0%	0	0	0.0%	0	0	0.0%	20,730	18,180	14.0%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,375	5,703	-5.8%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	1,570	985	59.4%	0	0	0.0%	0	0	0.0%	8,735	5,670	54.1%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	1,740	800	117.5%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	1,524	752	102.7%	0	0	0.0%	0	0	0.0%	10,364	8,987	15.3%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	142	42	238.1%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	8,318	2,919	185.0%	0	0	0.0%	0	0	0.0%	93,784	44,303	111.7%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	15	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	60	7,770	-99.2%	0	0	0.0%	0	0	0.0%	6,941	24,749	-72.0%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
PETRO CRCKS & SPRDS NA	MFR	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	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	300	-100.0%	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%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	3,616	6,860	-47.3%	0	0	0.0%	0	0	0.0%	38,419	61,132	-37.2%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	12,057	15,645	-22.9%	0	0	0.0%	0	0	0.0%	123,897	109,127	13.5%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	33	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	2,134	1,297	64.5%	0	0	0.0%	0	0	0.0%	13,498	9,340	44.5%
PETRO CRK&SPRD EURO	1ND	0	-	-	0	-	0	-	-	0	-	-	0	-	-	100	-	-
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	435	224	94.2%	0	0	0.0%	0	0	0.0%	2,768	1,743	58.8%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	1,217	1,113	9.3%	0	0	0.0%	0	0	0.0%	13,320	15,079	-11.7%
PETRO CRK&SPRD EURO	EGB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
PETRO CRK&SPRD EURO	EGN	0	0	0.0%	0	0	0	18	-100.0%	0	0	0.0%	0	0	0.0%	0	18	-100.0%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	9	11	-18.2%	0	0	0.0%	0	0	0.0%	188	90	108.9%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	708	348	103.4%	0	0	0.0%	0	0	0.0%	6,676	2,753	142.5%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	2,249	1,368	64.4%	0	0	0.0%	0	0	0.0%	16,461	18,774	-12.3%
PETRO CRK&SPRD EURO	FBT	-	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%	30	0	0.0%
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%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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	GOC	0	0	0.0%	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	84	90	-6.7%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	70	14.3%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	163	719	-77.3%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	10	100.0%	0	0	0.0%	0	0	0.0%	132	114	15.8%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	1,488	85.1%	0	0	0.0%	0	0	0.0%	11,545	7,130	61.9%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	15	0.0%	0	0	0.0%	0	0	0.0%	125	155	-19.4%
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	0	3,952	323.1%	0	0	0.0%	0	0	0.0%	31,318	17,658	77.4%
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	116	-50.2%	0	0	0.0%	0	0	0.0%	1,044	1,644	-36.5%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	150	400.0%	0	0	0.0%	0	0	0.0%	564	152	271.1%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	1,308	-48.2%	0	0	0.0%	0	0	0.0%	13,889	14,707	-5.6%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	20	0.0%	0	0	0.0%	0	0	0.0%	84	83	1.2%
PETRO OUTRIGHT EURO	0C	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	0D	0	0	0.0%	0	0	0	1,187	-49.6%	0	0	0.0%	0	0	0.0%	9,745	17,649	-44.8%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	30	-92.4%	0	0	0.0%	0	0	0.0%	195	3,825	-94.9%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	353	-62.8%	0	0	0.0%	0	0	0.0%	4,089	8,800	-53.5%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	6	0.0%	0	0	0.0%	0	0	0.0%	21	60	-65.0%
