

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Ag Products Futures</b>																			
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%	2	0	0	0	0.0%	0	0	0.0%	4	15	-73.3%	0	0	0.0%	
SUGAR 11	YO	0	0	0.0%	0	3	-1	0	0.0%	0	0	0.0%	58	40	45.0%	0	0	0.0%	
<b>Energy Futures</b>																			
CRUDE OIL PHY	CL	0	0	0.0%	19,206,267	34,183,281	-0.44	454,789	542,192	-16.1%	0	0	0.0%	206,790,064	205,123,104	0.8%	3,723,677	4,483,494	-16.9%
CRUDE OIL	WS	0	0	0.0%	0	0	0	500	5,704	-91.2%	0	0	0.0%	89	204	-56.4%	15,550	44,483	-65.0%
MINY WTI CRUDE OIL	QM	0	0	0.0%	310,323	304,306	0.02	0	0	0.0%	0	0	0.0%	2,690,332	2,119,492	26.9%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,191,765	2,116,426	-0.44	19,239	22,601	-14.9%	0	0	0.0%	13,765,350	15,746,338	-12.6%	295,895	172,227	71.8%
HEATING OIL PHY	HO	0	0	0.0%	3,376,550	4,532,482	-0.26	189,498	227,391	-16.7%	0	0	0.0%	29,606,828	27,198,708	8.9%	1,509,035	1,916,291	-21.3%
HTG OIL	BH	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	84	-100.0%	84	134	-37.3%
MINY HTG OIL	QH	0	0	0.0%	7	3	1.33	0	0	0.0%	0	0	0.0%	29	21	38.1%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	4,633,674	5,397,658	-0.14	225,247	406,034	-44.5%	0	0	0.0%	31,966,847	32,470,867	-1.6%	1,761,321	2,480,572	-29.0%
MINY RBOB GAS	QU	0	0	0.0%	5	4	0.25	0	0	0.0%	0	0	0.0%	28	35	-20.0%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	23,549	32,178	-0.27	47,828	63,782	-25.0%	0	0	0.0%	365,804	287,653	27.2%	524,232	878,192	-40.3%
LTD NAT GAS	HH	0	0	0.0%	158,535	136,031	0.17	154,189	141,692	8.8%	0	0	0.0%	1,621,630	970,457	67.1%	1,080,071	1,381,162	-21.8%
MINY NATURAL GAS	QG	0	0	0.0%	17,133	16,749	0.02	0	0	0.0%	0	0	0.0%	203,119	201,339	0.9%	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%	8,237,496	7,878,602	0.05	224,498	280,754	-20.0%	0	0	0.0%	67,980,414	66,492,544	2.2%	2,164,576	2,310,082	-6.3%
RBOB GAS	RT	0	0	0.0%	0	0	0	0	3,211	-100.0%	0	0	0.0%	0	0	0.0%	14,374	19,163	-25.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	60	10	500.0%	0	0	0.0%	0	0	0.0%	512	887	-42.3%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	0	5	-100.0%	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%

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

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	15,010	16,416	-8.6%	0	0	0.0%	30	60	-50.0%	187,081	59,086	216.6%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	5,486	4,959	10.6%	0	0	0.0%	0	0	0.0%	45,787	18,054	153.6%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	3,403	1,330	155.9%	0	0	0.0%	0	0	0.0%	20,554	7,924	159.4%
AUSTRIALIAN COKE COAL	ACT	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	1,003	-100.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	185	478	-61.3%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	2,997	6,902	-56.6%	0	0	0.0%	0	0	0.0%	27,989	23,822	17.5%
BRENT CFD SWAP	6W	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	1,000	0	0.0%	0	0	0.0%	0	0	0.0%	14,264	41,011	-65.2%
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	0	0.0%	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	270	-100.0%	0	0	0.0%	0	0	0.0%	0	7,269	-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	-	-	915	-	0	-	-	-	0	-	-	2,991	-	-	0	-	-
CEU ENERGY	TTF	0	-	-	417	-	0	-	-	-	0	-	-	7,587	-	-	10	-	-
CEU ENERGY	UKG	0	-	-	1,336	-	0	-	-	-	0	-	-	40,562	-	-	150	-	-
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	56	412	-0.86	111,575	117,993	-5.4%	0	0	0.0%	1,901	1,937	-1.9%	801,966	911,769	-12.0%
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	586	250	134.4%	0	0	0.0%	0	0	0.0%	3,120	1,231	153.5%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	200	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	16,000	-100.0%	0	0	0.0%	0	0	0.0%	0	278,680	-100.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	1,214	554	119.1%	0	0	0.0%	0	0	0.0%	10,010	14,222	-29.6%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	16,000	-100.0%	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	0	0	0.0%	0	0	0.0%	0	0	0.0%	230	24,975	-99.1%
COAL SWAP	ACM	0	0	0.0%	0	0	0	15	40	-62.5%	0	0	0.0%	0	0	0.0%	465	1,220	-61.9%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
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	183	-74.0%	0	0	0.0%	0	0	0.0%	1,497	2,494	-40.0%	
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	110	-92.3%	0	0	0.0%	0	0	0.0%	2,536	6,698	-62.1%	
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	1	5	-0.8	19,613	110.9%	0	0	0.0%	32	44	-27.3%	130,512	70,548	85.0%	
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	202	-1	3,900	0.1%	0	0	0.0%	0	203	-100.0%	37,855	31,298	21.0%	
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	98	-57.0%	0	0	0.0%	0	0	0.0%	1,895	4,069	-53.4%	
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	1,560	120	1,200.0%	0	0	0.0%	0	0.0%	1,565	2,020	-22.5%	
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	0	475	-100.0%	0	0	0.0%	0	0.0%	99	1,525	-93.5%	
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	35,150	27,805	26.4%	0	0	0.0%	0	0.0%	407,568	90,980	348.0%	
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	30	645	-95.3%	0	0	0.0%	0	0.0%	320	885	-63.8%	
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0.0%	0	795	-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	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	2,360	11,310	-79.1%	0	0	0.0%	0	0.0%	56,310	41,020	37.3%	
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	22,628	17,745	27.5%	0	0	0.0%	0	50	-100.0%	366,144	51,834	606.4%
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%	

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
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	0	1,950	-100.0%	0	0	0.0%	0	0	0.0%	3,135	11,550	-72.9%	
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	875	6,025	-85.5%	0	0	0.0%	0	0	0.0%	14,902	72,824	-79.5%	
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	420	-100.0%	0	0	0.0%	0	0	0.0%	245	4,635	-94.7%	
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	206	96	114.6%	0	0	0.0%	0	0	0.0%	1,686	6,214	-72.9%	
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%	

