

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Ag Products Futures</b>																			
COCOA TAS	CJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	8	5	60.0%	0	0	0.0%	
COFFEE	KT	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
COTTON	TT	0	0	0.0%	6	9	-0.33	0	0.0%	0	0	0.0%	36	13	176.9%	0	0	0.0%	
SUGAR 11	YO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	10	58	-82.8%	0	0	0.0%	
<b>Energy Futures</b>																			
CRUDE OIL PHY	CL	0	0	0.0%	26,351,906	20,730,513	0.27	618,334	382,595	61.6%	0	0	0.0%	225,379,020	227,520,577	-0.9%	4,394,553	4,106,272	7.0%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	89	-100.0%	16,694	15,550	7.4%	
MINY WTI CRUDE OIL	QM	0	0	0.0%	606,380	298,906	1.03	0	0.0%	0	0	0.0%	4,345,418	2,989,238	45.4%	0	0	0.0%	
BRENT OIL LAST DAY	BZ	0	0	0.0%	2,381,344	1,525,993	0.56	32,046	37,572	-14.7%	0	0	0.0%	19,359,847	15,291,343	26.6%	438,031	333,467	31.4%
HEATING OIL PHY	HO	0	0	0.0%	3,630,118	3,276,986	0.11	286,571	163,141	75.7%	0	0	0.0%	28,531,122	32,883,814	-13.2%	2,082,277	1,672,176	24.5%
HTG OIL	BH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	96	84	14.3%	
MINY HTG OIL	QH	0	0	0.0%	3	7	-0.57	0	0.0%	0	0	0.0%	29	36	-19.4%	0	0	0.0%	
RBOB PHY	RB	0	0	0.0%	3,869,679	3,707,112	0.04	241,970	193,864	24.8%	0	0	0.0%	36,719,254	35,673,959	2.9%	2,276,553	1,955,185	16.4%
MINY RBOB GAS	QU	0	0	0.0%	4	5	-0.2	0	0.0%	0	0	0.0%	60	33	81.8%	0	0	0.0%	
NATURAL GAS	HP	0	0	0.0%	57,120	73,666	-0.22	100,884	56,246	79.4%	0	0	0.0%	355,689	439,470	-19.1%	678,719	580,478	16.9%
LTD NAT GAS	HH	0	0	0.0%	171,810	188,472	-0.09	158,444	197,207	-19.7%	0	0	0.0%	1,405,540	1,810,102	-22.4%	1,343,824	1,277,278	5.2%
MINY NATURAL GAS	QG	0	0	0.0%	44,528	24,447	0.82	0	0.0%	0	0	0.0%	270,597	227,566	18.9%	0	36	-100.0%	
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NATURAL GAS PHY	NG	0	0	0.0%	9,599,264	9,438,851	0.02	294,050	337,726	-12.9%	0	0	0.0%	70,824,480	77,419,265	-8.5%	2,301,047	2,502,302	-8.0%
RBOB GAS	RT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	72	14,374	-99.5%	
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	97	572	-83.0%	
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%	20	95	-78.9%	
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%	
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%	
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%	
ALGON CITY GATES NAT GAS	N7	-	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%	
ANR LOUISIANA BASIS SWAP	ND	-	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%	
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	3,047	12,328	-75.3%	0	0	0.0%	0	30	-100.0%	76,513	199,409	-61.6%

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<b>Energy Futures</b>																			
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	6,766	6,308	7.3%	0	0	0.0%	0	0	0.0%	56,619	52,095	8.7%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	3,897	4,662	-16.4%	0	0	0.0%	0	0	0.0%	27,360	25,216	8.5%
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	448	100	348.0%	0	0	0.0%	0	0	0.0%	1,763	285	518.6%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	1,498	2,810	-46.7%	0	0	0.0%	0	0	0.0%	59,684	30,799	93.8%
BRENT CFD SWAP	6W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	2,000	-100.0%	0	0	0.0%	0	0	0.0%	7,000	16,264	-57.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	612	0	0.0%	0	0	0.0%	0	0	0.0%	1,381	127	987.4%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	224	-100.0%
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%
CAISO SP15 EZGNHUB5 PEAK	9Z	-	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	36	-100.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	0	29	-1	104,382	85,699	21.8%	0	0	0.0%	509	1,930	-73.6%	945,348	887,665	6.5%
CHICAGO ULSD (PLATTS) SWA	4C	-	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	740	630	17.5%	0	0	0.0%	0	0	0.0%	5,224	3,750	39.3%
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%	1,370	950	44.2%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	196	-100.0%
CIG ROCKIES NG INDEX SWA	Z8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	378	982	-61.5%	0	0	0.0%	0	0	0.0%	4,672	10,992	-57.5%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,920	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	0	1,275	-100.0%	0	0	0.0%	0	0	0.0%	325	1,505	-78.4%
COAL SWAP	ACM	0	0	0.0%	0	0	0	0	45	-100.0%	0	0	0.0%	0	0	0.0%	0	510	-100.0%
COAL SWAP	SSI	-	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%	364	0	0.0%
COLUMBIA GULF ONSHORE	GL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	489	127	285.0%	0	0	0.0%	0	0	0.0%	2,292	1,624	41.1%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	736	135	445.2%	0	0	0.0%	0	0	0.0%	4,292	2,671	60.7%

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<b>Energy Futures</b>																			
CONWAY PROPANE 5 DECIMAL	8K	0	0.0%	15	0	0	12,539	13,861	-9.5%	0	0	0.0%	144	32	350.0%	135,230	144,373	-6.3%	
CRUDE OIL	LPS	0	0.0%	0	0	0	3,300	4,080	-19.1%	0	0	0.0%	0	0	0.0%	25,960	41,935	-38.1%	
CRUDE OIL OUTRIGHTS	42	0	0.0%	0	0	0	604	367	64.6%	0	0	0.0%	0	0	0.0%	3,705	2,262	63.8%	
CRUDE OIL OUTRIGHTS	CC5	0	0.0%	0	0	0	120	90	33.3%	0	0	0.0%	0	0	0.0%	3,311	90	3,578.9%	
CRUDE OIL OUTRIGHTS	CPD	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,956	-100.0%	
CRUDE OIL OUTRIGHTS	CSN	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL OUTRIGHTS	CSW	0	0.0%	0	0	0	0	720	-100.0%	0	0	0.0%	50	0	0.0%	3,142	2,285	37.5%	
CRUDE OIL OUTRIGHTS	DBL	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	99	304.0%	
CRUDE OIL OUTRIGHTS	FE	-	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL OUTRIGHTS	GSW	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	276	105	162.9%	
CRUDE OIL OUTRIGHTS	HTT	0	0.0%	0	0	0	55,218	29,964	84.3%	0	0	0.0%	0	0	0.0%	513,864	437,532	17.4%	
CRUDE OIL OUTRIGHTS	LSW	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,168	320	890.0%	
CRUDE OIL OUTRIGHTS	SSW	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	UMD	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,800	-100.0%	
CRUDE OIL OUTRIGHTS	UNS	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	7,554	-100.0%	
CRUDE OIL OUTRIGHTS	WCC	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	WCW	0	0.0%	0	0	0	2,258	4,051	-44.3%	0	0	0.0%	0	0	0.0%	36,162	60,361	-40.1%	
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 PHY	HCL	0	-	-	5,565	-	574	-	-	0	-	-	113,587	-	-	48,443	-	-	
CRUDE OIL SPRDS	38	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,055	-100.0%	
CRUDE OIL SPRDS	HIL	0	-	-	0	-	0	-	-	0	-	-	0	-	-	720	-	-	
CRUDE OIL SPRDS	WTT	0	0.0%	0	0	0	16,185	29,978	-46.0%	0	0	0.0%	0	0	0.0%	195,615	396,122	-50.6%	
CRUDE OIL TRADE AT MARKER	CLS	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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%	
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%	

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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%	
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	1,000	3,210	-68.8%	
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%	
DIESEL 10PPM BARGES FOB B	U7	-	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%	0	126	-100.0%	
