



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME MAR 2018	VOLUME MAR 2017	% CHG	VOLUME FEB 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	32	-100.0%	0	0.0%	0	50	-100.0%
COFFEE	KT	0	0	0.0%	0	0.0%	0	0	0.0%
COTTON	TT	0	2	-100.0%	0	0.0%	2	3	-33.3%
SUGAR 11	YO	0	1	-100.0%	0	0.0%	0	18	-100.0%
Energy Futures									
CRUDE OIL PHY	CL	25,003,466	26,417,191	-5.4%	26,783,696	-6.6%	80,291,006	69,374,562	15.7%
CRUDE OIL	WS	500	11,655	-95.7%	3,250	-84.6%	4,339	27,923	-84.5%
MINY WTI CRUDE OIL	QM	308,522	305,868	0.9%	315,601	-2.2%	833,333	725,302	14.9%
BRENT OIL LAST DAY	BZ	1,821,117	2,154,916	-15.5%	1,674,950	8.7%	4,886,298	5,954,800	-17.9%
HEATING OIL PHY	HO	3,715,839	3,497,419	6.2%	3,826,218	-2.9%	12,084,630	10,152,651	19.0%
HTG OIL	BH	0	0	0.0%	0	0.0%	0	0	0.0%
MINY HTG OIL	QH	3	2	50.0%	3	0.0%	10	10	0.0%
RBOB PHY	RB	3,992,862	4,380,339	-8.8%	3,815,037	4.7%	12,098,436	12,562,491	-3.7%
MINY RBOB GAS	QU	2	4	-50.0%	4	-50.0%	9	17	-47.1%
NATURAL GAS	HP	101,560	169,685	-40.1%	143,501	-29.2%	493,970	473,110	4.4%
LTD NAT GAS	HH	308,387	285,562	8.0%	363,893	-15.3%	1,233,322	927,049	33.0%
MINY NATURAL GAS	QG	19,941	27,625	-27.8%	30,741	-35.1%	115,129	104,549	10.1%
PJM MONTHLY	JM	0	120	-100.0%	0	0.0%	0	120	-100.0%
NATURAL GAS PHY	NG	7,287,487	9,138,231	-20.3%	8,454,128	-13.8%	29,930,257	26,631,948	12.4%
RBOB GAS	RT	1,920	1,520	26.3%	4,860	-60.5%	11,200	5,060	121.3%
3.5% FUEL OIL CID MED SWA	7D	39	113	-65.5%	195	-80.0%	349	847	-58.8%
3.5% FUEL OIL CIF BALMO S	8D	0	5	-100.0%	0	0.0%	0	120	-100.0%
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%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	-	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	18,572	3,145	490.5%	28,768	-35.4%	89,415	22,175	303.2%
ARGUS PROPAN FAR EST INDE	7E	7,284	1,487	389.8%	5,740	26.9%	20,140	4,362	361.7%

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Energy Futures									
ARGUS PROPAN(SAUDI ARAMCO	9N	2,877	981	193.3%	2,651	8.5%	7,979	3,362	137.3%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	0.0%	0	0	-
AUSTRIALIAN COKE COAL	ALW	0	136	-100.0%	0	0.0%	0	819	-100.0%
BRENT BALMO SWAP	J9	0	0	0.0%	50	-100.0%	50	25	100.0%
BRENT CALENDAR SWAP	CY	796	2,704	-70.6%	1,089	-26.9%	3,002	10,549	-71.5%
BRENT CFD SWAP	6W	300	0	-	0	-	300	0	-
BRENT FINANCIAL FUTURES	BB	6,500	2,220	192.8%	4,000	62.5%	10,500	11,282	-6.9%
BRENT FINANCIAL FUTURES	MBC	0	0	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	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	360	-100.0%	0	0.0%	0	2,265	-100.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	36	-100.0%	36	534	-93.3%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	-	0	0	0.0%
CEU ENERGY	DEB	501	0	-	1,371	-63.5%	1,872	0	-
CEU ENERGY	TTF	1,230	0	-	695	77.0%	2,405	0	-
CEU ENERGY	UKG	5,150	0	-	4,511	14.2%	9,715	0	-
CHICAGO ETHANOL SWAP	CU	111,301	163,565	-32.0%	96,516	15.3%	330,995	389,837	-15.1%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	180	105	71.4%	574	-68.6%	1,074	681	57.7%
CHICAGO UNL GAS PL VS RBO	3C	225	0	0.0%	150	50.0%	525	0	0.0%
CIG BASIS	CI	0	186	-100.0%	140	-100.0%	140	186	-24.7%
CIG ROCKIES NG INDEX SWA	Z8	0	720	-100.0%	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	70,200	-100.0%	0	0.0%	0	137,240	-100.0%
CIN HUB 5MW D AH PK	H5	1,056	0	0.0%	1,136	-7.0%	3,504	5,665	-38.1%
CIN HUB 5MW REAL TIME O P	H4	0	70,200	-100.0%	0	0.0%	0	135,040	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	3,345	-100.0%	0	0.0%	0	14,500	-100.0%
COAL SWAP	ACM	135	410	-67.1%	0	0.0%	150	665	-77.4%
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	612	-92.2%	426	-88.7%	500	851	-41.2%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	110	1,632	-93.3%	0	0.0%	190	2,429	-92.2%
CONWAY PROPANE 5 DECIMALS SWAP	8K	17,872	8,221	117.4%	11,379	57.1%	46,633	26,377	76.8%
CRUDE OIL	CHB	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL	LPS	5,000	2,675	86.9%	3,015	65.8%	14,925	10,920	36.7%
