



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	0	0.0%	0	0.0%	5	81	-93.8%
COFFEE	KT	0	0	0.0%	0	0.0%	0	40	-100.0%
COTTON	TT	2	0	0.0%	0	0.0%	4	15	-73.3%
SUGAR 11	YO	0	3	-100.0%	0	0.0%	58	40	45.0%
Energy Futures									
CRUDE OIL PHY	CL	19,661,056	34,725,473	-43.4%	23,056,226	-14.7%	210,513,741	209,610,862	0.4%
CRUDE OIL	WS	500	5,704	-91.2%	4,800	-89.6%	15,639	44,687	-65.0%
MINY WTI CRUDE OIL	QM	310,323	304,306	2.0%	403,151	-23.0%	2,690,332	2,119,492	26.9%
BRENT OIL LAST DAY	BZ	1,211,004	2,139,027	-43.4%	1,651,027	-26.7%	14,061,245	15,918,565	-11.7%
HEATING OIL PHY	HO	3,566,048	4,759,873	-25.1%	3,326,215	7.2%	31,115,863	29,115,009	6.9%
HTG OIL	BH	0	50	-100.0%	36	-100.0%	84	218	-61.5%
MINY HTG OIL	QH	7	3	133.3%	4	75.0%	29	21	38.1%
RBOB PHY	RB	4,858,921	5,803,692	-16.3%	3,959,402	22.7%	33,728,168	34,951,439	-3.5%
MINY RBOB GAS	QU	5	4	25.0%	4	25.0%	28	35	-20.0%
NATURAL GAS	HP	71,377	95,960	-25.6%	74,845	-4.6%	890,036	1,165,845	-23.7%
LTD NAT GAS	HH	312,724	277,723	12.6%	264,029	18.4%	2,701,701	2,351,619	14.9%
MINY NATURAL GAS	QG	17,133	16,749	2.3%	18,460	-7.2%	203,155	201,339	0.9%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	120	-100.0%
NATURAL GAS PHY	NG	8,461,994	8,159,356	3.7%	7,091,612	19.3%	70,144,990	68,802,626	2.0%
RBOB GAS	RT	0	3,211	-100.0%	36	-100.0%	14,374	19,163	-25.0%
3.5% FUEL OIL CID MED SWA	7D	60	10	500.0%	0	0.0%	512	887	-42.3%
3.5% FUEL OIL CIF BALMO S	8D	0	5	-100.0%	0	0.0%	95	175	-45.7%
AEP-DAYTON HUB DAILY	VD	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%
AEP-DAYTON HUB OFF-PEAK M	VP	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%
ALGONQUIN CITYGATES BASIS	B4	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%
ANR OKLAHOMA	NE	0	0	0.0%	0	0.0%	0	0	0.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	-	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	15,010	16,416	-8.6%	11,970	25.4%	187,111	59,176	216.2%
ARGUS PROPAN FAR EST INDE	7E	5,486	4,959	10.6%	3,918	40.0%	45,787	18,054	153.6%

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Energy Futures									
ARGUS PROPAN(SAUDI ARAMCO	9N	3,403	1,330	155.9%	2,024	68.1%	20,554	7,924	159.4%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	0.0%	20	0	-
AUSTRIALIAN COKE COAL	ALW	0	10	-100.0%	0	0.0%	0	1,003	-100.0%
BRENT BALMO SWAP	J9	0	0	0.0%	135	-100.0%	185	478	-61.3%
BRENT CALENDAR SWAP	CY	2,997	6,902	-56.6%	1,669	79.6%	27,989	23,822	17.5%
BRENT CFD SWAP	6W	0	0	-	0	0.0%	300	0	-
BRENT FINANCIAL FUTURES	BB	1,000	0	0.0%	0	0.0%	14,264	41,011	-65.2%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	127	-100.0%	127	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	224	200	12.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	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	7,940	-100.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	0.0%	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	270	-100.0%	0	0.0%	0	7,269	-100.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0.0%	36	534	-93.3%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	-	0	0	0.0%
CEU ENERGY	DEB	915	0	-	0	0.0%	2,991	0	-
CEU ENERGY	TTF	417	0	-	482	-13.5%	7,597	0	-
CEU ENERGY	UKG	1,336	0	-	6,342	-78.9%	40,712	0	-
CHICAGO ETHANOL SWAP	CU	111,631	118,405	-5.7%	66,953	66.7%	803,867	913,706	-12.0%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	586	250	134.4%	550	6.5%	3,120	1,231	153.5%
CHICAGO UNL GAS PL VS RBO	3C	200	0	0.0%	125	60.0%	950	0	0.0%
CIG BASIS	CI	0	0	0.0%	0	0.0%	196	726	-73.0%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0.0%	0	720	-100.0%
CINERGY HUB OFF-PEAK MONT	EJ	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%
CIN HUB 5MW D AH O PK	K2	0	16,000	-100.0%	0	0.0%	0	278,680	-100.0%
CIN HUB 5MW D AH PK	H5	1,214	554	119.1%	1,216	-0.2%	10,010	14,222	-29.6%
CIN HUB 5MW REAL TIME O P	H4	0	16,000	-100.0%	0	0.0%	0	397,000	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	230	-100.0%	230	24,975	-99.1%
COAL SWAP	ACM	15	40	-62.5%	30	-50.0%	465	1,220	-61.9%
COAL SWAP	SSI	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	999	-100.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	-	0	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0.0%	0	1,332	-100.0%

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Energy Futures									
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	183	705	-74.0%	89	105.6%	1,497	2,494	-40.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	110	1,435	-92.3%	209	-47.4%	2,536	6,698	-62.1%
CONWAY PROPANE 5 DECIMALS SWAP	8K	19,614	9,303	110.8%	13,364	46.8%	130,544	70,592	84.9%
CRUDE OIL	CHB	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL	LPS	3,900	4,100	-4.9%	5,150	-24.3%	37,855	31,501	20.2%
CRUDE OIL OUTRIGHTS	37	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	42	98	228	-57.0%	243	-59.7%	1,895	4,069	-53.4%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0.0%	0	600	-100.0%
CRUDE OIL OUTRIGHTS	CPD	0	0	-	0	0.0%	2,956	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	0.0%	0	0.0%	0	30	-100.0%
CRUDE OIL OUTRIGHTS	CSW	1,560	120	1,200.0%	0	0.0%	1,565	2,020	-22.5%
CRUDE OIL OUTRIGHTS	DBL	0	475	-100.0%	0	0.0%	99	1,525	-93.5%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	0	330	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	105	110	-4.5%
CRUDE OIL OUTRIGHTS	HTT	35,150	27,805	26.4%	40,225	-12.6%	407,568	90,980	348.0%
CRUDE OIL OUTRIGHTS	LSW	30	645	-95.3%	0	0.0%	320	885	-63.8%
CRUDE OIL OUTRIGHTS	SSW	0	90	-100.0%	0	0.0%	0	795	-100.0%
CRUDE OIL OUTRIGHTS	UMD	0	0	-	0	0.0%	4,800	0	-
CRUDE OIL OUTRIGHTS	UNS	0	0	-	0	0.0%	7,554	0	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0.0%	0	24,737	-100.0%
CRUDE OIL OUTRIGHTS	WCW	2,360	11,310	-79.1%	2,758	-14.4%	56,310	41,020	37.3%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	2,055	0	0.0%
CRUDE OIL SPRDS	WTT	22,628	17,745	27.5%	29,726	-23.9%	366,144	51,884	605.7%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	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%
DAILY PJM	IDO	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%
DAILY PJM	PAP	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%
DAILY PJM	PNO	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%
DAILY PJM	PWO	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%
DAILY PJM	WOR	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%



