



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2019	VOLUME SEP 2018	% CHG	VOLUME AUG 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	0	0.0%	0	0.0%	8	5	60.0%
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
COTTON	TT	6	9	-33.3%	1	500.0%	36	13	176.9%
SUGAR 11	YO	0	0	0.0%	0	0.0%	10	58	-82.8%
Energy Futures									
CRUDE OIL PHY	CL	26,970,240	21,113,108	27.7%	27,901,738	-3.3%	229,773,573	231,626,849	-0.8%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	16,694	15,639	6.7%
MINY WTI CRUDE OIL	QM	606,380	298,906	102.9%	530,406	14.3%	4,345,418	2,989,238	45.4%
BRENT OIL LAST DAY	BZ	2,413,390	1,563,565	54.4%	2,263,777	6.6%	19,797,878	15,624,810	26.7%
HEATING OIL PHY	HO	3,916,689	3,440,127	13.9%	3,379,134	15.9%	30,613,399	34,555,990	-11.4%
HTG OIL	BH	0	0	0.0%	0	0.0%	96	84	14.3%
MINY HTG OIL	QH	3	7	-57.1%	3	0.0%	29	36	-19.4%
RBOB PHY	RB	4,111,649	3,900,976	5.4%	3,663,823	12.2%	38,995,807	37,629,144	3.6%
MINY RBOB GAS	QU	4	5	-20.0%	13	-69.2%	60	33	81.8%
NATURAL GAS	HP	158,004	129,912	21.6%	110,025	43.6%	1,034,408	1,019,948	1.4%
LTD NAT GAS	HH	330,254	385,679	-14.4%	220,673	49.7%	2,749,364	3,087,380	-10.9%
MINY NATURAL GAS	QG	44,528	24,447	82.1%	34,885	27.6%	270,597	227,602	18.9%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	9,893,314	9,776,577	1.2%	9,283,257	6.6%	73,125,527	79,921,567	-8.5%
RBOB GAS	RT	0	0	0.0%	0	0.0%	72	14,374	-99.5%
3.5% FUEL OIL CID MED SWA	7D	0	60	-100.0%	16	-100.0%	97	572	-83.0%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0.0%	20	95	-78.9%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
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%
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%
ANR OKLAHOMA	NE	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	3,047	12,328	-75.3%	720	323.2%	76,513	199,439	-61.6%
ARGUS PROPAN FAR EST INDE	7E	6,766	6,308	7.3%	6,872	-1.5%	56,619	52,095	8.7%
ARGUS PROPAN(SAUDI ARAMCO	9N	3,897	4,662	-16.4%	3,559	9.5%	27,360	25,216	8.5%



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Energy Futures									
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	0.0%	0	20	-100.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	448	100	348.0%	352	27.3%	1,763	285	518.6%
BRENT CALENDAR SWAP	CY	1,498	2,810	-46.7%	9,902	-84.9%	59,684	30,799	93.8%
BRENT CFD SWAP	6W	0	0	0.0%	0	0.0%	0	300	-100.0%
BRENT FINANCIAL FUTURES	BB	0	2,000	-100.0%	0	0.0%	7,000	16,264	-57.0%
BRENT FINANCIAL FUTURES	MBC	612	0	0.0%	450	36.0%	1,381	127	987.4%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	0	224	-100.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
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	0.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	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%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0.0%	0	36	-100.0%
CHICAGO ETHANOL SWAP	CU	104,382	85,728	21.8%	91,961	13.5%	945,857	889,595	6.3%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	740	630	17.5%	270	174.1%	5,224	3,750	39.3%
CHICAGO UNL GAS PL VS RBO	3C	200	0	0.0%	50	300.0%	1,370	950	44.2%
CIG BASIS	CI	0	0	0.0%	0	0.0%	0	196	-100.0%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	-	0	0	0.0%
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	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH PK	H5	378	982	-61.5%	424	-10.8%	4,672	10,992	-57.5%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0.0%	3,920	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	1,275	-100.0%	0	0.0%	325	1,505	-78.4%
COAL SWAP	ACM	0	45	-100.0%	0	0.0%	0	510	-100.0%
COAL SWAP	SSI	0	0	0.0%	0	-	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0.0%	364	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	-	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	489	127	285.0%	570	-14.2%	2,292	1,624	41.1%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	736	135	445.2%	760	-3.2%	4,292	2,671	60.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	12,554	13,861	-9.4%	14,126	-11.1%	135,374	144,405	-6.3%
CRUDE OIL	LPS	3,300	4,080	-19.1%	2,835	16.4%	25,960	41,935	-38.1%
CRUDE OIL OUTRIGHTS	42	604	367	64.6%	50	1,108.0%	3,705	2,262	63.8%
CRUDE OIL OUTRIGHTS	CC5	120	90	33.3%	120	0.0%	3,311	90	3,578.9%

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Energy Futures									
CRUDE OIL OUTRIGHTS	CPD	0	0	0.0%	0	0.0%	0	2,956	-100.0%
CRUDE OIL OUTRIGHTS	CSN	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	0	720	-100.0%	272	-100.0%	3,192	2,285	39.7%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0.0%	400	99	304.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	276	105	162.9%
CRUDE OIL OUTRIGHTS	HTT	55,218	29,964	84.3%	38,902	41.9%	513,864	437,532	17.4%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	30	-100.0%	3,168	320	890.0%
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	UMD	0	0	0.0%	0	0.0%	0	4,800	-100.0%
CRUDE OIL OUTRIGHTS	UNS	0	0	0.0%	0	0.0%	0	7,554	-100.0%
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCW	2,258	4,051	-44.3%	1,610	40.2%	36,162	60,361	-40.1%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	6,139	0	-	12,616	-51.3%	162,030	0	-
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	2,055	-100.0%
CRUDE OIL SPRDS	HIL	0	0	-	0	0.0%	720	0	-
CRUDE OIL SPRDS	WTT	16,185	29,978	-46.0%	13,150	23.1%	195,615	396,122	-50.6%
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%
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	0.0%
DATED TO FRONTLINE BRENT	FY	0	75	-100.0%	0	0.0%	1,000	3,210	-68.8%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	5	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
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%	0	126	-100.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	0	125	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	152	22,230	-99.3%	125	21.6%	17,815	37,132	-52.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	11,641	6,557	77.5%	9,459	23.1%	80,342	14,154	467.6%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	-	0	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0.0%	0	245	-100.0%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	20	187	-89.3%
EIA FLAT TAX ONHWAY DIESE	A5	596	863	-30.9%	119	400.8%	3,357	2,549	31.7%
ELEC ERCOT DLY OFF PK	14	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	13	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	17	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	12	0	0	0.0%	0	0.0%	0	19,600	-100.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC FINSETTLED	49	0	0	0.0%	0	-	0	0	0.0%
ELEC MISO PEAK	4L	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%
ELEC NYISO OFF-PEAK	4M	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%
ELECTRICITY ERCOT PEAK	ERE	0	0	0.0%	0	-	0	0	0.0%
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	-
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	-	0	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	0	0	0.0%	0	-	0	0	0.0%
ELEC WEST POWER PEAK	MDC	0	0	0.0%	0	-	0	0	0.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	0.0%	0	-	0	0	0.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	11	0	0	0.0%	0	0.0%	0	1,950	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	18	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	16	0	0	0.0%	0	0.0%	0	19,600	-100.0%
ERCOT NORTH ZMCPE 5MW PEAK	15	0	0	0.0%	0	0.0%	0	5,050	-100.0%
ETHANOL	MTH	0	0	-	0	0.0%	40	0	-
ETHANOL	Z1B	0	0	-	0	0.0%	0	0	-
ETHANOL SWAP	MT2	220	60	266.7%	20	1,000.0%	770	330	133.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,808	2,912	-3.6%	2,983	-5.9%	29,269	26,355	11.1%
EURO 1% FUEL OIL NEW BALM	KX	0	8	-100.0%	0	0.0%	3	33	-90.9%
EURO 3.5% FUEL OIL RDAM B	KR	156	110	41.8%	11	1,318.2%	458	5,277	-91.3%

