

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Ag Products Futures																			
COCOA TAS	CJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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%	3	2	0	0	0.0%	0	0	0.0%	3	2	50.0%	0	0	0.0%	
SUGAR 11	YO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
Energy Futures																			
CRUDE OIL PHY	CL	0	0	0.0%	25,460,180	27,965,863	505,146	537,981	-6.1%	0	0	0.0%	25,460,180	27,965,863	-9.0%	505,146	537,981	-6.1%	
CRUDE OIL	WS	0	0	0.0%	0	89	3,470	500	594.0%	0	0	0.0%	0	89	-100.0%	3,470	500	594.0%	
MINY WTI CRUDE OIL	QM	0	0	0.0%	508,044	209,210	0	0	0.0%	0	0	0.0%	508,044	209,210	142.8%	0	0	0.0%	
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,597,998	1,355,019	58,289	35,212	65.5%	0	0	0.0%	1,597,998	1,355,019	17.9%	58,289	35,212	65.5%	
HEATING OIL PHY	HO	0	0	0.0%	3,188,032	4,270,255	240,308	272,318	-11.8%	0	0	0.0%	3,188,032	4,270,255	-25.3%	240,308	272,318	-11.8%	
HTG OIL	BH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
MINY HTG OIL	QH	0	0	0.0%	3	4	0	0	0.0%	0	0	0.0%	3	4	-25.0%	0	0	0.0%	
RBOB PHY	RB	0	0	0.0%	3,733,298	4,056,684	194,571	233,853	-16.8%	0	0	0.0%	3,733,298	4,056,684	-8.0%	194,571	233,853	-16.8%	
MINY RBOB GAS	QU	0	0	0.0%	6	3	0	0	0.0%	0	0	0.0%	6	3	100.0%	0	0	0.0%	
NATURAL GAS	HP	0	0	0.0%	36,454	108,439	93,283	140,470	-33.6%	0	0	0.0%	36,454	108,439	-66.4%	93,283	140,470	-33.6%	
LTD NAT GAS	HH	0	0	0.0%	170,932	415,983	201,581	145,059	39.0%	0	0	0.0%	170,932	415,983	-58.9%	201,581	145,059	39.0%	
MINY NATURAL GAS	QG	0	0	0.0%	42,749	64,447	0	0	0.0%	0	0	0.0%	42,749	64,447	-33.7%	0	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	0.0%	
NATURAL GAS PHY	NG	0	0	0.0%	8,912,136	13,724,620	257,624	464,022	-44.5%	0	0	0.0%	8,912,136	13,724,620	-35.1%	257,624	464,022	-44.5%	
RBOB GAS	RT	0	0	0.0%	0	0	0	4,420	-100.0%	0	0	0.0%	0	0	0.0%	0	4,420	-100.0%	
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	115	-100.0%	0	0	0.0%	0	0	0.0%	0	115	-100.0%	
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%	0	0	0.0%	
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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	30	15,480	42,045	-63.2%	0	0	0.0%	0	30	-100.0%	15,480	42,045	-63.2%	

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Energy Futures																			
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	7,532	7,116	5.8%	0	0	0.0%	0	0	0.0%	7,532	7,116	5.8%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	3,516	2,451	43.5%	0	0	0.0%	0	0	0.0%	3,516	2,451	43.5%
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	4,546	1,117	307.0%	0	0	0.0%	0	0	0.0%	4,546	1,117	307.0%
BRENT CFD SWAP	6W	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	3,500	0	0.0%	0	0	0.0%	0	0	0.0%	3,500	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	-	-	0	-	0	0	-	-	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%	0	0	0.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	-	0	0.0%	-	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	0	0.0%
CEU ENERGY	DEB	0	-	-	843	-	0	-	-	-	0	-	843	-	-	0	-	-	-
CEU ENERGY	TTF	0	0	0.0%	3,669	480	6.64	0	0	0.0%	0	0	3,669	480	664.4%	0	0	0.0%	
CEU ENERGY	UKG	0	0	0.0%	1,175	54	20.76	0	0	0.0%	0	0	1,175	54	2,075.9%	0	0	0.0%	
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	421	206	1.04	100,912	122,972	-17.9%	0	0	0.0%	421	206	104.4%	100,912	122,972	-17.9%
CHICAGO ULSD (PLATTS) SWA	4C	-	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	960	320	200.0%	0	0	0.0%	0	0	0.0%	960	320	200.0%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	110	150	-26.7%	0	0	0.0%	0	0	0.0%	110	150	-26.7%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CIG ROCKIES NG INDEX SWA	Z8	-	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	1,066	1,312	-18.8%	0	0	0.0%	0	0	0.0%	1,066	1,312	-18.8%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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%	0	0	0.0%
COAL SWAP	ACM	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
COAL SWAP	SSI	-	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%	0	0	0.0%

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Energy Futures																			
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	159	26	511.5%	0	0	0.0%	0	0	0.0%	159	26	511.5%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	50	80	-37.5%	0	0	0.0%	0	0	0.0%	50	80	-37.5%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	19,953	17,382	14.8%	0	0	0.0%	0	0	0.0%	19,953	17,382	14.8%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	4,050	6,910	-41.4%	0	0	0.0%	0	0	0.0%	4,050	6,910	-41.4%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	1,209	176	586.9%	0	0	0.0%	0	0	0.0%	1,209	176	586.9%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	630	0	0.0%	0	0	0.0%	0	0	0.0%	630	0	0.0%
CRUDE OIL OUTRIGHTS	CPD	0	0	0.0%	0	0	0	0	1,832	-100.0%	0	0	0.0%	0	0	0.0%	0	1,832	-100.0%
CRUDE OIL OUTRIGHTS	CSN	-	0	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	600	5	11,900.0%	0	0	0.0%	0	0	0.0%	600	5	11,900.0%
CRUDE OIL OUTRIGHTS	DBL	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	FE	-	0	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	105	-100.0%	0	0	0.0%	0	0	0.0%	0	105	-100.0%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	47,253	77,283	-38.9%	0	0	0.0%	0	0	0.0%	47,253	77,283	-38.9%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	1,855	215	762.8%	0	0	0.0%	0	0	0.0%	1,855	215	762.8%
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	0.0%
CRUDE OIL OUTRIGHTS	UMD	0	0	0.0%	0	0	0	0	800	-100.0%	0	0	0.0%	0	0	0.0%	0	800	-100.0%
CRUDE OIL OUTRIGHTS	UNS	0	0	0.0%	0	0	0	0	1,838	-100.0%	0	0	0.0%	0	0	0.0%	0	1,838	-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	0.0%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	14,967	11,490	30.3%	0	0	0.0%	0	0	0.0%	14,967	11,490	30.3%
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	0.0%
CRUDE OIL PHY	HCL	0	-	-	20,875	-	0	686	-	-	0	-	-	20,875	-	-	686	-	-
CRUDE OIL SPRDS	38	0	0	0.0%	0	0	0	0	1,155	-100.0%	0	0	0.0%	0	0	0.0%	0	1,155	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	21,415	98,571	-78.3%	0	0	0.0%	0	0	0.0%	21,415	98,571	-78.3%
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Energy Futures																			
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%	