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	10	0.0%	0	0	0.0%	0	0	0.0%	214	491	-56.4%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	25	-28.6%	0	0	0.0%	0	0	0.0%	167	497	-66.4%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	120	-51.0%	0	0	0.0%	0	0	0.0%	582	875	-33.5%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	236	-24.1%	0	0	0.0%	0	0	0.0%	2,142	1,851	15.7%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	105	5	2,000.0%
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	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	10	-77.3%	0	0	0.0%	0	0	0.0%	3,009	2,039	47.6%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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 OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	101	280	-63.9%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	102	-100.0%	0	0	0.0%	0	0	0.0%	0	428	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	65	130	-50.0%
PETRO OUTRIGHT EURO	ESB	0	0	0.0%	0	0	0	63	-100.0%	0	0	0.0%	0	0	0.0%	0	69	-100.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	665	604	10.1%	0	0	0.0%	0	0	0.0%	4,847	5,092	-4.8%
PETRO OUTRIGHT EURO	FBD	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	MBB	0	0	0.0%	0	0	10	100	-90.0%	0	0	0.0%	0	0	0.0%	171	480	-64.4%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	250	1,730	-85.5%	0	0	0.0%	0	0	0.0%	7,969	7,277	9.5%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	328	40	720.0%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	54	-100.0%	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	375	-100.0%
PETRO OUTRIGHT EURO	V0	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%
PETRO OUTRIGHT EURO	X0	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	57	496	-88.5%	0	0	0.0%	0	0	0.0%	560	1,350	-58.5%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT NA	GBA	-	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%
PETRO OUTRIGHT NA	JE	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	1,650	2,440	-32.4%	0	0	0.0%	0	0	0.0%	14,880	26,039	-42.9%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	625	650	-3.8%	0	0	0.0%	0	0	0.0%	3,710	950	290.5%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	161	-75.2%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	517	305	69.5%	0	0	0.0%	0	0	0.0%	2,933	4,369	-32.9%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	3,618	7,353	-50.8%	0	0	0.0%	0	0	0.0%	27,560	71,345	-61.4%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	13	-100.0%	0	0	0.0%	0	0	0.0%	100	203	-50.7%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	55	426	-87.1%
PETRO OUTRIGHT NA	NYT	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%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	9,344	-100.0%	0	0	0.0%	0	0	0.0%	28,032	273,469	-89.7%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	5,140	511	905.9%	0	0	0.0%	0	0	0.0%	12,653	19,441	-34.9%
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%

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Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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 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	1,905	-100.0%	0	0	0.0%	0	0	0.0%	5,100	77,840	-93.4%	
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	32,760	-100.0%	0	0	0.0%	0	0	0.0%	0	1,664,500	-100.0%	
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	23,400	-100.0%	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	1,275	-100.0%	0	0	0.0%	0	0	0.0%	22	39,026	-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%	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%	