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Energy Futures									
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0.0%	147	834	-82.4%
EURO-DENOMINATED PETRO PROD	NCP	0	0	0.0%	0	0.0%	0	640	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0.0%	0	370	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	63	0	0.0%	13	384.6%	526	366	43.7%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0.0%	0	3	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	0	60	-100.0%	18	-100.0%	385	828	-53.5%
EUROPE 3.5% FUEL OIL RDAM	UV	803	2,176	-63.1%	762	5.4%	8,838	70,557	-87.5%
EUROPEAN GASOIL (ICE)	7F	188	670	-71.9%	84	123.8%	1,004	4,321	-76.8%
EUROPEAN NAPHTHA BALMO	KZ	55	119	-53.8%	8	587.5%	1,398	2,408	-41.9%
EUROPEAN NAPHTHA CRACK SPR	EN	1,831	6,419	-71.5%	2,036	-10.1%	36,091	78,910	-54.3%
EUROPE DATED BRENT SWAP	UB	0	1,090	-100.0%	0	0.0%	1,633	1,090	49.8%
EUROPE JET KERO NWE CALSW	UJ	3	0	0.0%	0	0.0%	8	39	-79.5%
EUROPE NAPHTHA CALSWAP	UN	849	2,979	-71.5%	509	66.8%	16,242	30,288	-46.4%
EURO PROPANE CIF ARA SWA	PS	1,691	1,393	21.4%	1,671	1.2%	17,201	15,353	12.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	ACB	0	0	-	0	0.0%	420	0	-
FREIGHT MARKETS	FLP	24	216	-88.9%	242	-90.1%	1,409	1,283	9.8%
FREIGHT MARKETS	FRC	102	0	0.0%	90	13.3%	1,312	600	118.7%
FREIGHT MARKETS	FRS	0	0	0.0%	0	0.0%	70	0	0.0%
FREIGHT MARKETS	T2D	215	375	-42.7%	240	-10.4%	4,555	2,498	82.3%
FREIGHT MARKETS	TC6	0	0	0.0%	0	0.0%	0	240	-100.0%
FREIGHT MARKETS	TD3	0	0	0.0%	0	0.0%	140	30	366.7%
FREIGHT MARKETS	TD8	0	0	-	0	0.0%	60	0	-
FREIGHT MARKETS	USC	110	0	-	100	10.0%	270	0	-
FUEL OIL CRACK VS ICE	FO	1,401	1,168	19.9%	2,843	-50.7%	15,412	33,245	-53.6%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	15	171	-91.2%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	6	154	-96.1%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	0	120	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	13	140	-90.7%	10	30.0%	1,439	2,018	-28.7%
GAS EURO-BOB OXY NWE BARGES	7H	2,363	6,960	-66.0%	1,622	45.7%	46,822	69,108	-32.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	5,443	11,584	-53.0%	3,880	40.3%	72,388	164,316	-55.9%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0.0%	10	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	21	10	110.0%