CRUDE OIL OUTRIGHTS	37	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	42	241	60	301.7%	122	97.5%	539	525	2.7%
CRUDE OIL OUTRIGHTS	CC5	0	150	-100.0%	0	0.0%	0	150	-100.0%
CRUDE OIL OUTRIGHTS	CPD	324	0	-	700	-53.7%	2,856	0	-
CRUDE OIL OUTRIGHTS	CSN	0	30	-100.0%	0	0.0%	0	30	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	235	-100.0%	0	0.0%	5	505	-99.0%
CRUDE OIL OUTRIGHTS	DBL	24	0	0.0%	0	0.0%	24	500	-95.2%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	0	100	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	45	-100.0%	0	0.0%	105	110	-4.5%
CRUDE OIL OUTRIGHTS	HTT	35,996	9,265	288.5%	38,485	-6.5%	151,764	24,871	510.2%
CRUDE OIL OUTRIGHTS	LSW	0	0	-	15	-100.0%	230	0	-
CRUDE OIL OUTRIGHTS	SSW	0	15	-100.0%	0	0.0%	0	15	-100.0%
CRUDE OIL OUTRIGHTS	UMD	900	0	-	2,300	-60.9%	4,000	0	-
CRUDE OIL OUTRIGHTS	UNS	2,538	0	-	1,178	115.4%	5,554	0	-
CRUDE OIL OUTRIGHTS	WCC	0	3,900	-100.0%	0	0.0%	0	20,922	-100.0%
CRUDE OIL OUTRIGHTS	WCW	14,222	120	11,751.7%	6,140	131.6%	31,852	120	26,443.3%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	1,155	0	0.0%
CRUDE OIL SPRDS	WTT	36,801	4,905	650.3%	43,198	-14.8%	178,570	16,270	997.5%
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	400	0	0.0%	850	-52.9%	2,060	3,810	-45.9%
DEMARCO INDEX FUTURE	DI	0	0	0.0%	0	-	0	0	0.0%
DEMARCO SWING SWAP	DT	0	0	0.0%	0	-	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	5	0	0.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	0.0%	0	0	-
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	8,127	-100.0%	0	0.0%	0	35,825	-100.0%
DUBAI CRUDE OIL BALMO	BI	125	0	0.0%	0	0.0%	125	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	758	5,490	-86.2%	2,177	-65.2%	7,760	25,204	-69.2%
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	15	749	-98.0%	30	-50.0%	120	3,014	-96.0%
EAST/WEST FUEL OIL SPREAD	EW	12	0	0.0%	125	-90.4%	137	896	-84.7%
EIA FLAT TAX ONHWAY DIESE	A5	86	737	-88.3%	88	-2.3%	440	2,682	-83.6%
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 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%
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	0.0%	0	0	-

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ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	630	0	-	880	-28.4%	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	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW PEAK	I5	630	400	57.5%	1,540	-59.1%	4,610	830	455.4%
ETHANOL SWAP	MT2	10	0	-	0	-	10	0	-
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,198	2,917	9.6%	2,676	19.5%	9,127	11,305	-19.3%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	5	-100.0%	5	5	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	449	557	-19.4%	621	-27.7%	1,706	1,926	-11.4%
EURO 3.5% FUEL OIL SPREAD	FK	171	571	-70.1%	20	755.0%	291	1,644	-82.3%
EURO-DENOMINATED PETRO PROD	NCP	0	0	0.0%	0	0.0%	0	900	-100.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	8	15	-46.7%	151	-94.7%	355	198	79.3%
EUROPE 1% FUEL OIL NWE CA	UF	90	90	0.0%	24	275.0%	258	400	-35.5%
EUROPE 1% FUEL OIL RDAM C	UH	0	10	-100.0%	0	0.0%	0	10	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	99	192	-48.4%	285	-65.3%	499	1,034	-51.7%
EUROPE 3.5% FUEL OIL RDAM	UV	8,226	11,052	-25.6%	4,739	73.6%	20,891	32,510	-35.7%
EUROPEAN GASOIL (ICE)	7F	400	3,779	-89.4%	408	-2.0%	934	9,004	-89.6%
EUROPEAN NAPHTHA BALMO	KZ	214	420	-49.0%	319	-32.9%	896	1,145	-21.7%
EUROPEAN NAPHTHA CRACK SPR	EN	6,483	8,142	-20.4%	7,371	-12.0%	28,923	23,731	21.9%
EUROPE DATED BRENT SWAP	UB	0	374	-100.0%	0	0.0%	0	416	-100.0%
EUROPE JET KERO NWE CALSW	UJ	0	36	-100.0%	0	0.0%	15	36	-58.3%
EUROPE NAPHTHA CALSWAP	UN	2,235	2,965	-24.6%	3,519	-36.5%	11,268	8,309	35.6%
EURO PROPANE CIF ARA SWA	PS	1,979	1,286	53.9%	2,138	-7.4%	6,740	3,929	71.5%
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	234	106	120.8%	51	358.8%	448	285	57.2%
FREIGHT MARKETS	FRC	55	0	-	35	57.1%	185	0	-
FREIGHT MARKETS	FRS	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	T2D	0	0	-	20	-100.0%	488	0	-
FREIGHT MARKETS	TC6	0	0	-	0	0.0%	240	0	-