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	125	-100.0%	
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	152	22,230	-99.3%	0	0	0.0%	0	0	0.0%	17,815	37,132	-52.0%	
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	11,641	6,557	0.78	0	0.0%	0	0	0.0%	80,342	14,144	468.0%	0	10	-100.0%	
DY EURO 3.5% FUEL OI RDA	FOR	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	245	-100.0%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	187	-89.3%	
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	596	863	-30.9%	0	0	0.0%	0	0	0.0%	3,357	2,549	31.7%	
ELEC ERCOT DLY OFF PK	I4	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	I3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELEC ERCOT OFF PEAK	I2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	19,600	-100.0%	
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELEC FINSETTLED	49	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
ELEC MISO PEAK	4L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELEC MISO PEAK	55	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELECTRICITY ERCOT PEAK	ERE	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELECTRICITY OFF PEAK	4P	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ELECTRICITY OFF PEAK	50	-	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%	
ELEC WEST POWER PEAK	MDC	-	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%	
ERCOT HOUSTON Z MCPE 5M	I1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,950	-100.0%	
ERCOT NORTH ZMCPE 5MW OF	I8	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
ERCOT NORTH ZMCPE 5MW OF	I6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	19,600	-100.0%	
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,050	-100.0%	
ETHANOL	MTH	0	-	-	0	-	0	-	-	0	-	-	0	-	-	40	-	-	
ETHANOL	Z1B	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ETHANOL SWAP	MT2	0	0	0.0%	0	0	220	60	266.7%	0	0	0.0%	0	0	0.0%	770	330	133.3%	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	2,808	2,912	-3.6%	0	0	0.0%	0	0	0.0%	29,269	26,355	11.1%	
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	0	8	-100.0%	0	0	0.0%	0	0	0.0%	3	33	-90.9%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	156	110	41.8%	0	0	0.0%	0	0	0.0%	458	5,277	-91.3%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	147	834	-82.4%	
EURO-DENOMINATED PETRO P	NCP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	640	-100.0%	
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	370	-100.0%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	63	0	0.0%	0	0	0.0%	0	0	0.0%	526	366	43.7%	
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%	
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	385	828	-53.5%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	803	2,176	-63.1%	0	0	0.0%	0	0	0.0%	8,838	70,557	-87.5%	
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	188	670	-0.72	0	0.0%	0	0	0.0%	1,004	4,321	-76.8%	0	0	0.0%	
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	55	119	-53.8%	0	0	0.0%	0	0	0.0%	1,398	2,408	-41.9%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	1,831	6,419	-71.5%	0	0	0.0%	0	0	0.0%	36,091	78,910	-54.3%	
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	1,090	-100.0%	0	0	0.0%	0	0	0.0%	1,633	1,090	49.8%	
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	3	0	0.0%	0	0	0.0%	0	0	0.0%	8	39	-79.5%	
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	849	2,979	-71.5%	0	0	0.0%	0	0	0.0%	16,242	30,288	-46.4%	
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	1,691	1,393	21.4%	0	0	0.0%	0	0	0.0%	17,201	15,353	12.0%	
FLORIDA GAS ZONE3 BASIS S	FP	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
FREIGHT MARKETS	ACB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	420	-	-	
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	24	216	-88.9%	0	0	0.0%	0	0	0.0%	1,409	1,283	9.8%	
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	102	0	0.0%	0	0	0.0%	0	0	0.0%	1,312	600	118.7%	
FREIGHT MARKETS	FRS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	0	0.0%	
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	215	375	-42.7%	0	0	0.0%	0	0	0.0%	4,555	2,498	82.3%	
FREIGHT MARKETS	TC6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	240	-100.0%	
FREIGHT MARKETS	TD3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	140	30	366.7%	
FREIGHT MARKETS	TD8	0	-	-	0	-	0	-	-	0	-	-	0	-	-	60	-	-	
FREIGHT MARKETS	USC	0	-	-	0	-	110	-	-	0	-	-	0	-	-	270	-	-	
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	1,401	1,168	19.9%	0	0	0.0%	0	0	0.0%	15,412	33,245	-53.6%	
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%	15	171	-91.2%	

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	154	-96.1%	
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	120	-100.0%	
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	13	140	-90.7%	0	0	0.0%	0	0	0.0%	1,439	2,018	-28.7%	
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	2,363	6,960	-66.0%	0	0	0.0%	0	0	0.0%	46,822	69,108	-32.2%	
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	5,443	11,584	-53.0%	0	0	0.0%	0	0	0.0%	72,388	164,316	-55.9%	
GASOIL 0.1 CIF MED SWAP	Z4	-	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%	0	10	-100.0%	
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	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%	
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%	21	10	110.0%	
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	35	195	-82.1%	0	0	0.0%	0	0	0.0%	138	1,455	-90.5%	
GASOIL 10P CRG CIF NW VS	3V	-	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	0	0.0%	0	0	0.0%	0	0	0.0%	39	12	225.0%	
GASOIL BULLET SWAP	BG	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	6	0	0.0%	0	0	0.0%	0	0	0.0%	135	54	150.0%	
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	552	1,850	-70.2%	0	0	0.0%	0	0	0.0%	5,666	37,402	-84.9%	
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	414	270	53.3%	0	0	0.0%	0	0	0.0%	2,724	1,712	59.1%	
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	2,354	111	20.21	0	0	0.0%	0	0.0%	21,702	3,102	599.6%	0	0	0.0%	
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	205	-100.0%	
GROUP THREE UNLEAD GAS (F	A9	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	425	-29.4%	
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	4,333	4,200	3.2%	0	0	0.0%	0	0	0.0%	32,598	31,918	2.1%	
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	2,095	2,345	-10.7%	0	0	0.0%	0	0	0.0%	23,282	18,122	28.5%	
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	2,229	271	722.5%	0	0	0.0%	0	0	0.0%	7,830	11,737	-33.3%	
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	39	-100.0%	0	0	0.0%	0	0	0.0%	267	1,195	-77.7%	
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	18,854	40,890	-53.9%	0	0	0.0%	0	0	0.0%	189,951	342,498	-44.5%	
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	22,691	32,342	-29.8%	0	0	0.0%	2	0	0.0%	209,226	504,719	-58.5%	
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	70	921	-92.4%	0	0	0.0%	0	0	0.0%	1,643	15,794	-89.6%	
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	586	863	-32.1%	0	0	0.0%	0	0	0.0%	3,628	2,888	25.6%	
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	360	0	0.0%	0	0	0.0%	0	0	0.0%	360	1,295	-72.2%	