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	600	810	-25.9%	0	0	0.0%	0	0	0.0%	600	810	-25.9%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	5	-100.0%	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	0.0%
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	0.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	5,340	4,825	10.7%	0	0	0.0%	0	0	0.0%	5,340	4,825	10.7%
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%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	0	75	-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	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	629	266	136.5%	0	0	0.0%	0	0	0.0%	629	266	136.5%
ELEC ERCOT DLY OFF PK	I4	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	0.0%
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	0.0%
ELEC ERCOT OFF PEAK	I2	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0	-	-	
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC FINSETTLED	49	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	0.0%
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	0.0%
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	0.0%
ELECTRICITY ERCOT PEAK	ERE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	0.0%
ELEC WEST POWER OFF-PEAK	MDA	-	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%
ERCOT DAILY 5MW PEAK	ERW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT HOUSTON Z MCPE 5M	I1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Energy Futures																			
ERCOT NORTH ZMCPE 5MW OF	18	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	16	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 PE	15	0	0.0%	0	0	0	0	2,440	-100.0%	0	0	0.0%	0	0	0.0%	0	2,440	-100.0%	
ETHANOL	Z1B	0	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	
ETHANOL SWAP	MT2	0	-	0	-	-	10	-	-	0	-	-	0	-	-	10	-	-	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0.0%	0	0	0	5,020	3,253	54.3%	0	0	0.0%	0	0	0.0%	5,020	3,253	54.3%	
EURO 1% FUEL OIL NEW BALM	KX	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0.0%	0	0	0	40	636	-93.7%	0	0	0.0%	0	0	0.0%	40	636	-93.7%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
EURO-DENOMINATED PETRO P	NCP	0	0.0%	0	0	0	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	196	-100.0%	0	0	0.0%	0	0	0.0%	0	196	-100.0%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0.0%	0	0	0	90	144	-37.5%	0	0	0.0%	0	0	0.0%	90	144	-37.5%	
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	0	0.0%	
EUROPE 3.5% FUEL OIL MED	UI	0	0.0%	0	0	0	155	115	34.8%	0	0	0.0%	0	0	0.0%	155	115	34.8%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0.0%	0	0	0	1,885	7,926	-76.2%	0	0	0.0%	0	0	0.0%	1,885	7,926	-76.2%	
EUROPEAN GASOIL (ICE)	7F	0	0.0%	128	126	0.02	0	0	0.0%	0	0	0.0%	128	126	1.6%	0	0	0.0%	
EUROPEAN NAPHTHA BALMO	KZ	0	0.0%	0	0	0	281	363	-22.6%	0	0	0.0%	0	0	0.0%	281	363	-22.6%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0.0%	0	0	0	4,964	15,069	-67.1%	0	0	0.0%	0	0	0.0%	4,964	15,069	-67.1%	
EUROPE DATED BRENT SWAP	UB	0	0.0%	0	0	0	506	0	0.0%	0	0	0.0%	0	0	0.0%	506	0	0.0%	
EUROPE JET KERO NWE CALS	UJ	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%	
EUROPE NAPHTHA CALSWAP	UN	0	0.0%	0	0	0	1,790	5,514	-67.5%	0	0	0.0%	0	0	0.0%	1,790	5,514	-67.5%	
EURO PROPANE CIF ARA SWA	PS	0	0.0%	0	0	0	2,193	2,623	-16.4%	0	0	0.0%	0	0	0.0%	2,193	2,623	-16.4%	
FLORIDA GAS ZONE3 BASIS S	FP	-	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	311	163	90.8%	0	0	0.0%	0	0	0.0%	311	163	90.8%	
FREIGHT MARKETS	FRC	0	0.0%	0	0	0	15	95	-84.2%	0	0	0.0%	0	0	0.0%	15	95	-84.2%	
FREIGHT MARKETS	FRS	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
FREIGHT MARKETS	T2D	0	0.0%	0	0	0	1,680	468	259.0%	0	0	0.0%	0	0	0.0%	1,680	468	259.0%	
FREIGHT MARKETS	TC6	0	0.0%	0	0	0	0	240	-100.0%	0	0	0.0%	0	0	0.0%	0	240	-100.0%	
FREIGHT MARKETS	TD3	0	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	
FREIGHT MARKETS	TD8	0	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	
FUEL OIL CRACK VS ICE	FO	0	0.0%	0	0	0	1,120	3,922	-71.4%	0	0	0.0%	0	0	0.0%	1,120	3,922	-71.4%	
FUEL OIL NWE CRACK VS ICE	FI	0	0.0%	0	0	0	15	156	-90.4%	0	0	0.0%	0	0	0.0%	15	156	-90.4%	
FUEL OIL (PLATS) CAR CM	1W	0	0.0%	0	0	0	0	99	-100.0%	0	0	0.0%	0	0	0.0%	0	99	-100.0%	
FUEL OIL (PLATS) CAR CN	1X	0	0.0%	0	0	0	0	45	-100.0%	0	0	0.0%	0	0	0.0%	0	45	-100.0%	

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Energy Futures																			
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	165	398	-58.5%	0	0	0.0%	0	0	0.0%	165	398	-58.5%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	8,570	10,311	-16.9%	0	0	0.0%	0	0	0.0%	8,570	10,311	-16.9%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	10,653	31,038	-65.7%	0	0	0.0%	0	0	0.0%	10,653	31,038	-65.7%
GASOIL 0.1 CIF MED SWAP	Z4	-	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	0.0%	0	0	0.0%
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%
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%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	12	25	-52.0%	0	0	0.0%	0	0	0.0%	12	25	-52.0%
GASOIL 10P CRG CIF NW VS	3V	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	9	0	0.0%	0	0	0.0%	0	0	0.0%	9	0	0.0%
GASOIL BULLET SWAP	BG	-	0	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	0	6	0	0.0%	0	0	0.0%	0	0	0.0%	6	0	0.0%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	0	13,825	-100.0%	0	0	0.0%	0	0	0.0%	0	13,825	-100.0%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	341	402	-15.2%	0	0	0.0%	0	0	0.0%	341	402	-15.2%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GROUP THREE UNLEAD GAS (F	A9	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	3,757	4,680	-19.7%	0	0	0.0%	0	0	0.0%	3,757	4,680	-19.7%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	3,484	2,227	56.4%	0	0	0.0%	0	0	0.0%	3,484	2,227	56.4%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	1,489	3,287	-54.7%	0	0	0.0%	0	0	0.0%	1,489	3,287	-54.7%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	216	63	242.9%	0	0	0.0%	0	0	0.0%	216	63	242.9%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	17,577	45,595	-61.4%	0	0	0.0%	0	0	0.0%	17,577	45,595	-61.4%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	34,671	72,342	-52.1%	0	0	0.0%	0	0	0.0%	34,671	72,342	-52.1%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	390	1,841	-78.8%	0	0	0.0%	0	0	0.0%	390	1,841	-78.8%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	593	380	56.1%	0	0	0.0%	0	0	0.0%	593	380	56.1%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	750	-100.0%	0	0	0.0%	0	0	0.0%	0	750	-100.0%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	0	19	-100.0%	0	0	0.0%	0	0	0.0%	0	19	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	0	0	4,592	-100.0%	0	0	0.0%	0	0	0.0%	0	4,592	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	1,201	-1	0	0	0.0%	0	0	0.0%	1,201	-100.0%	0	0	0.0%	