FUEL OIL CRACK VS ICE	FO	7,229	5,741	25.9%	3,431	110.7%	14,582	12,368	17.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	156	0	0.0%
FUEL OIL (PLATS) CAR CM	1W	50	0	0.0%	5	900.0%	154	0	0.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	45	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	273	276	-1.1%	303	-9.9%	974	968	0.6%
GAS EURO-BOB OXY NWE BARGES	7H	7,271	8,205	-11.4%	5,888	23.5%	23,470	23,618	-0.6%



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GAS EURO-BOB OXY NWE BARGES CRK	7K	21,980	24,787	-11.3%	16,942	29.7%	69,960	66,141	5.8%
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	10	0	0.0%	0	0.0%	10	50	-80.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0.0%	0	20	-100.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	5	0	0.0%
GASOIL 0.1 ROTTERDAM BARG	VL	5	5	0.0%	15	-66.7%	45	40	12.5%
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	12	120	-90.0%	0	0.0%	12	455	-97.4%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	GX	6	0	0.0%	6	0.0%	12	18	-33.3%
GASOIL CRACK SPREAD CALEN	GZ	2,084	5,780	-63.9%	6,608	-68.5%	22,517	24,083	-6.5%
GASOIL MINI CALENDAR SWAP	QA	0	271	-100.0%	24	-100.0%	426	577	-26.2%
GASOLINE UP-DOWN BALMO SW	1K	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	115	-100.0%	115	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	2,530	1,875	34.9%	5,110	-50.5%	12,320	6,395	92.7%
GRP THREE UNL GS (PLT) VS	A8	1,990	925	115.1%	1,771	12.4%	5,988	1,739	244.3%
GULF COAST 3% FUEL OIL BA	VZ	796	543	46.6%	466	70.8%	4,549	3,489	30.4%
GULF COAST GASOLINE CLNDR	GS	0	0	0.0%	0	-	0	0	0.0%
GULF COAST JET FUEL CLNDR	GE	42	138	-69.6%	192	-78.1%	297	248	19.8%
GULF COAST JET VS NYM 2 H	ME	47,433	57,956	-18.2%	63,291	-25.1%	156,319	149,226	4.8%
GULF COAST NO.6 FUEL OIL	MF	64,242	63,144	1.7%	44,212	45.3%	180,796	194,038	-6.8%
GULF COAST NO.6 FUEL OIL	MG	2,377	772	207.9%	600	296.2%	4,818	5,414	-11.0%
GULF COAST ULSD CALENDAR	LY	80	214	-62.6%	94	-14.9%	554	1,030	-46.2%
GULF COAST ULSD CRACK SPR	GY	100	1,000	-90.0%	345	-71.0%	1,195	1,000	19.5%
HEATING OIL BALMO CLNDR S	1G	0	175	-100.0%	37	-100.0%	56	175	-68.0%
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	360	11,768	-96.9%	0	0.0%	4,952	25,103	-80.3%
HENRY HUB FINANCIAL LAST	NBP	1,367	0	-	1,500	-8.9%	4,068	0	-
HENRY HUB FINANCIAL LAST	TTE	464	0	-	11	4,118.2%	595	0	-
HENRY HUB INDEX SWAP FUTU	IN	360	9,630	-96.3%	0	0.0%	4,952	23,525	-79.0%
HENRY HUB SWAP	NN	132,155	175,061	-24.5%	139,920	-5.5%	515,389	459,138	12.3%

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Energy Futures									
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	-	0	0	0.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
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	9,914	7,650	29.6%	5,450	81.9%	29,774	24,433	21.9%
ICE GASOIL BALMO SWAP	U9	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	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	90	0	-	30	200.0%	120	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	135	517	-73.9%	235	-42.6%	690	1,402	-50.8%
JAPAN C&F NAPHTHA SWAP	JA	1,530	1,400	9.3%	1,809	-15.4%	5,933	3,884	52.8%
JAPAN NAPHTHA BALMO SWAP	E6	15	30	-50.0%	88	-83.0%	103	127	-18.9%
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	0	220	-100.0%	165	-100.0%	400	290	37.9%
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	10,604	14,881	-28.7%	6,530	62.4%	25,784	23,589	9.3%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	225	135	66.7%	250	-10.0%	675	535	26.2%
LA CARBOB GASOLINE(OPIS)S	JL	475	250	90.0%	200	137.5%	1,825	650	180.8%
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	2,075	1,350	53.7%	2,550	-18.6%	6,900	6,310	9.4%
LLS (ARGUS) VS WTI SWAP	WJ	6,713	2,205	204.4%	2,189	206.7%	13,137	15,485	-15.2%
MARS (ARGUS) VS WTI SWAP	YX	2,275	1,475	54.2%	1,030	120.9%	11,015	11,131	-1.0%
MARS (ARGUS) VS WTI TRD M	YV	22,696	25,217	-10.0%	17,090	32.8%	95,006	80,277	18.3%
MARS BLEND CRUDE OIL	MB	389	369	5.4%	120	224.2%	1,169	5,184	-77.4%