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%	78,410	7,500	945.5%	
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,250	6,070	-30.0%	
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	0	56,840	-100.0%	0	0	0.0%	0	0.0%	294,000	1,846,225	-84.1%	
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	3,830	15,947	-76.0%	0	0	0.0%	0	0.0%	43,179	178,376	-75.8%	
PLASTICS	PGP	0	0	0.0%	0	0	0	90	437	-79.4%	0	0	0.0%	0	0.0%	2,544	3,815	-33.3%	
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	326	32	918.8%	0	0	0.0%	0	0.0%	1,859	408	355.6%	
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	31	32	-3.1%	0	0	0.0%	0	0.0%	355	152	133.6%	
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0.0%	80	7	1,042.9%		
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	6	0	0.0%	0	0.0%	0	0.0%	70	37	89.2%		
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	510	100	410.0%	0	0	0.0%	0	0.0%	3,691	3,907	-5.5%	
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	8,600	2,363	263.9%	0	0	0.0%	0	0.0%	81,132	49,813	62.9%	
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	10,131	7,325	38.3%	0	0	0.0%	0	5	-100.0%	39,992	48,705	-17.9%

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Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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																			
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	960	485	97.9%	0	0	0.0%	0	0	0.0%	9,153	2,564	257.0%
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	374	785	-52.4%	0	0	0.0%	0	0	0.0%	8,167	5,521	47.9%
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	2,380	-100.0%	0	0	0.0%	0	0	0.0%	1,975	14,850	-86.7%
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	27	2,040	-98.7%	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	55	50	10.0%	0	0	0.0%	0	0	0.0%	390	422	-7.6%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	323	146	121.2%	0	0	0.0%	0	0	0.0%	1,526	1,390	9.8%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	7,996	6,317	26.6%	0	0	0.0%	0	0	0.0%	61,763	75,963	-18.7%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	812	963	-15.7%	0	0	0.0%	0	0	0.0%	6,654	7,955	-16.4%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	140	763	-81.7%	0	0	0.0%	0	0	0.0%	5,451	5,609	-2.8%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	46	270	-83.0%	0	0	0.0%	0	0	0.0%	425	1,073	-60.4%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	4,697	4,294	9.4%	0	0	0.0%	0	0	0.0%	33,982	33,037	2.9%
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 A	GDH	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	50	-	-
SINGAPORE GASOIL CALEND A	GDL	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	250	-	-
SINGAPORE GASOIL CALEND A	GHS	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
SINGAPORE GASOIL CALEND A	MGO	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	200	-	-
SINGAPORE GASOIL CALEND A	MSG	0	0	0.0%	0	0	0	0	163	-100.0%	0	0	0.0%	0	0	0.0%	4,199	2,111	98.9%
SINGAPORE GASOIL CALEND A	SGG	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	325	-	-
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	2,400	9,669	-75.2%	0	0	0.0%	2	36	-94.4%	29,101	71,566	-59.3%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	8,381	3,455	142.6%	0	0	0.0%	0	0	0.0%	101,441	61,369	65.3%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	215	536	-59.9%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	4,000	1,565	155.6%	0	0	0.0%	0	0	0.0%	28,845	15,095	91.1%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	75	3,295	-97.7%	0	0	0.0%	0	0	0.0%	7,065	10,244	-31.0%