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
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	2,200	-100.0%	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	21,200	-100.0%	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	2,200	-100.0%	0	0	0.0%	0	0	0.0%	5,050	4,710	7.2%	
ETHANOL SWAP	MT2	0	-	0	-	0	20	-	-	0	-	-	0	-	-	270	-	-	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0.0%	0	0	0	2,833	2,782	1.8%	0	0	0.0%	0	0	0.0%	23,443	30,307	-22.6%	
EURO 1% FUEL OIL NEW BALM	KX	0	0.0%	0	0	0	2	0	0.0%	0	0	0.0%	0	0	0.0%	25	18	38.9%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0.0%	0	0	0	457	225	103.1%	0	0	0.0%	0	0	0.0%	5,167	3,616	42.9%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0.0%	0	0	0	125	233	-46.4%	0	0	0.0%	0	0	0.0%	834	4,196	-80.1%	
EURO-DENOMINATED PETRO P	NCP	0	0.0%	0	0	0	640	24	2,566.7%	0	0	0.0%	0	0	0.0%	640	1,364	-53.1%	
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	66	-100.0%	0	0	0.0%	0	0	0.0%	370	344	7.6%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	366	683	-46.4%	
EUROPE 1% FUEL OIL RDAM C	UH	0	0.0%	0	0	0	0	3	-100.0%	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	95	10	850.0%	0	0	0.0%	0	0	0.0%	768	1,174	-34.6%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0.0%	0	0	0	4,047	2,762	46.5%	0	0	0.0%	0	0	0.0%	68,381	60,280	13.4%	
EUROPEAN GASOIL (ICE)	7F	0	0.0%	334	3,887	-0.91	0	58	-100.0%	0	0	0.0%	3,651	27,508	-86.7%	0	58	-100.0%	
EUROPEAN NAPHTHA BALMO	KZ	0	0.0%	0	0	0	277	331	-16.3%	0	0	0.0%	0	0	0.0%	2,289	3,070	-25.4%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0.0%	0	0	0	8,901	6,783	31.2%	0	0	0.0%	0	0	0.0%	72,491	57,613	25.8%	
EUROPE DATED BRENT SWAP	UB	0	0.0%	0	0	0	0	124	-100.0%	0	0	0.0%	0	0	0.0%	0	1,940	-100.0%	
EUROPE JET KERO NWE CALS	UJ	0	0.0%	0	0	0	18	42	-57.1%	0	0	0.0%	0	0	0.0%	39	102	-61.8%	
EUROPE NAPHTHA CALSWAP	UN	0	0.0%	0	0	0	3,780	3,342	13.1%	0	0	0.0%	0	0	0.0%	27,309	23,300	17.2%	
EURO PROPANE CIF ARA SWA	PS	0	0.0%	0	0	0	1,443	1,450	-0.5%	0	0	0.0%	0	0	0.0%	13,960	9,413	48.3%	
FL GAS ZONE 3 NAT GAS IND	Q9	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
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	282	403	-30.0%	0	0	0.0%	0	0	0.0%	1,067	1,284	-16.9%	
FREIGHT MARKETS	FRC	0	-	-	0	-	60	-	-	0	-	-	0	-	-	600	-	-	
FREIGHT MARKETS	FRS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
FREIGHT MARKETS	T2D	0	-	-	0	-	185	-	-	0	-	-	0	-	-	2,123	-	-	
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	1,630	1,335	22.1%	0	0	0.0%	0	0	0.0%	32,077	32,921	-2.6%	
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	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	165	170	-2.9%	0	0	0.0%	0	0	0.0%	1,878	2,556	-26.5%	
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	6,480	7,202	-10.0%	0	0	0.0%	0	0	0.0%	62,148	57,339	8.4%	
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	13,155	22,615	-41.8%	0	0	0.0%	0	0	0.0%	152,732	155,047	-1.5%	
GASOIL 0.1 BRGS FOB VS IC	6V	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
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	5	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	5	5	0.0%	0	0	0.0%	0	0	0.0%	1,260	85	1,382.4%	
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	60	-100.0%	0	0	0.0%	0	0	0.0%	12	592	-98.0%	
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	6	0	0.0%	0	0	0.0%	0	0	0.0%	54	241	-77.6%	
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	2,832	4,545	-37.7%	0	0	0.0%	0	0	0.0%	35,552	60,428	-41.2%	
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	172	188	-8.5%	0	0	0.0%	0	0	0.0%	1,442	1,191	21.1%	
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	20	0	0.0%	0	0	0.0%	0	0	0.0%	205	125	64.0%	
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	2,880	9,117	-68.4%	0	0	0.0%	0	0	0.0%	27,718	30,327	-8.6%	
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	1,985	1,645	20.7%	0	0	0.0%	0	0	0.0%	15,777	5,299	197.7%	

