



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2018	VOLUME APR 2017	% CHG	VOLUME MAR 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Ag Products Futures									
COCOA TAS	CJ	5	3	66.7%	0	0.0%	5	53	-90.6%
COFFEE	KT	0	20	-100.0%	0	0.0%	0	20	-100.0%
COTTON	TT	0	1	-100.0%	0	0.0%	2	4	-50.0%
SUGAR 11	YO	58	0	0.0%	0	0.0%	58	18	222.2%
Energy Futures									
CRUDE OIL PHY	CL	27,977,113	21,225,392	31.8%	25,003,466	11.9%	108,268,119	90,599,954	19.5%
CRUDE OIL	WS	0	0	0.0%	500	-100.0%	4,339	27,923	-84.5%
MINY WTI CRUDE OIL	QM	353,922	190,045	86.2%	308,522	14.7%	1,187,255	915,347	29.7%
BRENT OIL LAST DAY	BZ	1,968,424	1,839,759	7.0%	1,821,117	8.1%	6,854,722	7,794,559	-12.1%
HEATING OIL PHY	HO	4,066,332	3,091,738	31.5%	3,715,839	9.4%	16,150,962	13,244,389	21.9%
HTG OIL	BH	48	48	0.0%	0	0.0%	48	48	0.0%
MINY HTG OIL	QH	3	1	200.0%	3	0.0%	13	11	18.2%
RBOB PHY	RB	4,067,357	3,721,629	9.3%	3,992,862	1.9%	16,165,793	16,284,120	-0.7%
MINY RBOB GAS	QU	3	3	0.0%	2	50.0%	12	20	-40.0%
NATURAL GAS	HP	96,932	127,770	-24.1%	101,560	-4.6%	590,902	600,880	-1.7%
LTD NAT GAS	HH	263,806	229,914	14.7%	308,387	-14.5%	1,497,128	1,156,963	29.4%
MINY NATURAL GAS	QG	17,849	20,689	-13.7%	19,941	-10.5%	132,978	125,238	6.2%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	120	-100.0%
NATURAL GAS PHY	NG	8,409,203	7,911,186	6.3%	7,287,487	15.4%	38,339,460	34,543,134	11.0%
RBOB GAS	RT	2,128	1,598	33.2%	1,920	10.8%	13,328	6,658	100.2%
3.5% FUEL OIL CID MED SWA	7D	48	0	0.0%	39	23.1%	397	847	-53.1%
3.5% FUEL OIL CIF BALMO S	8D	90	50	80.0%	0	0.0%	90	170	-47.1%
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	20,000	7,270	175.1%	18,572	7.7%	109,415	29,445	271.6%
ARGUS PROPAN FAR EST INDE	7E	7,863	1,108	609.7%	7,284	7.9%	28,003	5,470	411.9%

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Energy Futures									
ARGUS PROPAN(SAUDI ARAMCO	9N	3,575	855	318.1%	2,877	24.3%	11,554	4,217	174.0%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	0.0%	0	0	-
AUSTRIALIAN COKE COAL	ALW	0	97	-100.0%	0	0.0%	0	916	-100.0%
BRENT BALMO SWAP	J9	0	113	-100.0%	0	0.0%	50	138	-63.8%
BRENT CALENDAR SWAP	CY	4,548	1,018	346.8%	796	471.4%	7,550	11,567	-34.7%
BRENT CFD SWAP	6W	0	0	-	300	-100.0%	300	0	-
BRENT FINANCIAL FUTURES	BB	0	74	-100.0%	6,500	-100.0%	10,500	11,356	-7.5%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MDB	144	0	0.0%	0	0.0%	144	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	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	294	-100.0%	0	0.0%	0	2,559	-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	204	0	-	501	-59.3%	2,076	0	-
CEU ENERGY	TTF	1,015	0	-	1,230	-17.5%	3,420	0	-
CEU ENERGY	UKG	5,215	0	-	5,150	1.3%	14,930	0	-
CHICAGO ETHANOL SWAP	CU	105,967	107,926	-1.8%	111,301	-4.8%	436,962	497,763	-12.2%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	78	101	-22.8%	180	-56.7%	1,152	782	47.3%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	225	-100.0%	525	0	0.0%
CIG BASIS	CI	56	0	0.0%	0	0.0%	196	186	5.4%
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	45,440	-100.0%	0	0.0%	0	182,680	-100.0%
CIN HUB 5MW D AH PK	H5	1,100	4,440	-75.2%	1,056	4.2%	4,604	10,105	-54.4%
CIN HUB 5MW REAL TIME O P	H4	0	91,160	-100.0%	0	0.0%	0	226,200	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	5,500	-100.0%	0	0.0%	0	20,000	-100.0%
COAL SWAP	ACM	35	245	-85.7%	135	-74.1%	185	910	-79.7%
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	0	0.0%
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	0	0.0%



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Energy Futures									
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	48	203	-76.4%	48	0.0%	548	1,054	-48.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	150	840	-82.1%	110	36.4%	340	3,269	-89.6%
CONWAY PROPANE 5 DECIMALS SWAP	8K	15,943	6,317	152.4%	17,872	-10.8%	62,576	32,694	91.4%
CRUDE OIL	CHB	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL	LPS	4,530	3,350	35.2%	5,000	-9.4%	19,455	14,270	36.3%
CRUDE OIL OUTRIGHTS	37	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	42	367	3,007	-87.8%	241	52.3%	906	3,532	-74.3%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0.0%	0	150	-100.0%
CRUDE OIL OUTRIGHTS	CPD	100	0	-	324	-69.1%	2,956	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	0.0%	0	0.0%	0	30	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	375	-100.0%	0	0.0%	5	880	-99.4%
CRUDE OIL OUTRIGHTS	DBL	16	100	-84.0%	24	-33.3%	40	600	-93.3%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	0	100	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	105	110	-4.5%
CRUDE OIL OUTRIGHTS	HTT	41,900	11,775	255.8%	35,996	16.4%	193,664	36,646	428.5%
CRUDE OIL OUTRIGHTS	LSW	60	30	100.0%	0	0.0%	290	30	866.7%
CRUDE OIL OUTRIGHTS	SSW	0	105	-100.0%	0	0.0%	0	120	-100.0%
CRUDE OIL OUTRIGHTS	UMD	700	0	-	900	-22.2%	4,700	0	-
CRUDE OIL OUTRIGHTS	UNS	500	0	-	2,538	-80.3%	6,054	0	-
CRUDE OIL OUTRIGHTS	WCC	0	2,625	-100.0%	0	0.0%	0	23,547	-100.0%
CRUDE OIL OUTRIGHTS	WCW	10,209	3,725	174.1%	14,222	-28.2%	42,061	3,845	993.9%
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%	1,155	0	0.0%
CRUDE OIL SPRDS	WTT	42,804	8,784	387.3%	36,801	16.3%	221,374	25,054	783.6%
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%