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Energy Futures									
GASOIL 0.1 ROTTERDAM BARG	VL	35	195	-82.1%	0	0.0%	138	1,455	-90.5%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	-	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	39	12	225.0%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	-	0	0	0.0%
GASOIL CALENDAR SWAP	GX	6	0	0.0%	39	-84.6%	135	54	150.0%
GASOIL CRACK SPREAD CALEN	GZ	552	1,850	-70.2%	120	360.0%	5,666	37,402	-84.9%
GASOIL MINI CALENDAR SWAP	QA	414	270	53.3%	612	-32.4%	2,724	1,712	59.1%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	2,354	111	2,020.7%	1,913	23.1%	21,702	3,102	599.6%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	0	205	-100.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	300	-100.0%	300	425	-29.4%
GRP THREE ULSD(PLT)VS HEA	A6	4,333	4,200	3.2%	3,270	32.5%	32,598	31,918	2.1%
GRP THREE UNL GS (PLT) VS	A8	2,095	2,345	-10.7%	1,370	52.9%	23,282	18,122	28.5%
GULF COAST 3% FUEL OIL BA	VZ	2,229	271	722.5%	663	236.2%	7,830	11,737	-33.3%
GULF COAST JET FUEL CLNDR	GE	0	39	-100.0%	0	0.0%	267	1,195	-77.7%
GULF COAST JET VS NYM 2 H	ME	18,854	40,890	-53.9%	18,687	0.9%	189,951	342,498	-44.5%
GULF COAST NO.6 FUEL OIL	MF	22,691	32,342	-29.8%	21,075	7.7%	209,228	504,719	-58.5%
GULF COAST NO.6 FUEL OIL	MG	70	921	-92.4%	80	-12.5%	1,643	15,794	-89.6%
GULF COAST ULSD CALENDAR	LY	586	863	-32.1%	200	193.0%	3,628	2,888	25.6%
GULF COAST ULSD CRACK SPR	GY	360	0	0.0%	0	0.0%	360	1,295	-72.2%
HEATING OIL BALMO CLNDR S	1G	0	20	-100.0%	0	0.0%	565	243	132.5%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	0.0%	18	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	3,184	7,936	-59.9%	0	0.0%	15,610	15,430	1.2%
HENRY HUB FINANCIAL LAST	NBP	0	3,831	-100.0%	0	0.0%	0	26,296	-100.0%
HENRY HUB FINANCIAL LAST	TTE	0	30	-100.0%	0	0.0%	0	885	-100.0%
HENRY HUB INDEX SWAP FUTU	IN	3,184	7,936	-59.9%	0	0.0%	15,610	15,430	1.2%
HENRY HUB SWAP	NN	107,139	110,276	-2.8%	35,392	202.7%	921,817	1,517,332	-39.2%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	736	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	8,283	7,627	8.6%	2,030	308.0%	49,427	90,578	-45.4%
ICE GASOIL BALMO SWAP	U9	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%
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%
INDIANA MISO	PDD	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL ICI4	ICI	350	265	32.1%	205	70.7%	3,315	1,250	165.2%
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	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	27	-100.0%	196	1,689	-88.4%
JAPAN C&F NAPHTHA SWAP	JA	471	1,758	-73.2%	469	0.4%	9,623	18,247	-47.3%
JAPAN NAPHTHA BALMO SWAP	E6	5	28	-82.1%	39	-87.2%	333	526	-36.7%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	0.0%	0	5	-100.0%
JET CIF NWE VS ICE	JC	132	12	1,000.0%	30	340.0%	232	642	-63.9%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	-	0	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	132	0	0.0%	0	-	132	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	3,090	5,320	-41.9%	2,775	11.4%	37,178	53,077	-30.0%
JKM LNG Futures	JKM	855	796	7.4%	1,535	-44.3%	13,366	10,014	33.5%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	-	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	0	100	-100.0%	50	-100.0%	375	2,730	-86.3%
LA CARBOB GASOLINE(OPIS)S	JL	25	100	-75.0%	175	-85.7%	2,875	4,250	-32.4%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	-	0	0	0.0%
LA JET (OPIS) SWAP	JS	750	950	-21.1%	1,179	-36.4%	11,234	18,593	-39.6%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	607	-100.0%
LLS (ARGUS) VS WTI SWAP	WJ	575	4,750	-87.9%	60	858.3%	17,174	51,462	-66.6%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	0.0%	10	0	-
MARS (ARGUS) VS WTI SWAP	YX	800	785	1.9%	810	-1.2%	14,430	19,985	-27.8%
MARS (ARGUS) VS WTI TRD M	YV	12,327	9,945	24.0%	17,370	-29.0%	161,281	191,491	-15.8%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0.0%	0	2,319	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	33,149	24,612	34.7%	25,303	31.0%	269,006	217,680	23.6%
MCCLOSKEY RCH BAY COAL	MFF	1,921	2,243	-14.4%	1,375	39.7%	20,560	28,726	-28.4%
MGF FUT	MGF	0	0	0.0%	0	0.0%	0	218	-100.0%
MGN1 SWAP FUT	MGN	0	60	-100.0%	130	-100.0%	490	633	-22.6%
MICHIGAN BASIS	NF	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%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	99	238	-58.4%	532	-81.4%	1,975	3,189	-38.1%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	320	348	-8.0%	0	0.0%	3,820	3,383	12.9%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	829	1,982	-58.2%	639	29.7%	18,350	15,549	18.0%
MJC FUT	MJC	0	0	0.0%	0	0.0%	150	1,325	-88.7%

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Energy Futures									
MNC FUT	MNC	1,463	4,192	-65.1%	2,840	-48.5%	32,936	35,121	-6.2%
MONT BELVIEU ETHANE 5 DECIMAL	C0	21,568	22,944	-6.0%	19,218	12.2%	146,066	148,003	-1.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	85	195	-56.4%	60	41.7%	1,364	1,485	-8.1%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	138,491	112,962	22.6%	157,461	-12.0%	1,308,423	1,076,999	21.5%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,054	1,938	6.0%	2,746	-25.2%	26,871	23,551	14.1%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	10,886	8,955	21.6%	6,184	76.0%	73,905	72,888	1.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	595	125	376.0%	405	46.9%	5,724	3,351	70.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	58,118	36,686	58.4%	52,185	11.4%	424,314	309,135	37.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	917	921	-0.4%	1,533	-40.2%	11,594	9,522	21.8%
NAT GAS BASIS SWAP	TZ6	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%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	49,118	24,871	97.5%	23,866	105.8%	275,582	304,813	-9.6%
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	25,355	-100.0%	55,040	-100.0%	71,600	104,875	-31.7%
NEPOOL INTR HUB 5MW D AH	U6	0	6,640	-100.0%	0	0.0%	0	11,016	-100.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	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%
NEPOOL RHODE IL 5MW D AH	U5	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%
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	1,152	850	35.5%	272	323.5%	6,873	11,516	-40.3%
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	520	1,480	-64.9%	0	0.0%	1,760	1,880	-6.4%
NGPL TEX/OK	PD	120	2,280	-94.7%	0	0.0%	2,696	25,116	-89.3%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	150	425	-64.7%	0	0.0%	825	2,983	-72.3%
NORTHEN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VENTU	PF	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%

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Energy Futures									
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0.0%	3,106	0	0.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	59	-100.0%
NY1% VS GC SPREAD SWAP	VR	450	300	50.0%	704	-36.1%	4,297	13,233	-67.5%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	-	0	0	0.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	145	-100.0%	0	0.0%	775	1,795	-56.8%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	25	50	-50.0%
NY HARBOR HEAT OIL SWP	MP	1,589	1,062	49.6%	1,685	-5.7%	18,753	17,091	9.7%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	390	2,845	-86.3%
NY HARBOR RESIDUAL FUEL 1	MM	155	969	-84.0%	713	-78.3%	6,353	10,133	-37.3%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	0.0%	0	0	-
NYH NO 2 CRACK SPREAD CAL	HK	1,500	315	376.2%	390	284.6%	4,125	7,712	-46.5%
NYISO A	KA	0	0	0.0%	0	-	0	0	0.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	-	0	0	0.0%
NYISO CAPACITY	LHV	380	0	0.0%	0	0.0%	620	246	152.0%
NYISO CAPACITY	NNC	0	120	-100.0%	0	0.0%	0	735	-100.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0.0%	60	275	-78.2%
NYISO G	KG	0	0	0.0%	0	-	0	0	0.0%
NYISO G OFF-PEAK	KH	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	0	0.0%
NYISO ZONE A 5MW D AH PK	K3	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%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	55,040	-100.0%	101,424	600,854	-83.1%
NYISO ZONE G 5MW D AH PK	T3	0	1,510	-100.0%	0	0.0%	8,174	19,794	-58.7%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH PK	D3	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%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	0.0%	1,450	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	0	0	0.0%	100	-100.0%	1,595	213	648.8%
ONEOK OKLAHOMA NG BASIS	8X	1,860	1,240	50.0%	0	0.0%	1,860	2,704	-31.2%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	25	-100.0%	25	10	150.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	100	0	0.0%

