

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JAN 2019	VOLUME JAN 2018	% CHG	VOLUME DEC 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%	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	0.0%	0	0	0.0%
COTTON	TT	3	2	50.0%	1	200.0%	3	2	50.0%
SUGAR 11	YO	0	0	0.0%	0	0.0%	0	0	0.0%
Energy Futures									
CRUDE OIL PHY	CL	25,965,326	28,503,844	-8.9%	22,908,693	13.3%	25,965,326	28,503,844	-8.9%
CRUDE OIL	WS	3,470	589	489.1%	0	0.0%	3,470	589	489.1%
MINY WTI CRUDE OIL	QM	508,044	209,210	142.8%	617,691	-17.8%	508,044	209,210	142.8%
BRENT OIL LAST DAY	BZ	1,656,287	1,390,231	19.1%	1,660,914	-0.3%	1,656,287	1,390,231	19.1%
HEATING OIL PHY	HO	3,428,340	4,542,573	-24.5%	3,238,999	5.8%	3,428,340	4,542,573	-24.5%
HTG OIL	BH	0	0	0.0%	0	0.0%	0	0	0.0%
MINY HTG OIL	QH	3	4	-25.0%	3	0.0%	3	4	-25.0%
RBOB PHY	RB	3,927,869	4,290,537	-8.5%	3,404,701	15.4%	3,927,869	4,290,537	-8.5%
MINY RBOB GAS	QU	6	3	100.0%	4	50.0%	6	3	100.0%
NATURAL GAS	HP	129,737	248,909	-47.9%	93,506	38.7%	129,737	248,909	-47.9%
LTD NAT GAS	HH	372,513	561,042	-33.6%	394,322	-5.5%	372,513	561,042	-33.6%
MINY NATURAL GAS	QG	42,749	64,447	-33.7%	45,578	-6.2%	42,749	64,447	-33.7%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	9,169,760	14,188,642	-35.4%	7,851,274	16.8%	9,169,760	14,188,642	-35.4%
RBOB GAS	RT	0	4,420	-100.0%	0	0.0%	0	4,420	-100.0%
3.5% FUEL OIL CID MED SWA	7D	0	115	-100.0%	10	-100.0%	0	115	-100.0%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
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%
ARGUS LLS VS. WTI (ARG) T	E5	15,480	42,075	-63.2%	15,739	-1.6%	15,480	42,075	-63.2%
ARGUS PROPAN FAR EST INDE	7E	7,532	7,116	5.8%	3,071	145.3%	7,532	7,116	5.8%
ARGUS PROPAN(SAUDI ARAMCO	9N	3,516	2,451	43.5%	1,778	97.8%	3,516	2,451	43.5%



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Energy Futures									
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	0.0%	0	0	0.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT CALENDAR SWAP	CY	4,546	1,117	307.0%	1,588	186.3%	4,546	1,117	307.0%
BRENT CFD SWAP	6W	0	0	-	0	0.0%	0	0	-
BRENT FINANCIAL FUTURES	BB	3,500	0	0.0%	0	0.0%	3,500	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	0.0%	0	0	-
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	0	0	0.0%
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	0.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	0.0%	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0.0%	0	0	0.0%
CEU ENERGY	DEB	843	0	-	962	-12.4%	843	0	-
CEU ENERGY	TTF	3,669	480	664.4%	2,583	42.0%	3,669	480	664.4%
CEU ENERGY	UKG	1,175	54	2,075.9%	970	21.1%	1,175	54	2,075.9%
CHICAGO ETHANOL SWAP	CU	101,333	123,178	-17.7%	79,017	28.2%	101,333	123,178	-17.7%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	960	320	200.0%	831	15.5%	960	320	200.0%
CHICAGO UNL GAS PL VS RBO	3C	110	150	-26.7%	125	-12.0%	110	150	-26.7%
CIG BASIS	CI	0	0	0.0%	0	0.0%	0	0	0.0%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0.0%	0	0	0.0%
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	1,066	1,312	-18.8%	1,254	-15.0%	1,066	1,312	-18.8%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0.0%	0	0	0.0%
COAL SWAP	ACM	0	15	-100.0%	0	0.0%	0	15	-100.0%
COAL SWAP	SSI	0	0	0.0%	0	0.0%	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	214	-100.0%	0	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	159	26	511.5%	177	-10.2%	159	26	511.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	50	80	-37.5%	0	0.0%	50	80	-37.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	19,953	17,382	14.8%	11,614	71.8%	19,953	17,382	14.8%

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Energy Futures									
CRUDE OIL	LPS	4,050	6,910	-41.4%	4,400	-8.0%	4,050	6,910	-41.4%
CRUDE OIL OUTRIGHTS	42	1,209	176	586.9%	759	59.3%	1,209	176	586.9%
CRUDE OIL OUTRIGHTS	CC5	630	0	0.0%	225	180.0%	630	0	0.0%
CRUDE OIL OUTRIGHTS	CPD	0	1,832	-100.0%	0	0.0%	0	1,832	-100.0%
CRUDE OIL OUTRIGHTS	CSN	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	600	5	11,900.0%	45	1,233.3%	600	5	11,900.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	105	-100.0%	0	0.0%	0	105	-100.0%
CRUDE OIL OUTRIGHTS	HTT	47,253	77,283	-38.9%	25,623	84.4%	47,253	77,283	-38.9%
CRUDE OIL OUTRIGHTS	LSW	1,855	215	762.8%	0	0.0%	1,855	215	762.8%
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	UMD	0	800	-100.0%	0	0.0%	0	800	-100.0%
CRUDE OIL OUTRIGHTS	UNS	0	1,838	-100.0%	0	0.0%	0	1,838	-100.0%
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCW	14,967	11,490	30.3%	8,540	75.3%	14,967	11,490	30.3%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	21,561	0	-	14,546	48.2%	21,561	0	-
CRUDE OIL SPRDS	38	0	1,155	-100.0%	0	0.0%	0	1,155	-100.0%
CRUDE OIL SPRDS	WTT	21,415	98,571	-78.3%	15,275	40.2%	21,415	98,571	-78.3%
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	0.0%
DATED TO FRONTLINE BRENT	FY	600	810	-25.9%	0	0.0%	600	810	-25.9%