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	565	243	132.5%	
HEATING OIL CRCK SPRD BAL	1H	0	-	-	0	-	0	-	-	0	-	-	0	-	-	18	-	-	
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%	
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	3,184	7,936	-59.9%	0	0	0.0%	0	0	0.0%	15,610	15,430	1.2%	
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	3,831	-1	0	0.0%	0	0	0.0%	0	26,296	-100.0%	0	0	0.0%	

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
HENRY HUB FINANCIAL LAST	TTE	0	0	0.0%	0	30	-1	0	0	0.0%	0	0	0.0%	0	885	-100.0%	0	0	0.0%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	3,184	7,936	-59.9%	0	0	0.0%	0	0	0.0%	15,610	15,430	1.2%
HENRY HUB SWAP	NN	0	0	0.0%	0	1,330	-1	107,139	108,946	-1.7%	0	0	0.0%	122	56,209	-99.8%	921,695	1,461,123	-36.9%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	736	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%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	8,283	7,627	8.6%	0	0	0.0%	0	0	0.0%	49,427	90,578	-45.4%
ICE GASOIL BALMO SWAP	U9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0	0.0%
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%
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	PTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0	0	350	265	32.1%	0	0	0.0%	0	0	0.0%	3,315	1,250	165.2%
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	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	196	1,689	-88.4%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	471	1,758	-73.2%	0	0	0.0%	0	0	0.0%	9,623	18,247	-47.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	5	28	-82.1%	0	0	0.0%	0	0	0.0%	333	526	-36.7%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	132	12	1,000.0%	0	0	0.0%	0	0	0.0%	232	642	-63.9%
JET FUEL BRG FOB RDM VS I	9Q	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	132	0	0.0%	0	0	0.0%	0	0	0.0%	132	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	3,090	5,320	-41.9%	0	0	0.0%	0	0	0.0%	37,178	53,077	-30.0%
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	855	796	7.4%	0	0	0.0%	0	0	0.0%	13,366	10,014	33.5%
LA CARB DIESEL (OPIS)	LX	-	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	0	100	-100.0%	0	0	0.0%	0	0	0.0%	375	2,730	-86.3%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	25	100	-75.0%	0	0	0.0%	0	0	0.0%	2,875	4,250	-32.4%
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%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	750	950	-21.1%	0	0	0.0%	0	0	0.0%	11,234	18,593	-39.6%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	607	-100.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	575	4,750	-87.9%	0	0	0.0%	0	0	0.0%	17,174	51,462	-66.6%
LOS ANGELES CARB GASOLIN	MH	0	-	-	0	-	0	0	-	-	0	-	0	-	-	-	10	-	-

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	800	785	1.9%	0	0	0.0%	0	0	0.0%	14,430	19,985	-27.8%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	12,327	9,945	24.0%	0	0	0.0%	480	375	28.0%	160,801	191,116	-15.9%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,319	-100.0%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	506	0	0	32,643	24,612	32.6%	0	0	0.0%	4,997	719	595.0%	264,009	216,961	21.7%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	1,921	2,243	-14.4%	0	0	0.0%	0	0	0.0%	20,560	28,726	-28.4%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	218	-100.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	490	633	-22.6%
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	99	238	-58.4%	0	0	0.0%	0	0	0.0%	1,975	3,189	-38.1%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	320	348	-8.0%	0	0	0.0%	0	0	0.0%	3,820	3,383	12.9%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	829	1,982	-58.2%	0	0	0.0%	0	0	0.0%	18,350	15,549	18.0%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	1,325	-88.7%
MNC FUT	MNC	0	0	0.0%	0	0	0	1,463	4,192	-65.1%	0	0	0.0%	0	0	0.0%	32,936	35,121	-6.2%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	21,568	22,944	-6.0%	0	0	0.0%	0	0	0.0%	146,066	148,003	-1.3%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	85	195	-56.4%	0	0	0.0%	0	0	0.0%	1,364	1,485	-8.1%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	0	14	-1	138,491	112,948	22.6%	0	0	0.0%	112	184	-39.1%	1,308,311	1,076,815	21.5%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	2,054	1,938	6.0%	0	0	0.0%	0	0	0.0%	26,871	23,551	14.1%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	10,886	8,955	21.6%	0	0	0.0%	0	0	0.0%	73,905	72,888	1.4%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	595	125	376.0%	0	0	0.0%	0	0	0.0%	5,724	3,351	70.8%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	58,118	36,686	58.4%	0	0	0.0%	0	0	0.0%	424,314	309,135	37.3%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	917	921	-0.4%	0	0	0.0%	0	0	0.0%	11,594	9,522	21.8%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS	XIC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	DSF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS INDEX	TZI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	49,118	24,871	97.5%	0	0	0.0%	0	0	0.0%	275,582	304,813	-9.6%
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	0.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	25,355	-100.0%	0	0	0.0%	0	0	0.0%	71,600	104,875	-31.7%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	6,640	-100.0%	0	0	0.0%	0	0	0.0%	0	11,016	-100.0%	
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	0.0%
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	0.0%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
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 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	0	1,152	850	35.5%	0	0	0.0%	0	0	0.0%	6,873	11,516	-40.3%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0	0	520	1,480	-64.9%	0	0	0.0%	0	0	0.0%	1,760	1,880	-6.4%
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	120	2,280	-94.7%	0	0	0.0%	0	0	0.0%	2,696	25,116	-89.3%
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	0.0%
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	0.0%
NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	0	150	425	-64.7%	0	0	0.0%	0	0	0.0%	825	2,983	-72.3%
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	0.0%
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
NORTHERN ILLINOIS OFF-PEA	UO	-	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%	3,106	0	0.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	59	-100.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	450	300	50.0%	0	0	0.0%	0	0	0.0%	4,297	13,233	-67.5%
NY 2.2% FUEL OIL (PLATTS	Y3	-	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	0	145	-100.0%	0	0	0.0%	0	0	0.0%	775	1,795	-56.8%
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%	25	50	-50.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	5	0	0	1,584	1,062	49.2%	0	0	0.0%	19	67	-71.6%	18,734	17,024	10.0%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	390	2,845	-86.3%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	155	969	-84.0%	0	0	0.0%	0	0	0.0%	6,353	10,133	-37.3%
NY HARBOR RESIDUAL FUEL C	ML	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	1,500	315	376.2%	0	0	0.0%	0	0	0.0%	4,125	7,712	-46.5%
NYISO A	KA	-	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%