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	981	286	243.0%	0	0	0.0%	0	0	0.0%	11,466	9,397	22.0%
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	241	42	473.8%	0	0	0.0%	0	0	0.0%	1,156	943	22.6%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	29,940	57,220	-47.7%	0	0	0.0%	0	0	0.0%	301,608	360,038	-16.2%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	46,376	42,091	10.2%	0	0	0.0%	0	0	0.0%	472,377	417,197	13.2%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	530	643	-17.6%	0	0	0.0%	0	0	0.0%	14,873	10,558	40.9%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	215	80	168.8%	0	0	0.0%	0	0	0.0%	2,025	4,080	-50.4%
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	0	0	0.0%	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	62	0	0.0%	0	0	0.0%	0	2,996	-100.0%	7,494	48,024	-84.4%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	4,419	549	7.05	0	0	0.0%	0	0	0.0%	22,465	608	3,594.9%	0	0	0.0%
HENRY HUB FINANCIAL LAST	TTE	0	0	0.0%	78	32	1.44	0	0	0.0%	0	0	0.0%	855	124	589.5%	0	0	0.0%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	62	0	0.0%	0	0	0.0%	0	2,996	-100.0%	7,494	45,834	-83.6%
HENRY HUB SWAP	NN	0	0	0.0%	244	2	121	194,737	260,440	-25.2%	0	0	0.0%	54,879	59,905	-8.4%	1,352,177	1,400,514	-3.5%
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	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	11,453	1,433	699.2%	0	0	0.0%	0	0	0.0%	82,951	70,896	17.0%
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	-	-	210	-	-	0	-	-	0	-	-	985	-	-
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 AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	746	-100.0%	0	0	0.0%	0	0	0.0%	1,689	4,631	-63.5%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,496	1,089	37.4%	0	0	0.0%	0	0	0.0%	16,489	12,594	30.9%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	97	0	0.0%	0	0	0.0%	0	0	0.0%	498	1,314	-62.1%
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	0	10	-100.0%	0	0	0.0%	0	0	0.0%	630	834	-24.5%
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%	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	5,500	6,035	-8.9%	0	0	0.0%	0	0	0.0%	47,757	57,207	-16.5%
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	105	450	-76.7%	0	0	0.0%	0	0	0.0%	2,630	1,670	57.5%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	75	325	-76.9%	0	0	0.0%	0	0	0.0%	4,150	1,875	121.3%
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	1,388	3,275	-57.6%	0	0	0.0%	0	0	0.0%	17,643	15,395	14.6%
LLS (ARGUS) CALENDAR SWAP	XA	0	-	-	0	-	0	607	-	-	0	-	0	-	-	0	607	-	-
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	2,292	8,245	-72.2%	0	0	0.0%	0	15	-100.0%	46,712	33,233	40.6%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	500	3,400	-85.3%	0	0	0.0%	0	0	0.0%	19,200	25,251	-24.0%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	375	0	0	9,536	11,890	-19.8%	0	0	0.0%	375	0	0.0%	181,171	146,019	24.1%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	0	740	-100.0%	0	0	0.0%	0	200	-100.0%	2,319	11,768	-80.3%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	5	0	0	19,035	26,637	-28.5%	0	0	0.0%	719	0	0.0%	192,349	379,880	-49.4%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	2,606	3,457	-24.6%	0	0	0.0%	0	0	0.0%	26,483	43,272	-38.8%
MGF FUT	MGF	0	0	0.0%	0	0	0	88	89	-1.1%	0	0	0.0%	0	0	0.0%	218	286	-23.8%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	40	20	100.0%	0	0	0.0%	0	0	0.0%	573	954	-39.9%
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	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%	0	3,195	-100.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	265	255	3.9%	0	0	0.0%	0	0	0.0%	2,951	4,051	-27.2%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	375	1,135	-67.0%	0	0	0.0%	0	0	0.0%	3,035	4,082	-25.6%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	2,108	2,887	-27.0%	0	0	0.0%	0	0	0.0%	13,567	21,038	-35.5%
MJC FUT	MJC	0	0	0.0%	0	0	0	80	20	300.0%	0	0	0.0%	0	0	0.0%	1,325	725	82.8%
MNC FUT	MNC	0	0	0.0%	0	0	0	4,712	3,970	18.7%	0	0	0.0%	0	0	0.0%	30,929	35,049	-11.8%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	19,570	16,456	18.9%	0	0	0.0%	0	0	0.0%	125,059	190,557	-34.4%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	130	175	-25.7%	0	0	0.0%	0	0	0.0%	1,290	2,447	-47.3%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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
<b>Energy Futures</b>																		
MONT BELVIEU LDH PROPANE	B0	0	0.0%	34	61	-0.44	111,783	101,862	9.7%	0	0	0.0%	170	231	-26.4%	963,867	717,098	34.4%
MONT BELVIEU LDH PROPANE	8O	0	0.0%	0	0	0	987	1,693	-41.7%	0	0	0.0%	0	0	0.0%	21,613	14,498	49.1%
MONT BELVIEU NATURAL GAS	7Q	0	0.0%	0	0	0	5,130	2,306	122.5%	0	0	0.0%	0	0	0.0%	63,933	32,272	98.1%
MONT BELVIEU NATURAL GAS	R0	0	0.0%	0	0	0	382	117	226.5%	0	0	0.0%	0	0	0.0%	3,226	1,900	69.8%
MONT BELVIEU NORMAL BUTA	D0	0	0.0%	0	0	0	46,652	29,121	60.2%	0	0	0.0%	0	0	0.0%	272,449	224,731	21.2%
MONT BELVIEU NORMAL BUTA	8J	0	0.0%	0	0	0	1,105	820	34.8%	0	0	0.0%	0	0	0.0%	8,601	6,101	41.0%
NAT GAS BASIS SWAP	TZ6	0	0.0%	0	0	0	0	428	-100.0%	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	0	0	30,236	64,946	-53.4%	0	0	0.0%	0	58	-100.0%	279,942	697,945	-59.9%
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	840	-100.0%	0	0	0.0%	0	0	0.0%	4,376	16,510	-73.5%
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	1,030	1,150	-10.4%	0	0	0.0%	0	0	0.0%	10,666	5,760	85.2%
NEW YORK HUB ZONE G PEAK	GN	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0	0	1,332	-100.0%	0	0	0.0%	0	0	0.0%	400	3,676	-89.1%	
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	0	1,910	-100.0%	0	0	0.0%	0	0	0.0%	22,836	7,766	194.1%	
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	0	400	304.0%	0	0	0.0%	0	0	0.0%	2,558	3,659	-30.1%	
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	59	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	0	375	875	-57.1%	0	0	0.0%	0	0	0.0%	12,933	18,016	-28.2%
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	450	75	500.0%	0	0	0.0%	0	0	0.0%	1,650	3,185	-48.2%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	50	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%	9	0	0	5,605	1,986	182.2%	0	0	0.0%	67	3	2,133.3%	15,962	20,773	-23.2%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	150	225	-33.3%	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	0	989	2,558	-61.3%	0	0	0.0%	0	0	0.0%	9,164	20,444	-55.2%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	90	279	-67.7%	0	0	0.0%	0	0	0.0%	7,397	11,359	-34.9%
NY H OIL PLATTS VS NYMEX	YH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0	12	-100.0%	0	0	0.0%	0	0	0.0%	246	279	-11.8%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	150	96	56.3%	0	0	0.0%	0	0	0.0%	615	1,610	-61.8%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	60	93	-35.5%	0	0	0.0%	0	0	0.0%	275	1,537	-82.1%
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%	
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%	