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Energy Futures									
DAILY PJM	ZGO	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%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	0.0%	0	0.0%	0	1,400	-100.0%
DATED TO FRONTLINE BRENT	FY	0	1,950	-100.0%	85	-100.0%	3,135	11,550	-72.9%
DEMARCO INDEX FUTURE	DI	0	0	0.0%	0	-	0	0	0.0%
DEMARCO SWING SWAP	DT	0	0	0.0%	0	-	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	5	0	0.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	0.0%	0	3	-100.0%
DLY GAS EURO-BOB OXY	GBR	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%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0.0%	126	48,516	-99.7%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	125	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	875	6,025	-85.5%	2,075	-57.8%	14,902	72,824	-79.5%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0.0%	0	1,500	-100.0%
EASTERN RAIL DELIVERY CSX	QX	0	420	-100.0%	15	-100.0%	245	4,635	-94.7%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	30	-100.0%	187	1,255	-85.1%
EIA FLAT TAX ONHWAY DIESE	A5	206	96	114.6%	31	564.5%	1,686	6,214	-72.9%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	0.0%	0	0	-
ELEC ERCOT DLY OFF PK	R4	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	I3	0	0	-	0	0.0%	0	0	-
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	N1	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	R1	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT OFF PEAK	I2	0	0	-	0	0.0%	19,600	0	-
ELEC FINSETTLED	47	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%
ELEC MISO PEAK	4L	0	0	0.0%	0	0.0%	0	3,825	-100.0%
ELEC MISO PEAK	55	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0.0%	0	70,200	-100.0%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	ERE	0	0	0.0%	0	0.0%	0	690	-100.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	50	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%
ELEC WEST POWER PEAK	MDC	0	0	0.0%	0	0.0%	0	1,540	-100.0%

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Energy Futures									
EL PASO PERMIAN INDEX SWA	IL	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%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	2,200	-100.0%	0	0.0%	1,950	3,880	-49.7%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	21,200	-100.0%	0	0.0%	19,600	35,920	-45.4%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	2,200	-100.0%	0	0.0%	5,050	4,710	7.2%
ETHANOL SWAP	MT2	20	0	-	120	-83.3%	270	0	-
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,833	2,782	1.8%	2,339	21.1%	23,443	30,307	-22.6%
EURO 1% FUEL OIL NEW BALM	KX	2	0	0.0%	0	0.0%	25	18	38.9%
EURO 3.5% FUEL OIL RDAM B	KR	457	225	103.1%	701	-34.8%	5,167	3,616	42.9%
EURO 3.5% FUEL OIL SPREAD	FK	125	233	-46.4%	17	635.3%	834	4,196	-80.1%
EURO-DENOMINATED PETRO PROD	NCP	640	24	2,566.7%	0	0.0%	640	1,364	-53.1%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	66	-100.0%	0	0.0%	370	344	7.6%
EUROPE 1% FUEL OIL NWE CA	UF	0	20	-100.0%	48	-100.0%	366	683	-46.4%
EUROPE 1% FUEL OIL RDAM C	UH	0	3	-100.0%	0	0.0%	3	39	-92.3%
EUROPE 3.5% FUEL OIL MED	UI	95	10	850.0%	2	4,650.0%	768	1,174	-34.6%
EUROPE 3.5% FUEL OIL RDAM	UV	4,047	2,762	46.5%	7,697	-47.4%	68,381	60,280	13.4%
EUROPEAN GASOIL (ICE)	7F	334	3,945	-91.5%	318	5.0%	3,651	27,566	-86.8%
EUROPEAN NAPHTHA BALMO	KZ	277	331	-16.3%	410	-32.4%	2,289	3,070	-25.4%
EUROPEAN NAPHTHA CRACK SPR	EN	8,901	6,783	31.2%	7,925	12.3%	72,491	57,613	25.8%
EUROPE DATED BRENT SWAP	UB	0	124	-100.0%	0	0.0%	0	1,940	-100.0%
EUROPE JET KERO NWE CALSW	UJ	18	42	-57.1%	6	200.0%	39	102	-61.8%
EUROPE NAPHTHA CALSWAP	UN	3,780	3,342	13.1%	4,080	-7.4%	27,309	23,300	17.2%
EURO PROPANE CIF ARA SWA	PS	1,443	1,450	-0.5%	1,189	21.4%	13,960	9,413	48.3%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	0.0%	0	-	0	0	0.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLP	282	403	-30.0%	177	59.3%	1,067	1,284	-16.9%
FREIGHT MARKETS	FRC	60	0	-	0	0.0%	600	0	-
FREIGHT MARKETS	FRS	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	T2D	185	0	-	330	-43.9%	2,123	0	-
FREIGHT MARKETS	TC6	0	0	-	0	0.0%	240	0	-
FREIGHT MARKETS	TD3	0	0	-	30	-100.0%	30	0	-
FUEL OIL CRACK VS ICE	FO	1,630	1,335	22.1%	2,312	-29.5%	32,077	32,921	-2.6%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	171	0	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	154	0	0.0%

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Energy Futures									
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	48	-100.0%	120	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	165	170	-2.9%	203	-18.7%	1,878	2,556	-26.5%
GAS EURO-BOB OXY NWE BARGES	7H	6,480	7,202	-10.0%	7,209	-10.1%	62,148	57,339	8.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	13,155	22,615	-41.8%	13,153	0.0%	152,732	155,047	-1.5%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF MED SWAP	Z4	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%	10	50	-80.0%
GASOIL 0.1 CIF NWE VS ISE	TU	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	20	-100.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	5	0	0.0%	0	0.0%	10	150	-93.3%
GASOIL 0.1 ROTTERDAM BARG	VL	5	5	0.0%	95	-94.7%	1,260	85	1,382.4%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0.0%	0	25	-100.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	-	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	60	-100.0%	0	0.0%	12	592	-98.0%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	0.0%	0	30	-100.0%
GASOIL CALENDAR SWAP	GX	6	0	0.0%	0	0.0%	54	241	-77.6%
GASOIL CRACK SPREAD CALEN	GZ	2,832	4,545	-37.7%	1,524	85.8%	35,552	60,428	-41.2%
GASOIL MINI CALENDAR SWAP	QA	172	188	-8.5%	384	-55.2%	1,442	1,191	21.1%
GASOLINE UP-DOWN BALMO SW	1K	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	20	0	0.0%	0	0.0%	205	125	64.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	0.0%	425	0	-
GRP THREE ULSD(PLT)VS HEA	A6	2,880	9,117	-68.4%	2,060	39.8%	27,718	30,327	-8.6%
GRP THREE UNL GS (PLT) VS	A8	1,985	1,645	20.7%	2,160	-8.1%	15,777	5,299	197.7%
GULF COAST 3% FUEL OIL BA	VZ	981	286	243.0%	1,846	-46.9%	11,466	9,397	22.0%
GULF COAST GASOLINE CLNDR	GS	0	0	0.0%	0	-	0	0	0.0%
GULF COAST JET FUEL CLNDR	GE	241	42	473.8%	60	301.7%	1,156	943	22.6%
GULF COAST JET VS NYM 2 H	ME	29,940	57,220	-47.7%	27,628	8.4%	301,608	360,038	-16.2%
GULF COAST NO.6 FUEL OIL	MF	46,376	42,091	10.2%	47,665	-2.7%	472,377	417,197	13.2%
GULF COAST NO.6 FUEL OIL	MG	530	643	-17.6%	835	-36.5%	14,873	10,558	40.9%
GULF COAST ULSD CALENDAR	LY	215	80	168.8%	98	119.4%	2,025	4,080	-50.4%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	1,295	3,870	-66.5%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0.0%	223	830	-73.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	62	0	0.0%	0	0.0%	7,494	51,020	-85.3%