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Energy Futures									
DIESEL 10P BRG FOB RDM VS	7X	0	5	-100.0%	0	0.0%	0	5	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	0.0%	0	0	0.0%
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	0	0.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	5,340	4,825	10.7%	11,775	-54.6%	5,340	4,825	10.7%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0.0%	0	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	75	-100.0%	0	0.0%	0	75	-100.0%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	629	266	136.5%	203	209.9%	629	266	136.5%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	0.0%	0	0	-
ELEC ERCOT DLY PEAK	I3	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	I2	0	0	-	0	0.0%	0	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	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	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	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	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	0	0.0%	0	0.0%	0	0	0.0%
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	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	2,440	-100.0%	0	0.0%	0	2,440	-100.0%
ETHANOL	Z1B	0	0	-	5	-100.0%	0	0	-
ETHANOL SWAP	MT2	10	0	-	30	-66.7%	10	0	-
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,020	3,253	54.3%	2,355	113.2%	5,020	3,253	54.3%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	40	636	-93.7%	58	-31.0%	40	636	-93.7%

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Energy Futures									
EURO 3.5% FUEL OIL SPREAD	FK	0	100	-100.0%	20	-100.0%	0	100	-100.0%
EURO-DENOMINATED PETRO PROD	NCP	0	0	0.0%	0	0.0%	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	196	-100.0%	0	0.0%	0	196	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	90	144	-37.5%	24	275.0%	90	144	-37.5%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	155	115	34.8%	10	1,450.0%	155	115	34.8%
EUROPE 3.5% FUEL OIL RDAM	UV	1,885	7,926	-76.2%	1,607	17.3%	1,885	7,926	-76.2%
EUROPEAN GASOIL (ICE)	7F	128	126	1.6%	176	-27.3%	128	126	1.6%
EUROPEAN NAPHTHA BALMO	KZ	281	363	-22.6%	48	485.4%	281	363	-22.6%
EUROPEAN NAPHTHA CRACK SPR	EN	4,964	15,069	-67.1%	3,399	46.0%	4,964	15,069	-67.1%
EUROPE DATED BRENT SWAP	UB	506	0	0.0%	580	-12.8%	506	0	0.0%
EUROPE JET KERO NWE CALSW	UJ	0	15	-100.0%	0	0.0%	0	15	-100.0%
EUROPE NAPHTHA CALSWAP	UN	1,790	5,514	-67.5%	1,669	7.2%	1,790	5,514	-67.5%
EURO PROPANE CIF ARA SWA	PS	2,193	2,623	-16.4%	942	132.8%	2,193	2,623	-16.4%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLP	311	163	90.8%	348	-10.6%	311	163	90.8%
FREIGHT MARKETS	FRC	15	95	-84.2%	0	0.0%	15	95	-84.2%
FREIGHT MARKETS	FRS	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	T2D	1,680	468	259.0%	310	441.9%	1,680	468	259.0%
FREIGHT MARKETS	TC6	0	240	-100.0%	0	0.0%	0	240	-100.0%
FREIGHT MARKETS	TD3	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	TD8	0	0	-	0	0.0%	0	0	-
FUEL OIL CRACK VS ICE	FO	1,120	3,922	-71.4%	1,108	1.1%	1,120	3,922	-71.4%
FUEL OIL NWE CRACK VS ICE	FI	15	156	-90.4%	0	0.0%	15	156	-90.4%
FUEL OIL (PLATS) CAR CM	1W	0	99	-100.0%	0	0.0%	0	99	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	45	-100.0%	0	0.0%	0	45	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	165	398	-58.5%	424	-61.1%	165	398	-58.5%
GAS EURO-BOB OXY NWE BARGES	7H	8,570	10,311	-16.9%	4,650	84.3%	8,570	10,311	-16.9%
GAS EURO-BOB OXY NWE BARGES CRK	7K	10,653	31,038	-65.7%	8,075	31.9%	10,653	31,038	-65.7%
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%	0	0	0.0%
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	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	5	-100.0%	0	0.0%	0	5	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	12	25	-52.0%	10	20.0%	12	25	-52.0%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
GASOIL 10PPM VS ICE SWAP	TP	9	0	0.0%	9	0.0%	9	0	0.0%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	GX	6	0	0.0%	0	0.0%	6	0	0.0%
GASOIL CRACK SPREAD CALEN	GZ	0	13,825	-100.0%	1,188	-100.0%	0	13,825	-100.0%
GASOIL MINI CALENDAR SWAP	QA	341	402	-15.2%	120	184.2%	341	402	-15.2%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	0	0	0.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	0.0%	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	3,757	4,680	-19.7%	3,268	15.0%	3,757	4,680	-19.7%
GRP THREE UNL GS (PLT) VS	A8	3,484	2,227	56.4%	2,495	39.6%	3,484	2,227	56.4%
GULF COAST 3% FUEL OIL BA	VZ	1,489	3,287	-54.7%	446	233.9%	1,489	3,287	-54.7%
GULF COAST JET FUEL CLNDR	GE	216	63	242.9%	204	5.9%	216	63	242.9%
GULF COAST JET VS NYM 2 H	ME	17,577	45,595	-61.4%	16,525	6.4%	17,577	45,595	-61.4%
GULF COAST NO.6 FUEL OIL	MF	34,671	72,342	-52.1%	30,639	13.2%	34,671	72,342	-52.1%
GULF COAST NO.6 FUEL OIL	MG	390	1,841	-78.8%	936	-58.3%	390	1,841	-78.8%
GULF COAST ULSD CALENDAR	LY	593	380	56.1%	377	57.3%	593	380	56.1%
GULF COAST ULSD CRACK SPR	GY	0	750	-100.0%	0	0.0%	0	750	-100.0%
HEATING OIL BALMO CLNDR S	1G	0	19	-100.0%	0	0.0%	0	19	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	4,592	-100.0%	0	0.0%	0	4,592	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	1,201	-100.0%	0	0.0%	0	1,201	-100.0%
HENRY HUB FINANCIAL LAST	TTE	0	120	-100.0%	0	0.0%	0	120	-100.0%
HENRY HUB INDEX SWAP FUTU	IN	0	4,592	-100.0%	0	0.0%	0	4,592	-100.0%
HENRY HUB SWAP	NN	189,142	243,314	-22.3%	106,596	77.4%	189,142	243,314	-22.3%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	9,170	14,410	-36.4%	2,550	259.6%	9,170	14,410	-36.4%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	0.0%	0	0	0.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0.0%	0	0	0.0%
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	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	245	0	-	40	512.5%	245	0	-
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
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	320	-100.0%	0	0.0%	0	320	-100.0%
JAPAN C&F NAPHTHA SWAP	JA	1,402	2,594	-46.0%	829	69.1%	1,402	2,594	-46.0%
JAPAN NAPHTHA BALMO SWAP	E6	154	0	0.0%	9	1,611.1%	154	0	0.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	5	-100.0%	0	0.0%	0	5	-100.0%
JET CIF NWE VS ICE	JC	60	235	-74.5%	35	71.4%	60	235	-74.5%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	0	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0.0%	0	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	4,619	8,650	-46.6%	5,705	-19.0%	4,619	8,650	-46.6%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	85	200	-57.5%	192	-55.7%	85	200	-57.5%
LA CARBOB GASOLINE(OPIS)S	JL	800	1,150	-30.4%	160	400.0%	800	1,150	-30.4%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0.0%	0	0	0.0%
LA JET (OPIS) SWAP	JS	1,600	2,275	-29.7%	595	168.9%	1,600	2,275	-29.7%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	0.0%	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	4,178	4,235	-1.3%	1,195	249.6%	4,178	4,235	-1.3%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	0.0%	0	0	-
MARS (ARGUS) VS WTI SWAP	YX	2,750	7,710	-64.3%	25	10,900.0%	2,750	7,710	-64.3%
MARS (ARGUS) VS WTI TRD M	YV	34,209	55,220	-38.0%	13,300	157.2%	34,209	55,220	-38.0%
MARS BLEND CRUDE OIL	MB	0	660	-100.0%	0	0.0%	0	660	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	25,532	21,593	18.2%	11,531	121.4%	25,532	21,593	18.2%
MCCLOSKEY RCH BAY COAL	MFF	2,384	3,443	-30.8%	975	144.5%	2,384	3,443	-30.8%
MGF FUT	MGF	0	80	-100.0%	0	0.0%	0	80	-100.0%
MGN1 SWAP FUT	MGN	110	100	10.0%	110	0.0%	110	100	10.0%
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	457	366	24.9%	104	339.4%	457	366	24.9%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	876	120	630.0%	358	144.7%	876	120	630.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,676	1,900	-11.8%	835	100.7%	1,676	1,900	-11.8%
MJC FUT	MJC	40	330	-87.9%	0	0.0%	40	330	-87.9%
MNC FUT	MNC	3,617	3,589	0.8%	2,854	26.7%	3,617	3,589	0.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	19,267	26,071	-26.1%	17,112	12.6%	19,267	26,071	-26.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	470	250	88.0%	210	123.8%	470	250	88.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	134,794	157,457	-14.4%	79,687	69.2%	134,794	157,457	-14.4%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	6,194	6,605	-6.2%	2,956	109.5%	6,194	6,605	-6.2%