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Energy Futures									
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	275	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	196	240	-18.3%	161	21.7%	1,523	1,546	-1.5%
PETROCHEMICALS	32	72	120	-40.0%	67	7.5%	930	1,474	-36.9%
PETROCHEMICALS	3NA	0	0	-	0	0.0%	49	0	-
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	77	23	234.8%
PETROCHEMICALS	8I	932	603	54.6%	845	10.3%	5,814	6,287	-7.5%
PETROCHEMICALS	91	716	485	47.6%	531	34.8%	4,454	3,672	21.3%
PETROCHEMICALS	HPE	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	MAA	0	0	0.0%	0	0.0%	280	50	460.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	MAE	540	260	107.7%	622	-13.2%	3,501	1,752	99.8%
PETROCHEMICALS	MAS	252	395	-36.2%	296	-14.9%	2,034	1,541	32.0%
PETROCHEMICALS	MBE	290	940	-69.1%	320	-9.4%	3,005	7,630	-60.6%
PETROCHEMICALS	MNB	344	1,298	-73.5%	118	191.5%	6,055	17,617	-65.6%
PETROCHEMICALS	MPS	309	120	157.5%	175	76.6%	2,067	1,010	104.7%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0.0%	50	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	50	0	0.0%	50	0.0%	332	509	-34.8%
PETRO CRCKS & SPRDS NA	CRB	6,460	5,560	16.2%	8,761	-26.3%	61,886	17,565	252.3%
PETRO CRCKS & SPRDS NA	EXR	1,113	2,957	-62.4%	1,261	-11.7%	22,555	25,827	-12.7%
PETRO CRCKS & SPRDS NA	FOC	300	1,050	-71.4%	150	100.0%	3,670	6,625	-44.6%
PETRO CRCKS & SPRDS NA	GBB	500	975	-48.7%	250	100.0%	5,718	11,310	-49.4%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0.0%	0	1,740	-100.0%
PETRO CRCKS & SPRDS NA	GCI	659	540	22.0%	1,064	-38.1%	11,418	13,087	-12.8%
PETRO CRCKS & SPRDS NA	GCM	300	0	0.0%	0	0.0%	300	163	84.0%
PETRO CRCKS & SPRDS NA	GCU	1,302	4,705	-72.3%	2,919	-55.4%	27,984	113,369	-75.3%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	100	40	150.0%
PETRO CRCKS & SPRDS NA	HOB	2,195	564	289.2%	5,820	-62.3%	16,657	8,597	93.8%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	4	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	75	0	0.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	-	0	0	0.0%

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Commodity		VOLUME SEP 2019	VOLUME SEP 2018	% CHG	VOLUME AUG 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	RBB	7,279	5,497	32.4%	2,278	219.5%	67,101	48,760	37.6%
PETRO CRCKS & SPRDS NA	RVG	10,128	10,750	-5.8%	8,580	18.0%	120,826	143,843	-16.0%
PETRO CRCKS & SPRDS NA	SF3	171	0	0.0%	190	-10.0%	1,055	321	228.7%
PETRO CRK&SPRD EURO	1NB	510	1,022	-50.1%	140	264.3%	10,083	16,833	-40.1%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO CRK&SPRD EURO	43	0	390	-100.0%	0	0.0%	155	3,369	-95.4%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	60	0	0.0%
PETRO CRK&SPRD EURO	BOB	1,034	633	63.3%	935	10.6%	5,076	15,365	-67.0%
PETRO CRK&SPRD EURO	EGB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EGN	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	25	-100.0%	0	0.0%	23	213	-89.2%
PETRO CRK&SPRD EURO	EPN	337	768	-56.1%	720	-53.2%	5,200	8,108	-35.9%
PETRO CRK&SPRD EURO	EVC	1,988	931	113.5%	578	243.9%	5,630	18,602	-69.7%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	0.0%	60	0	-
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	30	-100.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	100	-100.0%	517	680	-24.0%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	84	-100.0%
PETRO CRK&SPRD EURO	MGB	0	30	-100.0%	0	0.0%	120	110	9.1%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	30	-100.0%	110	163	-32.5%
PETRO CRK&SPRD EURO	NBB	0	10	-100.0%	0	0.0%	58	162	-64.2%
PETRO CRK&SPRD EURO	NOB	105	1,894	-94.5%	115	-8.7%	3,400	15,338	-77.8%
PETRO CRK&SPRD EURO	SFB	5	0	0.0%	0	0.0%	56	125	-55.2%
PETROLEUM PRODUCTS	1NM	30	0	-	65	-53.8%	738	0	-
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	EWG	525	6,571	-92.0%	575	-8.7%	20,530	42,524	-51.7%
PETROLEUM PRODUCTS	JCC	700	0	-	0	0.0%	720	0	-
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MGS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	NCC	10	0	-	0	-	10	0	-
PETROLEUM PRODUCTS	R5F	6	0	-	0	0.0%	15	0	-
PETROLEUM PRODUCTS	S53	24	0	-	27	-11.1%	51	0	-
PETROLEUM PRODUCTS	UP5	66	0	-	0	-	66	0	-
PETROLEUM PRODUCTS	VU	13	0	0.0%	142	-90.8%	390	1,044	-62.6%
PETROLEUM PRODUCTS ASIA	E6M	0	20	-100.0%	60	-100.0%	128	654	-80.4%

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Energy Futures									
PETROLEUM PRODUCTS ASIA	MJN	735	1,750	-58.0%	900	-18.3%	13,381	17,184	-22.1%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	20	-100.0%	20	0	0.0%
PETRO OUTFRIGHT EURO	0B	50	0	0.0%	73	-31.5%	291	84	246.4%
PETRO OUTFRIGHT EURO	0C	0	20	-100.0%	30	-100.0%	45	23	95.7%
PETRO OUTFRIGHT EURO	0D	1,510	1,118	35.1%	1,180	28.0%	12,642	11,889	6.3%
PETRO OUTFRIGHT EURO	0E	50	40	25.0%	0	0.0%	126	238	-47.1%
PETRO OUTFRIGHT EURO	0F	254	346	-26.6%	448	-43.3%	3,384	4,911	-31.1%
PETRO OUTFRIGHT EURO	1T	3	0	0.0%	0	0.0%	8	39	-79.5%
PETRO OUTFRIGHT EURO	33	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	5L	25	0	0.0%	0	0.0%	228	224	1.8%
PETRO OUTFRIGHT EURO	63	62	0	0.0%	0	0.0%	77	172	-55.2%
PETRO OUTFRIGHT EURO	6L	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	7I	75	317	-76.3%	0	0.0%	719	899	-20.0%
PETRO OUTFRIGHT EURO	7R	40	239	-83.3%	72	-44.4%	1,237	2,774	-55.4%
PETRO OUTFRIGHT EURO	88	0	0	0.0%	0	0.0%	25	105	-76.2%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	15	-100.0%	15	55	-72.7%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	20	0	0.0%
PETRO OUTFRIGHT EURO	CPB	153	127	20.5%	70	118.6%	2,000	3,136	-36.2%
PETRO OUTFRIGHT EURO	EFF	0	0	0.0%	56	-100.0%	172	116	48.3%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	0.0%	31	0	0.0%
PETRO OUTFRIGHT EURO	ENS	17	40	-57.5%	15	13.3%	163	145	12.4%
PETRO OUTFRIGHT EURO	ESB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	83	638	-87.0%	118	-29.7%	4,028	6,250	-35.6%
PETRO OUTFRIGHT EURO	FBD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	FLB	0	5	-100.0%	0	0.0%	6	5	20.0%
PETRO OUTFRIGHT EURO	GES	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO OUTFRIGHT EURO	H5G	144	0	-	0	0.0%	264	0	-
PETRO OUTFRIGHT EURO	M1B	458	0	-	0	-	458	0	-
PETRO OUTFRIGHT EURO	M35	19	0	-	0	-	19	0	-
PETRO OUTFRIGHT EURO	MBB	0	100	-100.0%	0	0.0%	0	271	-100.0%
PETRO OUTFRIGHT EURO	MBN	220	409	-46.2%	540	-59.3%	3,062	8,787	-65.2%
PETRO OUTFRIGHT EURO	MEF	456	408	11.8%	285	60.0%	3,139	423	642.1%
PETRO OUTFRIGHT EURO	R53	30	0	-	0	0.0%	84	0	-
PETRO OUTFRIGHT EURO	R5M	227	0	-	321	-29.3%	1,062	0	-
PETRO OUTFRIGHT EURO	R5O	933	0	-	116	704.3%	1,185	0	-
PETRO OUTFRIGHT EURO	S5F	18	0	-	23	-21.7%	41	0	-