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
HENRY HUB FINANCIAL LAST	NBP	4,419	549	704.9%	3,975	11.2%	22,465	608	3,594.9%
HENRY HUB FINANCIAL LAST	TTE	78	32	143.8%	69	13.0%	855	124	589.5%
HENRY HUB INDEX SWAP FUTU	IN	62	0	0.0%	0	0.0%	7,494	48,830	-84.7%
HENRY HUB SWAP	NN	194,981	260,442	-25.1%	202,461	-3.7%	1,407,056	1,460,419	-3.7%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	-	0	0	0.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	3,777	-100.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	-	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0.0%	0	719	-100.0%
ICE BRENT DUBAI SWAP	DB	11,453	1,433	699.2%	7,850	45.9%	82,951	70,896	17.0%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	0.0%	0	9	-100.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0.0%	0	2,850	-100.0%
INDIANA MISO	FAD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FTD	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%
INDIANA MISO	PDD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PDM	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTM	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL	MCC	0	0	0.0%	0	0.0%	0	5	-100.0%
INDONESIAN COAL ICI4	ICI	210	0	-	240	-12.5%	985	0	-
ISO NEW ENGLAND OFF-PEAK	KI	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	10	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	746	-100.0%	0	0.0%	1,689	4,631	-63.5%
JAPAN C&F NAPHTHA SWAP	JA	1,496	1,089	37.4%	2,037	-26.6%	16,489	12,594	30.9%
JAPAN NAPHTHA BALMO SWAP	E6	97	0	0.0%	185	-47.6%	498	1,314	-62.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	0.0%	5	12	-58.3%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	-	0	0	0.0%
JET CIF NWE VS ICE	JC	0	10	-100.0%	138	-100.0%	630	834	-24.5%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	0	5	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0.0%	0	62	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	5,500	6,035	-8.9%	3,420	60.8%	47,757	57,207	-16.5%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	105	450	-76.7%	775	-86.5%	2,630	1,670	57.5%
LA CARBOB GASOLINE(OPIS)S	JL	75	325	-76.9%	150	-50.0%	4,150	1,875	121.3%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0.0%	0	25	-100.0%
LA JET (OPIS) SWAP	JS	1,388	3,275	-57.6%	1,115	24.5%	17,643	15,395	14.6%