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Energy Futures									
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	7,361	12,763	-42.3%	5,810	26.7%	7,361	12,763	-42.3%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,216	595	104.4%	565	115.2%	1,216	595	104.4%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	39,984	27,616	44.8%	27,196	47.0%	39,984	27,616	44.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,798	1,601	12.3%	916	96.3%	1,798	1,601	12.3%
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	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PEN SWP	NP	29,073	67,626	-57.0%	32,241	-9.8%	29,073	67,626	-57.0%
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	61,920	-100.0%	0	0.0%	0	61,920	-100.0%
NEPOOL INTR HUB 5MW D AH	U6	0	3,195	-100.0%	0	0.0%	0	3,195	-100.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0.0%	0	0	0.0%
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	840	1,110	-24.3%	555	51.4%	840	1,110	-24.3%
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	840	400	110.0%	0	0.0%	840	400	110.0%
NGPL TEX/OK	PD	0	6,960	-100.0%	2,400	-100.0%	0	6,960	-100.0%
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	100	50	100.0%	150	-33.3%	100	50	100.0%
NORTHERN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHERN NATURAL GAS VENTU	PF	0	100	-100.0%	0	0.0%	0	100	-100.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	1,336	0	0.0%	0	0.0%	1,336	0	0.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	560	2,315	-75.8%	1,465	-61.8%	560	2,315	-75.8%
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	175	175	0.0%	110	59.1%	175	175	0.0%



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Energy Futures									
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	2,565	669	283.4%	1,677	53.0%	2,565	669	283.4%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	315	0	0.0%	0	0.0%	315	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	745	1,474	-49.5%	1,265	-41.1%	745	1,474	-49.5%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	0.0%	0	0	-
NYH NO 2 CRACK SPREAD CAL	HK	390	870	-55.2%	60	550.0%	390	870	-55.2%
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	180	120	50.0%	120	50.0%	180	120	50.0%
NYISO CAPACITY	NNC	0	30	-100.0%	0	0.0%	0	30	-100.0%
NYISO CAPACITY	NRS	60	0	0.0%	60	0.0%	60	0	0.0%
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	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	0.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	0	420	-100.0%	0	0.0%	0	420	-100.0%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0.0%	0	0	0.0%
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%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	342	0	0.0%	0	0.0%	342	0	0.0%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0.0%	0	0	0.0%
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%	0	10	-100.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	0	0	0.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	274	71	285.9%	139	97.1%	274	71	285.9%
PETROCHEMICALS	32	58	172	-66.3%	111	-47.7%	58	172	-66.3%