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Energy Futures									
PETRO OUTFRIGHT EURO	S5M	201	0	-	380	-47.1%	811	0	-
PETRO OUTFRIGHT EURO	S5O	78	0	-	6	1,200.0%	84	0	-
PETRO OUTFRIGHT EURO	SMU	100	75	33.3%	0	0.0%	725	553	31.1%
PETRO OUTFRIGHT EURO	T0	0	0	0.0%	0	0.0%	0	9	-100.0%
PETRO OUTFRIGHT EURO	T2B	0	0	-	0	0.0%	15	0	-
PETRO OUTFRIGHT EURO	TMB	0	0	-	50	-100.0%	50	0	-
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	980	-100.0%
PETRO OUTFRIGHT EURO	X0	0	116	-100.0%	0	0.0%	0	116	-100.0%
PETRO OUTFRIGHT NA	FCB	0	152	-100.0%	0	0.0%	426	744	-42.7%
PETRO OUTFRIGHT NA	FOM	0	8	-100.0%	0	0.0%	0	8	-100.0%
PETRO OUTFRIGHT NA	JE	180	0	0.0%	0	0.0%	240	69	247.8%
PETRO OUTFRIGHT NA	JET	1,475	5,935	-75.1%	1,575	-6.3%	21,130	27,155	-22.2%
PETRO OUTFRIGHT NA	JTB	1,025	700	46.4%	475	115.8%	6,775	4,560	48.6%
PETRO OUTFRIGHT NA	MBL	204	0	0.0%	0	0.0%	204	40	410.0%
PETRO OUTFRIGHT NA	MEN	128	410	-68.8%	10	1,180.0%	1,454	3,978	-63.4%
PETRO OUTFRIGHT NA	MEO	1,005	2,539	-60.4%	1,119	-10.2%	21,057	32,708	-35.6%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	0.0%	295	100	195.0%
PETRO OUTFRIGHT NA	MMF	40	56	-28.6%	83	-51.8%	795	130	511.5%
PETRO OUTFRIGHT NA	NYT	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	XER	0	0	0.0%	0	0.0%	0	300	-100.0%
PJM AD HUB 5MW REAL TIME	V3	0	13,365	-100.0%	0	0.0%	117,180	41,397	183.1%
PJM AD HUB 5MW REAL TIME	Z9	0	420	-100.0%	0	0.0%	2,560	13,073	-80.4%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	-	0	0	0.0%
PJM AECO DA PEAK	Y1	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%
PJM APS ZONE DA PEAK	S4	0	0	0.0%	0	-	0	0	0.0%
PJM ATSI ELEC	MOD	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%
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	0	0.0%
PJM COMED 5MW D AH PK	D8	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%
PJM DAYTON DA OFF-PEAK	R7	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%

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Energy Futures									
PJM JCPL DA OFF-PEAK	F2	0	0	0.0%	0	-	0	0	0.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	-	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	2,560	-100.0%	3,845	5,100	-24.6%
PJM NI HUB 5MW REAL TIME	B6	0	5,925	-100.0%	46,640	-100.0%	70,000	5,925	1,081.4%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0.0%	0	22	-100.0%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	-	0	0.0%	0	0	-
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	-	0	0	0.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	-	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	0	23,400	-100.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	0	1,275	-100.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0.0%	0	101,810	-100.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0.0%	0	5,525	-100.0%
PJM WESTH RT OFF-PEAK	N9	0	15,920	-100.0%	0	0.0%	47,100	309,920	-84.8%
PJM WESTH RT PEAK	L1	2,186	10,666	-79.5%	0	0.0%	49,276	56,636	-13.0%
PLASTICS	PGP	690	140	392.9%	540	27.8%	6,410	3,155	103.2%
PREMIUM UNLND 10P FOB MED	3G	32	280	-88.6%	32	0.0%	837	2,313	-63.8%
PREMIUM UNLEAD 10PPM FOB	8G	74	35	111.4%	32	131.3%	139	438	-68.3%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	20	80	-75.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	5	140	-96.4%	0	0.0%	35	326	-89.3%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	742	621	19.5%	985	-24.7%	12,801	5,019	155.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	20,035	15,272	31.2%	11,081	80.8%	165,880	109,021	52.2%
RBOB CALENDAR SWAP	RL	5,128	5,274	-2.8%	3,707	38.3%	53,004	51,358	3.2%
RBOB CRACK SPREAD	RM	1,265	255	396.1%	150	743.3%	10,140	9,468	7.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	25	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	724	1,252	-42.2%	852	-15.0%	8,620	10,252	-15.9%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0.0%	75	1,975	-96.2%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0.0%	0	58	-100.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0.0%	0	360	-100.0%
SINGAPORE 180CST BALMO	BS	96	5	1,820.0%	20	380.0%	209	443	-52.8%
SINGAPORE 380CST BALMO	BT	83	132	-37.1%	123	-32.5%	799	1,940	-58.8%
SINGAPORE 380CST FUEL OIL	SE	2,108	5,841	-63.9%	2,234	-5.6%	26,245	78,162	-66.4%
SINGAPORE FUEL 180CST CAL	UA	32	357	-91.0%	185	-82.7%	2,264	7,554	-70.0%