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%	25	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	620	57	987.7%	0	0	0.0%	0	0	0.0%	3,183	1,240	156.7%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	11,300	6,378	77.2%	0	0	0.0%	2	5	-60.0%	101,538	55,795	82.0%

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Energy Futures																			
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	-	-	200	-	-	
SING FUEL	MSD	0	0	0.0%	0	0	0	15	0	0.0%	0	0	0.0%	0	0	0.0%	95	40	137.5%
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	550	-100.0%	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	306	-100.0%	0	0	0.0%	0	0	0.0%	0	306	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	-	-	0	-	0	-	-	0	-	-	0	-	-	548	-	-	
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%	240	0	0.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	0	824	-100.0%	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	-	1,650	-	-	0	-	-	0	-	-	6,620	-	-	
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	453	-100.0%	0	0	0.0%	0	0	0.0%	0	8,000	-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	5,520	-100.0%	0	0	0.0%	0	0	0.0%	0	12,619	-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	10	47	-78.7%	0	0	0.0%	0	0	0.0%	60	245	-75.5%
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	6	-100.0%	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%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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 UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	4,080	2,575	58.4%	0	0	0.0%	0	0	0.0%	35,525	24,950	42.4%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	24,917	40,618	-38.7%	0	0	0.0%	0	0	0.0%	220,657	304,721	-27.6%
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	1,220	-100.0%	0	0	0.0%	0	0	0.0%	3,201	3,052	4.9%
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	10	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	0	0.0%	0	0	0.0%	0	0	0.0%	6,650	404	1,546.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	3	0	0	24,684	18,140	36.1%	0	0	0.0%	6	120	-95.0%	236,508	64,232	268.2%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	23,613	30,979	-23.8%	0	0	0.0%	0	0	0.0%	228,619	236,162	-3.2%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	6,662	3,480	91.4%	0	0	0.0%	0	0	0.0%	54,919	25,374	116.4%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	1,620	1,024	58.2%	0	0	0.0%	0	0	0.0%	3,570	3,944	-9.5%
Energy Options																			
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	230	-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	-	-	0.0%	3,000	-	-
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	440	1,875	-76.5%	0	0	0.0%	0	0	0.0%	4,745	5,297	-10.4%
BRENT CRUDE OIL 12 M CSO	9Y	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	2,000	-	-
BRENT CRUDE OIL 1 M CSO	9C	0	-	-	500	-	0	2,300	-	-	0	-	2,900	-	-	0.0%	371,438	-	-
BRENT CRUDE OIL 6 M CSO	9L	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	1,000	-	-
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	73,346	8,345	778.9%	0	0	0.0%	0	0	0.0%	248,409	24,295	922.5%
BRENT OIL LAST DAY	BZO	0	0	0.0%	114,122	12,343	8.25	62,600	24,962	150.8%	0	0	0.0%	406,855	36,909	1,002.3%	514,072	142,365	261.1%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	90	144	-37.5%	1,000	3,000	-66.7%	
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	680	955	-28.8%	0	0	0.0%	0	0	0.0%	4,905	8,021	-38.8%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	425	0	0.0%	0	0	0.0%	0	0	0.0%	3,305	610	441.8%
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%
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	140	-100.0%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	85	-100.0%