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
LLS (ARGUS) CALENDAR SWAP	XA	607	0	-	0	-	607	0	-
LLS (ARGUS) VS WTI SWAP	WJ	2,292	8,245	-72.2%	2,530	-9.4%	46,712	33,248	40.5%
MARS (ARGUS) VS WTI SWAP	YX	500	3,400	-85.3%	150	233.3%	19,200	25,251	-24.0%
MARS (ARGUS) VS WTI TRD M	YV	9,911	11,890	-16.6%	6,165	60.8%	181,546	146,019	24.3%
MARS BLEND CRUDE OIL	MB	0	740	-100.0%	200	-100.0%	2,319	11,968	-80.6%
MCCLOSKEY ARA ARGS COAL	MTF	19,040	26,637	-28.5%	21,320	-10.7%	193,068	379,940	-49.2%
MCCLOSKEY RCH BAY COAL	MFF	2,606	3,457	-24.6%	3,013	-13.5%	26,483	43,272	-38.8%
MGF FUT	MGF	88	89	-1.1%	0	0.0%	218	286	-23.8%
MGN1 SWAP FUT	MGN	40	20	100.0%	30	33.3%	573	954	-39.9%
MICHCON NG INDEX SWAP	Y8	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	0.0%	0	2,592	-100.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0.0%	0	59,040	-100.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	0	3,195	-100.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	265	255	3.9%	552	-52.0%	2,951	4,051	-27.2%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	375	1,135	-67.0%	851	-55.9%	3,035	4,082	-25.6%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	2,108	2,887	-27.0%	1,614	30.6%	13,567	21,038	-35.5%
MJC FUT	MJC	80	20	300.0%	50	60.0%	1,325	725	82.8%
MNC FUT	MNC	4,712	3,970	18.7%	3,792	24.3%	30,929	35,089	-11.9%
MONT BELVIEU ETHANE 5 DECIMAL	C0	19,570	16,456	18.9%	11,511	70.0%	125,059	190,557	-34.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	130	175	-25.7%	300	-56.7%	1,290	2,447	-47.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	111,817	101,923	9.7%	93,989	19.0%	964,037	717,329	34.4%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	987	1,693	-41.7%	2,472	-60.1%	21,613	14,498	49.1%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	5,130	2,306	122.5%	4,528	13.3%	63,933	32,272	98.1%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	382	117	226.5%	215	77.7%	3,226	1,900	69.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	46,652	29,121	60.2%	39,530	18.0%	272,449	224,756	21.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,105	820	34.8%	2,284	-51.6%	8,601	6,101	41.0%
NAT GAS BASIS SWAP	TZ6	0	428	-100.0%	0	0.0%	0	2,165	-100.0%
NATURAL GAS	HBI	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS	XIC	0	0	0.0%	0	0.0%	0	44	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	0.0%	0	0.0%	0	360	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0.0%	0	656	-100.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
NATURAL GAS PEN SWP	NP	30,236	64,946	-53.4%	21,360	41.6%	279,942	698,003	-59.9%
NEPOOL CNCTCT 5MW D AH O	P3	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%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	79,520	221,100	-64.0%
NEPOOL INTR HUB 5MW D AH	U6	0	840	-100.0%	0	0.0%	4,376	16,510	-73.5%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	-	0	0	0.0%
NEPOOL NEW HAMP 5MW D AH	U3	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%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH O	P5	0	0	0.0%	0	-	0	0	0.0%
NEPOOL SE MASS 5MW D AH P	P4	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%
NEPOOL W CNTR M 5MW D AH	R6	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%
NEW YORK ETHANOL SWAP	EZ	1,030	1,150	-10.4%	450	128.9%	10,666	5,760	85.2%
NEW YORK HUB ZONE G PEAK	GN	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%
NGPL MID-CONTINENT	NL	0	1,332	-100.0%	0	0.0%	400	3,676	-89.1%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	-	0	0	0.0%
NGPL MIDCONTINENT SWING S	PX	0	0	0.0%	0	-	0	0	0.0%
NGPL TEX/OK	PD	0	1,910	-100.0%	0	0.0%	22,836	7,766	194.1%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	-	0	0	0.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	400	99	304.0%	95	321.1%	2,558	3,659	-30.1%
NORTHERN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHERN NATURAL GAS VENTU	PF	0	0	0.0%	0	0.0%	100	84	19.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0.0%	0	3,088	-100.0%
N ROCKIES PIPE SWAP	XR	59	0	0.0%	0	0.0%	59	334	-82.3%
NY1% VS GC SPREAD SWAP	VR	375	875	-57.1%	1,918	-80.4%	12,933	18,016	-28.2%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0.0%	0	0	0.0%
NY 3.0% FUEL OIL (PLATTS	H1	450	75	500.0%	200	125.0%	1,650	3,185	-48.2%
NY HARBOR 1% FUEL OIL BAL	VK	50	0	0.0%	0	0.0%	50	25	100.0%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
NY HARBOR HEAT OIL SWP	MP	5,614	1,986	182.7%	1,999	180.8%	16,029	20,776	-22.8%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	150	225	-33.3%	0	0.0%	2,845	4,273	-33.4%
NY HARBOR RESIDUAL FUEL 1	MM	989	2,558	-61.3%	887	11.5%	9,164	20,444	-55.2%
NYH NO 2 CRACK SPREAD CAL	HK	90	279	-67.7%	360	-75.0%	7,397	11,359	-34.9%
NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	-	0	0	0.0%
NYISO A	KA	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%
NYISO CAPACITY	LHV	0	12	-100.0%	78	-100.0%	246	279	-11.8%
NYISO CAPACITY	NNC	150	96	56.2%	58	158.6%	615	1,610	-61.8%
NYISO CAPACITY	NRS	60	93	-35.5%	18	233.3%	275	1,537	-82.1%
NYISO G	KG	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%
NYISO J	KJ	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%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0.0%	0	32,760	-100.0%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0.0%	0	6,815	-100.0%
NYISO ZONE C 5MW D AH O P	A3	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	110	-100.0%
NYISO ZONE G 5MW D AH O P	D2	22,320	84,240	-73.5%	0	0.0%	600,854	732,720	-18.0%
NYISO ZONE G 5MW D AH PK	T3	0	4,854	-100.0%	0	0.0%	18,284	52,809	-65.4%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0.0%	0	226,600	-100.0%
NYISO ZONE J 5MW D AH PK	D3	0	870	-100.0%	0	0.0%	0	23,165	-100.0%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	0.0%	0	-	0	0	0.0%
NYMEX ALUMINUM FUTURES	AN	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%
NY ULSD (ARGUS) VS HEATING OIL	7Y	0	500	-100.0%	79	-100.0%	213	8,220	-97.4%
ONEOK OKLAHOMA NG BASIS	8X	1,464	196	646.9%	0	0.0%	1,464	196	646.9%
ONTARIO POWER SWAPS	OFD	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%
ONTARIO POWER SWAPS	OPD	0	10	-100.0%	0	0.0%	10	495	-98.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	0	650	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	275	3,060	-91.0%
PANHANDLE INDEX SWAP FUTU	IV	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	0	864	-100.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0.0%	0	1,009	-100.0%
PETROCHEMICALS	22	190	111	71.2%	176	8.0%	1,306	611	113.7%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
PETROCHEMICALS	32	179	93	92.5%	64	179.7%	1,354	871	55.5%
PETROCHEMICALS	51	0	0	-	0	0.0%	23	0	-
PETROCHEMICALS	8I	44	688	-93.6%	602	-92.7%	5,684	4,963	14.5%
PETROCHEMICALS	91	243	265	-8.3%	222	9.5%	3,187	1,754	81.7%
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	JKM	2,208	310	612.3%	2,065	6.9%	9,218	310	2,873.5%
PETROCHEMICALS	LPE	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	MAA	0	0	-	0	0.0%	50	0	-
PETROCHEMICALS	MAC	0	0	0.0%	0	0.0%	0	50	-100.0%
PETROCHEMICALS	MAE	114	70	62.9%	298	-61.7%	1,492	140	965.7%
PETROCHEMICALS	MAS	385	30	1,183.3%	110	250.0%	1,146	215	433.0%
PETROCHEMICALS	MBE	990	1,205	-17.8%	470	110.6%	6,690	9,930	-32.6%
PETROCHEMICALS	MNB	1,039	2,603	-60.1%	1,454	-28.5%	16,319	13,572	20.2%
PETROCHEMICALS	MPS	120	10	1,100.0%	90	33.3%	890	20	4,350.0%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	0.0%	0	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0.0%	0	142	-100.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	100	264	-62.1%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	10	-100.0%	509	1,310	-61.1%
PETRO CRCKS & SPRDS NA	CRB	2,785	905	207.7%	2,090	33.3%	12,005	1,960	512.5%
PETRO CRCKS & SPRDS NA	EXR	2,140	2,877	-25.6%	2,247	-4.8%	22,870	21,057	8.6%
PETRO CRCKS & SPRDS NA	FOC	200	275	-27.3%	0	0.0%	5,575	5,978	-6.7%
PETRO CRCKS & SPRDS NA	GBB	1,600	1,313	21.9%	1,570	1.9%	10,335	6,983	48.0%
PETRO CRCKS & SPRDS NA	GCC	0	360	-100.0%	150	-100.0%	1,740	1,160	50.0%
PETRO CRCKS & SPRDS NA	GCI	2,183	0	0.0%	1,524	43.2%	12,547	8,987	39.6%
PETRO CRCKS & SPRDS NA	GCM	21	17	23.5%	0	0.0%	163	59	176.3%
PETRO CRCKS & SPRDS NA	GCU	14,880	3,370	341.5%	8,318	78.9%	108,664	47,673	127.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	15	-100.0%	40	535	-92.5%
PETRO CRCKS & SPRDS NA	HOB	1,092	2,835	-61.5%	60	1,720.0%	8,033	27,584	-70.9%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO CRCKS & SPRDS NA	MFR	4	0	0.0%	0	-	4	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	50	109	-54.1%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	0	1,125	-100.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	4,844	6,394	-24.2%	3,616	34.0%	43,263	67,526	-35.9%
PETRO CRCKS & SPRDS NA	RVG	9,196	21,880	-58.0%	12,057	-23.7%	133,093	131,007	1.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	33	-100.0%	321	15	2,040.0%

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
PETRO CRK&SPRD EURO	1NB	2,313	1,720	34.5%	2,134	8.4%	15,811	11,060	43.0%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	0.0%	100	0	-
PETRO CRK&SPRD EURO	43	211	288	-26.7%	435	-51.5%	2,979	2,031	46.7%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	1,412	862	63.8%	1,217	16.0%	14,732	15,941	-7.6%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	0.0%	0	0	-
PETRO CRK&SPRD EURO	EGN	0	0	0.0%	0	0.0%	0	18	-100.0%
PETRO CRK&SPRD EURO	EOB	0	31	-100.0%	9	-100.0%	188	121	55.4%
PETRO CRK&SPRD EURO	EPN	664	645	2.9%	708	-6.2%	7,340	3,398	116.0%
PETRO CRK&SPRD EURO	EVC	1,210	1,588	-23.8%	2,249	-46.2%	17,671	20,362	-13.2%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	30	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0.0%	680	739	-8.0%
PETRO CRK&SPRD EURO	GOC	0	15	-100.0%	0	0.0%	84	105	-20.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	80	70	14.3%
PETRO CRK&SPRD EURO	MUD	0	138	-100.0%	0	0.0%	163	857	-81.0%
PETRO CRK&SPRD EURO	NBB	20	10	100.0%	10	100.0%	152	124	22.6%
PETRO CRK&SPRD EURO	NOB	1,899	1,640	15.8%	1,488	27.6%	13,444	8,770	53.3%
PETRO CRK&SPRD EURO	SFB	0	23	-100.0%	15	-100.0%	125	178	-29.8%
PETROLEUM PRODUCTS	D46	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	EWG	4,635	2,546	82.1%	3,952	17.3%	35,953	20,204	77.9%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0.0%	0	80	-100.0%
PETROLEUM PRODUCTS	MGS	0	0	0.0%	0	0.0%	0	20	-100.0%
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	30	20	50.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	100	-100.0%
PETROLEUM PRODUCTS	VU	0	830	-100.0%	116	-100.0%	1,044	2,474	-57.8%
PETROLEUM PRODUCTS ASIA	E6M	70	40	75.0%	150	-53.3%	634	192	230.2%
PETROLEUM PRODUCTS ASIA	MJN	1,545	1,400	10.4%	1,308	18.1%	15,434	16,107	-4.2%
PETROLEUM PRODUCTS ASIA	MSB	0	20	-100.0%	0	0.0%	0	45	-100.0%
PETRO OUTRIGHT EURO	OB	0	20	-100.0%	20	-100.0%	84	103	-18.4%
PETRO OUTRIGHT EURO	OC	3	0	0.0%	0	0.0%	3	0	0.0%
PETRO OUTRIGHT EURO	OD	1,026	2,105	-51.3%	1,187	-13.6%	10,771	19,754	-45.5%
PETRO OUTRIGHT EURO	OE	3	125	-97.6%	30	-90.0%	198	3,950	-95.0%
PETRO OUTRIGHT EURO	OF	476	830	-42.7%	353	34.8%	4,565	9,690	-52.9%