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	380	0	0.0%	0	0	0.0%	0	0	0.0%	620	246	152.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	0	735	-100.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	275	-78.2%
NYISO G	KG	-	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%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
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	0	0.0%	
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	0.0%	
NYISO ZONE C 5MW D AH O P	A3	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NYISO ZONE C 5MW D AH PK	Q5	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	101,424	600,854	-83.1%	
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	1,510	-100.0%	0	0	0.0%	0	0	0.0%	8,174	19,794	-58.7%	
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	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%	1,450	0	0.0%	
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,595	213	648.8%	
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	1,860	1,240	50.0%	0	0	0.0%	0	0	0.0%	1,860	2,704	-31.2%
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%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	10	150.0%	
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%	
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	275	-100.0%	
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETROCHEMICALS	22	0	0	0.0%	0	0	0	196	240	-18.3%	0	0	0.0%	0	0	0.0%	1,523	1,546	-1.5%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	72	120	-40.0%	0	0	0.0%	0	0	0.0%	930	1,474	-36.9%
PETROCHEMICALS	3NA	0	-	-	0	-	0	0	-	0	-	-	0	-	-	49	-	-	
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	77	23	234.8%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	932	603	54.6%	0	0	0.0%	0	0	0.0%	5,814	6,287	-7.5%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	716	485	47.6%	0	0	0.0%	0	0	0.0%	4,454	3,672	21.3%
PETROCHEMICALS	HPE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	280	50	460.0%
PETROCHEMICALS	MAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	540	260	107.7%	0	0	0.0%	0	0	0.0%	3,501	1,752	99.8%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	252	395	-36.2%	0	0	0.0%	0	0	0.0%	2,034	1,541	32.0%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	290	940	-69.1%	0	0	0.0%	0	0	0.0%	3,005	7,630	-60.6%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	344	1,298	-73.5%	0	0	0.0%	0	0	0.0%	6,055	17,617	-65.6%

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 SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	309	120	157.5%	0	0	0.0%	0	0	0.0%	2,067	1,010	104.7%
PETRO CRCKS & SPRDS ASIA	JNC	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 ASIA	STI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	332	509	-34.8%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	6,460	5,560	16.2%	0	0	0.0%	0	0	0.0%	61,886	17,565	252.3%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	1,113	2,957	-62.4%	0	0	0.0%	0	0	0.0%	22,555	25,827	-12.7%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	300	1,050	-71.4%	0	0	0.0%	0	0	0.0%	3,670	6,625	-44.6%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	500	975	-48.7%	0	0	0.0%	0	0	0.0%	5,718	11,310	-49.4%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,740	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	659	540	22.0%	0	0	0.0%	0	0	0.0%	11,418	13,087	-12.8%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	300	163	84.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	1,302	4,705	-72.3%	0	0	0.0%	0	0	0.0%	27,984	113,369	-75.3%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	40	150.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	2,195	564	289.2%	0	0	0.0%	0	0	0.0%	16,657	8,597	93.8%
PETRO CRCKS & SPRDS NA	KSD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
PETRO CRCKS & SPRDS NA	NYH	-	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	7,279	5,497	32.4%	0	0	0.0%	0	0	0.0%	67,101	48,760	37.6%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	10,128	10,750	-5.8%	0	0	0.0%	0	0	0.0%	120,826	143,843	-16.0%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	171	0	0.0%	0	0	0.0%	0	0	0.0%	1,055	321	228.7%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	510	1,022	-50.1%	0	0	0.0%	0	0	0.0%	10,083	16,833	-40.1%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	0	390	-100.0%	0	0	0.0%	0	0	0.0%	155	3,369	-95.4%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	1,034	633	63.3%	0	0	0.0%	0	0	0.0%	5,076	15,365	-67.0%
PETRO CRK&SPRD EURO	EGB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	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%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	23	213	-89.2%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	337	768	-56.1%	0	0	0.0%	0	0	0.0%	5,200	8,108	-35.9%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	1,988	931	113.5%	0	0	0.0%	0	0	0.0%	5,630	18,602	-69.7%
PETRO CRK&SPRD EURO	FBT	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	60	-	-

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
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	-100.0%	
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	517	680	-24.0%	
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	84	-100.0%	
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	120	110	9.1%	
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	110	163	-32.5%	
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	58	162	-64.2%	
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	105	1,894	-94.5%	0	0	0.0%	0	0	0.0%	3,400	15,338	-77.8%	
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	56	125	-55.2%	
PETROLEUM PRODUCTS	1NM	0	-	-	0	-	30	-	-	0	-	-	0	-	-	738	-	-	
PETROLEUM PRODUCTS	EWB	-	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	525	6,571	-92.0%	0	0	0.0%	0	0	0.0%	20,530	42,524	-51.7%	
PETROLEUM PRODUCTS	JCC	0	-	-	0	-	700	-	-	0	-	-	0	-	-	720	-	-	
PETROLEUM PRODUCTS	MBS	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROLEUM PRODUCTS	MGS	-	0	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%	0	30	-100.0%	
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETROLEUM PRODUCTS	NCC	0	-	-	0	-	10	-	-	0	-	-	0	-	-	10	-	-	
PETROLEUM PRODUCTS	R5F	0	-	-	0	-	6	-	-	0	-	-	0	-	-	15	-	-	
PETROLEUM PRODUCTS	S53	0	-	-	0	-	24	-	-	0	-	-	0	-	-	51	-	-	
PETROLEUM PRODUCTS	UP5	0	-	-	0	-	66	-	-	0	-	-	0	-	-	66	-	-	
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	13	0	0.0%	0	0	0.0%	0	0	0.0%	390	1,044	-62.6%	
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	128	654	-80.4%	
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	735	1,750	-58.0%	0	0	0.0%	0	0	0.0%	13,381	17,184	-22.1%	
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%	
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	291	84	246.4%	
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	45	23	95.7%	
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	1,510	1,118	35.1%	0	0	0.0%	0	0	0.0%	12,642	11,889	6.3%	
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	50	40	25.0%	0	0	0.0%	0	0	0.0%	126	238	-47.1%	
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	254	346	-26.6%	0	0	0.0%	0	0	0.0%	3,384	4,911	-31.1%	
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	3	0	0.0%	0	0	0.0%	0	0	0.0%	8	39	-79.5%	