HENRY HUB FINANCIAL LAST	TTE	0	0	0.0%	0	120	-1	0	0	0.0%	0	0	0.0%	120	-100.0%	0	0	0.0%	
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	0	4,592	-100.0%	0	0	0.0%	0	0	0.0%	0	4,592	-100.0%
HENRY HUB SWAP	NN	0	0	0.0%	122	3,265	-0.96	189,020	240,049	-21.3%	0	0	0.0%	122	3,265	-96.3%	189,020	240,049	-21.3%
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	0	0.0%

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Energy Futures																			
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	9,170	14,410	-36.4%	0	0	0.0%	0	0	0.0%	9,170	14,410	-36.4%
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	-	-	245	-	-	0	-	-	0	-	-	245	-	-
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	320	-100.0%	0	0	0.0%	0	0	0.0%	0	320	-100.0%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,402	2,594	-46.0%	0	0	0.0%	0	0	0.0%	1,402	2,594	-46.0%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	154	0	0.0%	0	0	0.0%	0	0	0.0%	154	0	0.0%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	0	5	-100.0%	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	60	235	-74.5%	0	0	0.0%	0	0	0.0%	60	235	-74.5%
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%
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%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	4,619	8,650	-46.6%	0	0	0.0%	0	0	0.0%	4,619	8,650	-46.6%
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	85	200	-57.5%	0	0	0.0%	0	0	0.0%	85	200	-57.5%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	800	1,150	-30.4%	0	0	0.0%	0	0	0.0%	800	1,150	-30.4%
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	1,600	2,275	-29.7%	0	0	0.0%	0	0	0.0%	1,600	2,275	-29.7%
LLS (ARGUS) CALENDAR SWAP	XA	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	4,178	4,235	-1.3%	0	0	0.0%	0	0	0.0%	4,178	4,235	-1.3%
LOS ANGELES CARB GASOLIN	MH	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	2,750	7,710	-64.3%	0	0	0.0%	0	0	0.0%	2,750	7,710	-64.3%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	480	0	0	33,729	55,220	-38.9%	0	0	0.0%	480	0	0.0%	33,729	55,220	-38.9%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	0	660	-100.0%	0	0	0.0%	0	0	0.0%	0	660	-100.0%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	0	24	-1	25,532	21,569	18.4%	0	0	0.0%	0	24	-100.0%	25,532	21,569	18.4%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	2,384	3,443	-30.8%	0	0	0.0%	0	0	0.0%	2,384	3,443	-30.8%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Energy Futures																			
MGF FUT	MGF	0	0	0.0%	0	0	0	80	-100.0%	0	0	0.0%	0	0	0.0%	0	80	-100.0%	
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	110	100	10.0%	0	0	0.0%	0	0	0.0%	110	100	10.0%	
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%	
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%	
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%	
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	457	366	24.9%	0	0	0.0%	0	0	0.0%	457	366	24.9%	
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	876	120	630.0%	0	0	0.0%	0	0	0.0%	876	120	630.0%	
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	1,676	1,900	-11.8%	0	0	0.0%	0	0	0.0%	1,676	1,900	-11.8%	
MJC FUT	MJC	0	0	0.0%	0	0	40	330	-87.9%	0	0	0.0%	0	0	0.0%	40	330	-87.9%	
MNC FUT	MNC	0	0	0.0%	0	0	3,617	3,589	0.8%	0	0	0.0%	0	0	0.0%	3,617	3,589	0.8%	
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	19,267	26,071	-26.1%	0	0	0.0%	0	0	0.0%	19,267	26,071	-26.1%	
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	470	250	88.0%	0	0	0.0%	0	0	0.0%	470	250	88.0%	
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	17	19	-0.11	134,777	157,438	-14.4%	0	0	0.0%	17	19	-10.5%	134,777	157,438	-14.4%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	6,194	6,605	-6.2%	0	0	0.0%	0	0	0.0%	6,194	6,605	-6.2%	
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	7,361	12,763	-42.3%	0	0	0.0%	0	0	0.0%	7,361	12,763	-42.3%	
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	1,216	595	104.4%	0	0	0.0%	0	0	0.0%	1,216	595	104.4%	
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	39,984	27,616	44.8%	0	0	0.0%	0	0	0.0%	39,984	27,616	44.8%	
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	1,798	1,601	12.3%	0	0	0.0%	0	0	0.0%	1,798	1,601	12.3%	
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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%	
NATURAL GAS FIXED PRICE S	DSF	-	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%	
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	29,073	67,626	-57.0%	0	0	0.0%	0	0	0.0%	29,073	67,626	-57.0%	
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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	61,920	-100.0%	0	0	0.0%	0	0	0.0%	0	61,920	-100.0%	
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	3,195	-100.0%	0	0	0.0%	0	0	0.0%	0	3,195	-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%	
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 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%	

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Energy Futures																			
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	840	1,110	-24.3%	0	0	0.0%	0	0	0.0%	840	1,110	-24.3%
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	840	400	110.0%	0	0	0.0%	0	0	0.0%	840	400	110.0%
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	0	6,960	-100.0%	0	0	0.0%	0	0	0.0%	0	6,960	-100.0%
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	0.0%
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	100	50	100.0%	0	0	0.0%	0	0	0.0%	100	50	100.0%
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	0.0%