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Energy Futures									
PETROCHEMICALS	3NA	17	0	-	40	-57.5%	17	0	-
PETROCHEMICALS	51	0	3	-100.0%	0	0.0%	0	3	-100.0%
PETROCHEMICALS	8I	960	217	342.4%	133	621.8%	960	217	342.4%
PETROCHEMICALS	91	827	651	27.0%	220	275.9%	827	651	27.0%
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	JKM	525	265	98.1%	620	-15.3%	525	265	98.1%
PETROCHEMICALS	MAA	30	0	-	0	0.0%	30	0	-
PETROCHEMICALS	MAC	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAE	270	70	285.7%	216	25.0%	270	70	285.7%
PETROCHEMICALS	MAS	290	100	190.0%	170	70.6%	290	100	190.0%
PETROCHEMICALS	MBE	290	1,400	-79.3%	270	7.4%	290	1,400	-79.3%
PETROCHEMICALS	MNB	1,123	1,730	-35.1%	932	20.5%	1,123	1,730	-35.1%
PETROCHEMICALS	MPS	315	70	350.0%	109	189.0%	315	70	350.0%
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%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	390	-100.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	354	-100.0%	0	0.0%	0	354	-100.0%
PETRO CRCKS & SPRDS NA	CRB	8,400	615	1,265.9%	6,055	38.7%	8,400	615	1,265.9%
PETRO CRCKS & SPRDS NA	EXR	2,412	3,076	-21.6%	1,773	36.0%	2,412	3,076	-21.6%
PETRO CRCKS & SPRDS NA	FOC	650	200	225.0%	300	116.7%	650	200	225.0%
PETRO CRCKS & SPRDS NA	GBB	1,700	1,225	38.8%	2,035	-16.5%	1,700	1,225	38.8%
PETRO CRCKS & SPRDS NA	GCC	0	400	-100.0%	0	0.0%	0	400	-100.0%
PETRO CRCKS & SPRDS NA	GCI	1,770	3,263	-45.8%	347	410.1%	1,770	3,263	-45.8%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	4,582	15,246	-69.9%	8,077	-43.3%	4,582	15,246	-69.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	780	985	-20.8%	84	828.6%	780	985	-20.8%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	0.0%	0	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	10,657	6,063	75.8%	325	3,179.1%	10,657	6,063	75.8%
PETRO CRCKS & SPRDS NA	RVG	12,315	19,817	-37.9%	13,142	-6.3%	12,315	19,817	-37.9%
PETRO CRCKS & SPRDS NA	SF3	0	15	-100.0%	25	-100.0%	0	15	-100.0%
PETRO CRK&SPRD EURO	1NB	2,535	1,445	75.4%	410	518.3%	2,535	1,445	75.4%

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Commodity		VOLUME JAN 2019	VOLUME JAN 2018	% CHG	VOLUME DEC 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	43	0	468	-100.0%	0	0.0%	0	468	-100.0%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	681	2,316	-70.6%	437	55.8%	681	2,316	-70.6%
PETRO CRK&SPRD EURO	EGB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	EGN	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	88	-100.0%	0	0.0%	0	88	-100.0%
PETRO CRK&SPRD EURO	EPN	674	1,193	-43.5%	255	164.3%	674	1,193	-43.5%
PETRO CRK&SPRD EURO	EVC	675	2,609	-74.1%	504	33.9%	675	2,609	-74.1%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	0.0%	0	0	-
PETRO CRK&SPRD EURO	GCB	282	175	61.1%	325	-13.2%	282	175	61.1%
PETRO CRK&SPRD EURO	GOC	0	45	-100.0%	0	0.0%	0	45	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	MUD	10	20	-50.0%	0	0.0%	10	20	-50.0%
PETRO CRK&SPRD EURO	NBB	0	25	-100.0%	0	0.0%	0	25	-100.0%
PETRO CRK&SPRD EURO	NOB	655	2,212	-70.4%	684	-4.2%	655	2,212	-70.4%
PETRO CRK&SPRD EURO	SFB	30	0	0.0%	0	0.0%	30	0	0.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	EWG	3,635	8,107	-55.2%	2,812	29.3%	3,635	8,107	-55.2%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	MGS	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	135	0	0.0%	0	0.0%	135	0	0.0%
PETROLEUM PRODUCTS ASIA	E6M	30	40	-25.0%	0	0.0%	30	40	-25.0%
PETROLEUM PRODUCTS ASIA	MJN	1,727	3,529	-51.1%	1,400	23.4%	1,727	3,529	-51.1%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0B	0	20	-100.0%	20	-100.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	0C	5	0	0.0%	0	0.0%	5	0	0.0%
PETRO OUTRIGHT EURO	0D	1,346	1,041	29.3%	1,205	11.7%	1,346	1,041	29.3%
PETRO OUTRIGHT EURO	0E	18	0	0.0%	11	63.6%	18	0	0.0%
PETRO OUTRIGHT EURO	0F	265	525	-49.5%	439	-39.6%	265	525	-49.5%
PETRO OUTRIGHT EURO	1T	0	15	-100.0%	0	0.0%	0	15	-100.0%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	5L	52	10	420.0%	22	136.4%	52	10	420.0%
PETRO OUTRIGHT EURO	63	0	20	-100.0%	0	0.0%	0	20	-100.0%