PETRO OUTRIGHT EURO	33	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	5L	0	0	0.0%	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	228	224	1.8%	
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	62	0	0.0%	0	0	0.0%	0	0	0.0%	77	172	-55.2%	
PETRO OUTRIGHT EURO	6L	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	75	317	-76.3%	0	0	0.0%	0	0	0.0%	719	899	-20.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	40	239	-83.3%	0	0	0.0%	0	0	0.0%	1,237	2,774	-55.4%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	105	-76.2%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	55	-72.7%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	153	127	20.5%	0	0	0.0%	0	0	0.0%	2,000	3,136	-36.2%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	172	116	48.3%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	31	0	0.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	17	40	-57.5%	0	0	0.0%	0	0	0.0%	163	145	12.4%
PETRO OUTRIGHT EURO	ESB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	83	638	-87.0%	0	0	0.0%	0	0	0.0%	4,028	6,250	-35.6%
PETRO OUTRIGHT EURO	FBD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	6	5	20.0%
PETRO OUTRIGHT EURO	GES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	H5G	0	-	-	0	-	0	144	-	-	0	-	-	0	-	-	264	-	-
PETRO OUTRIGHT EURO	M1B	0	-	-	0	-	0	458	-	-	0	-	-	0	-	-	458	-	-
PETRO OUTRIGHT EURO	M35	0	-	-	0	-	0	19	-	-	0	-	-	0	-	-	19	-	-
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	271	-100.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	220	409	-46.2%	0	0	0.0%	0	0	0.0%	3,062	8,787	-65.2%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	456	408	11.8%	0	0	0.0%	0	0	0.0%	3,139	423	642.1%
PETRO OUTRIGHT EURO	R53	0	-	-	0	-	0	30	-	-	0	-	-	0	-	-	84	-	-
PETRO OUTRIGHT EURO	R5M	0	-	-	0	-	0	227	-	-	0	-	-	0	-	-	1,062	-	-
PETRO OUTRIGHT EURO	R5O	0	-	-	0	-	0	933	-	-	0	-	-	0	-	-	1,185	-	-
PETRO OUTRIGHT EURO	S5F	0	-	-	0	-	0	18	-	-	0	-	-	0	-	-	41	-	-
PETRO OUTRIGHT EURO	S5M	0	-	-	0	-	0	201	-	-	0	-	-	0	-	-	811	-	-
PETRO OUTRIGHT EURO	S5O	0	-	-	0	-	0	78	-	-	0	-	-	0	-	-	84	-	-
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	100	75	33.3%	0	0	0.0%	0	0	0.0%	725	553	31.1%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9	-100.0%
PETRO OUTRIGHT EURO	T2B	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	15	-	-
PETRO OUTRIGHT EURO	TMB	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	50	-	-
PETRO OUTRIGHT EURO	ULB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	980	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0	0	0	116	-100.0%	0	0	0.0%	0	0	0.0%	0	116	-100.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	0	152	-100.0%	0	0	0.0%	0	0	0.0%	426	744	-42.7%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	0	8	-100.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	180	0	0.0%	0	0	0.0%	0	0	0.0%	240	69	247.8%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	1,475	5,935	-75.1%	0	0	0.0%	0	0	0.0%	21,130	27,155	-22.2%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	1,025	700	46.4%	0	0	0.0%	0	0	0.0%	6,775	4,560	48.6%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	204	0	0.0%	0	0	0.0%	0	0	0.0%	204	40	410.0%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	128	410	-68.8%	0	0	0.0%	0	0	0.0%	1,454	3,978	-63.4%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	1,005	2,539	-60.4%	0	0	0.0%	0	0	0.0%	21,057	32,708	-35.6%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	295	100	195.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	40	56	-28.6%	0	0	0.0%	0	0	0.0%	795	130	511.5%
PETRO OUTRIGHT NA	NYT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	0	13,365	-100.0%	0	0	0.0%	0	0	0.0%	117,180	41,397	183.1%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	0	0	420	-100.0%	0	0	0.0%	0	0	0.0%	2,560	13,073	-80.4%
PJM AECO DA OFF-PEAK	X1	-	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%
PJM APS ZONE DA OFF-PEAK	W4	-	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%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	0.0%
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	0.0%
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%	0	0	0.0%
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%	0	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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%	0	0	0.0%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM JCPL DA OFF-PEAK	F2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM JCPL DA PEAK	J2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,845	5,100	-24.6%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	0	5,925	-100.0%	0	0	0.0%	0	0	0.0%	70,000	5,925	1,081.4%
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%	0	0	0.0%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CA	4N	0	-	-	0	-	0	-	-	-	0	-	-	-	-	-	0	-	-

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
PJM PPL DA OFF-PEAK	F5	-	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%
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	23,400	-100.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,275	-100.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	101,810	-100.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,525	-100.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	0	15,920	-100.0%	0	0	0.0%	0	0	0.0%	47,100	309,920	-84.8%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	2,186	10,666	-79.5%	0	0	0.0%	0	0	0.0%	49,276	56,636	-13.0%
PLASTICS	PGP	0	0	0.0%	0	0	0	690	140	392.9%	0	0	0.0%	0	0	0.0%	6,410	3,155	103.2%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	32	280	-88.6%	0	0	0.0%	0	0	0.0%	837	2,313	-63.8%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	74	35	111.4%	0	0	0.0%	0	0	0.0%	139	438	-68.3%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	80	-75.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	5	140	-96.4%	0	0	0.0%	0	0	0.0%	35	326	-89.3%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	742	621	19.5%	0	0	0.0%	0	0	0.0%	12,801	5,019	155.1%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	20,035	15,272	31.2%	0	0	0.0%	0	0	0.0%	165,880	109,021	52.2%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	5,128	5,274	-2.8%	0	0	0.0%	0	0	0.0%	53,004	51,358	3.2%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	1,265	255	396.1%	0	0	0.0%	0	0	0.0%	10,140	9,468	7.1%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	0	0.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	724	1,252	-42.2%	0	0	0.0%	0	0	0.0%	8,620	10,252	-15.9%
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 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 VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	1,975	-96.2%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	58	-100.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	360	-100.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	96	5	1,820.0%	0	0	0.0%	0	0	0.0%	209	443	-52.8%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	83	132	-37.1%	0	0	0.0%	0	0	0.0%	799	1,940	-58.8%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	2,108	5,841	-63.9%	0	0	0.0%	0	0	0.0%	26,245	78,162	-66.4%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	32	357	-91.0%	0	0	0.0%	0	0	0.0%	2,264	7,554	-70.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	100	170	-41.2%	0	0	0.0%	0	0	0.0%	595	5,894	-89.9%