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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	0	0.0%
DATED TO FRONTLINE BRENT	FY	600	335	79.1%	400	50.0%	2,660	4,145	-35.8%
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	-
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	3,171	-100.0%	0	0.0%	0	38,996	-100.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	125	-100.0%	125	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	1,184	4,000	-70.4%	758	56.2%	8,944	29,204	-69.4%
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	30	200	-85.0%	15	100.0%	150	3,214	-95.3%
EAST/WEST FUEL OIL SPREAD	EW	20	244	-91.8%	12	66.7%	157	1,140	-86.2%
EIA FLAT TAX ONHWAY DIESE	A5	226	501	-54.9%	86	162.8%	666	3,183	-79.1%
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	19,600	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	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	-
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%
EL PASO PERMIAN INDEX SWA	IL	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	0.0%	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	-	630	-100.0%	1,510	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	19,600	0	0.0%	0	0.0%	19,600	0	0.0%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	0.0%	630	-100.0%	4,610	830	455.4%
ETHANOL SWAP	MT2	20	0	-	10	100.0%	30	0	-
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,404	3,555	-4.2%	3,198	6.4%	12,531	14,860	-15.7%
EURO 1% FUEL OIL NEW BALM	KX	0	5	-100.0%	0	0.0%	5	10	-50.0%
EURO 3.5% FUEL OIL RDAM B	KR	724	355	103.9%	449	61.2%	2,430	2,281	6.5%
EURO 3.5% FUEL OIL SPREAD	FK	191	220	-13.2%	171	11.7%	482	1,864	-74.1%
EURO-DENOMINATED PETRO PROD	NCP	0	440	-100.0%	0	0.0%	0	1,340	-100.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	8	-100.0%	355	198	79.3%
EUROPE 1% FUEL OIL NWE CA	UF	45	145	-69.0%	90	-50.0%	303	545	-44.4%
EUROPE 1% FUEL OIL RDAM C	UH	0	6	-100.0%	0	0.0%	0	16	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	111	60	85.0%	99	12.1%	610	1,094	-44.2%
EUROPE 3.5% FUEL OIL RDAM	UV	11,803	6,271	88.2%	8,226	43.5%	32,694	38,781	-15.7%
EUROPEAN GASOIL (ICE)	7F	728	2,095	-65.3%	400	82.0%	1,662	11,099	-85.0%
EUROPEAN NAPHTHA BALMO	KZ	203	389	-47.8%	214	-5.1%	1,099	1,534	-28.4%
EUROPEAN NAPHTHA CRACK SPR	EN	8,422	5,224	61.2%	6,483	29.9%	37,345	28,955	29.0%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	0	416	-100.0%
EUROPE JET KERO NWE CALSW	UJ	0	12	-100.0%	0	0.0%	15	48	-68.8%
EUROPE NAPHTHA CALSWAP	UN	2,392	2,615	-8.5%	2,235	7.0%	13,660	10,924	25.0%
EURO PROPANE CIF ARA SWA	PS	1,649	906	82.0%	1,979	-16.7%	8,389	4,835	73.5%
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	44	60	-26.7%	234	-81.2%	492	345	42.6%
FREIGHT MARKETS	FRC	0	0	-	55	-100.0%	185	0	-
FREIGHT MARKETS	FRS	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	T2D	540	0	-	0	0.0%	1,028	0	-
FREIGHT MARKETS	TC6	0	0	-	0	0.0%	240	0	-
FUEL OIL CRACK VS ICE	FO	3,932	2,781	41.4%	7,229	-45.6%	18,514	15,149	22.2%
FUEL OIL NWE CRACK VS ICE	FI	15	0	0.0%	0	0.0%	171	0	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	50	-100.0%	154	0	0.0%
FUEL OIL (PLATS) CAR CN	1X	27	0	0.0%	0	0.0%	72	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	251	167	50.3%	273	-8.1%	1,225	1,135	7.9%

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GAS EURO-BOB OXY NWE BARGES	7H	5,819	7,766	-25.1%	7,271	-20.0%	29,289	31,384	-6.7%
GAS EURO-BOB OXY NWE BARGES CRK	7K	23,151	16,439	40.8%	21,980	5.3%	93,111	82,580	12.8%
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%	10	-100.0%	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	0	120	-100.0%	0	0.0%	5	120	-95.8%
GASOIL 0.1 ROTTERDAM BARG	VL	320	5	6,300.0%	5	6,300.0%	365	45	711.1%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	-	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	5	-100.0%	12	-100.0%	12	460	-97.4%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	GX	0	15	-100.0%	6	-100.0%	12	33	-63.6%
GASOIL CRACK SPREAD CALEN	GZ	1,495	8,585	-82.6%	2,084	-28.3%	24,012	32,668	-26.5%
GASOIL MINI CALENDAR SWAP	QA	110	78	41.0%	0	0.0%	536	655	-18.2%
GASOLINE UP-DOWN BALMO SW	1K	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	115	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	3,974	5,111	-22.2%	2,530	57.1%	16,294	11,506	41.6%
GRP THREE UNL GS (PLT) VS	A8	2,950	815	262.0%	1,990	48.2%	8,938	2,554	250.0%
GULF COAST 3% FUEL OIL BA	VZ	947	1,246	-24.0%	796	19.0%	5,496	4,735	16.1%
GULF COAST GASOLINE CLNDR	GS	0	0	0.0%	0	-	0	0	0.0%
GULF COAST JET FUEL CLNDR	GE	336	208	61.5%	42	700.0%	633	456	38.8%
GULF COAST JET VS NYM 2 H	ME	31,814	26,486	20.1%	47,433	-32.9%	188,133	175,712	7.1%
GULF COAST NO.6 FUEL OIL	MF	60,240	53,106	13.4%	64,242	-6.2%	241,036	247,144	-2.5%
GULF COAST NO.6 FUEL OIL	MG	3,665	1,555	135.7%	2,377	54.2%	8,483	6,969	21.7%
GULF COAST ULSD CALENDAR	LY	200	543	-63.2%	80	150.0%	754	1,573	-52.1%
GULF COAST ULSD CRACK SPR	GY	100	0	0.0%	100	0.0%	1,295	1,000	29.5%
HEATING OIL BALMO CLNDR S	1G	0	195	-100.0%	0	0.0%	56	370	-84.9%
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	1,240	10,231	-87.9%	360	244.4%	6,192	35,334	-82.5%
HENRY HUB FINANCIAL LAST	NBP	1,222	0	-	1,367	-10.6%	5,290	0	-
HENRY HUB FINANCIAL LAST	TTE	26	0	-	464	-94.4%	621	0	-
HENRY HUB INDEX SWAP FUTU	IN	1,240	10,231	-87.9%	360	244.4%	6,192	33,756	-81.7%