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Energy Futures									
SINGAPORE FUEL OIL SPREAD	SD	100	170	-41.2%	60	66.7%	595	5,894	-89.9%
SINGAPORE GASOIL	MAF	2,449	575	325.9%	2,674	-8.4%	17,812	583	2,955.2%
SINGAPORE GASOIL	MTB	65	15	333.3%	62	4.8%	456	491	-7.1%
SINGAPORE GASOIL	MTS	2,759	4,118	-33.0%	4,878	-43.4%	34,034	42,241	-19.4%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	0	4,300	-100.0%
SINGAPORE GASOIL CALENDAR	GDH	0	0	0.0%	0	0.0%	0	50	-100.0%
SINGAPORE GASOIL CALENDAR	GDL	0	0	0.0%	0	0.0%	0	250	-100.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	0	0.0%	270	0	0.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	0.0%	0	200	-100.0%
SINGAPORE GASOIL CALENDAR	MSG	85	123	-30.9%	225	-62.2%	1,535	4,372	-64.9%
SINGAPORE GASOIL CALENDAR	SGG	0	0	0.0%	0	0.0%	0	325	-100.0%
SINGAPORE GASOIL SWAP	SG	427	9,250	-95.4%	819	-47.9%	8,742	44,943	-80.5%
SINGAPORE GASOIL VS ICE	GA	0	10,824	-100.0%	0	0.0%	4,490	118,040	-96.2%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	0	215	-100.0%
SINGAPORE JET KERO GASOIL	RK	0	2,675	-100.0%	0	0.0%	100	33,845	-99.7%
SINGAPORE JET KEROSENE SW	KS	425	3,015	-85.9%	275	54.5%	4,990	12,075	-58.7%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	0	400	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	25	370	-93.2%	0	0.0%	1,500	5,346	-71.9%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	2,385	11,958	-80.1%	1,592	49.8%	85,668	123,137	-30.4%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0.0%	0	200	-100.0%
SING FUEL	MSD	0	0	0.0%	0	0.0%	0	95	-100.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	-	0	0	0.0%
SONAT BASIS SWAP FUTURE	SZ	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%	0	91	-100.0%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	-	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	180	169	6.5%	91	97.8%	2,241	717	212.6%
TC5 RAS TANURA TO YOKOHAM	TH	840	105	700.0%	20	4,100.0%	3,341	345	868.4%
TCO BASIS SWAP	TC	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%
TD3 MEG TO JAPAN 250K MT	TL	8,334	745	1,018.7%	2,965	181.1%	46,280	9,400	392.3%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	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%
Tetco STX Basis	TX	0	0	0.0%	0	0.0%	0	0	0.0%

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Commodity		VOLUME SEP 2019	VOLUME SEP 2018	% CHG	VOLUME AUG 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
TEXAS EASTERN ZONE M-3 BA	NX	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%
Transco Zone 3 Basis	CZ	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%
TRANSCO ZONE4 BASIS SWAP	TR	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%
TRANSCO ZONE 6 BASIS SWAP	NZ	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%
UCM FUT	UCM	0	0	0.0%	0	0.0%	20	60	-66.7%
UK NBP NAT GAS CAL MTH FUT	UKG	1,210	5,342	-77.3%	1,170	3.4%	5,679	46,054	-87.7%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0.0%	0	14	-100.0%
ULSD 10PPM CIF NW BALMO S	B1	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	5,055	9,042	-44.1%	2,555	97.8%	45,225	49,404	-8.5%
UP DOWN GC ULSD VS NMX HO	LT	46,097	35,400	30.2%	43,125	6.9%	291,013	289,349	0.6%
WAHA BASIS	NW	0	0	0.0%	0	0.0%	650	3,201	-79.7%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	-	0	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0.0%	0	25	-100.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	35	-100.0%	1,449	6,650	-78.2%
WTI-BRENT CALENDAR SWAP	BK	34,379	46,550	-26.1%	32,180	6.8%	322,786	297,355	8.6%
WTI CALENDAR	CS	38,470	31,846	20.8%	22,528	70.8%	358,564	295,889	21.2%
WTS (ARGUS) VS WTI SWAP	FF	1,625	11,000	-85.2%	2,235	-27.3%	38,532	79,502	-51.5%
WTS (ARGUS) VS WTI TRD MT	FH	42	0	0.0%	1,560	-97.3%	6,535	5,385	21.4%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	0.0%	0	-	0	0	0.0%
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	0.0%	0	3,000	-100.0%
BRENT CALENDAR SWAP	BA	0	139	-100.0%	780	-100.0%	3,810	5,854	-34.9%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	0.0%	0	0.0%	0	2,000	-100.0%
BRENT CRUDE OIL 1 M CSO	9C	0	6,200	-100.0%	0	0.0%	35,190	392,038	-91.0%
BRENT CRUDE OIL 6 M CSO	9L	0	0	0.0%	0	0.0%	0	1,000	-100.0%
BRENT OIL LAST DAY	BE	18,287	5,420	237.4%	16,410	11.4%	331,976	266,332	24.6%
BRENT OIL LAST DAY	BZO	90,601	247,851	-63.4%	83,502	8.5%	878,652	1,291,896	-32.0%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	0	1,190	-100.0%
COAL API2 INDEX	CLA	5	740	-99.3%	0	0.0%	215	6,105	-96.5%

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Energy Options									
COAL API2 INDEX	CQA	75	0	0.0%	100	-25.0%	835	3,455	-75.8%
COAL API2 INDEX	MTC	0	0	0.0%	0	-	0	0	0.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0.0%	0	25	-100.0%
COAL API4 INDEX	RQA	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%
COAL SWAP	RPF	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL	6Y	0	0	-	0	0.0%	150	0	-
CRUDE OIL 1MO	WA	226,275	86,595	161.3%	221,175	2.3%	2,099,786	1,804,635	16.4%
CRUDE OIL APO	AO	32,964	43,146	-23.6%	32,588	1.2%	410,741	414,649	-0.9%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	200	170	17.6%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0.0%	960	0	0.0%
CRUDE OIL PHY	CD	0	300	-100.0%	150	-100.0%	1,300	19,350	-93.3%
CRUDE OIL PHY	LC	8,746	8,307	5.3%	8,447	3.5%	91,796	87,446	5.0%
CRUDE OIL PHY	LO	3,110,314	3,208,213	-3.1%	2,942,807	5.7%	24,865,969	31,380,154	-20.8%
CRUDE OIL PHY	LO1	14,055	13,353	5.3%	8,772	60.2%	135,291	124,238	8.9%
CRUDE OIL PHY	LO2	9,337	14,508	-35.6%	10,496	-11.0%	127,147	136,026	-6.5%
CRUDE OIL PHY	LO3	21,584	14,409	49.8%	4,133	422.2%	93,572	92,989	0.6%
CRUDE OIL PHY	LO4	21,121	17,766	18.9%	10,222	106.6%	145,860	136,788	6.6%
CRUDE OIL PHY	LO5	0	0	0.0%	9,850	-100.0%	48,114	49,705	-3.2%
ELEC MISO PEAK	9T	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0.0%	0	275	-100.0%
ETHANOL	CE3	0	0	0.0%	0	0.0%	0	150	-100.0%
ETHANOL SWAP	CVR	9,400	1,615	482.0%	22,538	-58.3%	100,326	59,426	68.8%
ETHANOL SWAP	GVR	0	450	-100.0%	0	0.0%	780	3,118	-75.0%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TDT	1,800	0	-	0	-	1,800	0	-
GASOLINE	GCE	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRACK OPTIONS	CH	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	175	0	0.0%	325	-46.2%	1,902	750	153.6%
HEATING OIL PHY	OH	28,571	24,946	14.5%	25,493	12.1%	257,860	264,449	-2.5%
HENRY HUB FINANCIAL LAST	E7	8,984	8,069	11.3%	2,673	236.1%	57,680	40,434	42.7%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	2,150	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	0	100	-100.0%