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Energy Futures									
MCCLOSKY ARA ARGS COAL	MTF	25,033	49,804	-49.7%	37,267	-32.8%	83,893	174,327	-51.9%
MCCLOSKY RCH BAY COAL	MFF	3,147	5,650	-44.3%	5,056	-37.8%	11,646	20,358	-42.8%
MGF FUT	MGF	0	162	-100.0%	0	0.0%	80	162	-50.6%
MGN1 SWAP FUT	MGN	93	120	-22.5%	160	-41.9%	353	452	-21.9%
MICHCON NG INDEX SWAP	Y8	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	0.0%	0	2,592	-100.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0.0%	0	59,040	-100.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	0	3,195	-100.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	286	463	-38.2%	235	21.7%	887	1,136	-21.9%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	71	0	0.0%	0	0.0%	191	946	-79.8%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,271	1,854	-31.4%	1,025	24.0%	4,196	6,509	-35.5%
MJC FUT	MJC	210	150	40.0%	240	-12.5%	780	260	200.0%
MNC FUT	MNC	3,808	5,725	-33.5%	3,649	4.4%	11,046	13,601	-18.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	14,849	22,464	-33.9%	8,876	67.3%	49,796	114,688	-56.6%
MONT BELVIEU ETHANE OPIS BALMO	8C	15	75	-80.0%	300	-95.0%	565	1,725	-67.2%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	121,247	112,047	8.2%	120,283	0.8%	398,987	314,314	26.9%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,756	774	256.1%	2,408	14.5%	11,769	7,710	52.6%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	9,342	4,348	114.9%	7,444	25.5%	29,549	16,279	81.5%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	665	210	216.7%	285	133.3%	1,545	1,216	27.1%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	26,240	37,483	-30.0%	21,631	21.3%	75,487	94,345	-20.0%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,031	1,750	-41.1%	407	153.3%	3,039	3,797	-20.0%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0.0%	0	1,284	-100.0%
NATURAL GAS	HBI	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS	XIC	0	44	-100.0%	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	600	-100.0%	0	0.0%	0	656	-100.0%
NATURAL GAS PEN SWP	NP	26,372	119,562	-77.9%	36,879	-28.5%	130,877	358,620	-63.5%
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	7,440	-100.0%	0	0.0%	61,920	156,800	-60.5%
NEPOOL INTR HUB 5MW D AH	U6	0	420	-100.0%	220	-100.0%	3,415	6,920	-50.7%



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Energy Futures									
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	2,100	710	195.8%	2,736	-23.2%	5,946	1,875	217.1%
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	76	800	-90.5%	680	-88.8%	7,716	800	864.5%
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	275	300	-8.3%	910	-69.8%	1,235	2,210	-44.1%
NORTHERN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHERN NATURAL GAS VENTU	PF	0	0	0.0%	0	0.0%	100	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	62	-100.0%	0	0.0%	0	246	-100.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	2,690	1,760	52.8%	1,255	114.3%	6,260	8,888	-29.6%
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	275	285	-3.5%	325	-15.4%	775	1,460	-46.9%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	926	2,041	-54.6%	2,829	-67.3%	4,424	6,799	-34.9%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	1,550	975	59.0%	825	87.9%	2,375	1,828	29.9%
NY HARBOR RESIDUAL FUEL 1	MM	1,345	5,225	-74.3%	1,098	22.5%	3,917	10,911	-64.1%
NYH NO 2 CRACK SPREAD CAL	HK	867	2,240	-61.3%	1,535	-43.5%	3,272	5,981	-45.3%
NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
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	24	15	60.0%	0	0.0%	144	195	-26.2%
NYISO CAPACITY	NNC	120	570	-78.9%	20	500.0%	170	1,296	-86.9%
NYISO CAPACITY	NRS	108	421	-74.3%	0	0.0%	108	685	-84.2%
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	264,520	30,840	757.7%	81,750	223.6%	346,270	212,400	63.0%
NYISO ZONE G 5MW D AH PK	T3	2,340	8,275	-71.7%	635	268.5%	3,395	21,560	-84.3%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0.0%	0	109,600	-100.0%