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Energy Futures									
HENRY HUB SWAP	NN	131,053	169,073	-22.5%	132,155	-0.8%	646,442	628,211	2.9%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	-	0	0	0.0%
HOUSTON SHIP CHANNEL BASI	NH	0	969	-100.0%	0	0.0%	0	969	-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	0	0.0%
ICE BRENT DUBAI SWAP	DB	13,243	17,660	-25.0%	9,914	33.6%	43,017	42,093	2.2%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	0.0%	0	0	-
IN DELIVERY MONTH EUA	6T	0	2,850	-100.0%	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	115	0	-	90	27.8%	235	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	918	403	127.8%	135	580.0%	1,608	1,805	-10.9%
JAPAN C&F NAPHTHA SWAP	JA	1,984	3,053	-35.0%	1,530	29.7%	7,917	6,937	14.1%
JAPAN NAPHTHA BALMO SWAP	E6	37	652	-94.3%	15	146.7%	140	779	-82.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	0.0%	5	0	0.0%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	-	0	0	0.0%
JET CIF NWE VS ICE	JC	74	90	-17.8%	0	0.0%	474	380	24.7%
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	10	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	4,460	6,478	-31.2%	10,604	-57.9%	30,244	30,067	0.6%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	325	150	116.7%	225	44.4%	1,000	685	46.0%
LA CARBOB GASOLINE(OPIS)S	JL	1,450	50	2,800.0%	475	205.3%	3,275	700	367.9%
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	2,635	650	305.4%	2,075	27.0%	9,535	6,960	37.0%
LLS (ARGUS) VS WTI SWAP	WJ	6,085	5,690	6.9%	6,713	-9.4%	19,222	21,175	-9.2%
MARS (ARGUS) VS WTI SWAP	YX	3,530	3,030	16.5%	2,275	55.2%	14,545	14,161	2.7%
MARS (ARGUS) VS WTI TRD M	YV	19,630	15,725	24.8%	22,696	-13.5%	114,636	96,002	19.4%

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Energy Futures									
MARS BLEND CRUDE OIL	MB	350	4,581	-92.4%	389	-10.0%	1,519	9,765	-84.4%
MCCLOSKEY ARA ARGS COAL	MTF	22,847	38,311	-40.4%	25,033	-8.7%	106,740	212,638	-49.8%
MCCLOSKEY RCH BAY COAL	MFF	2,374	5,319	-55.4%	3,147	-24.6%	14,020	25,677	-45.4%
MGF FUT	MGF	50	35	42.9%	0	0.0%	130	197	-34.0%
MGN1 SWAP FUT	MGN	30	90	-66.7%	93	-67.7%	383	542	-29.3%
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	502	509	-1.4%	286	75.5%	1,389	1,645	-15.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	862	236	265.3%	71	1,114.1%	1,053	1,182	-10.9%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	2,021	3,289	-38.6%	1,271	59.0%	6,217	9,798	-36.5%
MJC FUT	MJC	190	0	0.0%	210	-9.5%	970	260	273.1%
MNC FUT	MNC	3,441	4,538	-24.2%	3,808	-9.6%	14,487	18,139	-20.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	11,593	18,279	-36.6%	14,849	-21.9%	61,389	132,967	-53.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	90	200	-55.0%	15	500.0%	655	1,925	-66.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	138,294	64,147	115.6%	121,247	14.1%	537,281	378,461	42.0%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,275	1,366	66.5%	2,756	-17.5%	14,044	9,076	54.7%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	9,135	2,554	257.7%	9,342	-2.2%	38,684	18,833	105.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	228	155	47.1%	665	-65.7%	1,773	1,371	29.3%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	42,033	29,639	41.8%	26,240	60.2%	117,520	123,984	-5.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	780	405	92.6%	1,031	-24.3%	3,819	4,202	-9.1%
NAT GAS BASIS SWAP	TZ6	0	453	-100.0%	0	0.0%	0	1,737	-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	0	0.0%
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%
NATURAL GAS PEN SWP	NP	30,813	61,205	-49.7%	26,372	16.8%	161,690	419,825	-61.5%
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	64,300	-100.0%	0	0.0%	61,920	221,100	-72.0%



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Energy Futures									
NEPOOL INTR HUB 5MW D AH	U6	0	3,480	-100.0%	0	0.0%	3,415	10,400	-67.2%
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	1,515	530	185.8%	2,100	-27.9%	7,461	2,405	210.2%
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	0	0.0%	0	0.0%	400	744	-46.2%
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	15,120	0	0.0%	76	19,794.7%	22,836	800	2,754.5%
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	300	425	-29.4%	275	9.1%	1,535	2,635	-41.7%
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	0	0.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	368	-100.0%	0	0.0%	0	614	-100.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	841	2,042	-58.8%	2,690	-68.7%	7,101	10,930	-35.0%
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	200	800	-75.0%	275	-27.3%	975	2,260	-56.9%
NY HARBOR 1% FUEL OIL BAL	VK	0	25	-100.0%	0	0.0%	0	25	-100.0%
NY HARBOR HEAT OIL SWP	MP	1,521	3,254	-53.3%	926	64.3%	5,945	10,053	-40.9%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	100	345	-71.0%	1,550	-93.5%	2,475	2,173	13.9%
NY HARBOR RESIDUAL FUEL 1	MM	619	2,769	-77.6%	1,345	-54.0%	4,536	13,680	-66.8%
NYH NO 2 CRACK SPREAD CAL	HK	1,905	1,374	38.6%	867	119.7%	5,177	7,355	-29.6%