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Energy Options									
LLS CRUDE OIL	YVO	0	0	0.0%	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGV COAL	MTO	0	35	-100.0%	0	0.0%	130	290	-55.2%
MCCLOSKEY RCH BAY COAL	MFO	0	100	-100.0%	50	-100.0%	920	2,005	-54.1%
NATURAL GAS	G10	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	183,177	32,093	470.8%	144,150	27.1%	616,652	318,420	93.7%
NATURAL GAS 2 M CSO FIN	G2	1,500	200	650.0%	500	200.0%	5,625	1,400	301.8%
NATURAL GAS 3 M CSO FIN	G3	46,275	500	9,155.0%	59,350	-22.0%	224,625	44,046	410.0%
NATURAL GAS 5 M CSO FIN	G5	1,250	0	0.0%	500	150.0%	2,850	2,550	11.8%
NATURAL GAS 6 M CSO FIN	G6	6,450	7,650	-15.7%	5,550	16.2%	47,525	78,600	-39.5%
NATURAL GAS OPTION ON CALENDAR STRP	6J	3,040	1,064	185.7%	3,600	-15.6%	22,000	23,372	-5.9%
NATURAL GAS PHY	KD	6,461	13,722	-52.9%	7,371	-12.3%	30,678	181,635	-83.1%
NATURAL GAS PHY	LN	2,018,168	1,952,979	3.3%	1,383,739	45.8%	13,429,682	15,605,395	-13.9%
NATURAL GAS PHY	ON	126,016	190,825	-34.0%	105,884	19.0%	1,104,248	1,566,902	-29.5%
NATURAL GAS WINTER STRIP	6I	0	900	-100.0%	200	-100.0%	1,500	2,100	-28.6%
N ROCKIES PIPE SWAP	ZR	546	236	131.4%	546	0.0%	4,170	2,016	106.8%
NY HARBOR HEAT OIL SWP	AT	2,000	2,456	-18.6%	1,503	33.1%	18,987	22,643	-16.1%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4H	50	291	-82.8%	166	-69.9%	4,829	5,305	-9.0%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	200	1,350	-85.2%
PETROCHEMICALS	4K	400	0	0.0%	0	0.0%	560	3,300	-83.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	40	0	0.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	0.0%	24	0	-
PETRO OUTRIGHT NA	DAP	180	192	-6.3%	0	0.0%	420	192	118.8%
PJM WES HUB PEAK CAL MTH	6OA	20	130	-84.6%	0	0.0%	660	450	46.7%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0.0%	0	880	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	295	-100.0%	0	0.0%	836	7,152	-88.3%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	150	700	-78.6%
RBOB CALENDAR SWAP	RA	120	0	0.0%	0	0.0%	501	965	-48.1%
RBOB CRACK	RX	0	0	-	0	0.0%	0	0	-
RBOB PHY	OB	9,354	9,047	3.4%	11,309	-17.3%	135,444	101,359	33.6%
RBOB PHY	RF	0	0	0.0%	0	0.0%	1,624	125	1,199.2%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	0	236	-100.0%	1,092	-100.0%	2,970	2,118	40.2%

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Energy Options									
SHORT TERM	C15	0	0	-	0	0.0%	0	0	-
SHORT TERM	U11	0	0	0.0%	0	0.0%	700	1,236	-43.4%
SHORT TERM	U12	450	115	291.3%	230	95.7%	1,480	950	55.8%
SHORT TERM	U13	0	0	0.0%	0	0.0%	150	400	-62.5%
SHORT TERM	U14	0	0	0.0%	100	-100.0%	150	863	-82.6%
SHORT TERM	U15	0	0	0.0%	100	-100.0%	1,275	797	60.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	1	1,221	-99.9%
SHORT TERM	U23	0	0	0.0%	100	-100.0%	117	898	-87.0%
SHORT TERM	U24	0	0	0.0%	0	0.0%	250	879	-71.6%
SHORT TERM	U25	0	0	0.0%	0	0.0%	0	102	-100.0%
SHORT TERM	U26	100	100	0.0%	0	0.0%	100	400	-75.0%
SHORT TERM NATURAL GAS	U01	0	200	-100.0%	0	0.0%	525	550	-4.5%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	175	-100.0%	175	1,448	-87.9%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	100	-100.0%	704	1,429	-50.7%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	600	1,600	-62.5%
SHORT TERM NATURAL GAS	U05	0	610	-100.0%	50	-100.0%	250	1,420	-82.4%
SHORT TERM NATURAL GAS	U06	100	625	-84.0%	0	0.0%	505	1,500	-66.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	50	-100.0%	650	1,601	-59.4%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	1,850	-100.0%	2,450	1,377	77.9%
SHORT TERM NATURAL GAS	U09	300	0	0.0%	50	500.0%	600	1,534	-60.9%
SHORT TERM NATURAL GAS	U10	500	100	400.0%	0	0.0%	750	1,250	-40.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	50	-100.0%	250	700	-64.3%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	150	2,296	-93.5%
SHORT TERM NATURAL GAS	U18	0	100	-100.0%	0	0.0%	125	1,472	-91.5%
SHORT TERM NATURAL GAS	U19	0	25	-100.0%	100	-100.0%	100	248	-59.7%
SHORT TERM NATURAL GAS	U20	0	550	-100.0%	0	0.0%	300	1,425	-78.9%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	50	363	-86.2%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	0	425	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	425	100	325.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	100	-100.0%	100	460	-78.3%
SHORT TERM NATURAL GAS	U30	300	0	0.0%	100	200.0%	600	100	500.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	1,200	27	4,344.4%
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%
WTI-BRENT BULLET SWAP	BV	66,900	35,654	87.6%	97,950	-31.7%	510,930	775,451	-34.1%