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

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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
<b>Energy Futures</b>																		
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	22,320	-73.5%	84,240	0	0.0%	0	0	0.0%	600,854	732,720	-18.0%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	4,854	-100.0%	0	0	0.0%	0	0	0.0%	18,284	52,809	-65.4%
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	870	-100.0%	0	0	0.0%	0	0	0.0%	0	23,165	-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	500	-100.0%	0	0	0.0%	0	0	0.0%	213	8,220	-97.4%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	1,464	646.9%	196	0	0.0%	0	0	0.0%	1,464	196	646.9%
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	495	-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	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,009	-100.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	190	71.2%	111	0	0.0%	0	0	0.0%	1,306	611	113.7%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	179	92.5%	93	0	0.0%	0	0	0.0%	1,354	871	55.5%
PETROCHEMICALS	51	0	-	-	0	-	0	-	-	0	-	-	0	-	-	23	-	-
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	44	-93.6%	688	0	0.0%	0	0	0.0%	5,684	4,963	14.5%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	243	-8.3%	265	0	0.0%	0	0	0.0%	3,187	1,754	81.7%
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	2,208	612.3%	310	0	0.0%	0	0	0.0%	9,218	310	2,873.5%
PETROCHEMICALS	LPE	-	0	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	114	62.9%	70	0	0.0%	0	0	0.0%	1,492	140	965.7%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	385	1,183.3%	30	0	0.0%	0	0	0.0%	1,146	215	433.0%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	990	-17.8%	1,205	0	0.0%	0	0	0.0%	6,690	9,930	-32.6%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	1,039	-60.1%	2,603	0	0.0%	0	0	0.0%	16,319	13,572	20.2%
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	120	1,100.0%	10	0	0.0%	0	0	0.0%	890	20	4,350.0%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
PETRO CRCKS & SPRDS ASIA	JNC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
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	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	2,785	905	207.7%	0	0	0.0%	0	0	0.0%	12,005	1,960	512.5%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	2,140	2,877	-25.6%	0	0	0.0%	0	0	0.0%	22,870	21,057	8.6%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	200	275	-27.3%	0	0	0.0%	0	0	0.0%	5,575	5,978	-6.7%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	1,600	1,313	21.9%	0	0	0.0%	0	0	0.0%	10,335	6,983	48.0%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	360	-100.0%	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	2,183	0	0.0%	0	0	0.0%	0	0	0.0%	12,547	8,987	39.6%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	21	17	23.5%	0	0	0.0%	0	0	0.0%	163	59	176.3%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	14,880	3,370	341.5%	0	0	0.0%	0	0	0.0%	108,664	47,673	127.9%
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	1,092	2,835	-61.5%	0	0	0.0%	0	0	0.0%	8,033	27,584	-70.9%
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	4	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	4,844	6,394	-24.2%	0	0	0.0%	0	0	0.0%	43,263	67,526	-35.9%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	9,196	21,880	-58.0%	0	0	0.0%	0	0	0.0%	133,093	131,007	1.6%
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	2,313	1,720	34.5%	0	0	0.0%	0	0	0.0%	15,811	11,060	43.0%
PETRO CRK&SPRD EURO	1ND	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	211	288	-26.7%	0	0	0.0%	0	0	0.0%	2,979	2,031	46.7%
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	1,412	862	63.8%	0	0	0.0%	0	0	0.0%	14,732	15,941	-7.6%
PETRO CRK&SPRD EURO	EGB	0	-	-	0	-	0	0	-	-	0	-	0	-	-	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	0	31	-100.0%	0	0	0.0%	0	0	0.0%	188	121	55.4%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	664	645	2.9%	0	0	0.0%	0	0	0.0%	7,340	3,398	116.0%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	1,210	1,588	-23.8%	0	0	0.0%	0	0	0.0%	17,671	20,362	-13.2%
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%

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

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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
<b>Energy Futures</b>																		
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	105	-20.0%
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	138	-100.0%	0	0	0.0%	0	0	0.0%	163	857	-81.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	20	10	100.0%	0	0	0.0%	0	0	0.0%	152	124	22.6%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	1,899	1,640	15.8%	0	0	0.0%	0	0	0.0%	13,444	8,770	53.3%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	23	-100.0%	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	4,635	2,546	82.1%	0	0	0.0%	0	0	0.0%	35,953	20,204	77.9%
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	830	-100.0%	0	0	0.0%	0	0	0.0%	1,044	2,474	-57.8%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	70	40	75.0%	0	0	0.0%	0	0	0.0%	634	192	230.2%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	1,545	1,400	10.4%	0	0	0.0%	0	0	0.0%	15,434	16,107	-4.2%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	45	-100.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	84	103	-18.4%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	3	0	0.0%	0	0	0.0%	0	0	0.0%	3	0	0.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	1,026	2,105	-51.3%	0	0	0.0%	0	0	0.0%	10,771	19,754	-45.5%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	3	125	-97.6%	0	0	0.0%	0	0	0.0%	198	3,950	-95.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	476	830	-42.7%	0	0	0.0%	0	0	0.0%	4,565	9,630	-52.6%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	18	42	-57.1%	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	10	0	0.0%	0	0	0.0%	0	0	0.0%	224	491	-54.4%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	5	240	-97.9%	0	0	0.0%	0	0	0.0%	172	737	-76.7%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	0	7	-100.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	582	875	-33.5%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	393	220	78.6%	0	0	0.0%	0	0	0.0%	2,535	2,071	22.4%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	30	-100.0%	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	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 AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	0	209	-100.0%	0	0	0.0%	0	0	0.0%	3,009	2,248	33.9%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	15	10	50.0%	0	0	0.0%	0	0	0.0%	116	290	-60.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	453	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	40	20	100.0%	0	0	0.0%	0	0	0.0%	105	150	-30.0%
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	765	693	10.4%	0	0	0.0%	0	0	0.0%	5,612	5,785	-3.0%
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	GES	0	-	-	0	-	5	-	-	0	-	-	0	-	-	5	-	-	
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	171	480	-64.4%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	409	1,154	-64.6%	0	0	0.0%	0	0	0.0%	8,378	8,431	-0.6%
PETRO OUTRIGHT EURO	MEF	0	-	-	0	-	15	-	-	0	-	-	0	-	-	15	-	-	
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	478	40	1,095.0%
PETRO OUTRIGHT EURO	T0	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	V0	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	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	32	224	-85.7%	0	0	0.0%	0	0	0.0%	592	1,574	-62.4%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT 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	6,340	7,581	-16.4%	0	0	0.0%	0	0	0.0%	21,220	33,620	-36.9%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	150	225	-33.3%	0	0	0.0%	0	0	0.0%	3,860	1,175	228.5%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	105	-100.0%	0	0	0.0%	0	0	0.0%	40	266	-85.0%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	635	657	-3.3%	0	0	0.0%	0	0	0.0%	3,568	5,026	-29.0%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	2,609	7,111	-63.3%	0	0	0.0%	0	0	0.0%	30,169	78,456	-61.5%
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	19	12	58.3%	0	0	0.0%	0	0	0.0%	74	438	-83.1%
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	300	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	0	0	0.0%	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	0	0	2,550	-100.0%	0	0	0.0%	0	0	0.0%	12,653	21,991	-42.5%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
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	1,260	-100.0%	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	36,030	-100.0%	0	0	0.0%	0	0	0.0%	0	1,700,530	-100.0%	
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	60	-100.0%	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	23,400	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	1,275	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	23,400	-50.0%	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	1,275	-50.0%	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	0	-100.0%	0	0	0.0%	0	0	0.0%	294,000	2,134,895	-86.2%	
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	2,791	-84.0%	0	0	0.0%	0	0	0.0%	45,970	195,856	-76.5%	
PLASTICS	PGP	0	0	0.0%	0	0	0	471	-18.1%	0	0	0.0%	0	0	0.0%	3,015	4,390	-31.3%	
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	174	104.7%	0	0	0.0%	0	0	0.0%	2,033	493	312.4%	
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	48	0.0%	0	0	0.0%	0	0	0.0%	403	152	165.1%	
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	7	1,042.9%	
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	116	0.0%	0	0	0.0%	0	0	0.0%	186	37	402.7%	