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Commodity		VOLUME APR 2018	VOLUME APR 2017	% CHG	VOLUME MAR 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
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%	24	-100.0%	144	207	-30.4%
NYISO CAPACITY	NNC	136	84	61.9%	120	13.3%	306	1,380	-77.8%
NYISO CAPACITY	NRS	0	75	-100.0%	108	-100.0%	108	760	-85.8%
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	9,360	-100.0%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0.0%	0	6,705	-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	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	46,080	46,800	-1.5%	264,520	-82.6%	392,350	259,200	51.4%
NYISO ZONE G 5MW D AH PK	T3	2,115	2,990	-29.3%	2,340	-9.6%	5,510	24,550	-77.6%
NYISO ZONE J 5MW D AH O P	D4	0	23,400	-100.0%	0	0.0%	0	133,000	-100.0%
NYISO ZONE J 5MW D AH PK	D3	0	1,705	-100.0%	0	0.0%	0	9,345	-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	275	-100.0%	0	0.0%	0	7,047	-100.0%
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	0	0.0%	0	0.0%	10	140	-92.9%
ONTARIO POWER SWAPS	OPM	0	330	-100.0%	0	0.0%	0	540	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	275	48	472.9%
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	214	-100.0%	0	0.0%	0	214	-100.0%
PETROCHEMICALS	22	242	64	278.1%	118	105.1%	652	306	113.1%
PETROCHEMICALS	32	281	90	212.2%	213	31.9%	850	504	68.7%
PETROCHEMICALS	51	20	0	-	0	0.0%	23	0	-
PETROCHEMICALS	8I	1,144	156	633.3%	777	47.2%	3,559	2,823	26.1%
PETROCHEMICALS	91	453	165	174.5%	546	-17.0%	2,274	949	139.6%

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Energy Futures								
PETROCHEMICALS HPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS JKM	2,000	0	-	1,150	73.9%	3,445	0	-
PETROCHEMICALS LPE	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS MAC	0	0	0.0%	0	0.0%	0	50	-100.0%
PETROCHEMICALS MAE	240	0	0.0%	250	-4.0%	770	10	7,600.0%
PETROCHEMICALS MAS	90	20	350.0%	140	-35.7%	450	115	291.3%
PETROCHEMICALS MBE	540	440	22.7%	520	3.8%	3,550	4,035	-12.0%
PETROCHEMICALS MNB	3,014	1,093	175.8%	2,575	17.0%	8,777	3,602	143.7%
PETROCHEMICALS MPS	115	0	-	70	64.3%	345	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	105	-100.0%
PETRO CRCKS & SPRDS ASIA STR	100	0	0.0%	0	0.0%	100	264	-62.1%
PETRO CRCKS & SPRDS ASIA STS	0	0	0.0%	0	0.0%	409	0	0.0%
PETRO CRCKS & SPRDS NA CRB	280	0	0.0%	150	86.7%	1,045	610	71.3%
PETRO CRCKS & SPRDS NA EXR	2,542	1,775	43.2%	2,605	-2.4%	11,467	11,758	-2.5%
PETRO CRCKS & SPRDS NA FOC	2,100	1,125	86.7%	1,300	61.5%	4,500	3,490	28.9%
PETRO CRCKS & SPRDS NA GBB	670	815	-17.8%	213	214.6%	2,845	3,205	-11.2%
PETRO CRCKS & SPRDS NA GCC	150	350	-57.1%	400	-62.5%	950	675	40.7%
PETRO CRCKS & SPRDS NA GCI	660	984	-32.9%	1,054	-37.4%	5,893	5,495	7.2%
PETRO CRCKS & SPRDS NA GCM	100	0	0.0%	21	376.2%	121	0	0.0%
PETRO CRCKS & SPRDS NA GCU	21,025	5,924	254.9%	7,060	197.8%	50,442	29,088	73.4%
PETRO CRCKS & SPRDS NA GFC	0	0	0.0%	0	0.0%	0	485	-100.0%
PETRO CRCKS & SPRDS NA HOB	475	4,561	-89.6%	3,315	-85.7%	5,786	10,762	-46.2%
PETRO CRCKS & SPRDS NA KSD	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO CRCKS & SPRDS NA MFR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA NFG	0	0	0.0%	0	0.0%	50	86	-41.9%
PETRO CRCKS & SPRDS NA NYF	0	300	-100.0%	0	0.0%	0	600	-100.0%
PETRO CRCKS & SPRDS NA NYH	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA RBB	4,921	6,815	-27.8%	4,444	10.7%	18,231	36,210	-49.7%
PETRO CRCKS & SPRDS NA RVG	17,922	19,560	-8.4%	17,962	-0.2%	69,101	66,571	3.8%
PETRO CRCKS & SPRDS NA SF3	33	0	0.0%	36	-8.3%	234	6	3,800.0%
PETRO CRK&SPRD EURO 1NB	2,177	847	157.0%	1,935	12.5%	8,539	5,851	45.9%
PETRO CRK&SPRD EURO 1ND	0	0	-	0	0.0%	100	0	-
PETRO CRK&SPRD EURO 43	680	296	129.7%	260	161.5%	1,818	906	100.7%
PETRO CRK&SPRD EURO BFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO BOB	2,712	2,021	34.2%	1,621	67.3%	7,787	9,551	-18.5%

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Commodity		VOLUME APR 2018	VOLUME APR 2017	% CHG	VOLUME MAR 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
PETRO CRK&SPRD EURO	EGB	0	0	-	0	0.0%	0	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	0.0%	0	0	-
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	15	-100.0%	108	68	58.8%
PETRO CRK&SPRD EURO	EPN	765	282	171.3%	1,233	-38.0%	4,170	1,530	172.5%
PETRO CRK&SPRD EURO	EVC	1,680	2,292	-26.7%	1,776	-5.4%	7,826	12,882	-39.2%
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	200	0	0.0%	0	0.0%	375	400	-6.3%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	15	-100.0%	84	35	140.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	80	-100.0%	80	70	14.3%
PETRO CRK&SPRD EURO	MUD	0	160	-100.0%	23	-100.0%	123	646	-81.0%
PETRO CRK&SPRD EURO	NBB	66	26	153.8%	0	0.0%	96	64	50.0%
PETRO CRK&SPRD EURO	NOB	1,652	1,170	41.2%	1,324	24.8%	7,073	4,498	57.2%
PETRO CRK&SPRD EURO	SFB	30	25	20.0%	0	0.0%	30	155	-80.6%
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	3,190	3,058	4.3%	3,434	-7.1%	22,199	13,097	69.5%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0.0%	0	80	-100.0%
PETROLEUM PRODUCTS	MGS	0	0	-	0	0.0%	0	0	-
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MME	0	0	-	0	0.0%	30	0	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	603	200	201.5%	0	0.0%	603	704	-14.3%
PETROLEUM PRODUCTS ASIA	E6M	30	47	-36.2%	0	0.0%	374	62	503.2%
PETROLEUM PRODUCTS ASIA	MJN	2,697	2,044	31.9%	1,605	68.0%	9,482	7,436	27.5%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0.0%	0	25	-100.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0.0%	50	43	16.3%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0D	1,859	1,787	4.0%	1,162	60.0%	4,833	10,642	-54.6%
PETRO OUTRIGHT EURO	0E	109	551	-80.2%	0	0.0%	119	2,618	-95.5%
PETRO OUTRIGHT EURO	0F	663	1,780	-62.8%	592	12.0%	2,435	5,823	-58.2%
PETRO OUTRIGHT EURO	1T	0	12	-100.0%	0	0.0%	15	48	-68.8%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0.0%	0	80	-100.0%
PETRO OUTRIGHT EURO	5L	46	30	53.3%	0	0.0%	89	334	-73.4%
PETRO OUTRIGHT EURO	63	70	105	-33.3%	5	1,300.0%	107	462	-76.8%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0.0%	0	2	-100.0%