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	2,449	575	325.9%	0	0	0.0%	0	0	0.0%	17,812	583	2,955.2%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	65	15	333.3%	0	0	0.0%	0	0	0.0%	456	491	-7.1%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	2,759	4,118	-33.0%	0	0	0.0%	0	0	0.0%	34,034	42,241	-19.4%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,300	-100.0%
SINGAPORE GASOIL CALEND	GDH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Futures</b>																			
SINGAPORE GASOIL CALEND	GDL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%	
SINGAPORE GASOIL CALEND	GHS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	270	0	0.0%	
SINGAPORE GASOIL CALEND	MGO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%	
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	85	123	-30.9%	0	0	0.0%	0	0	0.0%	1,535	4,372	-64.9%	
SINGAPORE GASOIL CALEND	SGG	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	325	-100.0%	
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	427	9,250	-95.4%	0	0	0.0%	0	2	-100.0%	8,742	44,941	-80.5%	
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	10,824	-100.0%	0	0	0.0%	0	0	0.0%	4,490	118,040	-96.2%	
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	-100.0%	
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	2,675	-100.0%	0	0	0.0%	0	0	0.0%	100	33,845	-99.7%	
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	425	3,015	-85.9%	0	0	0.0%	0	0	0.0%	4,990	12,075	-58.7%	
SINGAPORE JET KERO VS. GAS	ZO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	400	-100.0%	
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	25	370	-93.2%	0	0	0.0%	0	0	0.0%	1,500	5,346	-71.9%	
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	2,385	11,958	-80.1%	0	0	0.0%	0	2	-100.0%	85,668	123,135	-30.4%	
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%	
SING FUEL	MSD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	95	-100.0%	
SOCAL PIPE SWAP	XN	-	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%	
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%	
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	91	-100.0%	
SUMAS NAT GAS PLATTS FIXE	DVS	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	180	169	6.5%	0	0	0.0%	0	0	0.0%	2,241	717	212.6%	
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	840	105	700.0%	0	0	0.0%	0	0	0.0%	3,341	345	868.4%	
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
TCO NG INDEX SWAP	Q1	-	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	0.0%	0	0	8,334	745	1,018.7%	0	0	0.0%	0	0	0.0%	46,280	9,400	392.3%	
TENNESSEE 500 LEG BASIS S	NM	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
TENNESSEE 800 LEG NG BASI	6Z	-	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%	
TETCO M-3 INDEX	IX	-	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%	
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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%	
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	0.0%	
TRANSCO ZONE 3 NG INDEX S	Y6	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
<b>Energy Futures</b>																		
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	0.0%
TRANSCO ZONE 4 NAT GAS IN	B2	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 INDEX	IT	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	60	-66.7%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	1,210	5,342	-0.77	0	0.0%	0	0	0.0%	5,679	45,904	-87.6%	0	150	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	14	-100.0%
ULSD 10PPM CIF NW BALMO S	B1	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	5,055	-44.1%	0	0	0.0%	0	0	0.0%	45,225	49,404	-8.5%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	46,097	30.2%	0	0	0.0%	0	0	0.0%	291,013	289,349	0.6%
WAHA BASIS	NW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	3,201	-79.7%
WAHA INDEX SWAP FUTURE	IY	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,449	6,650	-78.2%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	34,379	-26.1%	0	0	0.0%	0	6	-100.0%	322,786	297,349	8.6%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	38,470	20.8%	0	0	0.0%	0	0	0.0%	358,564	295,889	21.2%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	1,625	-85.2%	0	0	0.0%	0	0	0.0%	38,532	79,502	-51.5%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	42	0.0%	0	0	0.0%	0	0	0.0%	6,535	5,385	21.4%
<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%
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,000	-100.0%
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	139	-100.0%	0	0	0.0%	0	0	0.0%	3,810	5,854	-34.9%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,000	-100.0%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	6,200	-100.0%	0	0	0.0%	1,800	2,900	-37.9%	33,390	389,138	-91.4%
BRENT CRUDE OIL 6 M CSO	9L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,000	-100.0%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	18,287	237.4%	0	0	0.0%	0	0	0.0%	331,976	266,332	24.6%
BRENT OIL LAST DAY	BZO	0	0	0.0%	53,891	85,616	-0.37	36,710	-77.4%	0	0	0.0%	567,256	550,239	3.1%	311,396	741,657	-58.0%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	190	-100.0%	0	1,000	-100.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	5	-99.3%	0	0	0.0%	0	0	0.0%	215	6,105	-96.5%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	75	0.0%	0	0	0.0%	0	0	0.0%	835	3,455	-75.8%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Options</b>																			
COAL API2 INDEX	MTC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL	6Y	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	150	-	-
CRUDE OIL 1MO	WA	0	0	0.0%	10,450	4,345	1.41	215,825	82,250	162.4%	0	0	0.0%	79,961	125,235	-36.2%	2,019,825	1,679,400	20.3%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	32,964	43,146	-23.6%	0	0	0.0%	3	331	-99.1%	410,738	414,318	-0.9%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	170	17.6%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	DBP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	960	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	1,300	19,350	-93.3%
CRUDE OIL PHY	LC	0	0	0.0%	0	0	0	8,746	8,307	5.3%	0	0	0.0%	60	724	-91.7%	91,736	86,722	5.8%
CRUDE OIL PHY	LO	0	0	0.0%	2,632,684	2,661,642	-0.01	477,630	546,571	-12.6%	0	0	0.0%	21,262,582	25,711,120	-17.3%	3,603,387	5,669,034	-36.4%
CRUDE OIL PHY	LO1	0	0	0.0%	14,055	13,353	0.05	0	0	0.0%	0	0	0.0%	134,516	124,163	8.3%	775	75	933.3%
CRUDE OIL PHY	LO2	0	0	0.0%	9,337	14,508	-0.36	0	0	0.0%	0	0	0.0%	126,597	135,776	-6.8%	550	250	120.0%
CRUDE OIL PHY	LO3	0	0	0.0%	21,284	14,409	0.48	300	0	0.0%	0	0	0.0%	92,872	92,664	0.2%	700	325	115.4%
CRUDE OIL PHY	LO4	0	0	0.0%	21,021	17,766	0.18	100	0	0.0%	0	0	0.0%	145,560	136,438	6.7%	300	350	-14.3%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	47,414	49,480	-4.2%	700	225	211.1%
ELEC MISO PEAK	9T	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	275	-100.0%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	9,400	1,615	482.0%	0	0	0.0%	0	0	0.0%	100,326	59,426	68.8%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	450	-100.0%	0	0	0.0%	0	0	0.0%	780	3,118	-75.0%