NYISO ZONE J 5MW D AH PK	D3	0	2,340	-100.0%	0	0.0%	0	7,640	-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	1,060	-100.0%	0	0.0%	0	6,772	-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	10	-100.0%	0	0.0%	10	140	-92.9%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	0	210	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	275	-100.0%	275	48	472.9%
PANHANDLE INDEX SWAP FUTU	IV	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	XH	0	864	-100.0%	0	0.0%	0	864	-100.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	118	104	13.5%	221	-46.6%	410	242	69.4%
PETROCHEMICALS	32	213	104	104.8%	184	15.8%	569	414	37.4%
PETROCHEMICALS	51	0	0	-	0	0.0%	3	0	-
PETROCHEMICALS	8I	777	1,800	-56.8%	1,421	-45.3%	2,415	2,667	-9.4%
PETROCHEMICALS	91	546	233	134.3%	624	-12.5%	1,821	784	132.3%
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
PETROCHEMICALS	JKM	1,150	0	-	30	3,733.3%	1,445	0	-
PETROCHEMICALS	LPE	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	MAC	0	10	-100.0%	0	0.0%	0	50	-100.0%
PETROCHEMICALS	MAE	250	10	2,400.0%	210	19.0%	530	10	5,200.0%
PETROCHEMICALS	MAS	140	10	1,300.0%	120	16.7%	360	95	278.9%
PETROCHEMICALS	MBE	520	775	-32.9%	1,090	-52.3%	3,010	3,595	-16.3%
PETROCHEMICALS	MNB	2,575	1,044	146.6%	1,458	76.6%	5,763	2,509	129.7%
PETROCHEMICALS	MPS	70	0	-	90	-22.2%	230	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	0	64	-100.0%	0	0.0%	0	264	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	55	-100.0%	409	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	150	0	0.0%	0	0.0%	765	610	25.4%
PETRO CRCKS & SPRDS NA	EXR	2,605	3,072	-15.2%	3,244	-19.7%	8,925	9,983	-10.6%
PETRO CRCKS & SPRDS NA	FOC	1,300	990	31.3%	900	44.4%	2,400	2,365	1.5%
PETRO CRCKS & SPRDS NA	GBB	213	740	-71.2%	737	-71.1%	2,175	2,390	-9.0%
PETRO CRCKS & SPRDS NA	GCC	400	325	23.1%	0	0.0%	800	325	146.2%
PETRO CRCKS & SPRDS NA	GCI	1,054	1,730	-39.1%	916	15.1%	5,233	4,511	16.0%
PETRO CRCKS & SPRDS NA	GCM	21	0	0.0%	0	0.0%	21	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	7,060	5,527	27.7%	7,111	-0.7%	29,417	23,164	27.0%
PETRO CRCKS & SPRDS NA	GFC	0	200	-100.0%	0	0.0%	0	485	-100.0%
PETRO CRCKS & SPRDS NA	HOB	3,315	2,238	48.1%	1,011	227.9%	5,311	6,201	-14.4%
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	86	-100.0%	50	-100.0%	50	86	-41.9%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	4,444	7,934	-44.0%	2,803	58.5%	13,310	29,395	-54.7%
PETRO CRCKS & SPRDS NA	RVG	17,962	17,455	2.9%	13,400	34.0%	51,179	47,011	8.9%
PETRO CRCKS & SPRDS NA	SF3	36	0	0.0%	150	-76.0%	201	6	3,250.0%
PETRO CRK&SPRD EURO	1NB	1,935	1,749	10.6%	2,982	-35.1%	6,362	5,004	27.1%
PETRO CRK&SPRD EURO	1ND	0	0	-	100	-100.0%	100	0	-
PETRO CRK&SPRD EURO	43	260	201	29.4%	410	-36.6%	1,138	610	86.6%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	1,621	2,248	-27.9%	1,138	42.4%	5,075	7,530	-32.6%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	0.0%	0	0	-

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Energy Futures									
PETRO CRK&SPRD EURO	EGN	0	0	-	0	0.0%	0	0	-
PETRO CRK&SPRD EURO	EOB	15	48	-68.8%	5	200.0%	108	68	58.8%
PETRO CRK&SPRD EURO	EPN	1,233	576	114.1%	979	25.9%	3,405	1,248	172.8%
PETRO CRK&SPRD EURO	EVC	1,776	3,657	-51.4%	1,761	0.9%	6,146	10,590	-42.0%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	30	-100.0%	30	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	200	-100.0%	0	0.0%	175	400	-56.3%
PETRO CRK&SPRD EURO	GOC	15	5	200.0%	24	-37.5%	84	35	140.0%
PETRO CRK&SPRD EURO	MGB	80	30	166.7%	0	0.0%	80	70	14.3%
PETRO CRK&SPRD EURO	MUD	23	222	-89.6%	80	-71.3%	123	486	-74.7%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	5	-100.0%	30	38	-21.1%
PETRO CRK&SPRD EURO	NOB	1,324	1,468	-9.8%	1,885	-29.8%	5,421	3,328	62.9%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0.0%	0	130	-100.0%
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	3,434	2,535	35.5%	7,468	-54.0%	19,009	10,039	89.4%