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Energy Futures									
PETRO OUTRIGHT EURO	7I	365	50	630.0%	0	0.0%	429	409	4.9%
PETRO OUTRIGHT EURO	7R	252	119	111.8%	145	73.8%	1,230	837	47.0%
PETRO OUTRIGHT EURO	88	45	0	0.0%	0	0.0%	95	0	0.0%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	35	-100.0%	55	42	31.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	CPB	352	75	369.3%	826	-57.4%	2,487	1,693	46.9%
PETRO OUTRIGHT EURO	EFF	93	50	86.0%	0	0.0%	93	270	-65.6%
PETRO OUTRIGHT EURO	EFM	0	166	-100.0%	0	0.0%	0	296	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0.0%	55	60	-8.3%
PETRO OUTRIGHT EURO	ESB	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	EWN	535	1,145	-53.3%	606	-11.7%	2,822	3,119	-9.5%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	MBB	25	0	0.0%	0	0.0%	161	120	34.2%
PETRO OUTRIGHT EURO	MBN	1,483	280	429.6%	1,652	-10.2%	5,499	2,518	118.4%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	150	-100.0%	328	0	0.0%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0.0%	0	110	-100.0%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0.0%	0	375	-100.0%
PETRO OUTRIGHT EURO	V0	300	0	0.0%	200	50.0%	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	50	32	56.3%	64	-21.9%	249	554	-55.1%
PETRO OUTRIGHT NA	FOM	0	30	-100.0%	0	0.0%	0	40	-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%	24	-100.0%	69	18	283.3%
PETRO OUTRIGHT NA	JET	1,925	3,283	-41.4%	2,850	-32.5%	9,680	18,352	-47.3%
PETRO OUTRIGHT NA	JTB	685	0	-	825	-17.0%	2,460	0	-
PETRO OUTRIGHT NA	MBL	0	0	0.0%	10	-100.0%	10	135	-92.6%
PETRO OUTRIGHT NA	MEN	397	797	-50.2%	403	-1.5%	1,230	3,047	-59.6%
PETRO OUTRIGHT NA	MEO	3,111	9,124	-65.9%	3,233	-3.8%	15,413	46,879	-67.1%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0.0%	30	0	0.0%
PETRO OUTRIGHT NA	MMF	20	40	-50.0%	9	122.2%	55	363	-84.8%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0.0%	0	625	-100.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	-	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	28,032	-100.0%	28,032	264,125	-89.4%
PJM AD HUB 5MW REAL TIME	Z9	0	2,550	-100.0%	2,413	-100.0%	7,513	18,710	-59.8%



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Energy Futures									
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	46,800	-100.0%	0	0.0%	0	85,390	-100.0%
PJM COMED 5MW D AH PK	D8	0	2,550	-100.0%	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	34,130	-100.0%	0	0.0%	5,100	68,765	-92.6%
PJM NI HUB 5MW REAL TIME	B6	0	662,960	-100.0%	0	0.0%	0	1,573,230	-100.0%
PJM NILL DA OFF-PEAK	L3	0	504,194	-100.0%	0	0.0%	0	658,287	-100.0%
PJM NILL DA PEAK	N3	22	19,594	-99.9%	0	0.0%	22	36,476	-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	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 WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	31,610	0	0.0%	0	0.0%	78,410	7,500	945.5%
PJM WESTHDA PEAK	J4	1,700	880	93.2%	0	0.0%	4,250	1,340	217.2%
PJM WESTH RT OFF-PEAK	N9	102,880	653,480	-84.3%	0	0.0%	173,080	1,216,815	-85.8%
PJM WESTH RT PEAK	L1	9,860	31,817	-69.0%	8,944	10.2%	34,454	86,239	-60.0%
PLASTICS	PGP	240	723	-66.8%	250	-4.0%	1,522	2,118	-28.1%
PREMIUM UNLD 10P FOB MED	3G	15	10	50.0%	265	-94.3%	1,326	231	474.0%
PREMIUM UNLEAD 10PPM FOB	8G	0	14	-100.0%	10	-100.0%	165	35	371.4%
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	0	0	0.0%	0	0.0%	10	32	-68.8%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	487	122	299.2%	1,035	-52.9%	2,251	3,451	-34.8%