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	707	357	98.0%	0	0	0.0%	0	0	0.0%	4,398	4,264	3.1%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	12,617	4,889	158.1%	0	0	0.0%	0	0	0.0%	93,749	54,702	71.4%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	6,092	10,729	-43.2%	0	0	0.0%	0	5	-100.0%	46,084	59,434	-22.5%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	60	2,640	-97.7%	0	0	0.0%	0	0	0.0%	9,213	5,204	77.0%
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	833	618	34.8%	0	0	0.0%	0	0	0.0%	9,000	6,139	46.6%
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	1,270	-100.0%	0	0	0.0%	0	0	0.0%	1,975	16,120	-87.7%
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	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	48	102	-52.9%	0	0	0.0%	0	0	0.0%	438	524	-16.4%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	282	292	-3.4%	0	0	0.0%	0	0	0.0%	1,808	1,682	7.5%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	10,558	6,280	68.1%	0	0	0.0%	0	0	0.0%	72,321	82,243	-12.1%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	543	1,121	-51.6%	0	0	0.0%	0	0	0.0%	7,197	9,076	-20.7%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	273	492	-44.5%	0	0	0.0%	0	0	0.0%	5,724	6,101	-6.2%
SINGAPORE GASOIL	MAF	0	-	-	0	-	0	8	-	-	0	-	0	-	-	0	8	-	-
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	51	230	-77.8%	0	0	0.0%	0	0	0.0%	476	1,303	-63.5%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	4,141	6,657	-37.8%	0	0	0.0%	0	0	0.0%	38,123	39,694	-4.0%
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	50	103	-51.5%	0	0	0.0%	0	0	0.0%	4,249	2,214	91.9%
SINGAPORE GASOIL CALEND	SGG	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	325	-	-
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	6,590	7,037	-6.4%	0	0	0.0%	2	36	-94.4%	35,691	78,603	-54.6%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	5,775	6,895	-16.2%	0	0	0.0%	0	0	0.0%	107,216	68,264	57.1%
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%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	2,325	2,200	5.7%	0	0	0.0%	0	0	0.0%	31,170	17,295	80.2%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	1,995	1,560	27.9%	0	0	0.0%	0	0	0.0%	9,060	11,804	-23.2%
SINGAPORE JET KERO VS. GAS	ZO	0	0	0.0%	0	0	0	375	0	0.0%	0	0	0.0%	0	0	0.0%	400	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	1,793	25	7,072.0%	0	0	0.0%	0	0	0.0%	4,976	1,265	293.4%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	9,639	6,922	39.3%	0	0	0.0%	2	5	-60.0%	111,177	62,717	77.3%
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	200	-	-
SING FUEL	MSD	0	0	0.0%	0	0	0	0	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	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	-	-	-	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	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	2,035	-	-	0	-	0	-	-	0	8,655	-	-
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	604	-100.0%	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	0	0.0%	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	0	20	-100.0%	0	0	0.0%	0	0	0.0%	60	265	-77.4%
ULSD 10PPM CIF MED BALMO	X7	-	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 AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Futures</b>																			
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	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%	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	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%	
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	4,837	3,950	22.5%	0	0	0.0%	0	0	0.0%	40,362	28,900	39.7%	
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	33,292	63,616	-47.7%	0	0	0.0%	0	0	0.0%	253,949	368,337	-31.1%	
USGC UNL 87 CRACK SPREAD	RU	-	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	3,012	-100.0%	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%	
WESTERN RAIL DELIVERY PRB	QP	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	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%	0	0	14,291	31,785	-55.0%	0	0	0.0%	6	120	-95.0%	250,799	96,017	161.2%	
WTI CALENDAR	CS	0	0	0.0%	0	0	35,424	40,687	-12.9%	0	0	0.0%	0	0	0.0%	264,043	276,849	-4.6%	
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	13,583	11,370	19.5%	0	0	0.0%	0	0	0.0%	68,502	36,744	86.4%	
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	1,815	1,620	12.0%	0	0	0.0%	0	0	0.0%	5,385	5,564	-3.2%	
<b>Energy Options</b>																			
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	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%	
BRENT 1 MONTH CAL	AA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	3,000	-	-	
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	970	0	0.0%	0	0	0.0%	0	0	0.0%	5,715	5,297	7.9%	
BRENT CRUDE OIL 12 M CSO	9Y	0	-	-	0	-	0	-	-	0	-	-	0	-	-	2,000	-	-	
BRENT CRUDE OIL 1 M CSO	9C	0	-	-	0	-	11,500	-	-	0	-	-	2,900	-	-	382,938	-	-	
BRENT CRUDE OIL 6 M CSO	9L	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,000	-	-	
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	12,503	9,316	34.2%	0	0	0.0%	0	0	0.0%	260,912	33,611	676.3%	
BRENT OIL LAST DAY	BZO	0	0	0.0%	57,768	28,940	65,350	24,851	163.0%	0	0	0.0%	464,623	65,849	605.6%	579,422	167,216	246.5%	
BRENT OIL LAST DAY	OS	0	0	0.0%	100	0	0	500	-100.0%	0	0	0.0%	190	144	31.9%	1,000	3,500	-71.4%	
COAL API2 INDEX	CLA	0	0	0.0%	0	0	460	150	206.7%	0	0	0.0%	0	0	0.0%	5,365	8,171	-34.3%	
COAL API2 INDEX	CQA	0	0	0.0%	0	0	150	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	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%	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%	60	0	0.0%	