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	-	30	-100.0%	30	0	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	15	-100.0%	0	0.0%	0	504	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	304	-100.0%	344	15	2,193.3%
PETROLEUM PRODUCTS ASIA	MJN	1,605	2,151	-25.4%	1,651	-2.8%	6,785	5,392	25.8%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0.0%	0	25	-100.0%
PETRO OUTRIGHT EURO	OB	0	0	0.0%	30	-100.0%	50	43	16.3%
PETRO OUTRIGHT EURO	OC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	OD	1,162	3,025	-61.6%	771	50.7%	2,974	8,855	-66.4%
PETRO OUTRIGHT EURO	OE	0	676	-100.0%	10	-100.0%	10	2,067	-99.5%
PETRO OUTRIGHT EURO	OF	592	1,630	-63.7%	655	-9.6%	1,772	4,043	-56.2%
PETRO OUTRIGHT EURO	1T	0	36	-100.0%	0	0.0%	15	36	-58.3%
PETRO OUTRIGHT EURO	33	0	60	-100.0%	0	0.0%	0	80	-100.0%
PETRO OUTRIGHT EURO	5L	0	85	-100.0%	33	-100.0%	43	304	-85.9%
PETRO OUTRIGHT EURO	63	5	5	0.0%	12	-58.3%	37	357	-89.6%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0.0%	0	2	-100.0%
PETRO OUTRIGHT EURO	7I	0	17	-100.0%	0	0.0%	64	359	-82.2%

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Energy Futures									
PETRO OUTRIGHT EURO	7R	145	335	-56.7%	459	-68.4%	978	718	36.2%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0.0%	50	0	0.0%
PETRO OUTRIGHT EURO	CBB	35	0	0.0%	0	0.0%	55	42	31.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	CPB	826	571	44.7%	669	23.5%	2,135	1,618	32.0%
PETRO OUTRIGHT EURO	EFF	0	45	-100.0%	0	0.0%	0	220	-100.0%
PETRO OUTRIGHT EURO	EFM	0	5	-100.0%	0	0.0%	0	130	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	45	-100.0%	55	60	-8.3%
PETRO OUTRIGHT EURO	ESB	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	EWN	606	606	0.0%	507	19.5%	2,287	1,974	15.9%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	MBB	0	30	-100.0%	96	-100.0%	136	120	13.3%
PETRO OUTRIGHT EURO	MBN	1,652	1,050	57.3%	1,089	51.7%	4,016	2,238	79.4%
PETRO OUTRIGHT EURO	SMU	150	0	0.0%	100	50.0%	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	200	75	166.7%	0	0.0%	680	150	353.3%
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	64	209	-69.4%	7	814.3%	199	522	-61.9%
PETRO OUTRIGHT NA	FOM	0	10	-100.0%	0	0.0%	0	10	-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	24	18	33.3%	45	-46.7%	69	18	283.3%
PETRO OUTRIGHT NA	JET	2,850	4,573	-37.7%	3,015	-5.5%	7,755	15,069	-48.5%
PETRO OUTRIGHT NA	JTB	825	0	-	450	83.3%	1,775	0	-
PETRO OUTRIGHT NA	MBL	10	77	-87.0%	0	0.0%	10	135	-92.6%
PETRO OUTRIGHT NA	MEN	403	909	-55.7%	329	22.5%	833	2,250	-63.0%
PETRO OUTRIGHT NA	MEO	3,233	15,779	-79.5%	4,971	-35.0%	12,302	37,755	-67.4%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	30	-100.0%	30	0	0.0%
PETRO OUTRIGHT NA	MMF	9	28	-67.9%	18	-50.0%	35	323	-89.2%
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	28,032	4,240	561.1%	0	0.0%	28,032	264,125	-89.4%
PJM AD HUB 5MW REAL TIME	Z9	2,413	1,280	88.5%	0	0.0%	7,513	16,160	-53.5%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0.0%	0	0	0.0%



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Energy Futures									
PJM AECO DA PEAK	Y1	0	0	0.0%	0	0.0%	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	W4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM APS ZONE DA PEAK	S4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0.0%	0	46,800	-100.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0.0%	0	2,550	-100.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0.0%	0	38,590	-100.0%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0.0%	0	2,125	-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	200	-100.0%	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	4,620	-100.0%	0	0.0%	5,100	34,635	-85.3%
PJM NI HUB 5MW REAL TIME	B6	0	122,080	-100.0%	0	0.0%	0	910,270	-100.0%
PJM NILL DA OFF-PEAK	L3	0	9,871	-100.0%	0	0.0%	0	154,093	-100.0%
PJM NILL DA PEAK	N3	0	514	-100.0%	0	0.0%	0	16,882	-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	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	0	0	0.0%	0	0.0%	46,800	7,500	524.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0.0%	2,550	460	454.3%