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Commodity		VOLUME APR 2018	VOLUME APR 2017	% CHG	VOLUME MAR 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	12,775	5,219	144.8%	14,845	-13.9%	42,691	36,670	16.4%
RBOB CALENDAR SWAP	RL	5,543	7,253	-23.6%	4,080	35.9%	17,483	29,394	-40.5%
RBOB CRACK SPREAD	RM	1,896	360	426.7%	542	249.8%	4,468	1,979	125.8%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	3,759	471	698.1%	616	510.2%	5,262	2,413	118.1%
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	600	625	-4.0%	150	300.0%	1,150	9,585	-88.0%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	-	0	0	0.0%
SAN JUAN BASIS SWAP	NJ	0	214	-100.0%	0	0.0%	31	214	-85.5%
SAN JUAN PIPE SWAP	XX	360	0	-	0	-	360	0	-
SINGAPORE 180CST BALMO	BS	62	110	-43.6%	25	148.0%	182	242	-24.8%
SINGAPORE 380CST BALMO	BT	120	307	-60.9%	133	-9.8%	409	847	-51.7%
SINGAPORE 380CST FUEL OIL	SE	9,418	9,680	-2.7%	7,439	26.6%	27,521	50,251	-45.2%
SINGAPORE FUEL 180CST CAL	UA	1,324	1,307	1.3%	546	142.5%	3,364	5,397	-37.7%
SINGAPORE FUEL OIL SPREAD	SD	1,525	678	124.9%	1,604	-4.9%	4,140	3,593	15.2%
SINGAPORE GASOIL	MTB	0	125	-100.0%	190	-100.0%	268	653	-59.0%
SINGAPORE GASOIL	MTS	5,135	4,199	22.3%	5,431	-5.5%	20,330	20,659	-1.6%
SINGAPORE GASOIL	STL	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL	STZ	150	0	0.0%	150	0.0%	4,300	400	975.0%
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	160	400	-60.0%	110	45.5%	3,919	1,574	149.0%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	0.0%	325	0	-
SINGAPORE GASOIL SWAP	SG	5,640	8,747	-35.5%	1,315	328.9%	21,167	44,950	-52.9%
SINGAPORE GASOIL VS ICE	GA	9,325	4,855	92.1%	14,815	-37.1%	74,060	44,275	67.3%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	165	257	-35.8%
SINGAPORE JET KERO GASOIL	RK	1,175	2,275	-48.4%	2,425	-51.5%	19,295	9,580	101.4%
SINGAPORE JET KEROSENE SW	KS	1,210	1,125	7.6%	565	114.2%	4,845	5,769	-16.0%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	25	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	300	315	-4.8%	225	33.3%	1,663	422	294.1%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	11,059	7,669	44.2%	13,451	-17.8%	63,704	34,545	84.4%



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Energy Futures									
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	55	10	450.0%	0	0.0%	55	35	57.1%
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	702	-100.0%	0	0.0%	91	3,656	-97.5%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	30	0	-	172	-82.6%	548	0	-
TC5 RAS TANURA TO YOKOHAM	TH	20	0	0.0%	20	0.0%	240	0	0.0%
TCO BASIS SWAP	TC	0	4,868	-100.0%	0	0.0%	0	7,216	-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	160	0	-	1,030	-84.5%	1,965	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	0	0.0%	0	0.0%	0	7,547	-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	302	-100.0%	0	0.0%	0	302	-100.0%
TRANSCO ZONE 3 NG INDEX S	Y6	0	6,256	-100.0%	0	0.0%	0	6,256	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	403	-100.0%	0	0.0%	0	5,891	-100.0%
TRANSCO ZONE 4 NAT GAS IN	B2	0	465	-100.0%	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%
UCM FUT	UCM	0	20	-100.0%	20	-100.0%	50	81	-38.3%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF MED SWAP	Z6	0	15	-100.0%	0	0.0%	0	25	-100.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	15	-100.0%	0	0.0%	14	21	-33.3%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	0.0%	0	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	5,525	2,715	103.5%	3,500	57.9%	19,765	17,105	15.6%
UP DOWN GC ULSD VS NMX HO	LT	26,656	32,710	-18.5%	30,926	-13.8%	138,852	173,478	-20.0%

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Energy Futures									
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	-	0	0	0.0%
WAHA BASIS	NW	839	151	455.6%	0	0.0%	2,925	882	231.6%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0.0%	0	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	195	-100.0%	0	0.0%	15	735	-98.0%
WTI-BRENT BULLET SWAP	BY	6,300	0	0.0%	0	0.0%	6,300	404	1,459.4%
WTI-BRENT CALENDAR SWAP	BK	35,865	5,185	591.7%	34,796	3.1%	152,174	32,817	363.7%
WTI CALENDAR	CS	43,112	36,677	17.5%	29,601	45.6%	153,553	149,449	2.7%
WTS (ARGUS) VS WTI SWAP	FF	3,669	6,270	-41.5%	10,838	-66.1%	35,867	16,659	115.3%
WTS (ARGUS) VS WTI TRD MT	FH	1,050	0	0.0%	72	1,358.3%	1,272	2,410	-47.2%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	0	0.0%	0	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	0	20	-100.0%	0	0.0%	1,140	1,982	-42.5%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	0.0%	2,000	0	-
BRENT CRUDE OIL 1 M CSO	9C	132,544	0	-	122,200	8.5%	254,744	0	-
BRENT CRUDE OIL 6 M CSO	9L	1,000	0	-	0	-	1,000	0	-
BRENT OIL LAST DAY	BE	51,349	8,572	499.0%	32,815	56.5%	86,164	14,680	486.9%
BRENT OIL LAST DAY	BZO	131,389	16,033	719.5%	124,942	5.2%	454,849	73,855	515.9%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	1,040	1,048	-0.8%
COAL API2 INDEX	CLA	225	1,445	-84.4%	1,055	-78.7%	2,965	5,331	-44.4%
COAL API2 INDEX	CQA	400	0	0.0%	275	45.5%	1,050	580	81.0%
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	0	0.0%	0	0.0%	0	140	-100.0%
COAL SWAP	RPF	0	0	0.0%	0	0.0%	0	85	-100.0%
CRUDE OIL 1MO	WA	250,275	123,770	102.2%	91,250	174.3%	751,260	663,753	13.2%
CRUDE OIL APO	AO	56,947	40,228	41.6%	66,502	-14.4%	228,916	137,918	66.0%
CRUDE OIL CALNDR STRIP	6F	170	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	0	-	0	0.0%	0	0	-
CRUDE OIL PHY	CD	3,850	1,135	239.2%	925	316.2%	7,025	6,560	7.1%