CRUDE OIL 1MO	WA	0	0	0.0%	12,200	17,425	-0.3	228,700	164,850	38.7%	0	0	0.0%	107,260	126,284	-15.1%	1,495,750	1,111,564	34.6%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	13,742	56,515	-75.7%	0	0	0.0%	331	52	536.5%	339,434	257,489	31.8%

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Commodity Indicator	Open Outcry JUL 2018	Open Outcry JUL 2017	% CHG	ELEC JUL 2018	ELEC JUL 2017	% CHG	CME ClearPort JUL 2018	CME ClearPort JUL 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																			
CRUDE OIL CALNDR STRIP	6F	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%	
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%	
CRUDE OIL OUTRIGHTS	WCI	0	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	
CRUDE OIL PHY	CD	0	0.0%	0	0	0	175	2,405	-92.7%	0	0	0.0%	0	0	0.0%	17,800	14,665	21.4%	
CRUDE OIL PHY	LC	0	0.0%	0	4	-1	1,799	10,566	-83.0%	0	0	0.0%	724	13	5,469.2%	66,430	205,509	-67.7%	
CRUDE OIL PHY	LO	0	0.0%	2,502,074	2,788,869	-0.1	539,058	634,039	-15.0%	0	0	0.0%	20,632,363	21,877,555	-5.7%	4,603,193	5,768,724	-20.2%	
CRUDE OIL PHY	LO1	0	0.0%	16,623	17,212	-0.03	0	0	0.0%	0	0	0.0%	97,073	88,864	9.2%	75	150	-50.0%	
CRUDE OIL PHY	LO2	0	0.0%	15,483	13,502	0.15	0	0	0.0%	0	0	0.0%	107,091	79,500	34.7%	250	200	25.0%	
CRUDE OIL PHY	LO3	0	0.0%	13,568	11,336	0.2	0	0	0.0%	0	0	0.0%	70,319	59,744	17.7%	325	200	62.5%	
CRUDE OIL PHY	LO4	0	0.0%	12,220	22,170	-0.45	0	0	0.0%	0	0	0.0%	106,744	114,122	-6.5%	50	200	-75.0%	
CRUDE OIL PHY	LO5	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	34,689	34,538	0.4%	225	250	-10.0%	
ELEC FINSETTLED	PML	-	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	820	-100.0%	
ETHANOL	CE1	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%	150	300	-50.0%	
ETHANOL SWAP	CVR	0	0.0%	0	0	0	3,470	4,365	-20.5%	0	0	0.0%	0	0	0.0%	54,505	35,802	52.2%	
ETHANOL SWAP	GVR	0	0.0%	0	0	0	120	465	-74.2%	0	0	0.0%	0	0	0.0%	2,193	1,385	58.3%	
EURO-DENOMINATED PETRO P	NWE	-	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%	
GASOLINE	GCE	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	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%	
HEATING OIL PHY	LB	0	0.0%	0	2	-1	10	50	-80.0%	0	0	0.0%	0	8	-100.0%	750	1,560	-51.9%	
HEATING OIL PHY	OH	0	0.0%	2,120	3,983	-0.47	26,068	19,484	33.8%	0	0	0.0%	39,927	35,110	13.7%	175,782	188,936	-7.0%	
HENRY HUB FINANCIAL LAST	E7	0	0.0%	0	0	0	6,477	3,136	106.5%	0	0	0.0%	5	0	0.0%	27,243	25,360	7.4%	
HO 1 MONTH CLNDR OPTIONS	FA	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%	
HUSTN SHIP CHNL PIPE SWP	PK	-	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%	100	5,100	-98.0%	
LLS CRUDE OIL	YVO	0	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	
MCCLOSKEY ARA ARGS COAL	MTO	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	255	1,290	-80.2%	
MCCLOSKEY RCH BAY COAL	MFO	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	1,905	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	450	-100.0%	
NATURAL GAS 1 M CSO FIN	G4	0	0.0%	987	795	0.24	17,050	8,900	91.6%	0	0	0.0%	1,141	995	14.7%	254,541	282,825	-10.0%	

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Energy Options																			
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	1,200	3,550	-66.2%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	3,150	7,625	-58.7%	0	0	0.0%	1	0	0.0%	38,045	80,425	-52.7%
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	1,600	2,250	-28.9%	0	0	0.0%	0	0	0.0%	69,250	36,820	88.1%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	1,800	1,440	25.0%	0	0	0.0%	0	0	0.0%	21,308	6,938	207.1%
NATURAL GAS PHY	KD	0	0	0.0%	5,759	3,902	0.48	4,990	32,155	-84.5%	0	0	0.0%	91,545	8,478	979.8%	58,035	228,690	-74.6%
NATURAL GAS PHY	LN	0	0	0.0%	670,354	955,597	-0.3	510,197	821,642	-37.9%	0	0	0.0%	7,181,141	6,808,244	5.5%	4,959,740	9,040,574	-45.1%