EUROPEAN JET KEROSENE N	30	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	TDT	0	-	-	0	-	1,800	-	-	0	-	-	0	-	-	0	1,800	-	-
GASOLINE	GCE	-	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%
HEATING OIL CRK SPD AVG PR	3W	-	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	175	0	0.0%	0	0	0.0%	2	0	0.0%	1,900	750	153.3%
HEATING OIL PHY	OH	0	0	0.0%	6,131	3,656	0.68	22,440	21,290	5.4%	0	0	0.0%	40,064	46,540	-13.9%	217,796	217,909	-0.1%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	46	0	0	8,938	8,069	10.8%	0	0	0.0%	46	5	820.0%	57,634	40,429	42.6%
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%	2,150	0	0.0%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Options</b>																			
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
LLS CRUDE OIL	YVO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	35	-100.0%	0	0	0.0%	0	0	0.0%	130	290	-55.2%	
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	920	2,005	-54.1%	
NATURAL GAS	G10	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	8,002	243	31.93	175,175	31,850	450.0%	0	0	0.0%	19,522	1,629	1,098.4%	597,130	316,791	88.5%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	1,500	200	650.0%	0	0	0.0%	0	0	0.0%	5,625	1,400	301.8%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	46,275	500	9,155.0%	0	0	0.0%	0	1	-100.0%	224,625	44,045	410.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	1,250	0	0.0%	0	0	0.0%	0	0	0.0%	2,850	2,550	11.8%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	6,450	7,650	-15.7%	0	0	0.0%	0	0	0.0%	47,525	78,600	-39.5%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	3,040	1,064	185.7%	0	0	0.0%	0	0	0.0%	22,000	23,372	-5.9%
NATURAL GAS PHY	KD	0	0	0.0%	621	7,972	-0.92	5,840	5,750	1.6%	0	0	0.0%	5,008	110,450	-95.5%	25,670	71,185	-63.9%
NATURAL GAS PHY	LN	0	0	0.0%	1,247,328	1,278,854	-0.02	770,840	674,125	14.3%	0	0	0.0%	7,445,681	9,481,995	-21.5%	5,984,001	6,123,400	-2.3%
NATURAL GAS PHY	ON	0	0	0.0%	123,066	181,085	-0.32	2,950	9,740	-69.7%	0	0	0.0%	1,070,642	1,479,399	-27.6%	33,606	87,503	-61.6%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0	0	0	900	-100.0%	0	0	0.0%	0	0	0.0%	1,500	2,100	-28.6%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	546	236	131.4%	0	0	0.0%	0	0	0.0%	4,170	2,016	106.8%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	19	50	-0.62	1,981	2,406	-17.7%	0	0	0.0%	396	496	-20.2%	18,591	22,147	-16.1%
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	0	0.0%
NYMEX EUROPEAN GASOIL AP	F7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	4H	0	0	0.0%	0	0	0	50	291	-82.8%	0	0	0.0%	21	23	-8.7%	4,808	5,282	-9.0%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	1,350	-85.2%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	560	3,300	-83.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	0	0.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	-	-	0	-	0	-	-	-	0	-	0	-	-	-	24	-	-
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	180	192	-6.3%	0	0	0.0%	0	0	0.0%	420	192	118.8%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	20	130	-84.6%	0	0	0.0%	0	0	0.0%	660	450	46.7%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	880	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	295	-100.0%	0	0	0.0%	0	0	0.0%	836	7,152	-88.3%	
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	700	-78.6%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	120	0	0.0%	0	0	0.0%	0	0	0.0%	501	965	-48.1%
RBOB CRACK	RX	0	-	-	0	-	0	-	-	-	0	-	0	-	-	-	0	-	-
RBOB PHY	OB	0	0	0.0%	3,649	2,412	0.51	5,705	6,635	-14.0%	0	0	0.0%	32,924	31,187	5.6%	102,520	70,172	46.1%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Options</b>																			
RBOB PHY	RF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	6	0	0.0%	1,618	125	1,194.4%	
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	236	-100.0%	0	0	0.0%	0	0	0.0%	2,970	2,118	40.2%	
SHORT TERM	C15	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
SHORT TERM	U11	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	111	-100.0%	700	1,125	-37.8%	
SHORT TERM	U12	0	0	0.0%	0	15	-1	450	100	350.0%	0	0	0.0%	0	100	-100.0%	1,480	850	74.1%
SHORT TERM	U13	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	400	-62.5%	
SHORT TERM	U14	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	13	-100.0%	150	850	-82.4%	
SHORT TERM	U15	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	25	147	-83.0%	1,250	650	92.3%	
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	1	96	-99.0%	0	1,125	-100.0%	
SHORT TERM	U23	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	17	148	-88.5%	100	750	-86.7%	
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	379	-100.0%	250	500	-50.0%	
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	100	-100.0%	
SHORT TERM	U26	0	0	0.0%	0	0	0	100	100	0.0%	0	0	0.0%	0	0.0%	100	400	-75.0%	
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	25	0	0.0%	500	550	-9.1%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	98	-100.0%	175	1,350	-87.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	4	54	-92.6%	700	1,375	-49.1%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	600	1,575	-61.9%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	10	-1	0	600	-100.0%	0	0	0.0%	0	90	-100.0%	250	1,330	-81.2%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	100	625	-84.0%	0	0	0.0%	5	50	-90.0%	500	1,450	-65.5%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	1	-100.0%	650	1,600	-59.4%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	2,450	1,375	78.2%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	34	-100.0%	600	1,500	-60.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	500	100	400.0%	0	0	0.0%	0	0	0.0%	750	1,250	-40.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	150	-100.0%	250	550	-54.5%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	96	-100.0%	150	2,200	-93.2%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	25	22	13.6%	100	1,450	-93.1%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	25	-1	0	0	0.0%	0	0	0.0%	0	123	-100.0%	100	125	-20.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	0	550	-100.0%	0	0	0.0%	0	25	-100.0%	300	1,400	-78.6%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	13	-100.0%	50	350	-85.7%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	0	400	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	400	100	300.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	10	-100.0%	100	450	-77.8%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	600	100	500.0%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Energy Options</b>																			
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	27	-100.0%	1,200	0	0.0%	
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SINGAPORE JET FUEL CALENDAR	N2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SOCAL PIPE SWAP	ZN	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	1,100	1,104	0	65,800	34,550	90.4%	0	0	0.0%	31,705	138,765	-77.2%	479,225	636,686	-24.7%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	0	0	21,550	39,700	-45.7%	0	0	0.0%	8,600	15,050	-42.9%	444,070	620,800	-28.5%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Metals Futures</b>																			