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Energy Options									
CRUDE OIL PHY	LC	13,590	36,890	-63.2%	9,424	44.2%	53,291	133,939	-60.2%
CRUDE OIL PHY	LO	3,719,820	3,979,098	-6.5%	3,355,272	10.9%	14,917,813	14,848,535	0.5%
CRUDE OIL PHY	LO1	14,510	10,215	42.0%	6,473	124.2%	48,162	36,808	30.8%
CRUDE OIL PHY	LO2	18,070	6,413	181.8%	7,009	157.8%	55,363	32,284	71.5%
CRUDE OIL PHY	LO3	16,825	13,478	24.8%	7,138	135.7%	47,915	29,530	62.3%
CRUDE OIL PHY	LO4	18,310	20,137	-9.1%	16,266	12.6%	57,891	46,415	24.7%
CRUDE OIL PHY	LO5	0	0	0.0%	13,277	-100.0%	13,277	13,633	-2.6%
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	175	15	1,066.7%	100	75.0%	275	65	323.1%
ETHANOL	CE3	0	0	0.0%	0	0.0%	0	300	-100.0%
ETHANOL SWAP	CVR	7,360	5,395	36.4%	7,151	2.9%	31,867	21,707	46.8%
ETHANOL SWAP	GVR	600	515	16.5%	78	669.2%	1,683	770	118.6%
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	-
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%	0	0.0%	0	900	-100.0%
HEATING OIL PHY	OH	25,544	26,585	-3.9%	23,526	8.6%	134,509	105,743	27.2%
HENRY HUB FINANCIAL LAST	E7	1,386	3,480	-60.2%	1,671	-17.1%	14,448	16,141	-10.5%
HO 1 MONTH CLNDR OPTIONS	FA	0	1,300	-100.0%	0	0.0%	0	1,300	-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	0	-	0	0.0%	0	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	90	540	-83.3%
MCCLOSKEY RCH BAY COAL	MFO	200	0	0.0%	675	-70.4%	1,725	0	0.0%
NATURAL GAS	G10	0	250	-100.0%	0	0.0%	0	250	-100.0%
NATURAL GAS 1 M CSO FIN	G4	150	109,700	-99.9%	0	0.0%	212,692	165,700	28.4%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0.0%	0	2,750	-100.0%
NATURAL GAS 3 M CSO FIN	G3	7,815	5,750	35.9%	30	25,950.0%	14,296	19,650	-27.2%
NATURAL GAS 5 M CSO FIN	G5	1,100	825	33.3%	1,450	-24.1%	2,550	4,050	-37.0%
NATURAL GAS 6 M CSO FIN	G6	1,000	0	0.0%	24,200	-95.9%	63,650	33,870	87.9%
NATURAL GAS OPTION ON CALENDAR STRP	6J	4,584	120	3,720.0%	1,320	247.3%	18,408	3,800	384.4%
NATURAL GAS PHY	KD	18,392	29,266	-37.2%	11,016	67.0%	91,626	118,979	-23.0%
NATURAL GAS PHY	LN	1,275,146	1,873,814	-31.9%	1,084,375	17.6%	8,344,091	9,134,603	-8.7%

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Energy Options									
NATURAL GAS PHY	ON	113,089	157,581	-28.2%	91,745	23.3%	737,451	835,802	-11.8%
NATURAL GAS PHY	ON1	0	0	0.0%	0	-	0	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	-	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	450	-100.0%	0	0.0%	0	1,506	-100.0%
NY HARBOR HEAT OIL SWP	AT	1,856	3,190	-41.8%	2,287	-18.8%	11,743	12,243	-4.1%
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	500	515	-2.9%	0	0.0%	2,133	2,297	-7.1%
PETROCHEMICALS	4J	0	255	-100.0%	0	0.0%	1,350	2,180	-38.1%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	18	-100.0%	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	170	480	-64.6%	60	183.3%	250	2,540	-90.2%
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	1,282	1,752	-26.8%	764	67.8%	4,275	9,919	-56.9%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	300	-100.0%	500	0	0.0%
RBOB CALENDAR SWAP	RA	460	460	0.0%	150	206.7%	910	2,025	-55.1%
RBOB PHY	OB	8,350	35,868	-76.7%	8,412	-0.7%	46,434	93,586	-50.4%
RBOB PHY	RF	0	0	0.0%	0	0.0%	125	60	108.3%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	900	270	233.3%	0	0.0%	900	900	0.0%
SHORT TERM	U11	0	400	-100.0%	0	0.0%	300	1,170	-74.4%
SHORT TERM	U12	325	325	0.0%	0	0.0%	535	920	-41.8%
SHORT TERM	U13	100	50	100.0%	0	0.0%	100	975	-89.7%
SHORT TERM	U14	0	0	0.0%	0	0.0%	635	800	-20.6%
SHORT TERM	U15	0	0	0.0%	250	-100.0%	275	1,615	-83.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	1,025	450	127.8%
SHORT TERM	U23	250	0	0.0%	150	66.7%	580	620	-6.5%
SHORT TERM	U24	0	730	-100.0%	0	0.0%	100	1,230	-91.9%
SHORT TERM	U25	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U26	300	20	1,400.0%	0	0.0%	300	20	1,400.0%
SHORT TERM NATURAL GAS	U01	0	425	-100.0%	0	0.0%	125	1,150	-89.1%

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Energy Options									
SHORT TERM NATURAL GAS	U02	0	0	0.0%	520	-100.0%	975	855	14.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	130	890	-85.4%
SHORT TERM NATURAL GAS	U04	0	125	-100.0%	0	0.0%	250	200	25.0%
SHORT TERM NATURAL GAS	U05	200	550	-63.6%	0	0.0%	625	600	4.2%
SHORT TERM NATURAL GAS	U06	450	600	-25.0%	0	0.0%	450	4,500	-90.0%
SHORT TERM NATURAL GAS	U07	0	500	-100.0%	0	0.0%	250	1,675	-85.1%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	1,225	1,850	-33.8%
SHORT TERM NATURAL GAS	U09	458	0	0.0%	100	358.0%	734	1,380	-46.8%
SHORT TERM NATURAL GAS	U10	100	300	-66.7%	0	0.0%	200	3,700	-94.6%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	50	-100.0%	585	400	46.3%
SHORT TERM NATURAL GAS	U17	300	0	0.0%	0	0.0%	520	1,155	-55.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	500	0	0.0%
SHORT TERM NATURAL GAS	U19	125	0	0.0%	0	0.0%	185	805	-77.0%
SHORT TERM NATURAL GAS	U20	0	50	-100.0%	0	0.0%	0	1,525	-100.0%
SHORT TERM NATURAL GAS	U21	0	250	-100.0%	0	0.0%	0	665	-100.0%
SHORT TERM NATURAL GAS	U27	150	120	25.0%	200	-25.0%	400	1,870	-78.6%
SHORT TERM NATURAL GAS	U28	0	45	-100.0%	0	0.0%	100	245	-59.2%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	200	-100.0%	300	0	0.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	100	660	-84.8%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	25	3,385	-99.3%
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	140,760	31,273	350.1%	156,858	-10.3%	526,488	191,133	175.5%
WTI CRUDE OIL 1 M CSO FI	7A	117,500	27,200	332.0%	86,625	35.6%	321,050	199,300	61.1%
Metals Futures									
COMEX GOLD	GC	6,655,061	4,612,180	44.3%	8,036,082	-17.2%	29,931,585	21,102,794	41.8%
NYMEX HOT ROLLED STEEL	HR	12,074	1,182	921.5%	9,655	25.1%	41,236	12,450	231.2%
NYMEX PLATINUM	PL	423,705	280,575	51.0%	562,720	-24.7%	1,777,006	1,428,680	24.4%
PALLADIUM	PA	145,138	97,861	48.3%	101,277	43.3%	509,691	449,776	13.3%
URANIUM	UX	27	200	-86.5%	200	-86.5%	912	2,494	-63.4%
COMEX SILVER	SI	2,625,756	2,120,883	23.8%	1,842,321	42.5%	8,810,385	6,840,126	28.8%
COMEX E-Mini GOLD	QO	6,988	7,370	-5.2%	6,801	2.7%	28,545	38,377	-25.6%