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Energy Futures									
PETRO OUTFRIGHT EURO	6L	0	0.0%	0	0.0%	0	0	0.0%	
PETRO OUTFRIGHT EURO	7I	177	64	176.6%	0	0.0%	177	64	176.6%
PETRO OUTFRIGHT EURO	7R	181	374	-51.6%	77	135.1%	181	374	-51.6%
PETRO OUTFRIGHT EURO	88	0	50	-100.0%	0	0.0%	0	50	-100.0%
PETRO OUTFRIGHT EURO	CBB	0	20	-100.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	CGB	10	0	0.0%	0	0.0%	10	0	0.0%
PETRO OUTFRIGHT EURO	CPB	685	640	7.0%	155	341.9%	685	640	7.0%
PETRO OUTFRIGHT EURO	EFF	65	0	0.0%	0	0.0%	65	0	0.0%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	ENS	0	10	-100.0%	5	-100.0%	0	10	-100.0%
PETRO OUTFRIGHT EURO	ESB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	705	1,174	-39.9%	599	17.7%	705	1,174	-39.9%
PETRO OUTFRIGHT EURO	FBD	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	FLB	6	0	-	0	0.0%	6	0	-
PETRO OUTFRIGHT EURO	GES	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT EURO	MBB	0	40	-100.0%	0	0.0%	0	40	-100.0%
PETRO OUTFRIGHT EURO	MBN	366	1,275	-71.3%	1,044	-64.9%	366	1,275	-71.3%
PETRO OUTFRIGHT EURO	MEF	333	0	-	312	6.7%	333	0	-
PETRO OUTFRIGHT EURO	S5M	20	0	-	0	-	20	0	-
PETRO OUTFRIGHT EURO	SMU	0	78	-100.0%	0	0.0%	0	78	-100.0%
PETRO OUTFRIGHT EURO	T0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	T2B	15	0	-	0	-	15	0	-
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	V0	0	480	-100.0%	0	0.0%	0	480	-100.0%
PETRO OUTFRIGHT EURO	X0	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT NA	FCB	0	128	-100.0%	0	0.0%	0	128	-100.0%
PETRO OUTFRIGHT NA	FOM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT NA	JE	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT NA	JET	1,925	1,890	1.9%	1,720	11.9%	1,925	1,890	1.9%
PETRO OUTFRIGHT NA	JTB	725	500	45.0%	450	61.1%	725	500	45.0%
PETRO OUTFRIGHT NA	MBL	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT NA	MEN	279	101	176.2%	94	196.8%	279	101	176.2%
PETRO OUTFRIGHT NA	MEO	2,751	4,098	-32.9%	1,405	95.8%	2,751	4,098	-32.9%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT NA	MMF	71	8	787.5%	40	77.5%	71	8	787.5%
PETRO OUTFRIGHT NA	NYT	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
PETRO OUTRIGHT NA	XER	0	0	-	0	0.0%	0	0	-
PJM AD HUB 5MW REAL TIME	V3	23,400	0	0.0%	7,440	214.5%	23,400	0	0.0%
PJM AD HUB 5MW REAL TIME	Z9	1,275	5,100	-75.0%	840	51.8%	1,275	5,100	-75.0%
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	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%
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	5,100	-100.0%	840	-100.0%	0	5,100	-100.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0.0%	0	0	0.0%
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	0.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	46,800	-100.0%	0	0.0%	0	46,800	-100.0%
PJM WESTHDA PEAK	J4	0	2,550	-100.0%	0	0.0%	0	2,550	-100.0%
PJM WESTH RT OFF-PEAK	N9	23,400	46,800	-50.0%	20,040	16.8%	23,400	46,800	-50.0%
PJM WESTH RT PEAK	L1	2,603	12,650	-79.4%	2,860	-9.0%	2,603	12,650	-79.4%
PLASTICS	PGP	1,477	332	344.9%	537	175.0%	1,477	332	344.9%
PREMIUM UNLND 10P FOB MED	3G	358	263	36.1%	320	11.9%	358	263	36.1%
PREMIUM UNLEAD 10PPM FOB	8G	0	85	-100.0%	0	0.0%	0	85	-100.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	20	0	0.0%	0	0.0%	20	0	0.0%



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Energy Futures									
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	15	0	0.0%	40	-62.5%	15	0	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2,768	260	964.6%	1,817	52.3%	2,768	260	964.6%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	16,791	5,536	203.3%	11,666	43.9%	16,791	5,536	203.3%
RBOB CALENDAR SWAP	RL	4,857	4,148	17.1%	3,201	51.7%	4,857	4,148	17.1%
RBOB CRACK SPREAD	RM	675	1,615	-58.2%	75	800.0%	675	1,615	-58.2%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	660	226	192.0%	509	29.7%	660	226	192.0%
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	400	-100.0%	0	0.0%	0	400	-100.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	XX	0	0	-	0	0.0%	0	0	-
SINGAPORE 180CST BALMO	BS	10	60	-83.3%	16	-37.5%	10	60	-83.3%
SINGAPORE 380CST BALMO	BT	20	55	-63.6%	160	-87.5%	20	55	-63.6%
SINGAPORE 380CST FUEL OIL	SE	4,336	6,330	-31.5%	3,863	12.2%	4,336	6,330	-31.5%
SINGAPORE FUEL 180CST CAL	UA	266	729	-63.5%	201	32.3%	266	729	-63.5%
SINGAPORE FUEL OIL SPREAD	SD	112	275	-59.3%	75	49.3%	112	275	-59.3%
SINGAPORE GASOIL	MAF	1,559	0	-	2,695	-42.2%	1,559	0	-
SINGAPORE GASOIL	MTB	37	72	-48.6%	61	-39.3%	37	72	-48.6%
SINGAPORE GASOIL	MTS	4,724	4,471	5.7%	2,935	61.0%	4,724	4,471	5.7%
SINGAPORE GASOIL	STZ	0	3,775	-100.0%	0	0.0%	0	3,775	-100.0%
SINGAPORE GASOIL CALENDAR	GDH	0	50	-100.0%	0	0.0%	0	50	-100.0%
SINGAPORE GASOIL CALENDAR	GDL	0	250	-100.0%	0	0.0%	0	250	-100.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	9	-100.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MGO	0	110	-100.0%	21	-100.0%	0	110	-100.0%
SINGAPORE GASOIL CALENDAR	MSG	260	3,639	-92.9%	250	4.0%	260	3,639	-92.9%
SINGAPORE GASOIL CALENDAR	SGG	0	225	-100.0%	0	0.0%	0	225	-100.0%
SINGAPORE GASOIL SWAP	SG	1,988	12,359	-83.9%	2,085	-4.7%	1,988	12,359	-83.9%
SINGAPORE GASOIL VS ICE	GA	1,265	31,000	-95.9%	1,325	-4.5%	1,265	31,000	-95.9%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE JET KERO GASOIL	RK	100	7,980	-98.7%	525	-81.0%	100	7,980	-98.7%
SINGAPORE JET KEROSENE SW	KS	740	1,050	-29.5%	175	322.9%	740	1,050	-29.5%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	25	-100.0%	0	0.0%	0	25	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	100	655	-84.7%	296	-66.2%	100	655	-84.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	14,770	23,449	-37.0%	10,126	45.9%	14,770	23,449	-37.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	0.0%	0	0	-