PJM WESTH RT OFF-PEAK	N9	0	192,005	-100.0%	23,400	-100.0%	70,200	563,335	-87.5%
PJM WESTH RT PEAK	L1	8,944	12,745	-29.8%	3,000	198.1%	24,594	54,422	-54.8%
PLASTICS	PGP	250	365	-31.5%	700	-64.3%	1,282	1,395	-8.1%
PREMIUM UNLD 10P FOB MED	3G	265	62	327.4%	783	-66.2%	1,311	221	493.2%
PREMIUM UNLEAD 10PPM FOB	8G	10	5	100.0%	70	-85.7%	165	21	685.7%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	7	-100.0%	80	-100.0%	80	7	1,042.9%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	11	-100.0%	10	-100.0%	10	32	-68.8%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,035	520	99.0%	469	120.7%	1,764	3,329	-47.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	14,845	10,035	47.9%	9,535	55.7%	29,916	31,451	-4.9%

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Energy Futures									
RBOB CALENDAR SWAP	RL	4,080	5,537	-26.3%	3,712	9.9%	11,940	22,141	-46.1%
RBOB CRACK SPREAD	RM	542	335	61.8%	415	30.6%	2,572	1,619	58.9%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	616	343	79.6%	661	-6.8%	1,503	1,942	-22.6%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	0.0%	0	-	0	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	0	0.0%	0	-	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	150	1,475	-89.8%	0	0.0%	550	8,960	-93.9%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	-	0	0	0.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	31	-100.0%	31	0	0.0%
SINGAPORE 180CST BALMO	BS	25	60	-58.3%	35	-28.6%	120	132	-9.1%
SINGAPORE 380CST BALMO	BT	133	158	-15.8%	101	31.7%	289	540	-46.5%
SINGAPORE 380CST FUEL OIL	SE	7,439	11,812	-37.0%	4,334	71.6%	18,103	40,571	-55.4%
SINGAPORE FUEL 180CST CAL	UA	546	803	-32.0%	765	-28.6%	2,040	4,090	-50.1%
SINGAPORE FUEL OIL SPREAD	SD	1,604	706	127.2%	736	117.9%	2,615	2,915	-10.3%
SINGAPORE GASOIL	MTB	190	160	18.7%	6	3,066.7%	268	528	-49.2%
SINGAPORE GASOIL	MTS	5,431	5,466	-0.6%	5,293	2.6%	15,195	16,460	-7.7%
SINGAPORE GASOIL	STL	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL	STZ	150	300	-50.0%	225	-33.3%	4,150	400	937.5%
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	0.0%	50	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	0.0%	250	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	0.0%	0	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	90	-100.0%	200	0	-
SINGAPORE GASOIL CALENDAR	MSG	110	740	-85.1%	10	1,000.0%	3,759	1,174	220.2%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	100	-100.0%	325	0	-
SINGAPORE GASOIL SWAP	SG	1,315	15,419	-91.5%	1,853	-29.0%	15,527	36,203	-57.1%
SINGAPORE GASOIL VS ICE	GA	14,815	17,429	-15.0%	18,920	-21.7%	64,735	39,420	64.2%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	165	-100.0%	165	257	-35.8%
SINGAPORE JET KERO GASOIL	RK	2,425	2,115	14.7%	7,715	-68.6%	18,120	7,305	148.0%
SINGAPORE JET KEROSENE SW	KS	565	940	-39.9%	2,020	-72.0%	3,635	4,644	-21.7%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	25	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	225	0	0.0%	483	-53.4%	1,363	107	1,173.8%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	13,451	5,482	145.4%	15,745	-14.6%	52,645	26,876	95.9%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	200	-100.0%	200	0	-



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Commodity		VOLUME MAR 2018	VOLUME MAR 2017	% CHG	VOLUME FEB 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
SING FUEL	MSD	0	15	-100.0%	0	0.0%	0	25	-100.0%
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%
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	1,496	-100.0%	91	-100.0%	91	2,954	-96.9%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	172	0	-	226	-23.9%	518	0	-
TC5 RAS TANURA TO YOKOHAM	TH	20	0	0.0%	145	-86.2%	220	0	0.0%
TCO BASIS SWAP	TC	0	1,467	-100.0%	0	0.0%	0	2,348	-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	1,030	0	-	496	107.7%	1,805	0	-