NATURAL GAS PHY	ON	0	0	0.0%	124,033	168,403	-0.26	12,476	9,072	37.5%	0	0	0.0%	1,137,441	1,368,688	-16.9%	69,899	52,678	32.7%
NATURAL GAS PHY	ON1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NG HH 3 MONTH CAL	IC	-	0	0.0%	-	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	112	360	-68.9%	0	0	0.0%	0	0	0.0%	1,072	2,856	-62.5%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	67	24	1.79	934	4,284	-78.2%	0	0	0.0%	410	413	-0.7%	17,778	24,735	-28.1%
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	0	0	475	555	-14.4%	0	0	0.0%	20	0	0.0%	3,621	3,374	7.3%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,350	2,450	-44.9%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	1,900	200	850.0%	0	0	0.0%	0	0	0.0%	2,100	200	950.0%
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	-	-	-	0	-	0	-	-	0	-	-	-
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	0	530	-100.0%	0	0	0.0%	0	0	0.0%	310	3,550	-91.3%
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	92	492	-81.3%	0	0	0.0%	0	0	0.0%	6,414	12,085	-46.9%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	1,458	-100.0%	0	0	0.0%	0	0	0.0%	700	2,008	-65.1%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	10	-100.0%	965	2,125	-54.6%
RBOB PHY	OB	0	0	0.0%	1,458	4,876	-0.7	7,392	19,528	-62.1%	0	0	0.0%	27,175	40,330	-32.6%	56,312	138,518	-59.3%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	125	85	47.1%
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	336	180	86.7%	0	0	0.0%	0	0	0.0%	1,758	1,980	-11.2%
SHORT TERM	U11	0	0	0.0%	110	0	0	100	840	-88.1%	0	0	0.0%	111	0	0.0%	1,125	3,290	-65.8%
SHORT TERM	U12	0	0	0.0%	0	0	0	250	90	177.8%	0	0	0.0%	85	0	0.0%	750	3,679	-79.6%



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Energy Options																			
SHORT TERM	U13	0	0	0.0%	0	0	0	0	420	-100.0%	0	0	0.0%	0	0	0.0%	100	2,085	-95.2%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	415	-100.0%	0	0	0.0%	13	0	0.0%	800	1,705	-53.1%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	127	0	0.0%	650	3,585	-81.9%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	66	0	0.0%	1,125	1,577	-28.7%
SHORT TERM	U23	0	0	0.0%	15	0	0	0	0	0.0%	0	0	0.0%	95	0	0.0%	500	1,022	-51.1%
SHORT TERM	U24	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	126	0	0.0%	300	1,970	-84.8%
SHORT TERM	U25	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	2	0	0.0%	100	300	-66.7%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	292	2.7%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	350	2,290	-84.7%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	95	0	0.0%	1,350	2,425	-44.3%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	20	0	0	550	0	0.0%	0	0	0.0%	50	0	0.0%	1,275	2,120	-39.9%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	925	730	26.7%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	80	0	0.0%	730	3,225	-77.4%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	225	460	-51.1%	0	0	0.0%	50	0	0.0%	825	5,625	-85.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	670	-100.0%	0	0	0.0%	1	0	0.0%	1,600	2,935	-45.5%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,375	3,385	-59.4%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	800	0	0.0%	0	0	0.0%	34	0	0.0%	1,500	2,700	-44.4%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	250	1,130	-77.9%	0	0	0.0%	0	0	0.0%	950	4,887	-80.6%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	103	0	0	0	0	0.0%	0	0	0.0%	150	0	0.0%	550	2,120	-74.1%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	13	0	0	0	1,020	-100.0%	0	0	0.0%	93	0	0.0%	2,200	2,929	-24.9%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	0	70	-100.0%	