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
PETRO OUTRIGHT EURO	1T	18	42	-57.1%	6	200.0%	39	102	-61.8%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0.0%	0	80	-100.0%
PETRO OUTRIGHT EURO	5L	10	0	0.0%	10	0.0%	224	491	-54.4%
PETRO OUTRIGHT EURO	63	5	240	-97.9%	25	-80.0%	172	737	-76.7%
PETRO OUTRIGHT EURO	6L	0	5	-100.0%	0	0.0%	0	7	-100.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	120	-100.0%	582	875	-33.5%
PETRO OUTRIGHT EURO	7R	393	220	78.6%	236	66.5%	2,535	2,071	22.4%
PETRO OUTRIGHT EURO	88	0	30	-100.0%	0	0.0%	105	35	200.0%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0.0%	55	42	31.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	CPB	0	209	-100.0%	10	-100.0%	3,009	2,248	33.9%
PETRO OUTRIGHT EURO	EFF	15	10	50.0%	0	0.0%	116	290	-60.0%
PETRO OUTRIGHT EURO	EFM	0	25	-100.0%	0	0.0%	0	453	-100.0%
PETRO OUTRIGHT EURO	ENS	40	20	100.0%	0	0.0%	105	150	-30.0%
PETRO OUTRIGHT EURO	ESB	0	0	0.0%	0	0.0%	0	69	-100.0%
PETRO OUTRIGHT EURO	EWN	765	693	10.4%	665	15.0%	5,612	5,785	-3.0%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	GES	5	0	-	0	-	5	0	-
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	10	-100.0%	171	480	-64.4%
PETRO OUTRIGHT EURO	MBN	409	1,154	-64.6%	250	63.6%	8,378	8,431	-0.6%
PETRO OUTRIGHT EURO	MEF	15	0	-	0	-	15	0	-
PETRO OUTRIGHT EURO	SMU	150	0	0.0%	0	0.0%	478	40	1,095.0%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0.0%	9	164	-94.5%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0.0%	0	375	-100.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	980	150	553.3%
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	FCB	32	224	-85.7%	57	-43.9%	592	1,574	-62.4%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT NA	GBA	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	GUD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0.0%	69	420	-83.6%
PETRO OUTRIGHT NA	JET	6,340	7,581	-16.4%	1,650	284.2%	21,220	33,620	-36.9%
PETRO OUTRIGHT NA	JTB	150	225	-33.3%	625	-76.0%	3,860	1,175	228.5%
PETRO OUTRIGHT NA	MBL	0	105	-100.0%	0	0.0%	40	266	-85.0%
PETRO OUTRIGHT NA	MEN	635	657	-3.3%	517	22.8%	3,568	5,026	-29.0%



NYMEX/COMEX Exchange Volume Report - Monthly

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Energy Futures									
PETRO OUTRIGHT NA	MEO	2,609	7,111	-63.3%	3,618	-27.9%	30,169	78,456	-61.5%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0.0%	100	203	-50.7%
PETRO OUTRIGHT NA	MMF	19	12	58.3%	0	0.0%	74	438	-83.1%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0.0%	0	625	-100.0%
PETRO OUTRIGHT NA	XER	300	0	0.0%	0	-	300	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	28,032	273,469	-89.7%
PJM AD HUB 5MW REAL TIME	Z9	0	2,550	-100.0%	5,140	-100.0%	12,653	21,991	-42.5%
PJM AECO DA OFF-PEAK	X1	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%
PJM APS ZONE DA OFF-PEAK	W4	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%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0.0%	0	46,800	-100.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0.0%	0	2,550	-100.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	E3	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	85,390	-100.0%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0.0%	0	4,675	-100.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0.0%	0	211,995	-100.0%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0.0%	0	5,250	-100.0%
PJM JCPL DA OFF-PEAK	F2	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%
PJM NI HUB 5MW REAL TIME	B3	0	1,260	-100.0%	0	0.0%	5,100	79,100	-93.6%
PJM NI HUB 5MW REAL TIME	B6	0	36,030	-100.0%	0	0.0%	0	1,700,530	-100.0%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0.0%	0	685,367	-100.0%
PJM NILL DA PEAK	N3	0	60	-100.0%	0	0.0%	22	39,086	-99.9%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	-	0	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	23,400	0	0.0%	0	0.0%	23,400	0	0.0%
PJM PSEG DA PEAK	L6	1,275	0	0.0%	0	0.0%	1,275	0	0.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	23,400	46,800	-50.0%	0	0.0%	101,810	54,300	87.5%
PJM WESTHDA PEAK	J4	1,275	2,550	-50.0%	0	0.0%	5,525	8,620	-35.9%
PJM WESTH RT OFF-PEAK	N9	0	288,670	-100.0%	0	0.0%	294,000	2,134,895	-86.2%

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NYMEX/COMEX Exchange Volume Report - Monthly

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Energy Futures									
PJM WESTH RT PEAK	L1	2,791	17,480	-84.0%	3,830	-27.1%	45,970	195,856	-76.5%
PLASTICS	PGP	471	575	-18.1%	90	423.3%	3,015	4,390	-31.3%
PREMIUM UNLND 10P FOB MED	3G	174	85	104.7%	326	-46.6%	2,033	493	312.4%
PREMIUM UNLEAD 10PPM FOB	8G	48	0	0.0%	31	54.8%	403	152	165.1%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	80	7	1,042.9%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	116	0	0.0%	6	1,833.3%	186	37	402.7%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	707	357	98.0%	510	38.6%	4,398	4,264	3.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	12,617	4,889	158.1%	8,600	46.7%	93,749	54,702	71.4%
RBOB CALENDAR SWAP	RL	6,092	10,729	-43.2%	10,131	-39.9%	46,084	59,439	-22.5%
RBOB CRACK SPREAD	RM	60	2,640	-97.7%	960	-93.8%	9,213	5,204	77.0%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	833	618	34.8%	374	122.7%	9,000	6,139	46.6%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	0.0%	0	-	0	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	0	0.0%	0	-	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	1,270	-100.0%	0	0.0%	1,975	16,120	-87.7%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	-	0	0	0.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	27	-100.0%	58	2,254	-97.4%
SAN JUAN PIPE SWAP	XX	0	0	-	0	0.0%	360	0	-
SINGAPORE 180CST BALMO	BS	48	102	-52.9%	55	-12.7%	438	524	-16.4%
SINGAPORE 380CST BALMO	BT	282	292	-3.4%	323	-12.7%	1,808	1,682	7.5%
SINGAPORE 380CST FUEL OIL	SE	10,558	6,280	68.1%	7,996	32.0%	72,321	82,243	-12.1%
SINGAPORE FUEL 180CST CAL	UA	543	1,121	-51.6%	812	-33.1%	7,197	9,076	-20.7%
SINGAPORE FUEL OIL SPREAD	SD	273	492	-44.5%	140	95.0%	5,724	6,101	-6.2%
SINGAPORE GASOIL	MAF	8	0	-	0	-	8	0	-
SINGAPORE GASOIL	MTB	51	230	-77.8%	46	10.9%	476	1,303	-63.5%
SINGAPORE GASOIL	MTS	4,141	6,663	-37.9%	4,697	-11.8%	38,123	39,700	-4.0%
SINGAPORE GASOIL	STL	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	4,300	800	437.5%
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	0.0%	50	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	0.0%	250	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	0.0%	0	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	0.0%	200	0	-
SINGAPORE GASOIL CALENDAR	MSG	50	103	-51.5%	0	0.0%	4,249	2,214	91.9%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	0.0%	325	0	-