NORTHERN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	100	-100.0%	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	1,336	0	0.0%	0	0	0.0%	0	0	0.0%	1,336	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	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	560	2,315	-75.8%	0	0	0.0%	0	0	0.0%	560	2,315	-75.8%
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	175	175	0.0%	0	0	0.0%	0	0	0.0%	175	175	0.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	8	-1	2,565	661	288.0%	0	0	0.0%	0	8	-100.0%	2,565	661	288.0%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	315	0	0.0%	0	0	0.0%	0	0	0.0%	315	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	745	1,474	-49.5%	0	0	0.0%	0	0	0.0%	745	1,474	-49.5%
NY HARBOR RESIDUAL FUEL C	ML	0	-	-	0	-	-	0	-	-	0	-	-	-	-	-	0	-	-
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	390	870	-55.2%	0	0	0.0%	0	0	0.0%	390	870	-55.2%
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	180	120	50.0%	0	0	0.0%	0	0	0.0%	180	120	50.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	60	0	0.0%	0	0	0.0%	0	0	0.0%	60	0	0.0%
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%
NYISO J	KJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	0	0	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	0.0%
NYISO ZONE C 5MW D AH O P	A3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Energy Futures																			
NYISO ZONE C 5MW D AH PK	Q5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	0	420	-100.0%	0	0	0.0%	0	0	0.0%	0	420	-100.0%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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	0.0%
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	0.0%
NYMEX ULSD VS NYMEX HO	UY	-	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	342	0	0.0%	0	0	0.0%	0	0	0.0%	342	0	0.0%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	10	-100.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
ONTARIO POWER SWAPS	OPM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	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%	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%	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	0.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	274	71	285.9%	0	0	0.0%	0	0	0.0%	274	71	285.9%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	58	172	-66.3%	0	0	0.0%	0	0	0.0%	58	172	-66.3%
PETROCHEMICALS	3NA	0	-	-	0	-	-	17	-	-	0	-	-	0	-	-	17	-	-
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	960	217	342.4%	0	0	0.0%	0	0	0.0%	960	217	342.4%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	827	651	27.0%	0	0	0.0%	0	0	0.0%	827	651	27.0%
PETROCHEMICALS	HPE	-	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	525	265	98.1%	0	0	0.0%	0	0	0.0%	525	265	98.1%
PETROCHEMICALS	MAA	0	-	-	0	-	-	30	-	-	0	-	-	0	-	-	30	-	-
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	270	70	285.7%	0	0	0.0%	0	0	0.0%	270	70	285.7%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	290	100	190.0%	0	0	0.0%	0	0	0.0%	290	100	190.0%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	290	1,400	-79.3%	0	0	0.0%	0	0	0.0%	290	1,400	-79.3%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	1,123	1,730	-35.1%	0	0	0.0%	0	0	0.0%	1,123	1,730	-35.1%
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	315	70	350.0%	0	0	0.0%	0	0	0.0%	315	70	350.0%
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%
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	0	0.0%

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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
Energy Futures																		
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	354	-100.0%	0	0	0.0%	0	0	0.0%	0	354	-100.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	8,400	615	1,265.9%	0	0	0.0%	0	0	0.0%	8,400	615	1,265.9%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	2,412	3,076	-21.6%	0	0	0.0%	0	0	0.0%	2,412	3,076	-21.6%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	650	200	225.0%	0	0	0.0%	0	0	0.0%	650	200	225.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	1,700	1,225	38.8%	0	0	0.0%	0	0	0.0%	1,700	1,225	38.8%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	0	400	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	1,770	3,263	-45.8%	0	0	0.0%	0	0	0.0%	1,770	3,263	-45.8%
PETRO CRCKS & SPRDS NA	GCM	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	GCU	0	0	0.0%	0	0	4,582	15,246	-69.9%	0	0	0.0%	0	0	0.0%	4,582	15,246	-69.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	780	985	-20.8%	0	0	0.0%	0	0	0.0%	780	985	-20.8%
PETRO CRCKS & SPRDS NA	KSD	-	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	-	-
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	0.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	NYH	-	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	10,657	6,063	75.8%	0	0	0.0%	0	0	0.0%	10,657	6,063	75.8%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	12,315	19,817	-37.9%	0	0	0.0%	0	0	0.0%	12,315	19,817	-37.9%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	2,535	1,445	75.4%	0	0	0.0%	0	0	0.0%	2,535	1,445	75.4%
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	0.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	468	-100.0%	0	0	0.0%	0	0	0.0%	0	468	-100.0%
PETRO CRK&SPRD EURO	BFR	-	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	681	2,316	-70.6%	0	0	0.0%	0	0	0.0%	681	2,316	-70.6%
PETRO CRK&SPRD EURO	EGB	-	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%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	88	-100.0%	0	0	0.0%	0	0	0.0%	0	88	-100.0%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	674	1,193	-43.5%	0	0	0.0%	0	0	0.0%	674	1,193	-43.5%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	675	2,609	-74.1%	0	0	0.0%	0	0	0.0%	675	2,609	-74.1%
PETRO CRK&SPRD EURO	FVB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	282	175	61.1%	0	0	0.0%	0	0	0.0%	282	175	61.1%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	45	-100.0%	0	0	0.0%	0	0	0.0%	0	45	-100.0%
PETRO CRK&SPRD EURO	MGB	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	MUD	0	0	0.0%	0	0	10	20	-50.0%	0	0	0.0%	0	0	0.0%	10	20	-50.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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
	Energy Futures																	
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	655	2,212	-70.4%	0	0	0.0%	0	0	0.0%	655	2,212	-70.4%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	30	0	0.0%