0	0	0.0%	22	0	0.0%	1,350	487	177.2%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	38	0	0	0	380	-100.0%	0	0	0.0%	98	0	0.0%	125	3,685	-96.6%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	10	0	0	200	290	-31.0%	0	0	0.0%	10	0	0.0%	500	2,805	-82.2%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	194	-100.0%	0	0	0.0%	3	0	0.0%	350	1,799	-80.5%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	1,870	-78.6%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	100	1,605	-93.8%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	10	0	0.0%	450	260	73.1%
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	3,055	-96.7%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%	25	0	0.0%	0	5,650	-100.0%
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-BRENT BULLET SWAP	BV	0	0	0.0%	1,250	600	1.08	33,815	6,752	400.8%	0	0	0.0%	136,511	5,620	2,329.0%	583,256	231,854	151.6%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	800	0	0	52,750	28,750	83.5%	0	0	0.0%	14,550	0	0.0%	534,050	382,950	39.5%

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Metals Futures																			
COMEX GOLD	GC	0	0	0.0%	6,989,474	5,735,118	0.22	241,695	221,920	8.9%	0	0	0.0%	49,728,173	36,959,202	34.5%	1,850,117	1,374,491	34.6%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	4,137	634	5.53	6,724	6,005	12.0%	0	0	0.0%	22,910	1,902	1,104.5%	43,900	29,280	49.9%
NYMEX PLATINUM	PL	0	0	0.0%	386,681	310,600	0.24	6,836	10,462	-34.7%	0	0	0.0%	3,131,234	2,553,611	22.6%	84,478	79,956	5.7%
PALLADIUM	PA	0	0	0.0%	93,629	78,393	0.19	4,982	4,332	15.0%	0	0	0.0%	794,777	800,771	-0.7%	34,458	43,821	-21.4%
URANIUM	UX	0	0	0.0%	21	0	0	500	286	74.8%	0	0	0.0%	131	427	-69.3%	1,833	3,798	-51.7%
COMEX SILVER	SI	0	0	0.0%	1,546,660	1,787,910	-0.13	35,746	41,808	-14.5%	0	0	0.0%	14,156,233	12,633,844	12.1%	425,104	312,021	36.2%
COMEX E-Mini GOLD	QO	0	0	0.0%	11,516	7,215	0.6	0	0	0.0%	0	0	0.0%	52,196	59,088	-11.7%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	1,123	915	0.23	0	0	0.0%	0	0	0.0%	8,566	6,399	33.9%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	2,807,297	1,732,299	0.62	25,898	8,202	215.8%	0	0	0.0%	20,174,838	13,851,951	45.6%	204,429	188,312	8.6%
COMEX MINY COPPER	QC	0	0	0.0%	360	370	-0.03	0	0	0.0%	0	0	0.0%	3,540	5,479	-35.4%	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	710	720	-1.4%	0	0	0.0%	0	78	-100.0%	11,510	17,711	-35.0%
ALUMINUM	ALA	0	0	0.0%	0	0	0	965	250	286.0%	0	0	0.0%	0	0	0.0%	4,965	450	1,003.3%
ALUMINUM	ALI	0	0	0.0%	0	332	-1	0	0	0.0%	0	0	0.0%	0	4,056	-100.0%	0	950	-100.0%
ALUMINUM	AUP	0	0	0.0%	964	226	3.27	4,237	4,506	-6.0%	0	0	0.0%	5,486	1,420	286.3%	65,828	50,252	31.0%
ALUMINUM	CUP	0	-	-	0	-	0	0	-	0.0%	0	-	-	25	-	-	180	-	-
ALUMINUM	EDP	0	0	0.0%	12	0	0	1,578	480	228.8%	0	0	0.0%	17	14	21.4%	10,230	4,516	126.5%
ALUMINUM	MJP	0	0	0.0%	0	44	-1	520	2,610	-80.1%	0	0	0.0%	76	221	-65.6%	8,299	8,118	2.2%
COPPER	HGS	0	0	0.0%	0	0	0	0	22	-100.0%	0	0	0.0%	0	0	0.0%	10,639	985	980.1%
E-MICRO GOLD	MGC	0	0	0.0%	126,651	81,456	0.55	0	0	0.0%	0	0	0.0%	906,697	606,072	49.6%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	9	0	0	735	30	2,350.0%	0	0	0.0%	111	35	217.1%	11,088	495	2,140.0%
GOLD	GPS	0	0	0.0%	0	1	-1	0	0	0.0%	0	0	0.0%	0	1	-100.0%	0	0	0.0%
Gold Kilo	GCK	0	0	0.0%	0	258	-1	0	0	0.0%	0	0	0.0%	136	2,535	-94.6%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	0	4,070	-100.0%	0	0	0.0%	0	0	0.0%	0	6,212	-100.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	38	158	-0.76	4,804	4,325	11.1%	0	0	0.0%	117	2,098	-94.4%	27,254	68,811	-60.4%
LNDN ZINC	ZNC	0	0	0.0%	1,538	0	0	0	0	0.0%	0	0	0.0%	2,831	85	3,230.6%	0	0	0.0%
METALS	LED	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SILVER	SIL	0	0	0.0%	6,645	5,431	0.22	0	0	0.0%	0	0	0.0%	51,187	36,817	39.0%	0	0	0.0%