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
SINGAPORE GASOIL SWAP	SG	6,590	7,037	-6.4%	2,400	174.6%	35,693	78,639	-54.6%
SINGAPORE GASOIL VS ICE	GA	5,775	6,895	-16.2%	8,381	-31.1%	107,216	68,264	57.1%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	215	536	-59.9%
SINGAPORE JET KERO GASOIL	RK	2,325	2,200	5.7%	4,000	-41.9%	31,170	17,295	80.2%
SINGAPORE JET KEROSENE SW	KS	1,995	1,560	27.9%	75	2,560.0%	9,060	11,804	-23.2%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	375	0	0.0%	0	0.0%	400	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	1,793	25	7,072.0%	620	189.2%	4,976	1,265	293.4%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	9,639	6,922	39.3%	11,300	-14.7%	111,179	62,722	77.3%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	0.0%	200	0	-
SING FUEL	MSD	0	0	0.0%	15	-100.0%	95	40	137.5%
SOCAL PIPE SWAP	XN	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%
SOUTHERN NAT LA NAT GAS	M8	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%
Sumas Basis Swap	NK	0	0	0.0%	0	0.0%	91	6,238	-98.5%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	0.0%	0	306	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	0.0%	548	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	240	0	0.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0.0%	0	8,226	-100.0%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	2,035	0	-	1,650	23.3%	8,655	0	-
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0.0%	0	428	-100.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0.0%	0	0	0.0%
TENNESSEE ZONE 0 BASIS SW	NQ	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%
Tetco STX Basis	TX	0	0	0.0%	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	604	-100.0%	0	0.0%	0	8,604	-100.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0.0%	0	0	0.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0.0%	0	302	-100.0%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	0.0%	0	0.0%	0	6,256	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0.0%	0	12,619	-100.0%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0.0%	0	465	-100.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0.0%	0	2,870	-100.0%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0.0%	0	856	-100.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
UCM FUT	UCM	0	20	-100.0%	10	-100.0%	60	265	-77.4%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0.0%	0	30	-100.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0.0%	14	66	-78.8%
ULSD 10PPM CIF NW BALMO S	B1	0	0	0.0%	0	0.0%	0	6	-100.0%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	4,837	3,950	22.5%	4,080	18.6%	40,362	28,900	39.7%
UP DOWN GC ULSD VS NMX HO	LT	33,292	63,616	-47.7%	24,917	33.6%	253,949	368,337	-31.1%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	-	0	0	0.0%
WAHA BASIS	NW	0	3,012	-100.0%	0	0.0%	3,201	6,064	-47.2%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0.0%	0	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	10	-100.0%	25	2,220	-98.9%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	6,650	404	1,546.0%
WTI-BRENT CALENDAR SWAP	BK	14,291	31,785	-55.0%	24,687	-42.1%	250,805	96,137	160.9%
WTI CALENDAR	CS	35,424	40,687	-12.9%	23,613	50.0%	264,043	276,849	-4.6%
WTS (ARGUS) VS WTI SWAP	FF	13,583	11,370	19.5%	6,662	103.9%	68,502	36,744	86.4%
WTS (ARGUS) VS WTI TRD MT	FH	1,815	1,620	12.0%	1,620	12.0%	5,385	5,564	-3.2%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	0.0%	0	0.0%	0	230	-100.0%
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	-	0	0	0.0%
BRENT 1 MONTH CAL	AA	0	0	-	0	0.0%	3,000	0	-
BRENT CALENDAR SWAP	BA	970	0	0.0%	440	120.5%	5,715	5,297	7.9%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	0.0%	2,000	0	-
BRENT CRUDE OIL 1 M CSO	9C	11,500	0	-	2,800	310.7%	385,838	0	-
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	0.0%	1,000	0	-
BRENT OIL LAST DAY	BE	12,503	9,316	34.2%	73,346	-83.0%	260,912	33,611	676.3%
BRENT OIL LAST DAY	BZO	123,118	53,791	128.9%	176,722	-30.3%	1,044,045	233,065	348.0%
BRENT OIL LAST DAY	OS	100	500	-80.0%	0	0.0%	1,190	3,644	-67.3%
COAL API2 INDEX	CLA	460	150	206.7%	680	-32.4%	5,365	8,171	-34.3%
COAL API2 INDEX	CQA	150	0	0.0%	425	-64.7%	3,455	610	466.4%
COAL API2 INDEX	MTC	0	0	0.0%	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0.0%	25	0	0.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0.0%	60	0	0.0%
COAL SWAP	CPF	0	40	-100.0%	0	0.0%	0	180	-100.0%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Options									
COAL SWAP	RPF	0	360	-100.0%	0	0.0%	0	445	-100.0%
CRUDE OIL 1MO	WA	115,030	193,754	-40.6%	240,900	-52.2%	1,718,040	1,431,602	20.0%
CRUDE OIL APO	AO	31,738	67,115	-52.7%	13,742	131.0%	371,503	324,658	14.4%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	0.0%	170	0	-
CRUDE OIL OUTRIGHTS	AH	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%
CRUDE OIL OUTRIGHTS	WCI	0	7,680	-100.0%	0	0.0%	0	7,680	-100.0%
CRUDE OIL PHY	CD	1,250	5,350	-76.6%	175	614.3%	19,050	20,015	-4.8%
CRUDE OIL PHY	LC	11,985	13,195	-9.2%	1,799	566.2%	79,139	218,717	-63.8%
CRUDE OIL PHY	LO	2,936,385	3,326,187	-11.7%	3,041,132	-3.4%	28,171,941	30,974,091	-9.0%
CRUDE OIL PHY	LO1	13,737	25,359	-45.8%	16,623	-17.4%	110,885	114,373	-3.0%
CRUDE OIL PHY	LO2	14,177	20,956	-32.3%	15,483	-8.4%	121,518	100,656	20.7%
CRUDE OIL PHY	LO3	7,936	10,246	-22.5%	13,568	-41.5%	78,580	70,190	12.0%
CRUDE OIL PHY	LO4	12,228	20,549	-40.5%	12,220	0.1%	119,022	134,871	-11.8%
CRUDE OIL PHY	LO5	14,791	74	19,887.8%	0	0.0%	49,705	34,862	42.6%
ELEC FINSETTLED	PML	0	0	0.0%	0	-	0	0	0.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0.0%	0	820	-100.0%
ETHANOL	CE1	0	0	0.0%	0	0.0%	275	75	266.7%
ETHANOL	CE3	0	25	-100.0%	0	0.0%	150	325	-53.8%
ETHANOL SWAP	CVR	3,306	5,261	-37.2%	3,470	-4.7%	57,811	41,063	40.8%
ETHANOL SWAP	GVR	475	195	143.6%	120	295.8%	2,668	1,580	68.9%
EURO-DENOMINATED PETRO PROD	NWE	0	0	0.0%	0	-	0	0	0.0%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	0.0%	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL CRACK OPTIONS	CH	0	0	0.0%	0	0.0%	0	100	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	LB	0	135	-100.0%	10	-100.0%	750	1,703	-56.0%
HEATING OIL PHY	OH	23,794	32,353	-26.5%	28,188	-15.6%	239,503	256,399	-6.6%
HENRY HUB FINANCIAL LAST	E7	5,117	3,023	69.3%	6,477	-21.0%	32,365	28,383	14.0%
HO 1 MONTH CLNDR OPTIONS	FA	0	300	-100.0%	0	0.0%	0	1,600	-100.0%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	100	5,100	-98.0%
LLS CRUDE OIL	YVO	0	750	-100.0%	0	0.0%	0	750	-100.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	255	1,290	-80.2%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	30	-100.0%	1,905	0	0.0%
NATURAL GAS	G10	0	0	0.0%	0	0.0%	0	450	-100.0%