COMEX GOLD	GC	0	0	0.0%	8,363,966	5,317,356	0.57	218,899	178,290	22.8%	0	0	0.0%	62,171,859	61,128,014	1.7%	1,999,115	2,220,084	-10.0%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	1,736	2,079	-0.16	7,464	4,589	62.6%	0	0	0.0%	29,437	27,899	5.5%	110,214	62,814	75.5%
NYMEX PLATINUM	PL	0	0	0.0%	715,666	558,935	0.28	23,502	21,708	8.3%	0	0	0.0%	4,311,232	4,094,262	5.3%	154,882	114,803	34.9%
PALLADIUM	PA	0	0	0.0%	76,820	85,540	-0.1	3,332	3,828	-13.0%	0	0	0.0%	930,784	1,048,787	-11.3%	30,869	45,924	-32.8%
URANIUM	UX	0	0	0.0%	17	288	-0.94	1,200	1,010	18.8%	0	0	0.0%	412	593	-30.5%	10,189	2,859	256.4%
COMEX SILVER	SI	0	0	0.0%	2,540,246	1,611,917	0.58	39,627	36,409	8.8%	0	0	0.0%	18,042,889	18,071,189	-0.2%	418,729	522,583	-19.9%
COMEX E-Mini GOLD	QO	0	0	0.0%	32,339	11,095	1.91	0	0	0.0%	0	0	0.0%	176,636	71,053	148.6%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	7,461	795	8.38	0	0	0.0%	0	0	0.0%	41,384	10,571	291.5%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,481,212	2,332,430	-0.36	10,182	17,257	-41.0%	0	0	0.0%	18,407,104	25,884,869	-28.9%	145,426	246,522	-41.0%
COMEX MINY COPPER	QC	0	0	0.0%	743	260	1.86	0	0	0.0%	0	0	0.0%	6,088	4,181	45.6%	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%	22	0	0.0%
ALUMINUM	AEP	0	0	0.0%	0	0	0	1,738	360	382.8%	0	0	0.0%	55	0	0.0%	15,488	12,305	25.9%
ALUMINUM	ALA	0	0	0.0%	0	0	0	305	150	103.3%	0	0	0.0%	0	0	0.0%	560	5,475	-89.8%
ALUMINUM	ALI	0	0	0.0%	3,264	0	0	0	0	0.0%	0	0	0.0%	6,732	0	0.0%	0	0	0.0%
ALUMINUM	AUP	0	0	0.0%	378	968	-0.61	4,215	3,015	39.8%	0	0	0.0%	4,913	6,873	-28.5%	47,526	71,886	-33.9%
ALUMINUM	CUP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	0	180	-100.0%
ALUMINUM	EDP	0	0	0.0%	0	0	0	98	1,098	-91.1%	0	0	0.0%	72	17	323.5%	16,596	11,704	41.8%
ALUMINUM	MJP	0	0	0.0%	0	0	0	1,440	780	84.6%	0	0	0.0%	0	76	-100.0%	9,580	10,139	-5.5%
COPPER	HGS	0	0	0.0%	0	0	0	1,007	1,096	-8.1%	0	0	0.0%	0	0	0.0%	7,059	12,235	-42.3%
E-MICRO GOLD	MGC	0	0	0.0%	722,659	166,039	3.35	0	0	0.0%	0	0	0.0%	3,689,881	1,236,878	198.3%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	118	86	0.37	1,285	1,415	-9.2%	0	0	0.0%	4,373	362	1,108.0%	5,833	14,318	-59.3%
GOLD	GPS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Gold Kilo	GCK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	136	-100.0%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	0	6	-1	2,944	432	581.5%	0	0	0.0%	28	141	-80.1%	48,656	32,820	48.3%
LNDN ZINC	ZNC	0	0	0.0%	0	1,677	-1	0	0	0.0%	0	0	0.0%	1,230	5,943	-79.3%	0	0	0.0%
SILVER	SIL	0	0	0.0%	57,038	7,226	6.89	0	0	0.0%	0	0	0.0%	231,906	67,848	241.8%	0	0	0.0%

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
<b>Metals Options</b>																			
COMEX COPPER	HX	0	0	0.0%	42,089	29,910	0.41	16,489	8,951	84.2%	0	0	0.0%	388,128	171,016	127.0%	150,414	68,477	119.7%
COMEX GOLD	OG	0	0	0.0%	1,121,100	545,202	1.06	321,520	204,406	57.3%	0	0	0.0%	9,326,061	6,815,620	36.8%	2,715,521	1,902,390	42.7%
COMEX SILVER	SO	0	0	0.0%	302,574	114,527	1.64	22,879	36,645	-37.6%	0	0	0.0%	1,529,435	1,162,795	31.5%	187,595	254,106	-26.2%
COPPER	H1E	0	0	0.0%	40	6	5.67	0	0	0.0%	0	0	0.0%	368	35	951.4%	0	0	0.0%
COPPER	H2E	0	0	0.0%	42	6	6	0	0	0.0%	0	0	0.0%	628	113	455.8%	0	0	0.0%
COPPER	H3E	0	0	0.0%	497	6	81.83	0	0	0.0%	0	0	0.0%	626	101	519.8%	0	0	0.0%
COPPER	H4E	0	0	0.0%	11	13	-0.15	0	0	0.0%	0	0	0.0%	126	169	-25.4%	0	0	0.0%
COPPER	H5E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	97	12	708.3%	0	0	0.0%
GOLD	OG1	0	0	0.0%	56,670	10,868	4.21	2,600	0	0.0%	0	0	0.0%	341,229	93,624	264.5%	23,530	1,460	1,511.6%
GOLD	OG2	0	0	0.0%	46,530	8,112	4.74	850	0	0.0%	0	0	0.0%	296,906	77,423	283.5%	21,752	3,170	586.2%
GOLD	OG3	0	0	0.0%	47,246	6,166	6.66	5,250	0	0.0%	0	0	0.0%	247,137	91,753	169.4%	14,879	3,750	296.8%
GOLD	OG4	0	0	0.0%	28,772	13,038	1.21	1,725	500	245.0%	0	0	0.0%	174,766	62,903	177.8%	8,075	1,750	361.4%
GOLD	OG5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	60,052	26,028	130.7%	2,325	0	0.0%
HOT ROLLED COIL STEEL CALL	HRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	900	0	0.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	40	0	0.0%	0	0	0.0%	0	0	0.0%	6,800	200	3,300.0%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,600	1,280	181.3%
NYMEX PLATINUM	PO	0	0	0.0%	1,154	1,498	-0.23	2,310	3,350	-31.0%	0	0	0.0%	13,176	17,347	-24.0%	18,591	19,851	-6.3%
PALLADIUM	PAO	0	0	0.0%	423	1,151	-0.63	400	935	-57.2%	0	0	0.0%	5,243	13,820	-62.1%	5,519	12,817	-56.9%
SILVER	SO1	0	0	0.0%	4,796	738	5.5	100	0	0.0%	0	0	0.0%	15,887	3,774	321.0%	825	0	0.0%
SILVER	SO2	0	0	0.0%	4,896	738	5.63	125	0	0.0%	0	0	0.0%	13,276	3,168	319.1%	1,175	0	0.0%
SILVER	SO3	0	0	0.0%	2,623	850	2.09	200	0	0.0%	0	0	0.0%	12,620	5,358	135.5%	415	0	0.0%
SILVER	SO4	0	0	0.0%	1,294	1,165	0.11	0	0	0.0%	0	0	0.0%	5,565	2,792	99.3%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	4,033	2,092	92.8%	0	0	0.0%
<b>TOTAL FUTURES GROUP</b>																			
Ag Products Futures		0	0	0.0%	6	9	-33.3%	0	0	0.0%	0	0	0.0%	54	76	-28.9%	0	0	0.0%
Energy Futures		0	0	0.0%	46,733,640	39,282,872	19.0%	2,712,094	2,475,720	9.5%	0	0	0.0%	387,419,805	394,409,700	-1.8%	22,964,263	24,381,252	-5.8%
Metals Futures		0	0	0.0%	14,003,663	10,096,697	38.7%	317,238	271,437	16.9%	0	0	0.0%	108,057,015	111,659,717	-3.2%	3,020,744	3,386,651	-10.8%
<b>TOTAL FUTURES</b>		<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>60,737,309</b>	<b>49,379,578</b>	<b>23.0%</b>	<b>3,029,332</b>	<b>2,747,157</b>	<b>10.3%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>495,476,874</b>	<b>506,069,493</b>	<b>-2.1%</b>	<b>25,985,007</b>	<b>27,767,903</b>	<b>-6.4%</b>

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

Commodity Indicator	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	CME ClearPort SEP 2019	CME ClearPort SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
<b>TOTAL OPTIONS GROUP</b>																		
Energy Options	0	0	0.0%	4,152,684	4,287,065	-3.1%	1,944,817	1,705,692	14.0%	0	0	0.0%	31,113,365	38,236,641	-18.6%	15,216,879	17,766,808	-14.4%
Metals Options	0	0	0.0%	1,660,757	733,994	126.3%	374,488	254,787	47.0%	0	0	0.0%	12,435,359	8,549,943	45.4%	3,161,916	2,269,251	39.3%
<b>TOTAL OPTIONS</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>5,813,441</b>	<b>5,021,059</b>	<b>15.8%</b>	<b>2,319,305</b>	<b>1,960,479</b>	<b>18.3%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>43,548,724</b>	<b>46,786,584</b>	<b>-6.9%</b>	<b>18,378,795</b>	<b>20,036,059</b>	<b>-8.3%</b>
<b>TOTAL COMBINED</b>																		
Ag Products	0	0	0.0%	6	9	-33.3%	0	0	0.0%	0	0	0.0%	54	76	-28.9%	0	0	0.0%
Energy	0	0	0.0%	50,886,324	43,569,937	16.8%	4,656,911	4,181,412	11.4%	0	0	0.0%	418,533,170	432,646,341	-3.3%	38,181,142	42,148,060	-9.4%
Metals	0	0	0.0%	15,664,420	10,830,691	44.6%	691,726	526,224	31.5%	0	0	0.0%	120,492,374	120,209,660	0.2%	6,182,660	5,655,902	9.3%
<b>GRAND TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>66,550,750</b>	<b>54,400,637</b>	<b>22.3%</b>	<b>5,348,637</b>	<b>4,707,636</b>	<b>13.6%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>539,025,598</b>	<b>552,856,077</b>	<b>-2.5%</b>	<b>44,363,802</b>	<b>47,803,962</b>	<b>-7.2%</b>