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Metals Futures									
COMEX E-Mini SILVER	QI	1,201	720	66.8%	1,258	-4.5%	4,959	3,406	45.6%
COMEX COPPER	HG	3,090,957	2,266,785	36.4%	2,510,551	23.1%	11,363,326	8,135,241	39.7%
COMEX MINY COPPER	QC	531	790	-32.8%	402	32.1%	2,399	3,614	-33.6%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	30	-100.0%
ALUMINUM	AEP	2,988	1,405	112.7%	1,498	99.5%	7,036	15,459	-54.5%
ALUMINUM	ALA	2,050	0	0.0%	30	6,733.3%	2,925	100	2,825.0%
ALUMINUM	ALI	0	220	-100.0%	0	0.0%	0	4,531	-100.0%
ALUMINUM	AUP	11,205	4,953	126.2%	12,182	-8.0%	50,458	34,740	45.2%
ALUMINUM	CUP	0	0	-	0	0.0%	205	0	-
ALUMINUM	EDP	174	375	-53.6%	2,150	-91.9%	6,692	977	585.0%
ALUMINUM	MJP	1,194	0	0.0%	4,395	-72.8%	7,299	4,658	56.7%
COPPER	HGS	691	307	125.1%	3,847	-82.0%	10,073	923	991.3%
E-MICRO GOLD	MGC	133,405	84,964	57.0%	117,149	13.9%	519,152	345,221	50.4%
FERROUS PRODUCTS	BUS	1,487	30	4,856.7%	779	90.9%	9,194	215	4,176.3%
GOLD	GPS	0	0	0.0%	0	0.0%	0	0	0.0%
Gold Kilo	GCK	60	230	-73.9%	35	71.4%	136	1,631	-91.7%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	0.0%	0	1,292	-100.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	3,589	11,349	-68.4%	5,870	-38.9%	14,414	44,026	-67.3%
LNDN ZINC	ZNC	7	15	-53.3%	0	0.0%	40	35	14.3%
METALS	LED	0	0	0.0%	0	-	0	0	0.0%
SILVER	SIL	9,335	4,643	101.1%	5,150	81.3%	29,268	19,690	48.6%
Metals Options									
COMEX COPPER	HX	24,364	3,989	510.8%	17,801	36.9%	82,216	15,932	416.0%
COMEX GOLD	OG	959,339	783,992	22.4%	940,584	2.0%	3,842,722	3,134,231	22.6%
COMEX SILVER	SO	177,207	113,784	55.7%	125,745	40.9%	591,200	418,660	41.2%
GOLD	OG1	10,701	2,331	359.1%	9,447	13.3%	41,072	9,606	327.6%
GOLD	OG2	7,328	2,814	160.4%	6,822	7.4%	32,524	9,838	230.6%
GOLD	OG3	8,271	3,813	116.9%	6,800	21.6%	36,632	13,354	174.3%
GOLD	OG4	8,085	1,997	304.9%	4,614	75.2%	23,511	4,763	393.6%
GOLD	OG5	0	0	0.0%	6,835	-100.0%	6,835	2,608	162.1%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	0.0%	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	3,250	-100.0%	200	-100.0%	200	7,832	-97.4%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	460	-100.0%	360	-100.0%	1,080	12,685	-91.5%
NYMEX PLATINUM	PO	941	2,595	-63.7%	3,477	-72.9%	12,534	10,353	21.1%

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NYMEX/COMEX Exchange Volume Report - Monthly

	Commodity	VOLUME APR 2018	VOLUME APR 2017	% CHG	VOLUME MAR 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Metals Options									
PALLADIUM	PAO	4,590	4,702	-2.4%	3,184	44.2%	14,362	13,597	5.6%
SILVER	SO1	121	111	9.0%	350	-65.4%	621	223	178.5%
SILVER	SO2	115	0	0.0%	155	-25.8%	350	140	150.0%
SILVER	SO3	321	0	0.0%	267	20.2%	758	180	321.1%
SILVER	SO4	46	7	557.1%	98	-53.1%	365	43	748.8%
SILVER	SO5	0	0	0.0%	133	-100.0%	133	0	0.0%
TOTAL FUTURES GROUP									
Ag Products Futures		63	24	162.5%	0	0.0%	65	95	-31.6%
Energy Futures		48,658,509	41,649,505	16.8%	44,013,951	10.6%	195,210,214	175,745,521	11.1%
Metals Futures		13,127,623	9,497,037	38.2%	13,224,352	-0.7%	53,126,936	38,490,486	38.0%
TOTAL FUTURES		61,786,195	51,146,566	20.8%	57,238,303	7.9%	248,337,215	214,236,102	15.9%
TOTAL OPTIONS GROUP									
Energy Options		6,160,351	6,578,251	-6.4%	5,359,086	15.0%	27,587,148	27,096,093	1.8%
Metals Options		1,201,429	923,845	30.0%	1,126,872	6.6%	4,687,115	3,654,045	28.3%
TOTAL OPTIONS		7,361,780	7,502,096	-1.9%	6,485,958	13.5%	32,274,263	30,750,138	5.0%
TOTAL COMBINED									
Ag Products		63	24	162.5%	0	-	65	95	-31.6%
Energy		54,818,860	48,227,756	13.7%	49,373,037	11.0%	222,797,362	202,841,614	9.8%
Metals		14,329,052	10,420,882	37.5%	14,351,224	-0.2%	57,814,051	42,144,531	37.2%
GRAND TOTAL		69,147,975	58,648,662	17.9%	63,724,261	8.5%	280,611,478	244,986,240	14.5%

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