PETROLEUM PRODUCTS	EWB	-	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	3,635	8,107	-55.2%	0	0	0.0%	0	0	0.0%	3,635	8,107	-55.2%
PETROLEUM PRODUCTS	MBS	-	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%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	VU	0	0	0.0%	0	0	135	0	0.0%	0	0	0.0%	0	0	0.0%	135	0	0.0%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	30	40	-25.0%	0	0	0.0%	0	0	0.0%	30	40	-25.0%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	1,727	3,529	-51.1%	0	0	0.0%	0	0	0.0%	1,727	3,529	-51.1%
PETROLEUM PRODUCTS ASIA	MSB	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	5	0	0.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	1,346	1,041	29.3%	0	0	0.0%	0	0	0.0%	1,346	1,041	29.3%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	18	0	0.0%	0	0	0.0%	0	0	0.0%	18	0	0.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	265	525	-49.5%	0	0	0.0%	0	0	0.0%	265	525	-49.5%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
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	52	10	420.0%	0	0	0.0%	0	0	0.0%	52	10	420.0%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	6L	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	177	64	176.6%	0	0	0.0%	0	0	0.0%	177	64	176.6%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	181	374	-51.6%	0	0	0.0%	0	0	0.0%	181	374	-51.6%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	685	640	7.0%	0	0	0.0%	0	0	0.0%	685	640	7.0%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	65	0	0.0%	0	0	0.0%	0	0	0.0%	65	0	0.0%
PETRO OUTRIGHT EURO	EFM	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	ESB	-	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	705	1,174	-39.9%	0	0	0.0%	0	0	0.0%	705	1,174	-39.9%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Energy Futures																			
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	-	6	-	-	0	-	-	0	-	-	6	-	-	
PETRO OUTRIGHT EURO	GES	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%	
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	366	1,275	-71.3%	0	0	0.0%	0	0	0.0%	366	1,275	-71.3%	
PETRO OUTRIGHT EURO	MEF	0	-	-	0	-	333	-	-	0	-	-	0	-	-	333	-	-	
PETRO OUTRIGHT EURO	S5M	0	-	-	0	-	20	-	-	0	-	-	0	-	-	20	-	-	
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	78	-100.0%	0	0	0.0%	0	0	0.0%	0	78	-100.0%	
PETRO OUTRIGHT EURO	T0	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	T2B	0	-	-	0	-	15	-	-	0	-	-	0	-	-	15	-	-	
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	480	-100.0%	0	0	0.0%	0	0	0.0%	0	480	-100.0%	
PETRO OUTRIGHT EURO	X0	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	128	-100.0%	0	0	0.0%	0	0	0.0%	0	128	-100.0%	
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	1,925	1,890	1.9%	0	0	0.0%	0	0	0.0%	1,925	1,890	1.9%	
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	725	500	45.0%	0	0	0.0%	0	0	0.0%	725	500	45.0%	
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	279	101	176.2%	0	0	0.0%	0	0	0.0%	279	101	176.2%	
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	2,751	4,098	-32.9%	0	0	0.0%	0	0	0.0%	2,751	4,098	-32.9%	
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	71	8	787.5%	0	0	0.0%	0	0	0.0%	71	8	787.5%	
PETRO OUTRIGHT NA	NYT	-	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	-	-	
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	23,400	0	0.0%	0	0	0.0%	0	0	0.0%	23,400	0	0.0%	
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	1,275	5,100	-75.0%	0	0	0.0%	0	0	0.0%	1,275	5,100	-75.0%	
PJM AECO DA OFF-PEAK	X1	-	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%	
PJM APS ZONE DA OFF-PEAK	W4	-	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%	
PJM ATSI ELEC	MOD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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
Energy Futures																		
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	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%
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	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%
PJM JCPL DA OFF-PEAK	F2	-	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%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	5,100	-100.0%	0	0	0.0%	0	0	0.0%	0	5,100	-100.0%
PJM NI HUB 5MW REAL TIME	B6	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 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%
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	0.0%
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%
PJM PECO ZONE5MW PEAK CA	4N	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%
PJM PPL DA PEAK	L5	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	46,800	-100.0%	0	0	0.0%	0	0	0.0%	0	46,800	-100.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	2,550	-100.0%	0	0	0.0%	0	0	0.0%	0	2,550	-100.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	23,400	46,800	-50.0%	0	0	0.0%	0	0	0.0%	23,400	46,800	-50.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	2,603	12,650	-79.4%	0	0	0.0%	0	0	0.0%	2,603	12,650	-79.4%
PLASTICS	PGP	0	0	0.0%	0	0	1,477	332	344.9%	0	0	0.0%	0	0	0.0%	1,477	332	344.9%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	358	263	36.1%	0	0	0.0%	0	0	0.0%	358	263	36.1%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	85	-100.0%	0	0	0.0%	0	0	0.0%	0	85	-100.0%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	15	0	0.0%	0	0	0.0%	0	0	0.0%	15	0	0.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	2,768	260	964.6%	0	0	0.0%	0	0	0.0%	2,768	260	964.6%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	16,791	5,536	203.3%	0	0	0.0%	0	0	0.0%	16,791	5,536	203.3%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	4,857	4,148	17.1%	0	0	0.0%	0	0	0.0%	4,857	4,148	17.1%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	675	1,615	-58.2%	0	0	0.0%	0	0	0.0%	675	1,615	-58.2%
RBOB CRACK SPREAD BALMO	1E	-	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	660	226	192.0%	0	0	0.0%	0	0	0.0%	660	226	192.0%
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Energy Futures																			
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%	
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	0	400	-100.0%	
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SAN JUAN PIPE SWAP	XX	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	10	-83.3%	0	0	0.0%	0	0	0.0%	10	60	-83.3%	