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Energy Futures									
SING FUEL	MSD	0	0	0.0%	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0.0%	0	0	0.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0.0%	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0.0%	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0.0%	0	0	0.0%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	120	120	0.0%	0	0.0%	120	120	0.0%
TC5 RAS TANURA TO YOKOHAM	TH	370	55	572.7%	480	-22.9%	370	55	572.7%
TCO BASIS SWAP	TC	0	0	0.0%	856	-100.0%	0	0	0.0%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	4,195	279	1,403.6%	3,125	34.2%	4,195	279	1,403.6%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0.0%	0	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0.0%	0	0	0.0%
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	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	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	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	0.0%
UCM FUT	UCM	0	30	-100.0%	20	-100.0%	0	30	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0.0%	0	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	9	-100.0%	0	0.0%	0	9	-100.0%
ULSD 10PPM CIF NW BALMO S	B1	0	0	0.0%	0	0.0%	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	8,540	6,570	30.0%	3,600	137.2%	8,540	6,570	30.0%
UP DOWN GC ULSD VS NMX HO	LT	36,475	51,816	-29.6%	20,772	75.6%	36,475	51,816	-29.6%
WAHA BASIS	NW	125	1,398	-91.1%	250	-50.0%	125	1,398	-91.1%
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%	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	600	0	0.0%	0	0.0%	600	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	20,325	51,971	-60.9%	13,439	51.2%	20,325	51,971	-60.9%
WTI CALENDAR	CS	29,538	47,620	-38.0%	25,795	14.5%	29,538	47,620	-38.0%

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Commodity		VOLUME JAN 2019	VOLUME JAN 2018	% CHG	VOLUME DEC 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
WTS (ARGUS) VS WTI SWAP	FF	8,118	10,830	-25.0%	2,574	215.4%	8,118	10,830	-25.0%
WTS (ARGUS) VS WTI TRD MT	FH	1,360	0	0.0%	120	1,033.3%	1,360	0	0.0%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT 1 MONTH CAL	AA	0	0	-	0	0.0%	0	0	-
BRENT CALENDAR SWAP	BA	0	1,140	-100.0%	3,000	-100.0%	0	1,140	-100.0%
BRENT CRUDE OIL 12 M CSO	9Y	0	2,000	-100.0%	0	0.0%	0	2,000	-100.0%
BRENT CRUDE OIL 1 M CSO	9C	15,000	0	-	12,000	25.0%	15,000	0	-
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	0.0%	0	0	-
BRENT OIL LAST DAY	BE	44,549	500	8,809.8%	64,882	-31.3%	44,549	500	8,809.8%
BRENT OIL LAST DAY	BZO	103,764	95,629	8.5%	98,552	5.3%	103,764	95,629	8.5%
BRENT OIL LAST DAY	OS	0	40	-100.0%	100	-100.0%	0	40	-100.0%
COAL API2 INDEX	CLA	0	610	-100.0%	50	-100.0%	0	610	-100.0%
COAL API2 INDEX	CQA	175	150	16.7%	0	0.0%	175	150	16.7%
COAL API2 INDEX	MTC	0	0	0.0%	0	0.0%	0	0	0.0%
COAL API4 INDEX	RLA	0	25	-100.0%	0	0.0%	0	25	-100.0%
COAL API4 INDEX	RQA	0	60	-100.0%	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 1MO	WA	339,800	234,475	44.9%	179,500	89.3%	339,800	234,475	44.9%
CRUDE OIL APO	AO	16,217	63,565	-74.5%	47,949	-66.2%	16,217	63,565	-74.5%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	0.0%	0	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	825	0	0.0%	0	0.0%	825	0	0.0%
CRUDE OIL PHY	CD	0	1,400	-100.0%	500	-100.0%	0	1,400	-100.0%
CRUDE OIL PHY	LC	7,106	16,965	-58.1%	20,051	-64.6%	7,106	16,965	-58.1%
CRUDE OIL PHY	LO	2,488,788	3,801,260	-34.5%	3,227,028	-22.9%	2,488,788	3,801,260	-34.5%
CRUDE OIL PHY	LO1	18,963	15,772	20.2%	19,355	-2.0%	18,963	15,772	20.2%
CRUDE OIL PHY	LO2	16,144	15,061	7.2%	738	2,087.5%	16,144	15,061	7.2%
CRUDE OIL PHY	LO3	7,422	15,679	-52.7%	25,872	-71.3%	7,422	15,679	-52.7%
CRUDE OIL PHY	LO4	9,864	14,111	-30.1%	18,466	-46.6%	9,864	14,111	-30.1%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0.0%	0	0	0.0%