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Options</b>																			
COAL SWAP	CPF	0	0	0.0%	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	0	180	-100.0%	
COAL SWAP	RPF	0	0	0.0%	0	0	0	360	-100.0%	0	0	0.0%	0	0	0.0%	0	445	-100.0%	
CRUDE OIL 1MO	WA	0	0	0.0%	13,630	56,904	-0.76	101,400	-25.9%	0	0	0.0%	120,890	183,188	-34.0%	1,597,150	1,248,414	27.9%	
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	31,738	-52.7%	0	0	0.0%	331	52	536.5%	371,172	324,604	14.3%	
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	0	7,680	-100.0%	0	0	0.0%	0	0	0.0%	0	7,680	-100.0%	
CRUDE OIL PHY	CD	0	0	0.0%	0	25	-1	1,250	-76.5%	0	0	0.0%	0	25	-100.0%	19,050	19,990	-4.7%	
CRUDE OIL PHY	LC	0	0	0.0%	0	0	0	11,985	-9.2%	0	0	0.0%	724	13	5,469.2%	78,415	218,704	-64.1%	
CRUDE OIL PHY	LO	0	0	0.0%	2,417,115	2,696,111	-0.1	519,270	-17.6%	0	0	0.0%	23,049,478	24,573,666	-6.2%	5,122,463	6,398,800	-19.9%	
CRUDE OIL PHY	LO1	0	0	0.0%	13,737	24,809	-0.45	0	550	-100.0%	0	0	0.0%	110,810	113,673	-2.5%	75	700	-89.3%
CRUDE OIL PHY	LO2	0	0	0.0%	14,177	20,906	-0.32	0	50	-100.0%	0	0	0.0%	121,268	100,406	20.8%	250	250	0.0%
CRUDE OIL PHY	LO3	0	0	0.0%	7,936	10,246	-0.23	0	0	0.0%	0	0	0.0%	78,255	69,990	11.8%	325	200	62.5%
CRUDE OIL PHY	LO4	0	0	0.0%	11,928	20,549	-0.42	300	0	0.0%	0	0	0.0%	118,672	134,671	-11.9%	350	200	75.0%
CRUDE OIL PHY	LO5	0	0	0.0%	14,791	74	198.88	0	0	0.0%	0	0	0.0%	49,480	34,612	43.0%	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	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	-100.0%	0	0	0.0%	0	0	0.0%	150	325	-53.8%	
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	3,306	-37.2%	0	0	0.0%	0	0	0.0%	57,811	41,063	40.8%	
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	475	143.6%	0	0	0.0%	0	0	0.0%	2,668	1,580	68.9%	
EURO-DENOMINATED PETRO P	NWE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	0	0	0.0%	-	0	0.0%
EUROPEAN JET KEROSENE N	30	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	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%	0	0	0	135	-100.0%	0	0	0.0%	0	8	-100.0%	750	1,695	-55.8%	
HEATING OIL PHY	OH	0	0	0.0%	2,957	4,919	-0.4	20,837	-24.0%	0	0	0.0%	42,884	40,029	7.1%	196,619	216,370	-9.1%	
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	5,117	69.3%	0	0	0.0%	5	0	0.0%	32,360	28,383	14.0%	
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	1,600	-100.0%	
HUSTN SHIP CHNL PIPE SWP	PK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	0	0	0.0%	-	0	0.0%
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	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	750	-100.0%	



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Options</b>																			
MCCLOSKY 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%	
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	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	0.0%	245	325	-0.25	30,400	12,300	147.2%	0	0	0.0%	1,386	1,320	5.0%	284,941	295,125	-3.5%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	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	5,500	25,825	-78.7%	0	0	0.0%	1	0	0.0%	43,545	106,250	-59.0%
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%	2,550	4,050	-37.0%	
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	1,700	2,000	-15.0%	0	0	0.0%	0	0	0.0%	70,950	38,820	82.8%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	1,000	600	66.7%	0	0	0.0%	0	0	0.0%	22,308	7,538	195.9%
NATURAL GAS PHY	KD	0	0	0.0%	10,933	21,967	-0.5	7,400	33,650	-78.0%	0	0	0.0%	102,478	30,445	236.6%	65,435	262,340	-75.1%
NATURAL GAS PHY	LN	0	0	0.0%	1,022,000	982,507	0.04	489,535	848,647	-42.3%	0	0	0.0%	8,203,141	7,790,751	5.3%	5,449,275	9,889,221	-44.9%
NATURAL GAS PHY	ON	0	0	0.0%	160,873	147,090	0.09	7,864	4,508	74.4%	0	0	0.0%	1,298,314	1,515,778	-14.3%	77,763	57,186	36.0%
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	1,200	-	-	0	-	0	-	-	0	1,200	-	-
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	708	1,174	-39.7%	0	0	0.0%	0	0	0.0%	1,780	4,030	-55.8%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	36	33	0.09	1,963	2,510	-21.8%	0	0	0.0%	446	446	0.0%	19,741	27,245	-27.5%
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%	
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	2,880	-100.0%	
PETROCHEMICALS	4H	0	0	0.0%	3	0	0	1,370	1,358	0.9%	0	0	0.0%	23	0	0.0%	4,991	4,732	5.5%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	275	-100.0%	0	0	0.0%	0	0	0.0%	1,350	2,725	-50.5%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	1,200	200	500.0%	0	0	0.0%	0	0	0.0%	3,300	400	725.0%
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	10	260	-96.2%	0	0	0.0%	0	0	0.0%	320	3,810	-91.6%
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	443	540	-18.0%	0	0	0.0%	0	0	0.0%	6,857	12,625	-45.7%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	2,050	-100.0%	0	0	0.0%	0	0	0.0%	700	4,058	-82.8%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	0	225	-100.0%	0	0	0.0%	0	10	-100.0%	965	2,350	-58.9%
RBOB PHY	OB	0	0	0.0%	1,600	9,287	-0.83	7,225	31,664	-77.2%	0	0	0.0%	28,775	49,617	-42.0%	63,537	170,182	-62.7%