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	20	-63.6%	0	0	0.0%	0	0	0.0%	20	55	-63.6%	
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	4,336	-31.5%	0	0	0.0%	0	0	0.0%	4,336	6,330	-31.5%	
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	266	-63.5%	0	0	0.0%	0	0	0.0%	266	729	-63.5%	
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	112	-59.3%	0	0	0.0%	0	0	0.0%	112	275	-59.3%	
SINGAPORE GASOIL	MAF	0	-	-	0	-	0	1,559	-	0	-	-	0	-	-	1,559	-	-	
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	37	-48.6%	0	0	0.0%	0	0	0.0%	37	72	-48.6%	
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	4,724	5.7%	0	0	0.0%	0	0	0.0%	4,724	4,471	5.7%	
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	3,775	-100.0%	
SINGAPORE GASOIL CALEND A	GDH	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%	
SINGAPORE GASOIL CALEND A	GDL	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%	
SINGAPORE GASOIL CALEND A	GHS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SINGAPORE GASOIL CALEND A	MGO	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	110	-100.0%	
SINGAPORE GASOIL CALEND A	MSG	0	0	0.0%	0	0	0	260	-92.9%	0	0	0.0%	0	0	0.0%	260	3,639	-92.9%	
SINGAPORE GASOIL CALEND A	SGG	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	225	-100.0%	
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	1,988	-83.9%	0	0	0.0%	0	0	0.0%	1,988	12,359	-83.9%	
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	1,265	-95.9%	0	0	0.0%	0	0	0.0%	1,265	31,000	-95.9%	
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	100	-98.7%	0	0	0.0%	0	0	0.0%	100	7,980	-98.7%	
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	740	-29.5%	0	0	0.0%	0	0	0.0%	740	1,050	-29.5%	
SINGAPORE JET KERO VS. GAS	Z0	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%	
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	100	-84.7%	0	0	0.0%	0	0	0.0%	100	655	-84.7%	
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	14,770	-37.0%	0	0	0.0%	0	0	0.0%	14,770	23,449	-37.0%	
SINGAPORE NAPHTHA SWAP	SP	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
SING FUEL	MSD	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	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	0	0.0%	
SUMAS NAT GAS PLATTS FIXE	DVS	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Energy Futures																			
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	120	120	0.0%	0	0	0.0%	0	0	0.0%	120	120	0.0%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	370	55	572.7%	0	0	0.0%	0	0	0.0%	370	55	572.7%
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	0.0%
TCO NG INDEX SWAP	Q1	-	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	0.0%	0	0	0	4,195	279	1,403.6%	0	0	0.0%	0	0	0.0%	4,195	279	1,403.6%
TENNESSEE 500 LEG BASIS S	NM	-	0	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	0.0%
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%
Tetco STX Basis	TX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	0.0%
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	0.0%
TRANSCO ZONE 3 NG INDEX S	Y6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0.0%
TRANSCO ZONE 4 NAT GAS IN	B2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0.0%
TRANSCO ZONE 6 INDEX	IT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	0	9	-100.0%	0	0	0.0%	0	0	0.0%	0	9	-100.0%
ULSD 10PPM CIF NW BALMO S	B1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	8,540	6,570	30.0%	0	0	0.0%	0	0	0.0%	8,540	6,570	30.0%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	36,475	51,816	-29.6%	0	0	0.0%	0	0	0.0%	36,475	51,816	-29.6%
WAHA BASIS	NW	0	0	0.0%	0	0	0	125	1,398	-91.1%	0	0	0.0%	0	0	0.0%	125	1,398	-91.1%
WAHA INDEX SWAP FUTURE	IY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	600	0	0.0%	0	0	0.0%	0	0	0.0%	600	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	20,325	51,971	-60.9%	0	0	0.0%	0	0	0.0%	20,325	51,971	-60.9%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	29,538	47,620	-38.0%	0	0	0.0%	0	0	0.0%	29,538	47,620	-38.0%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	8,118	10,830	-25.0%	0	0	0.0%	0	0	0.0%	8,118	10,830	-25.0%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	1,360	0	0.0%	0	0	0.0%	0	0	0.0%	1,360	0	0.0%

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Energy Options																			
12 MO GASOIL CAL SWAP SPR	GXZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT 1 MONTH CAL	AA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	1,140	-100.0%	0	0	0.0%	0	0	0.0%	0	1,140	-100.0%	
BRENT CRUDE OIL 12 M CSO	9Y	0	0	0.0%	0	0	0	2,000	-100.0%	0	0	0.0%	0	0	0.0%	0	2,000	-100.0%	
BRENT CRUDE OIL 1 M CSO	9C	0	-	-	0	-	15,000	-	-	0	-	-	0	-	-	15,000	-	-	
BRENT CRUDE OIL 6 M CSO	9L	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	44,549	500	8,809.8%	0	0	0.0%	0	0	0.0%	44,549	500	8,809.8%	
BRENT OIL LAST DAY	BZO	0	0	0.0%	59,856	23,409	1.56	43,908	72,220	-39.2%	0	0	0.0%	59,856	23,409	155.7%	43,908	72,220	-39.2%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	40	-1	0	0	0.0%	0	0	0.0%	0	40	-100.0%	0	0	0.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	610	-100.0%	0	0	0.0%	0	0	0.0%	0	610	-100.0%	
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	175	150	16.7%	0	0	0.0%	0	0	0.0%	175	150	16.7%
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	25	-100.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%	
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	60	-100.0%	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%	
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%	
CRUDE OIL 1MO	WA	0	0	0.0%	3,100	30,825	-0.9	336,700	203,650	65.3%	0	0	0.0%	3,100	30,825	-89.9%	336,700	203,650	65.3%
CRUDE OIL APO	AO	0	0	0.0%	3	46	-0.93	16,214	63,519	-74.5%	0	0	0.0%	3	46	-93.5%	16,214	63,519	-74.5%
CRUDE OIL CALNDR STRIP	6F	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
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%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0	0	825	0	0.0%	0	0	0.0%	0	0	0.0%	825	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	1,400	-100.0%	0	0	0.0%	0	0	0.0%	0	1,400	-100.0%	
CRUDE OIL PHY	LC	0	0	0.0%	0	700	-1	7,106	16,265	-56.3%	0	0	0.0%	0	700	-100.0%	7,106	16,265	-56.3%