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Options									
NATURAL GAS 1 M CSO FIN	G4	30,645	12,625	142.7%	18,037	69.9%	286,327	296,445	-3.4%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	200	-100.0%	1,200	3,550	-66.2%
NATURAL GAS 3 M CSO FIN	G3	5,500	25,825	-78.7%	3,150	74.6%	43,546	106,250	-59.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	2,550	4,050	-37.0%
NATURAL GAS 6 M CSO FIN	G6	1,700	2,000	-15.0%	1,600	6.3%	70,950	38,820	82.8%
NATURAL GAS OPTION ON CALENDAR STRP	6J	1,000	600	66.7%	1,800	-44.4%	22,308	7,538	195.9%
NATURAL GAS PHY	KD	18,333	55,617	-67.0%	10,749	70.6%	167,913	292,785	-42.6%
NATURAL GAS PHY	LN	1,511,535	1,831,154	-17.5%	1,180,551	28.0%	13,652,416	17,679,972	-22.8%
NATURAL GAS PHY	ON	168,737	151,598	11.3%	136,509	23.6%	1,376,077	1,572,964	-12.5%
NATURAL GAS PHY	ON1	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS WINTER STRIP	6I	1,200	0	-	0	-	1,200	0	-
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	-	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	708	1,174	-39.7%	112	532.1%	1,780	4,030	-55.8%
NY HARBOR HEAT OIL SWP	AT	1,999	2,543	-21.4%	1,001	99.7%	20,187	27,691	-27.1%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	0.0%	0	19,830	-100.0%
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	0.0%	0	2,880	-100.0%
PETROCHEMICALS	4H	1,373	1,358	1.1%	475	189.1%	5,014	4,732	6.0%
PETROCHEMICALS	4J	0	275	-100.0%	0	0.0%	1,350	2,725	-50.5%
PETROCHEMICALS	4K	1,200	200	500.0%	1,900	-36.8%	3,300	400	725.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	0	18	-100.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO OUTRIGHT NA	DAP	0	0	-	0	0.0%	0	0	-
PJM MONTHLY	JO	0	0	0.0%	0	-	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	10	260	-96.2%	0	0.0%	320	3,810	-91.6%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0.0%	880	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	443	540	-18.0%	92	381.5%	6,857	12,625	-45.7%
RBOB 1MO CAL SPD OPTIONS	ZA	0	2,050	-100.0%	0	0.0%	700	4,058	-82.8%
RBOB CALENDAR SWAP	RA	0	225	-100.0%	0	0.0%	965	2,360	-59.1%
RBOB PHY	OB	8,825	40,951	-78.4%	8,850	-0.3%	92,312	219,799	-58.0%
RBOB PHY	RF	0	0	0.0%	0	0.0%	125	85	47.1%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	124	0	0.0%	336	-63.1%	1,882	1,980	-4.9%
SHORT TERM	U11	0	950	-100.0%	210	-100.0%	1,236	4,240	-70.8%
SHORT TERM	U12	0	0	0.0%	250	-100.0%	835	3,679	-77.3%

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Options									
SHORT TERM	U13	300	0	0.0%	0	0.0%	400	2,085	-80.8%
SHORT TERM	U14	50	750	-93.3%	0	0.0%	863	2,455	-64.8%
SHORT TERM	U15	20	490	-95.9%	0	0.0%	797	4,075	-80.4%
SHORT TERM	U22	30	0	0.0%	0	0.0%	1,221	1,577	-22.6%
SHORT TERM	U23	303	50	506.0%	15	1,920.0%	898	1,072	-16.2%
SHORT TERM	U24	453	600	-24.5%	0	0.0%	879	2,570	-65.8%
SHORT TERM	U25	0	90	-100.0%	0	0.0%	102	390	-73.8%
SHORT TERM	U26	0	0	0.0%	0	0.0%	300	292	2.7%
SHORT TERM NATURAL GAS	U01	0	1,025	-100.0%	0	0.0%	350	3,315	-89.4%
SHORT TERM NATURAL GAS	U02	3	500	-99.4%	0	0.0%	1,448	2,925	-50.5%
SHORT TERM NATURAL GAS	U03	104	100	4.0%	570	-81.8%	1,429	2,220	-35.6%
SHORT TERM NATURAL GAS	U04	650	140	364.3%	0	0.0%	1,600	870	83.9%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	810	3,225	-74.9%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	225	-100.0%	875	5,625	-84.4%
SHORT TERM NATURAL GAS	U07	0	150	-100.0%	0	0.0%	1,601	3,085	-48.1%
SHORT TERM NATURAL GAS	U08	2	485	-99.6%	0	0.0%	1,377	3,870	-64.4%
SHORT TERM NATURAL GAS	U09	0	900	-100.0%	800	-100.0%	1,534	3,600	-57.4%
SHORT TERM NATURAL GAS	U10	200	665	-69.9%	250	-20.0%	1,150	5,552	-79.3%
SHORT TERM NATURAL GAS	U16	0	1,550	-100.0%	103	-100.0%	700	3,670	-80.9%
SHORT TERM NATURAL GAS	U17	3	375	-99.2%	13	-76.9%	2,296	3,304	-30.5%
SHORT TERM NATURAL GAS	U18	0	550	-100.0%	0	0.0%	1,372	1,037	32.3%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	38	-100.0%	223	3,685	-93.9%
SHORT TERM NATURAL GAS	U20	365	0	0.0%	210	73.8%	875	2,805	-68.8%
SHORT TERM NATURAL GAS	U21	10	100	-90.0%	0	0.0%	363	1,899	-80.9%
SHORT TERM NATURAL GAS	U27	25	0	0.0%	0	0.0%	425	1,870	-77.3%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	100	1,605	-93.8%
SHORT TERM NATURAL GAS	U29	0	150	-100.0%	0	0.0%	460	410	12.2%
SHORT TERM NATURAL GAS	U30	0	365	-100.0%	0	0.0%	100	3,420	-97.1%
SHORT TERM NATURAL GAS	U31	2	100	-98.0%	0	0.0%	27	5,750	-99.5%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEND	N2	0	0	0.0%	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	20,030	31,718	-36.8%	35,065	-42.9%	739,797	269,192	174.8%
WTI CRUDE OIL 1 M CSO FI	7A	47,550	91,000	-47.7%	53,550	-11.2%	596,150	473,950	25.8%