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

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Options</b>																			
RBOB PHY	RF	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%	
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	124	0.0%	0	0	0.0%	0	0	0.0%	1,882	1,980	-4.9%	
SHORT TERM	U11	0	0	0.0%	0	0	0	950	-100.0%	0	0	0.0%	111	0	0.0%	1,125	4,240	-73.5%	
SHORT TERM	U12	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	85	0	0.0%	750	3,679	-79.6%	
SHORT TERM	U13	0	0	0.0%	0	0	0	300	0.0%	0	0	0.0%	0	0	0.0%	400	2,085	-80.8%	
SHORT TERM	U14	0	0	0.0%	0	0	0	50	-93.3%	0	0	0.0%	13	0	0.0%	850	2,455	-65.4%	
SHORT TERM	U15	0	0	0.0%	20	0	0	490	-100.0%	0	0	0.0%	147	0	0.0%	650	4,075	-84.0%	
SHORT TERM	U22	0	0	0.0%	30	0	0	0	0.0%	0	0	0.0%	96	0	0.0%	1,125	1,577	-28.7%	
SHORT TERM	U23	0	0	0.0%	53	0	0	250	400.0%	0	0	0.0%	148	0	0.0%	750	1,072	-30.0%	
SHORT TERM	U24	0	0	0.0%	253	0	0	200	-66.7%	0	0	0.0%	379	0	0.0%	500	2,570	-80.5%	
SHORT TERM	U25	0	0	0.0%	0	0	0	90	-100.0%	0	0	0.0%	2	0	0.0%	100	390	-74.4%	
SHORT TERM	U26	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	1,025	-100.0%	0	0	0.0%	0	0	0.0%	350	3,315	-89.4%	
SHORT TERM NATURAL GAS	U02	0	0	0.0%	3	0	0	500	-100.0%	0	0	0.0%	98	0	0.0%	1,350	2,925	-53.8%	
SHORT TERM NATURAL GAS	U03	0	0	0.0%	4	0	0	100	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	650	364.3%	0	0	0.0%	25	0	0.0%	1,575	870	81.0%	
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0.0%	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	0	0.0%	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	150	-100.0%	0	0	0.0%	1	0	0.0%	1,600	3,085	-48.1%	
SHORT TERM NATURAL GAS	U08	0	0	0.0%	2	0	0	485	-100.0%	0	0	0.0%	2	0	0.0%	1,375	3,870	-64.5%	
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	900	-100.0%	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	200	-69.9%	0	0	0.0%	0	0	0.0%	1,150	5,552	-79.3%	
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	1,550	-100.0%	0	0	0.0%	150	0	0.0%	550	3,670	-85.0%	
SHORT TERM NATURAL GAS	U17	0	0	0.0%	3	0	0	375	-100.0%	0	0	0.0%	96	0	0.0%	2,200	3,304	-33.4%	
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	550	-100.0%	0	0	0.0%	22	0	0.0%	1,350	1,037	30.2%	
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	98	0	0.0%	125	3,685	-96.6%	
SHORT TERM NATURAL GAS	U20	0	0	0.0%	15	0	0	350	0.0%	0	0	0.0%	25	0	0.0%	850	2,805	-69.7%	
SHORT TERM NATURAL GAS	U21	0	0	0.0%	10	0	0	100	-100.0%	0	0	0.0%	13	0	0.0%	350	1,899	-81.6%	
SHORT TERM NATURAL GAS	U27	0	0	0.0%	25	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	0.0%	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	150	-100.0%	0	0	0.0%	10	0	0.0%	450	410	9.8%	
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	365	-100.0%	0	0	0.0%	0	0	0.0%	100	3,420	-97.1%	
SHORT TERM NATURAL GAS	U31	0	0	0.0%	2	0	0	100	-100.0%	0	0	0.0%	27	0	0.0%	0	5,750	-100.0%	

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

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Energy Options</b>																			
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%	
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%	
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%	1,150	1,468	-0.22	18,880	30,250	-37.6%	0	0	0.0%	137,661	7,088	1,842.2%	602,136	262,104	129.7%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	500	400	0.25	47,050	90,600	-48.1%	0	0	0.0%	15,050	400	3,662.5%	581,100	473,550	22.7%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Metals Futures</b>																			
COMEX GOLD	GC	0	0	0.0%	6,082,485	6,585,348	-0.08	191,677	223,466	-14.2%	0	0	0.0%	55,810,658	43,544,550	28.2%	2,041,794	1,597,957	27.8%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	2,910	60	47.5	14,325	7,256	97.4%	0	0	0.0%	25,820	1,962	1,216.0%	58,225	36,536	59.4%
NYMEX PLATINUM	PL	0	0	0.0%	404,093	380,656	0.06	8,617	14,228	-39.4%	0	0	0.0%	3,535,327	2,934,267	20.5%	93,095	94,184	-1.2%
PALLADIUM	PA	0	0	0.0%	168,470	155,850	0.08	7,638	8,303	-8.0%	0	0	0.0%	963,247	956,621	0.7%	42,096	52,124	-19.2%
URANIUM	UX	0	0	0.0%	174	0	0	16	232	-93.1%	0	0	0.0%	305	427	-28.6%	1,849	4,030	-54.1%
COMEX SILVER	SI	0	0	0.0%	2,303,039	2,551,022	-0.1	61,070	53,638	13.9%	0	0	0.0%	16,459,272	15,184,866	8.4%	486,174	365,659	33.0%
COMEX E-Mini GOLD	QO	0	0	0.0%	7,762	6,863	0.13	0	0	0.0%	0	0	0.0%	59,958	65,951	-9.1%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	1,210	795	0.52	0	0	0.0%	0	0	0.0%	9,776	7,194	35.9%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	3,377,601	2,918,785	0.16	24,836	26,202	-5.2%	0	0	0.0%	23,552,439	16,770,736	40.4%	229,265	214,514	6.9%
COMEX MINY COPPER	QC	0	0	0.0%	381	674	-0.43	0	0	0.0%	0	0	0.0%	3,921	6,153	-36.3%	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	435	4,140	-89.5%	0	0	0.0%	0	78	-100.0%	11,945	21,851	-45.3%
ALUMINUM	ALA	0	0	0.0%	0	0	0	360	1,990	-81.9%	0	0	0.0%	0	0	0.0%	5,325	2,440	118.2%
ALUMINUM	ALI	0	0	0.0%	0	53	-1	0	0	0.0%	0	0	0.0%	0	4,109	-100.0%	0	950	-100.0%
ALUMINUM	AUP	0	0	0.0%	419	115	2.64	3,043	7,331	-58.5%	0	0	0.0%	5,905	1,535	284.7%	68,871	57,583	19.6%
ALUMINUM	CUP	0	-	-	0	-	0	-	-	-	0	-	25	-	-	180	-	-	
ALUMINUM	EDP	0	0	0.0%	0	30	-1	376	4,170	-91.0%	0	0	0.0%	17	44	-61.4%	10,606	8,686	22.1%
ALUMINUM	MJP	0	0	0.0%	0	0	0	1,060	1,710	-38.0%	0	0	0.0%	76	221	-65.6%	9,359	9,828	-4.8%
COPPER	HGS	0	0	0.0%	0	0	0	500	433	15.5%	0	0	0.0%	0	0	0.0%	11,139	1,418	685.5%
E-MICRO GOLD	MGC	0	0	0.0%	164,142	107,277	0.53	0	0	0.0%	0	0	0.0%	1,070,839	713,349	50.1%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	165	0	0	1,815	220	725.0%	0	0	0.0%	276	35	688.6%	12,903	715	1,704.6%
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	2,829	-95.2%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	0	1,770	-100.0%	0	0	0.0%	0	0	0.0%	0	7,982	-100.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	18	365	-0.95	5,134	6,782	-24.3%	0	0	0.0%	135	2,463	-94.5%	32,388	75,593	-57.2%
LNDN ZINC	ZNC	0	0	0.0%	1,435	0	0	0	0	0.0%	0	0	0.0%	4,266	85	4,918.8%	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%	9,435	10,988	-0.14	0	0	0.0%	0	0	0.0%	60,622	47,805	26.8%	0	0	0.0%