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Commodity		VOLUME JAN 2019	VOLUME JAN 2018	% CHG	VOLUME DEC 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Options									
ETHANOL	CE1	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL	CE3	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	5,505	10,150	-45.8%	3,712	48.3%	5,505	10,150	-45.8%
ETHANOL SWAP	GVR	600	180	233.3%	405	48.1%	600	180	233.3%
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	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	LB	0	0	0.0%	1,048	-100.0%	0	0	0.0%
HEATING OIL PHY	OH	31,051	33,126	-6.3%	37,381	-16.9%	31,051	33,126	-6.3%
HENRY HUB FINANCIAL LAST	E7	10,335	9,019	14.6%	4,495	129.9%	10,335	9,019	14.6%
HO 1 MONTH CLNDR OPTIONS	FA	1,000	0	0.0%	0	0.0%	1,000	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	0	0	0.0%
LLS CRUDE OIL	YVO	0	0	0.0%	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	130	0	0.0%	0	0.0%	130	0	0.0%
MCCLOSKEY RCH BAY COAL	MFO	0	300	-100.0%	0	0.0%	0	300	-100.0%
NATURAL GAS	G10	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	115,500	145,867	-20.8%	78,539	47.1%	115,500	145,867	-20.8%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	G3	0	1,001	-100.0%	0	0.0%	0	1,001	-100.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	G6	8,475	14,650	-42.2%	6,350	33.5%	8,475	14,650	-42.2%
NATURAL GAS OPTION ON CALENDAR STRP	6J	900	11,004	-91.8%	2,980	-69.8%	900	11,004	-91.8%
NATURAL GAS PHY	KD	2,300	41,958	-94.5%	1,045	120.1%	2,300	41,958	-94.5%
NATURAL GAS PHY	LN	2,289,941	4,215,461	-45.7%	1,724,856	32.8%	2,289,941	4,215,461	-45.7%
NATURAL GAS PHY	ON	183,254	403,801	-54.6%	148,156	23.7%	183,254	403,801	-54.6%
NATURAL GAS WINTER STRIP	6I	0	0	-	0	0.0%	0	0	-
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	2,247	2,143	4.9%	3,680	-38.9%	2,247	2,143	4.9%
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	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4H	225	1,188	-81.1%	0	0.0%	225	1,188	-81.1%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Options									
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	24	0	-	0	-	24	0	-
PETRO OUTRIGHT NA	DAP	0	0	0.0%	240	-100.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	60	-100.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	440	1,538	-71.4%	0	0.0%	440	1,538	-71.4%
RBOB 1MO CAL SPD OPTIONS	ZA	150	0	0.0%	0	0.0%	150	0	0.0%
RBOB CALENDAR SWAP	RA	180	0	0.0%	225	-20.0%	180	0	0.0%
RBOB CRACK	RX	0	0	-	0	0.0%	0	0	-
RBOB PHY	OB	8,182	15,193	-46.1%	8,808	-7.1%	8,182	15,193	-46.1%
RBOB PHY	RF	0	0	0.0%	0	0.0%	0	0	0.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	C15	0	0	-	0	0.0%	0	0	-
SHORT TERM	U11	0	300	-100.0%	0	0.0%	0	300	-100.0%
SHORT TERM	U12	0	100	-100.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U13	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U14	50	0	0.0%	0	0.0%	50	0	0.0%
SHORT TERM	U15	200	0	0.0%	0	0.0%	200	0	0.0%
SHORT TERM	U22	0	1,025	-100.0%	0	0.0%	0	1,025	-100.0%
SHORT TERM	U23	0	180	-100.0%	0	0.0%	0	180	-100.0%
SHORT TERM	U24	0	100	-100.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U25	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U01	500	125	300.0%	0	0.0%	500	125	300.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U03	0	130	-100.0%	0	0.0%	0	130	-100.0%
SHORT TERM NATURAL GAS	U04	0	250	-100.0%	0	0.0%	0	250	-100.0%
SHORT TERM NATURAL GAS	U05	0	25	-100.0%	0	0.0%	0	25	-100.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U07	100	0	0.0%	0	0.0%	100	0	0.0%
SHORT TERM NATURAL GAS	U08	0	900	-100.0%	0	0.0%	0	900	-100.0%
SHORT TERM NATURAL GAS	U09	100	51	96.1%	0	0.0%	100	51	96.1%
SHORT TERM NATURAL GAS	U10	0	100	-100.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U16	100	400	-75.0%	0	0.0%	100	400	-75.0%
SHORT TERM NATURAL GAS	U17	0	220	-100.0%	0	0.0%	0	220	-100.0%

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Commodity		VOLUME JAN 2019	VOLUME JAN 2018	% CHG	VOLUME DEC 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U18	0	500	-100.0%	0	0.0%	0	500	-100.0%
SHORT TERM NATURAL GAS	U19	0	60	-100.0%	0	0.0%	0	60	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	250	-100.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	100	-100.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U29	0	100	-100.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U30	0	100	-100.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U31	850	25	3,300.0%	450	88.9%	850	25	3,300.0%
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	86,155	106,878	-19.4%	17,585	389.9%	86,155	106,878	-19.4%
WTI CRUDE OIL 1 M CSO FI	7A	60,450	76,550	-21.0%	26,900	124.7%	60,450	76,550	-21.0%
Metals Futures									
COMEX GOLD	GC	6,245,811	9,161,874	-31.8%	4,132,009	51.2%	6,245,811	9,161,874	-31.8%
NYMEX HOT ROLLED STEEL	HR	21,700	10,435	108.0%	7,205	201.2%	21,700	10,435	108.0%
NYMEX PLATINUM	PL	362,449	444,074	-18.4%	498,165	-27.2%	362,449	444,074	-18.4%
PALLADIUM	PA	107,039	98,800	8.3%	74,888	42.9%	107,039	98,800	8.3%
URANIUM	UX	1,558	650	139.7%	714	118.2%	1,558	650	139.7%
COMEX SILVER	SI	1,526,267	2,186,615	-30.2%	1,300,620	17.3%	1,526,267	2,186,615	-30.2%
COMEX E-Mini GOLD	QO	6,242	8,131	-23.2%	4,651	34.2%	6,242	8,131	-23.2%
COMEX E-Mini SILVER	QI	833	1,001	-16.8%	847	-1.7%	833	1,001	-16.8%
COMEX COPPER	HG	2,015,902	2,761,224	-27.0%	1,406,137	43.4%	2,015,902	2,761,224	-27.0%
COMEX MINY COPPER	QC	475	682	-30.4%	262	81.3%	475	682	-30.4%
ALUMINUM	A38	22	0	0.0%	40	-45.0%	22	0	0.0%
ALUMINUM	AEP	3,709	240	1,445.4%	1,491	148.8%	3,709	240	1,445.4%
ALUMINUM	ALA	0	795	-100.0%	0	0.0%	0	795	-100.0%
ALUMINUM	ALI	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AUP	9,538	12,586	-24.2%	3,434	177.8%	9,538	12,586	-24.2%
ALUMINUM	CUP	0	85	-100.0%	0	0.0%	0	85	-100.0%
ALUMINUM	EDP	1,162	600	93.7%	634	83.3%	1,162	600	93.7%
ALUMINUM	MJP	45	720	-93.8%	780	-94.2%	45	720	-93.8%