CRUDE OIL PHY	LO	0	0	0.0%	2,045,358	3,107,168	-0.34	443,430	694,092	-36.1%	0	0	0.0%	2,045,358	3,107,168	-34.2%	443,430	694,092	-36.1%
CRUDE OIL PHY	LO1	0	0	0.0%	18,763	15,722	0.19	200	50	300.0%	0	0	0.0%	18,763	15,722	19.3%	200	50	300.0%
CRUDE OIL PHY	LO2	0	0	0.0%	16,044	15,061	0.07	100	0	0.0%	0	0	0.0%	16,044	15,061	6.5%	100	0	0.0%
CRUDE OIL PHY	LO3	0	0	0.0%	7,422	15,629	-0.53	0	50	-100.0%	0	0	0.0%	7,422	15,629	-52.5%	0	50	-100.0%
CRUDE OIL PHY	LO4	0	0	0.0%	9,864	14,111	-0.3	0	0	0.0%	0	0	0.0%	9,864	14,111	-30.1%	0	0	0.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELEC MISO PEAK	9T	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	5,505	10,150	-45.8%	0	0	0.0%	0	0	0.0%	5,505	10,150	-45.8%

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Energy Options																			
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	600	180	233.3%	0	0	0.0%	0	0	0.0%	600	180	233.3%
EUROPEAN JET KEROSENE N	30	-	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%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	OH	0	0	0.0%	3,131	6,197	-0.49	27,920	26,929	3.7%	0	0	0.0%	3,131	6,197	-49.5%	27,920	26,929	3.7%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	5	-1	10,335	9,014	14.7%	0	0	0.0%	0	5	-100.0%	10,335	9,014	14.7%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	1,000	0	0.0%	0	0	0.0%	0	0	0.0%	1,000	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	130	0	0.0%	0	0	0.0%	0	0	0.0%	130	0	0.0%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
NATURAL GAS	G10	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	1,500	1	1,499	114,000	145,866	-21.8%	0	0	0.0%	1,500	1	149,900.0%	114,000	145,866	-21.8%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	1	-1	0	1,000	-100.0%	0	0	0.0%	0	1	-100.0%	0	1,000	-100.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	8,475	14,650	-42.2%	0	0	0.0%	0	0	0.0%	8,475	14,650	-42.2%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	900	11,004	-91.8%	0	0	0.0%	0	0	0.0%	900	11,004	-91.8%
NATURAL GAS PHY	KD	0	0	0.0%	100	30,658	-1	2,200	11,300	-80.5%	0	0	0.0%	100	30,658	-99.7%	2,200	11,300	-80.5%
NATURAL GAS PHY	LN	0	0	0.0%	1,385,097	2,589,972	-0.47	904,844	1,625,489	-44.3%	0	0	0.0%	1,385,097	2,589,972	-46.5%	904,844	1,625,489	-44.3%
NATURAL GAS PHY	ON	0	0	0.0%	173,293	382,633	-0.55	9,961	21,168	-52.9%	0	0	0.0%	173,293	382,633	-54.7%	9,961	21,168	-52.9%
NATURAL GAS WINTER STRIP	6I	0	-	-	0	-	-	0	-	-	0	-	0	-	-	-	0	-	-
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	50	17	1.94	2,197	2,126	3.3%	0	0	0.0%	50	17	194.1%	2,197	2,126	3.3%
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	225	1,188	-81.1%	0	0	0.0%	0	0	0.0%	225	1,188	-81.1%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry	Open Outcry	% CHG	ELEC	ELEC	% CHG	CME	CME	% CHG	Open Outcry	Open Outcry	% CHG	ELEC	ELEC	% CHG	CME	CME	% CHG	
	JAN 2019	JAN 2018		JAN 2019	JAN 2018		ClearPort JAN 2019	ClearPort JAN 2018		Y.T.D 2019	Y.T.D 2018		Y.T.D 2019	Y.T.D 2018		ClearPort Y.T.D 2019	ClearPort Y.T.D 2018		
Energy Options																			
PETRO OUTRIGHT EURO	BCO	0	-	-	0	-	24	-	-	0	-	-	0	-	-	24	-	-	
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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	0.0%	
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	440	1,538	-71.4%	0	0	0.0%	0	0	0.0%	440	1,538	-71.4%	
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	150	0	0.0%	
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	180	0	0.0%	0	0	0.0%	0	0	0.0%	180	0	0.0%	
RBOB CRACK	RX	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
RBOB PHY	OB	0	0	0.0%	2,842	6,593	-0.57	5,340	8,600	-37.9%	0	0	0.0%	2,842	6,593	-56.9%	5,340	8,600	-37.9%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM	C15	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
SHORT TERM	U11	0	0	0.0%	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%	
SHORT TERM	U12	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM	U13	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM	U14	0	0	0.0%	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%	
SHORT TERM	U15	0	0	0.0%	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%	
SHORT TERM	U22	0	0	0.0%	0	0	0	1,025	-100.0%	0	0	0.0%	0	0	0.0%	0	1,025	-100.0%	
SHORT TERM	U23	0	0	0.0%	0	80	-1	0	100	-100.0%	0	0	0.0%	80	-100.0%	0	100	-100.0%	
SHORT TERM	U24	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	500	125	300.0%	0	0	0.0%	0	0	0.0%	500	125	300.0%	
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	30	-1	0	100	-100.0%	0	0	0.0%	30	-100.0%	0	100	-100.0%	
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%	
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	25	-1	0	0	0.0%	0	0.0%	0	25	-100.0%	0	0	0.0%	
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%	
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	900	-100.0%	0	0	0.0%	0	0	0.0%	0	900	-100.0%	
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	1	-1	100	50	100.0%	0	0	0.0%	1	-100.0%	100	50	100.0%	
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	100	400	-75.0%	0	0	0.0%	0	0	0.0%	100	400	-75.0%	

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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
Energy Options																		
SHORT TERM NATURAL GAS U17	0	0	0.0%	0	70	-1	0	150	-100.0%	0	0	0.0%	0	70	-100.0%	0	150	-100.0%
SHORT TERM NATURAL GAS U18	0	0	0.0%	0	0	0	0	500	-100.0%	0	0	0.0%	0	0	0.0%	0	500	-100.0%
SHORT TERM NATURAL GAS U19	0	0	0.0%	0	60	-1	0	0	0.0%	0	0	0.0%	0	60	-100.0%	0	0	0.0%
SHORT TERM NATURAL GAS U20	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS U21	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS U28	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS U29	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS U30	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS U31	0	0	0.0%	0	25	-1	850	0	0.0%	0	0	0.0%	0	25	-100.0%	850	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	0.0%
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	0.0%
SOCAL PIPE SWAP ZN	-	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%	8,780	40,609	-0.78	77,375	66,269	16.8%	0	0	0.0%	8,780	40,609	-78.4%	77,375	66,269	16.8%
WTI CRUDE OIL 1 M CSO FI 7A	0	0	0.0%	0	6,700	-1	60,450	69,850	-13.5%	0	0	0.0%	0	6,700	-100.0%	60,450	69,850	-13.5%

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Metals Futures																			