**NYMEX/COMEX Exchange Volume Comparison Report - Monthly**

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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	
<b>Metals Options</b>																			
COMEX COPPER	HX	0	0	0.0%	19,743	10,432	0.89	9,012	0	0.0%	0	0	0.0%	141,106	36,342	288.3%	59,526	2,679	2,121.9%
COMEX GOLD	OG	0	0	0.0%	943,386	750,638	0.26	323,018	249,309	29.6%	0	0	0.0%	6,270,418	5,067,632	23.7%	1,697,984	1,503,757	12.9%
COMEX SILVER	SO	0	0	0.0%	139,306	158,741	-0.12	58,255	13,408	334.5%	0	0	0.0%	1,048,268	877,531	19.5%	217,461	106,124	104.9%
COPPER	H1E	0	-	-	6	-	0	-	-	0	-	-	8	-	-	0	-	-	
COPPER	H2E	0	-	-	53	-	0	-	-	0	-	-	107	-	-	0	-	-	
COPPER	H3E	0	-	-	90	-	0	-	-	0	-	-	95	-	-	0	-	-	
COPPER	H4E	0	-	-	40	-	0	-	-	0	-	-	156	-	-	0	-	-	
COPPER	H5E	0	-	-	12	-	0	-	-	0	-	-	12	-	-	0	-	-	
GOLD	OG1	0	0	0.0%	9,401	5,224	0.8	0	0	0.0%	0	0	0.0%	82,756	23,967	245.3%	1,460	450	224.4%
GOLD	OG2	0	0	0.0%	9,136	5,647	0.62	50	1,758	-97.2%	0	0	0.0%	69,311	24,793	179.6%	3,170	2,658	19.3%
GOLD	OG3	0	0	0.0%	14,277	3,860	2.7	0	0	0.0%	0	0	0.0%	85,587	27,285	213.7%	3,750	1,665	125.2%
GOLD	OG4	0	0	0.0%	8,449	2,367	2.57	0	0	0.0%	0	0	0.0%	49,865	13,451	270.7%	1,250	150	733.3%
GOLD	OG5	0	0	0.0%	10,653	0	0	0	0	0.0%	0	0	0.0%	26,028	5,791	349.5%	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	4,750	-100.0%	0	0	0.0%	0	0	0.0%	200	13,202	-98.5%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	0	4,500	-100.0%	0	0	0.0%	0	0	0.0%	1,280	21,695	-94.1%
NIKKEI 225 (YEN) STOCK	H1E	0	-	-	10	-	0	-	-	0	-	-	21	-	-	0	-	-	
NYMEX PLATINUM	PO	0	0	0.0%	3,284	2,081	0.58	700	2,264	-69.1%	0	0	0.0%	15,849	8,733	81.5%	16,501	13,564	21.7%
PALLADIUM	PAO	0	0	0.0%	1,279	1,891	-0.32	2,050	11,564	-82.3%	0	0	0.0%	12,669	8,848	43.2%	11,882	36,530	-67.5%
SILVER	SO1	0	0	0.0%	691	19	35.37	0	0	0.0%	0	0	0.0%	3,036	517	487.2%	0	25	-100.0%
SILVER	SO2	0	0	0.0%	637	6	105.17	0	0	0.0%	0	0	0.0%	2,430	194	1,152.6%	0	0	0.0%
SILVER	SO3	0	0	0.0%	1,234	10	122.4	0	0	0.0%	0	0	0.0%	4,508	577	681.3%	0	0	0.0%
SILVER	SO4	0	0	0.0%	377	0	0	0	0	0.0%	0	0	0.0%	1,627	114	1,327.2%	0	0	0.0%
SILVER	SO5	0	0	0.0%	911	0	0	0	0	0.0%	0	0	0.0%	2,092	3	69,633.3%	0	0	0.0%
<b>TOTAL FUTURES GROUP</b>																			
Ag Products Futures		0	0	0.0%	2	3	-33.3%	0	0	0.0%	0	0	0.0%	67	176	-61.9%	0	0	0.0%
Energy Futures		0	0	0.0%	37,163,527	54,602,870	-31.9%	2,476,262	3,496,762	-29.2%	0	0	0.0%	355,126,828	350,707,950	1.3%	21,905,532	30,793,627	-28.9%
Metals Futures		0	0	0.0%	12,523,739	12,719,175	-1.5%	320,902	361,871	-11.3%	0	0	0.0%	101,563,020	80,245,281	26.6%	3,115,214	2,552,080	22.1%
<b>TOTAL FUTURES</b>		<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>49,687,268</b>	<b>67,322,048</b>	<b>-26.2%</b>	<b>2,797,164</b>	<b>3,858,633</b>	<b>-27.5%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>456,689,915</b>	<b>430,953,407</b>	<b>6.0%</b>	<b>25,020,746</b>	<b>33,345,707</b>	<b>-25.0%</b>

**NYMEX/COMEX Exchange Volume Comparison Report - Monthly**

Commodity Indicator	Open Outcry AUG 2018	Open Outcry AUG 2017	% CHG	ELEC AUG 2018	ELEC AUG 2017	% CHG	CME ClearPort AUG 2018	CME ClearPort AUG 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
<b>TOTAL OPTIONS GROUP</b>																		
Energy Options	0	0	0.0%	3,751,899	4,026,560	-6.8%	1,412,283	2,031,902	-30.5%	0	0	0.0%	33,949,576	34,712,181	-2.2%	16,061,116	20,481,864	-21.6%
Metals Options	0	0	0.0%	1,162,975	940,916	23.6%	393,085	287,553	36.7%	0	0	0.0%	7,815,949	6,095,778	28.2%	2,014,464	1,702,499	18.3%
<b>TOTAL OPTIONS</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>4,914,874</b>	<b>4,967,476</b>	<b>-1.1%</b>	<b>1,805,368</b>	<b>2,319,455</b>	<b>-22.2%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>41,765,525</b>	<b>40,807,959</b>	<b>2.3%</b>	<b>18,075,580</b>	<b>22,184,363</b>	<b>-18.5%</b>
<b>TOTAL COMBINED</b>																		
Ag Products	0	0	0.0%	2	3	-33.3%	0	0	0.0%	0	0	0.0%	67	176	-61.9%	0	0	0.0%
Energy	0	0	0.0%	40,915,426	58,629,430	-30.2%	3,888,545	5,528,664	-29.7%	0	0	0.0%	389,076,404	385,420,131	0.9%	37,966,648	51,275,491	-26.0%
Metals	0	0	0.0%	13,686,714	13,660,091	0.2%	713,987	649,424	9.9%	0	0	0.0%	109,378,969	86,341,059	26.7%	5,129,678	4,254,579	20.6%
<b>GRAND TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>54,602,142</b>	<b>72,289,524</b>	<b>-24.5%</b>	<b>4,602,532</b>	<b>6,178,088</b>	<b>-25.5%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>498,455,440</b>	<b>471,761,366</b>	<b>5.7%</b>	<b>43,096,326</b>	<b>55,530,070</b>	<b>-22.4%</b>