NYMEX/COMEX Exchange Volume Report - Monthly

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Metals Futures									
COMEX GOLD	GC	6,274,162	6,808,814	-7.9%	7,231,169	-13.2%	57,852,452	45,142,647	28.2%
NYMEX HOT ROLLED STEEL	HR	17,235	7,316	135.6%	10,861	58.7%	84,045	38,498	118.3%
NYMEX PLATINUM	PL	412,710	394,884	4.5%	393,517	4.9%	3,628,422	3,028,451	19.8%
PALLADIUM	PA	176,108	164,153	7.3%	98,611	78.6%	1,005,343	1,008,745	-0.3%
URANIUM	UX	190	232	-18.1%	521	-63.5%	2,154	4,457	-51.7%
COMEX SILVER	SI	2,364,109	2,604,660	-9.2%	1,582,406	49.4%	16,945,446	15,550,531	9.0%
COMEX E-Mini GOLD	QO	7,762	6,863	13.1%	11,516	-32.6%	59,958	65,951	-9.1%
COMEX E-Mini SILVER	QI	1,210	795	52.2%	1,123	7.7%	9,776	7,194	35.9%
COMEX COPPER	HG	3,402,437	2,944,987	15.5%	2,833,195	20.1%	23,781,704	16,985,718	40.0%
COMEX MINY COPPER	QC	381	674	-43.5%	360	5.8%	3,921	6,153	-36.3%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	30	-100.0%
ALUMINUM	AEP	435	4,140	-89.5%	710	-38.7%	11,945	21,929	-45.5%
ALUMINUM	ALA	360	1,990	-81.9%	965	-62.7%	5,325	2,440	118.2%
ALUMINUM	ALI	0	53	-100.0%	0	0.0%	0	5,556	-100.0%
ALUMINUM	AUP	3,462	7,446	-53.5%	5,201	-33.4%	74,776	59,118	26.5%
ALUMINUM	CUP	0	0	-	0	0.0%	205	0	-
ALUMINUM	EDP	376	4,200	-91.0%	1,590	-76.4%	10,623	8,730	21.7%
ALUMINUM	MJP	1,060	1,710	-38.0%	520	103.8%	9,435	10,049	-6.1%
COPPER	HGS	500	433	15.5%	0	0.0%	11,139	1,418	685.5%
E-MICRO GOLD	MGC	164,142	107,277	53.0%	126,651	29.6%	1,070,839	713,349	50.1%
FERROUS PRODUCTS	BUS	1,980	220	800.0%	744	166.1%	13,179	750	1,657.2%
GOLD	GPS	0	0	0.0%	0	0.0%	0	1	-100.0%
Gold Kilo	GCK	0	294	-100.0%	0	0.0%	136	2,829	-95.2%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	1,770	-100.0%	0	0.0%	0	7,982	-100.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	5,152	7,147	-27.9%	4,842	6.4%	32,523	78,056	-58.3%
LNDN ZINC	ZNC	1,435	0	0.0%	1,538	-6.7%	4,266	85	4,918.8%
METALS	LED	0	0	0.0%	0	-	0	0	0.0%
SILVER	SIL	9,435	10,988	-14.1%	6,645	42.0%	60,622	47,805	26.8%
Metals Options									
COMEX COPPER	HX	28,755	10,432	175.6%	35,140	-18.2%	200,632	39,021	414.2%
COMEX GOLD	OG	1,266,404	999,947	26.6%	926,919	36.6%	7,968,402	6,571,389	21.3%
COMEX SILVER	SO	197,561	172,149	14.8%	143,979	37.2%	1,265,729	983,655	28.7%
COPPER	H1E	6	0	-	2	200.0%	8	0	-
COPPER	H2E	53	0	-	47	12.8%	107	0	-



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Metals Options									
COPPER	H3E	90	0	-	0	0.0%	95	0	-
COPPER	H4E	40	0	-	80	-50.0%	156	0	-
COPPER	H5E	12	0	-	0	-	12	0	-
GOLD	OG1	9,401	5,224	80.0%	15,397	-38.9%	84,216	24,417	244.9%
GOLD	OG2	9,186	7,405	24.1%	12,973	-29.2%	72,481	27,451	164.0%
GOLD	OG3	14,277	3,860	269.9%	14,126	1.1%	89,337	28,950	208.6%
GOLD	OG4	8,449	2,367	256.9%	7,159	18.0%	51,115	13,601	275.8%
GOLD	OG5	10,653	0	0.0%	0	0.0%	26,028	5,791	349.5%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	0.0%	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	4,750	-100.0%	0	0.0%	200	13,202	-98.5%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	4,500	-100.0%	0	0.0%	1,280	21,695	-94.1%
NIKKEI 225 (YEN) STOCK	H1E	10	0	-	11	-9.1%	21	0	-
NYMEX PLATINUM	PO	3,984	4,345	-8.3%	6,756	-41.0%	32,350	22,297	45.1%
PALLADIUM	PAO	3,329	13,455	-75.3%	2,055	62.0%	24,551	45,378	-45.9%
SILVER	SO1	691	19	3,536.8%	1,139	-39.3%	3,036	542	460.1%
SILVER	SO2	637	6	10,516.7%	581	9.6%	2,430	194	1,152.6%
SILVER	SO3	1,234	10	12,240.0%	1,507	-18.1%	4,508	577	681.3%
SILVER	SO4	377	0	0.0%	274	37.6%	1,627	114	1,327.2%
SILVER	SO5	911	0	0.0%	0	0.0%	2,092	3	69,633.3%
TOTAL FUTURES GROUP									
Ag Products Futures		2	3	-33.3%	0	0.0%	67	176	-61.9%
Energy Futures		39,639,789	58,099,638	-31.8%	40,835,855	-2.9%	377,032,360	381,506,072	-1.2%
Metals Futures		12,844,641	13,081,046	-1.8%	12,312,685	4.3%	104,678,234	82,798,472	26.4%
TOTAL FUTURES		52,484,432	71,180,687	-26.3%	53,148,540	-1.2%	481,710,661	464,304,720	3.7%
TOTAL OPTIONS GROUP									
Energy Options		5,164,182	6,058,462	-14.8%	5,105,011	1.2%	50,010,692	55,195,672	-9.4%
Metals Options		1,556,060	1,228,469	26.7%	1,168,145	33.2%	9,830,413	7,798,277	26.1%
TOTAL OPTIONS		6,720,242	7,286,931	-7.8%	6,273,156	7.1%	59,841,105	62,993,949	-5.0%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME AUG 2018	VOLUME AUG 2017	% CHG	VOLUME JUL 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
TOTAL COMBINED								
Ag Products	2	3	-33.3%	0	-	67	176	-61.9%
Energy	44,803,971	64,158,100	-30.2%	45,940,866	-2.5%	427,043,052	436,701,744	-2.2%
Metals	14,400,701	14,309,515	0.6%	13,480,830	6.8%	114,508,647	90,596,749	26.4%
GRAND TOTAL	59,204,674	78,467,618	-24.5%	59,421,696	-0.4%	541,551,766	527,298,669	2.7%