COMEX GOLD	GC	0	0	0.0%	6,010,429	8,885,002	-0.32	235,382	276,872	-15.0%	0	0	0.0%	6,010,429	8,885,002	-32.4%	235,382	276,872	-15.0%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	3,222	3,125	0.03	18,478	7,310	152.8%	0	0	0.0%	3,222	3,125	3.1%	18,478	7,310	152.8%
NYMEX PLATINUM	PL	0	0	0.0%	344,908	432,982	-0.2	17,541	11,092	58.1%	0	0	0.0%	344,908	432,982	-20.3%	17,541	11,092	58.1%
PALLADIUM	PA	0	0	0.0%	102,715	94,027	0.09	4,324	4,773	-9.4%	0	0	0.0%	102,715	94,027	9.2%	4,324	4,773	-9.4%
URANIUM	UX	0	0	0.0%	32	50	-0.36	1,526	600	154.3%	0	0	0.0%	32	50	-36.0%	1,526	600	154.3%
COMEX SILVER	SI	0	0	0.0%	1,482,374	2,133,709	-0.31	43,893	52,906	-17.0%	0	0	0.0%	1,482,374	2,133,709	-30.5%	43,893	52,906	-17.0%
COMEX E-Mini GOLD	QO	0	0	0.0%	6,242	8,131	-0.23	0	0	0.0%	0	0	0.0%	6,242	8,131	-23.2%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	833	1,001	-0.17	0	0	0.0%	0	0	0.0%	833	1,001	-16.8%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,996,773	2,736,258	-0.27	19,129	24,966	-23.4%	0	0	0.0%	1,996,773	2,736,258	-27.0%	19,129	24,966	-23.4%
COMEX MINY COPPER	QC	0	0	0.0%	475	682	-0.3	0	0	0.0%	0	0	0.0%	475	682	-30.4%	0	0	0.0%
ALUMINUM	A38	0	0	0.0%	0	0	0	22	0	0.0%	0	0	0.0%	0	0	0.0%	22	0	0.0%
ALUMINUM	AEP	0	0	0.0%	55	0	0	3,654	240	1,422.5%	0	0	0.0%	55	0	0.0%	3,654	240	1,422.5%
ALUMINUM	ALA	0	0	0.0%	0	0	0	0	795	-100.0%	0	0	0.0%	0	0	0.0%	0	795	-100.0%
ALUMINUM	ALI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ALUMINUM	AUP	0	0	0.0%	1,437	262	4.48	8,101	12,324	-34.3%	0	0	0.0%	1,437	262	448.5%	8,101	12,324	-34.3%
ALUMINUM	CUP	0	0	0.0%	0	25	-1	0	60	-100.0%	0	0	0.0%	0	25	-100.0%	0	60	-100.0%
ALUMINUM	EDP	0	0	0.0%	32	0	0	1,130	600	88.3%	0	0	0.0%	32	0	0.0%	1,130	600	88.3%
ALUMINUM	MJP	0	0	0.0%	0	0	0	45	720	-93.8%	0	0	0.0%	0	0	0.0%	45	720	-93.8%
COPPER	HGS	0	0	0.0%	0	0	0	831	3,853	-78.4%	0	0	0.0%	0	0	0.0%	831	3,853	-78.4%
E-MICRO GOLD	MGC	0	0	0.0%	208,804	142,636	0.46	0	0	0.0%	0	0	0.0%	208,804	142,636	46.4%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	460	12	37.33	525	1,455	-63.9%	0	0	0.0%	460	12	3,733.3%	525	1,455	-63.9%
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	4	-1	0	0	0.0%	0	0	0.0%	0	4	-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%	14	3	3.67	13,257	3,175	317.5%	0	0	0.0%	14	3	366.7%	13,257	3,175	317.5%
LNDN ZINC	ZNC	0	0	0.0%	567	29	18.55	0	0	0.0%	0	0	0.0%	567	29	1,855.2%	0	0	0.0%
SILVER	SIL	0	0	0.0%	15,354	6,212	1.47	0	0	0.0%	0	0	0.0%	15,354	6,212	147.2%	0	0	0.0%

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Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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	
Metals Options																			
COMEX COPPER	HX	0	0	0.0%	35,297	17,797	0.98	15,234	2,290	565.2%	0	0	0.0%	35,297	17,797	98.3%	15,234	2,290	565.2%
COMEX GOLD	OG	0	0	0.0%	741,064	739,473	0	286,536	218,057	31.4%	0	0	0.0%	741,064	739,473	0.2%	286,536	218,057	31.4%
COMEX SILVER	SO	0	0	0.0%	121,877	126,801	-0.04	36,307	31,483	15.3%	0	0	0.0%	121,877	126,801	-3.9%	36,307	31,483	15.3%
COPPER	H1E	0	-	-	6	-	0	-	-	0	-	-	6	-	-	0	-	-	
COPPER	H2E	0	-	-	12	-	0	-	-	0	-	-	12	-	-	0	-	-	
COPPER	H3E	0	-	-	6	-	0	-	-	0	-	-	6	-	-	0	-	-	
COPPER	H4E	0	-	-	6	-	0	-	-	0	-	-	6	-	-	0	-	-	
COPPER	H5E	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
GOLD	OG1	0	0	0.0%	11,605	12,416	-0.07	300	0	0.0%	0	0	0.0%	11,605	12,416	-6.5%	300	0	0.0%
GOLD	OG2	0	0	0.0%	14,984	8,330	0.8	350	2,100	-83.3%	0	0	0.0%	14,984	8,330	79.9%	350	2,100	-83.3%
GOLD	OG3	0	0	0.0%	13,457	9,880	0.36	1,100	1,065	3.3%	0	0	0.0%	13,457	9,880	36.2%	1,100	1,065	3.3%
GOLD	OG4	0	0	0.0%	7,649	5,978	0.28	0	1,250	-100.0%	0	0	0.0%	7,649	5,978	28.0%	0	1,250	-100.0%
GOLD	OG5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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%	0	0	0.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	120	0	0.0%	0	0	0.0%	0	0	0.0%	120	0	0.0%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	0	180	-100.0%	0	0	0.0%	0	0	0.0%	0	180	-100.0%
NYMEX PLATINUM	PO	0	0	0.0%	766	2,919	-0.74	3,501	1,785	96.1%	0	0	0.0%	766	2,919	-73.8%	3,501	1,785	96.1%
PALLADIUM	PAO	0	0	0.0%	760	1,648	-0.54	570	1,565	-63.6%	0	0	0.0%	760	1,648	-53.9%	570	1,565	-63.6%
SILVER	SO1	0	0	0.0%	1,201	23	51.22	200	0	0.0%	0	0	0.0%	1,201	23	5,121.7%	200	0	0.0%
SILVER	SO2	0	0	0.0%	430	6	70.67	0	0	0.0%	0	0	0.0%	430	6	7,066.7%	0	0	0.0%
SILVER	SO3	0	0	0.0%	859	10	84.9	0	0	0.0%	0	0	0.0%	859	10	8,490.0%	0	0	0.0%
SILVER	SO4	0	0	0.0%	140	53	1.64	0	0	0.0%	0	0	0.0%	140	53	164.2%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TOTAL FUTURES GROUP																			
Ag Products Futures		0	0	0.0%	3	2	50.0%	0	0	0.0%	0	0	0.0%	3	2	50.0%	0	0	0.0%
Energy Futures		0	0	0.0%	43,677,562	52,176,149	-16.3%	2,732,056	3,714,799	-26.5%	0	0	0.0%	43,677,562	52,176,149	-16.3%	2,732,056	3,714,799	-26.5%
Metals Futures		0	0	0.0%	10,174,726	14,444,150	-29.6%	367,838	401,741	-8.4%	0	0	0.0%	10,174,726	14,444,150	-29.6%	367,838	401,741	-8.4%
TOTAL FUTURES		0	0	0.0%	53,852,291	66,620,301	-19.2%	3,099,894	4,116,540	-24.7%	0	0	0.0%	53,852,291	66,620,301	-19.2%	3,099,894	4,116,540	-24.7%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JAN 2019	Open Outcry JAN 2018	% CHG	ELEC JAN 2019	ELEC JAN 2018	% CHG	CME ClearPort JAN 2019	CME ClearPort JAN 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
	TOTAL OPTIONS GROUP																	
Energy Options	0	0	0.0%	3,735,203	6,286,388	-40.6%	2,142,358	3,086,752	-30.6%	0	0	0.0%	3,735,203	6,286,388	-40.6%	2,142,358	3,086,752	-30.6%
Metals Options	0	0	0.0%	950,119	925,334	2.7%	344,218	259,775	32.5%	0	0	0.0%	950,119	925,334	2.7%	344,218	259,775	32.5%
TOTAL OPTIONS	0	0	0.0%	4,685,322	7,211,722	-35.0%	2,486,576	3,346,527	-25.7%	0	0	0.0%	4,685,322	7,211,722	-35.0%	2,486,576	3,346,527	-25.7%
TOTAL COMBINED																		
Ag Products	0	0	0.0%	3	2	50.0%	0	0	0.0%	0	0	0.0%	3	2	50.0%	0	0	0.0%
Energy	0	0	0.0%	47,412,765	58,462,537	-18.9%	4,874,414	6,801,551	-28.3%	0	0	0.0%	47,412,765	58,462,537	-18.9%	4,874,414	6,801,551	-28.3%
Metals	0	0	0.0%	11,124,845	15,369,484	-27.6%	712,056	661,516	7.6%	0	0	0.0%	11,124,845	15,369,484	-27.6%	712,056	661,516	7.6%
GRAND TOTAL	0	0	0.0%	58,537,613	73,832,023	-20.7%	5,586,470	7,463,067	-25.1%	0	0	0.0%	58,537,613	73,832,023	-20.7%	5,586,470	7,463,067	-25.1%