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Energy Options									
WTI CRUDE OIL 1 M CSO FI	7A	21,550	39,700	-45.7%	45,825	-53.0%	452,670	635,850	-28.8%
Metals Futures									
COMEX GOLD	GC	8,582,865	5,495,646	56.2%	9,582,250	-10.4%	64,170,974	63,348,098	1.3%
NYMEX HOT ROLLED STEEL	HR	9,200	6,668	38.0%	5,113	79.9%	139,651	90,713	53.9%
NYMEX PLATINUM	PL	739,168	580,643	27.3%	496,003	49.0%	4,466,114	4,209,065	6.1%
PALLADIUM	PA	80,152	89,368	-10.3%	133,300	-39.9%	961,653	1,094,711	-12.2%
URANIUM	UX	1,217	1,298	-6.2%	0	0.0%	10,601	3,452	207.1%
COMEX SILVER	SI	2,579,873	1,648,326	56.5%	3,018,629	-14.5%	18,461,618	18,593,772	-0.7%
COMEX E-Mini GOLD	QO	32,339	11,095	191.5%	44,915	-28.0%	176,636	71,053	148.6%
COMEX E-Mini SILVER	QI	7,461	795	838.5%	7,551	-1.2%	41,384	10,571	291.5%
COMEX COPPER	HG	1,491,394	2,349,687	-36.5%	2,397,053	-37.8%	18,552,530	26,131,391	-29.0%
COMEX MINY COPPER	QC	743	260	185.8%	733	1.4%	6,088	4,181	45.6%
ALUMINUM	A38	0	0	0.0%	0	0.0%	22	0	0.0%
ALUMINUM	AEP	1,738	360	382.8%	2,675	-35.0%	15,543	12,305	26.3%
ALUMINUM	ALA	305	150	103.3%	15	1,933.3%	560	5,475	-89.8%
ALUMINUM	ALI	3,264	0	0.0%	3,118	4.7%	6,732	0	0.0%
ALUMINUM	AUP	4,593	3,983	15.3%	6,175	-25.6%	52,439	78,759	-33.4%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	0	205	-100.0%
ALUMINUM	EDP	98	1,098	-91.1%	1,716	-94.3%	16,668	11,721	42.2%
ALUMINUM	MJP	1,440	780	84.6%	1,260	14.3%	9,580	10,215	-6.2%
COPPER	HGS	1,007	1,096	-8.1%	181	456.4%	7,059	12,235	-42.3%
E-MICRO GOLD	MGC	722,659	166,039	335.2%	889,807	-18.8%	3,689,881	1,236,878	198.3%
FERROUS PRODUCTS	BUS	1,403	1,501	-6.5%	468	199.8%	10,206	14,680	-30.5%
GOLD	GPS	0	0	0.0%	0	-	0	0	0.0%
Gold Kilo	GCK	0	0	0.0%	0	0.0%	0	136	-100.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	2,944	438	572.1%	3,116	-5.5%	48,684	32,961	47.7%
LNDN ZINC	ZNC	0	1,677	-100.0%	0	0.0%	1,230	5,943	-79.3%
SILVER	SIL	57,038	7,226	689.3%	56,056	1.8%	231,906	67,848	241.8%
Metals Options									
COMEX COPPER	HX	58,578	38,861	50.7%	56,611	3.5%	538,542	239,493	124.9%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2019	VOLUME SEP 2018	% CHG	VOLUME AUG 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Metals Options									
COMEX GOLD	OG	1,442,620	749,608	92.4%	2,202,838	-34.5%	12,041,582	8,718,010	38.1%
COMEX SILVER	SO	325,453	151,172	115.3%	341,165	-4.6%	1,717,030	1,416,901	21.2%
COPPER	H1E	40	6	566.7%	172	-76.7%	368	35	951.4%
COPPER	H2E	42	6	600.0%	181	-76.8%	628	113	455.8%
COPPER	H3E	497	6	8,183.3%	40	1,142.5%	626	101	519.8%
COPPER	H4E	11	13	-15.4%	10	10.0%	126	169	-25.4%
COPPER	H5E	0	0	0.0%	77	-100.0%	97	12	708.3%
GOLD	OG1	59,270	10,868	445.4%	38,813	52.7%	364,759	95,084	283.6%
GOLD	OG2	47,380	8,112	484.1%	54,932	-13.7%	318,658	80,593	295.4%
GOLD	OG3	52,496	6,166	751.4%	45,472	15.4%	262,016	95,503	174.4%
GOLD	OG4	30,497	13,538	125.3%	34,113	-10.6%	182,841	64,653	182.8%
GOLD	OG5	0	0	0.0%	33,714	-100.0%	62,377	26,028	139.7%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	0.0%	900	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	40	0	0.0%	100	-60.0%	6,800	200	3,300.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	0.0%	3,600	1,280	181.3%
NYMEX PLATINUM	PO	3,464	4,848	-28.5%	3,236	7.0%	31,767	37,198	-14.6%
PALLADIUM	PAO	823	2,086	-60.5%	1,135	-27.5%	10,762	26,637	-59.6%
SILVER	SO1	4,896	738	563.4%	1,204	306.6%	16,712	3,774	342.8%
SILVER	SO2	5,021	738	580.4%	1,779	182.2%	14,451	3,168	356.2%
SILVER	SO3	2,823	850	232.1%	2,919	-3.3%	13,035	5,358	143.3%
SILVER	SO4	1,294	1,165	11.1%	587	120.4%	5,565	2,792	99.3%
SILVER	SO5	0	0	0.0%	2,166	-100.0%	4,033	2,092	92.8%
TOTAL FUTURES GROUP									
Ag Products Futures		6	9	-33.3%	1	500.0%	54	76	-28.9%
Energy Futures		49,445,734	41,758,592	18.4%	48,367,232	2.2%	410,384,068	418,790,952	-2.0%
Metals Futures		14,320,901	10,368,134	38.1%	16,650,134	-14.0%	111,077,759	115,046,368	-3.4%
TOTAL FUTURES		63,766,641	52,126,735	22.3%	65,017,367	-1.9%	521,461,881	533,837,396	-2.3%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME SEP 2019	VOLUME SEP 2018	% CHG	VOLUME AUG 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
TOTAL OPTIONS GROUP								
Energy Options	6,097,501	5,992,757	1.7%	5,272,901	15.6%	46,330,244	56,003,449	-17.3%
Metals Options	2,035,245	988,781	105.8%	2,821,264	-27.9%	15,597,275	10,819,194	44.2%
TOTAL OPTIONS	8,132,746	6,981,538	16.5%	8,094,165	0.5%	61,927,519	66,822,643	-7.3%
TOTAL COMBINED								
Ag Products	6	9	-33.3%	1	500.0%	54	76	-28.9%
Energy	55,543,235	47,751,349	16.3%	53,640,133	3.5%	456,714,312	474,794,401	-3.8%
Metals	16,356,146	11,356,915	44.0%	19,471,398	-16.0%	126,675,034	125,865,562	0.6%
GRAND TOTAL	71,899,387	59,108,273	21.6%	73,111,532	-1.7%	583,389,400	600,660,039	-2.9%