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Metals Futures									
COPPER	HGS	831	3,853	-78.4%	1,031	-19.4%	831	3,853	-78.4%
E-MICRO GOLD	MGC	208,804	142,636	46.4%	155,462	34.3%	208,804	142,636	46.4%
FERROUS PRODUCTS	BUS	985	1,467	-32.9%	1,200	-17.9%	985	1,467	-32.9%
GOLD	GPS	0	0	0.0%	0	0.0%	0	0	0.0%
Gold Kilo	GCK	0	4	-100.0%	0	0.0%	0	4	-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	13,271	3,178	317.6%	1,581	739.4%	13,271	3,178	317.6%
LNDN ZINC	ZNC	567	29	1,855.2%	582	-2.6%	567	29	1,855.2%
SILVER	SIL	15,354	6,212	147.2%	10,730	43.1%	15,354	6,212	147.2%
Metals Options									
COMEX COPPER	HX	50,531	20,087	151.6%	25,537	97.9%	50,531	20,087	151.6%
COMEX GOLD	OG	1,027,600	957,530	7.3%	970,905	5.8%	1,027,600	957,530	7.3%
COMEX SILVER	SO	158,184	158,284	-0.1%	114,737	37.9%	158,184	158,284	-0.1%
COPPER	H1E	6	0	-	16	-62.5%	6	0	-
COPPER	H2E	12	0	-	6	100.0%	12	0	-
COPPER	H3E	6	0	-	6	0.0%	6	0	-
COPPER	H4E	6	0	-	6	0.0%	6	0	-
COPPER	H5E	0	0	-	0	0.0%	0	0	-
GOLD	OG1	11,905	12,416	-4.1%	14,809	-19.6%	11,905	12,416	-4.1%
GOLD	OG2	15,334	10,430	47.0%	16,226	-5.5%	15,334	10,430	47.0%
GOLD	OG3	14,557	10,945	33.0%	18,762	-22.4%	14,557	10,945	33.0%
GOLD	OG4	7,649	7,228	5.8%	9,772	-21.7%	7,649	7,228	5.8%
GOLD	OG5	0	0	0.0%	0	0.0%	0	0	0.0%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	120	0	0.0%	0	0.0%	120	0	0.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	180	-100.0%	0	0.0%	0	180	-100.0%
NYMEX PLATINUM	PO	4,267	4,704	-9.3%	2,553	67.1%	4,267	4,704	-9.3%
PALLADIUM	PAO	1,330	3,213	-58.6%	845	57.4%	1,330	3,213	-58.6%
SILVER	SO1	1,401	23	5,991.3%	239	486.2%	1,401	23	5,991.3%
SILVER	SO2	430	6	7,066.7%	590	-27.1%	430	6	7,066.7%
SILVER	SO3	859	10	8,490.0%	1,718	-50.0%	859	10	8,490.0%
SILVER	SO4	140	53	164.2%	567	-75.3%	140	53	164.2%
SILVER	SO5	0	0	0.0%	0	0.0%	0	0	0.0%



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Commodity	VOLUME JAN 2019	VOLUME JAN 2018	% CHG	VOLUME DEC 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
TOTAL FUTURES GROUP								
Ag Products Futures	3	2	50.0%	1	200.0%	3	2	50.0%
Energy Futures	46,409,618	55,890,948	-17.0%	41,017,589	13.1%	46,409,618	55,890,948	-17.0%
Metals Futures	10,542,564	14,845,891	-29.0%	7,602,463	38.7%	10,542,564	14,845,891	-29.0%
TOTAL FUTURES	56,952,185	70,736,841	-19.5%	48,620,053	17.1%	56,952,185	70,736,841	-19.5%
TOTAL OPTIONS GROUP								
Energy Options	5,877,561	9,373,140	-37.3%	5,785,308	1.6%	5,877,561	9,373,140	-37.3%
Metals Options	1,294,337	1,185,109	9.2%	1,177,294	9.9%	1,294,337	1,185,109	9.2%
TOTAL OPTIONS	7,171,898	10,558,249	-32.1%	6,962,602	3.0%	7,171,898	10,558,249	-32.1%
TOTAL COMBINED								
Ag Products	3	2	50.0%	1	200.0%	3	2	50.0%
Energy	52,287,179	65,264,088	-19.9%	46,802,897	11.7%	52,287,179	65,264,088	-19.9%
Metals	11,836,901	16,031,000	-26.2%	8,779,757	34.8%	11,836,901	16,031,000	-26.2%
GRAND TOTAL	64,124,083	81,295,090	-21.1%	55,582,655	15.4%	64,124,083	81,295,090	-21.1%