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Metals Options																			
COMEX COPPER	HX	0	0	0.0%	24,105	5,989	3.02	11,035	0	0.0%	0	0	0.0%	121,363	25,910	368.4%	50,514	2,679	1,785.6%
COMEX GOLD	OG	0	0	0.0%	748,184	658,169	0.14	178,735	131,243	36.2%	0	0	0.0%	5,327,032	4,316,994	23.4%	1,374,966	1,254,448	9.6%
COMEX SILVER	SO	0	0	0.0%	114,859	118,204	-0.03	29,120	13,183	120.9%	0	0	0.0%	908,962	718,790	26.5%	159,206	92,716	71.7%
COPPER	H1E	0	-	-	2	-	0	-	-	0	-	-	2	-	-	0	-	-	
COPPER	H2E	0	-	-	47	-	0	-	-	0	-	-	54	-	-	0	-	-	
COPPER	H3E	0	-	-	0	-	0	-	-	0	-	-	5	-	-	0	-	-	
COPPER	H4E	0	-	-	80	-	0	-	-	0	-	-	116	-	-	0	-	-	
GOLD	OG1	0	0	0.0%	15,397	2,742	4.62	0	250	-100.0%	0	0	0.0%	73,355	18,743	291.4%	1,460	450	224.4%
GOLD	OG2	0	0	0.0%	12,973	2,926	3.43	0	50	-100.0%	0	0	0.0%	60,175	19,146	214.3%	3,120	900	246.7%
GOLD	OG3	0	0	0.0%	14,126	1,690	7.36	0	0	0.0%	0	0	0.0%	71,310	23,425	204.4%	3,750	1,665	125.2%
GOLD	OG4	0	0	0.0%	7,159	2,568	1.79	0	0	0.0%	0	0	0.0%	41,416	11,084	273.7%	1,250	150	733.3%
GOLD	OG5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	15,375	5,791	165.5%	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	300	-100.0%	0	0	0.0%	0	0	0.0%	200	8,452	-97.6%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	0	2,580	-100.0%	0	0	0.0%	0	0	0.0%	1,280	17,195	-92.6%
NIKKEI 225 (YEN) STOCK	H1E	0	-	-	11	-	0	-	-	0	-	-	11	-	-	0	-	-	
NYMEX PLATINUM	PO	0	0	0.0%	3,646	1,678	1.17	3,110	1,561	99.2%	0	0	0.0%	12,565	6,652	88.9%	15,801	11,300	39.8%
PALLADIUM	PAO	0	0	0.0%	1,080	1,166	-0.07	975	5,565	-82.5%	0	0	0.0%	11,390	6,957	63.7%	9,832	24,966	-60.6%
SILVER	SO1	0	0	0.0%	1,139	14	80.36	0	0	0.0%	0	0	0.0%	2,345	498	370.9%	0	25	-100.0%
SILVER	SO2	0	0	0.0%	581	24	23.21	0	0	0.0%	0	0	0.0%	1,793	188	853.7%	0	0	0.0%
SILVER	SO3	0	0	0.0%	1,507	0	0	0	0	0.0%	0	0	0.0%	3,274	567	477.4%	0	0	0.0%
SILVER	SO4	0	0	0.0%	274	17	15.12	0	0	0.0%	0	0	0.0%	1,250	114	996.5%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	1,181	3	39,266.7%	0	0	0.0%
TOTAL FUTURES GROUP																			
Ag Products Futures		0	0	0.0%	0	5	-100.0%	0	0	0.0%	0	0	0.0%	65	173	-62.4%	0	0	0.0%
Energy Futures		0	0	0.0%	38,726,956	43,404,768	-10.8%	2,108,899	2,883,230	-26.9%	0	0	0.0%	317,963,301	296,105,080	7.4%	19,429,270	27,296,865	-28.8%
Metals Futures		0	0	0.0%	11,976,755	9,741,360	22.9%	335,930	310,028	8.4%	0	0	0.0%	89,039,281	67,526,106	31.9%	2,794,312	2,190,209	27.6%
TOTAL FUTURES		0	0	0.0%	50,703,711	53,146,133	-4.6%	2,444,829	3,193,258	-23.4%	0	0	0.0%	407,002,647	363,631,359	11.9%	22,223,582	29,487,074	-24.6%



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TOTAL OPTIONS GROUP																		
Energy Options	0	0	0.0%	3,493,927	4,021,043	-13.1%	1,611,084	1,886,064	-14.6%	0	0	0.0%	30,197,677	30,685,621	-1.6%	14,648,833	18,449,962	-20.6%
Metals Options	0	0	0.0%	945,170	795,187	18.9%	222,975	154,732	44.1%	0	0	0.0%	6,652,974	5,154,862	29.1%	1,621,379	1,414,946	14.6%
TOTAL OPTIONS	0	0	0.0%	4,439,097	4,816,230	-7.8%	1,834,059	2,040,796	-10.1%	0	0	0.0%	36,850,651	35,840,483	2.8%	16,270,212	19,864,908	-18.1%
TOTAL COMBINED																		
Ag Products	0	0	0.0%	0	5	-100.0%	0	0	0.0%	0	0	0.0%	65	173	-62.4%	0	0	0.0%
Energy	0	0	0.0%	42,220,883	47,425,811	-11.0%	3,719,983	4,769,294	-22.0%	0	0	0.0%	348,160,978	326,790,701	6.5%	34,078,103	45,746,827	-25.5%
Metals	0	0	0.0%	12,921,925	10,536,547	22.6%	558,905	464,760	20.3%	0	0	0.0%	95,692,255	72,680,968	31.7%	4,415,691	3,605,155	22.5%
GRAND TOTAL	0	0	0.0%	55,142,808	57,962,363	-4.9%	4,278,888	5,234,054	-18.2%	0	0	0.0%	443,853,298	399,471,842	11.1%	38,493,794	49,351,982	-22.0%

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