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 500 LEG BASIS S	NM	0	428	-100.0%	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	856	-100.0%	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	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	0.0%	0	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	642	-100.0%	0	0.0%	0	5,488	-100.0%
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	302	-100.0%	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	20	30	-33.3%	0	0.0%	50	61	-18.0%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF MED SWAP	Z6	0	10	-100.0%	0	0.0%	0	10	-100.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	5	-100.0%	14	6	133.3%
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	3,500	3,835	-8.7%	4,170	-16.1%	14,240	14,390	-1.0%
UP DOWN GC ULSD VS NMX HO	LT	30,926	41,161	-24.9%	29,454	5.0%	112,196	140,768	-20.3%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	-	0	0	0.0%
WAHA BASIS	NW	0	0	0.0%	688	-100.0%	2,086	731	185.4%

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Commodity		VOLUME MAR 2018	VOLUME MAR 2017	% CHG	VOLUME FEB 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Energy Futures									
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0.0%	0	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	120	-100.0%	15	-100.0%	15	540	-97.2%
WTI-BRENT BULLET SWAP	BY	0	200	-100.0%	0	0.0%	0	404	-100.0%
WTI-BRENT CALENDAR SWAP	BK	34,796	4,052	758.7%	29,542	17.8%	116,309	27,632	320.9%
WTI CALENDAR	CS	29,601	32,679	-9.4%	33,220	-10.9%	110,441	112,772	-2.1%
WTS (ARGUS) VS WTI SWAP	FF	10,838	3,705	192.5%	10,530	2.9%	32,198	10,389	209.9%
WTS (ARGUS) VS WTI TRD MT	FH	72	590	-87.8%	150	-52.0%	222	2,410	-90.8%
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	-	3,000	-100.0%	3,000	0	-
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0.0%	1,140	1,962	-41.9%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	0.0%	2,000	0	-
BRENT CRUDE OIL 1 M CSO	9C	122,200	0	-	0	-	122,200	0	-
BRENT OIL LAST DAY	BE	32,815	5,190	532.3%	1,500	2,087.7%	34,815	6,108	470.0%
BRENT OIL LAST DAY	BZO	124,942	19,382	544.6%	102,889	21.4%	323,460	57,822	459.4%
BRENT OIL LAST DAY	OS	0	1,000	-100.0%	1,000	-100.0%	1,040	1,048	-0.8%
COAL API2 INDEX	CLA	1,055	1,240	-14.9%	1,075	-1.9%	2,740	3,886	-29.5%
COAL API2 INDEX	CQA	275	510	-46.1%	225	22.2%	650	580	12.1%
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	45	-100.0%	0	0.0%	0	85	-100.0%
CRUDE OIL 1MO	WA	91,250	216,101	-57.8%	175,260	-47.9%	500,985	539,983	-7.2%
CRUDE OIL APO	AO	66,502	22,443	196.3%	41,902	58.7%	171,969	97,690	76.0%
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	925	2,025	-54.3%	850	8.8%	3,175	5,425	-41.5%
CRUDE OIL PHY	LC	9,424	44,869	-79.0%	13,312	-29.2%	39,701	97,049	-59.1%
CRUDE OIL PHY	LO	3,355,272	5,142,006	-34.7%	4,041,461	-17.0%	11,197,993	10,869,437	3.0%
CRUDE OIL PHY	LO1	6,473	10,685	-39.4%	11,407	-43.3%	33,652	26,593	26.5%
CRUDE OIL PHY	LO2	7,009	15,902	-55.9%	15,223	-54.0%	37,293	25,871	44.1%

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Energy Options									
CRUDE OIL PHY	LO3	7,138	6,892	3.6%	8,273	-13.7%	31,090	16,052	93.7%
CRUDE OIL PHY	LO4	16,266	7,834	107.6%	9,204	76.7%	39,581	26,278	50.6%
CRUDE OIL PHY	LO5	13,277	13,633	-2.6%	0	0.0%	13,277	13,633	-2.6%
ELEC FINSETTLED	PML	0	0	0.0%	0	-	0	0	0.0%
ELEC MISO PEAK	9T	0	820	-100.0%	0	0.0%	0	820	-100.0%
ETHANOL	CE1	100	35	185.7%	0	0.0%	100	50	100.0%
ETHANOL	CE3	0	0	0.0%	0	0.0%	0	300	-100.0%
ETHANOL SWAP	CVR	7,151	5,032	42.1%	7,206	-0.8%	24,507	16,312	50.2%
ETHANOL SWAP	GVR	78	255	-69.4%	825	-90.5%	1,083	255	324.7%
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	23,526	29,666	-20.7%	52,313	-55.0%	108,965	79,158	37.7%
HENRY HUB FINANCIAL LAST	E7	1,671	2,754	-39.3%	2,372	-29.6%	13,062	12,661	3.2%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WJO	0	1,800	-100.0%	100	-100.0%	100	5,100	-98.0%
LLS CRUDE OIL	YVO	0	0	-	0	0.0%	0	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	540	-100.0%	90	-100.0%	90	540	-83.3%
MCCLOSKEY RCH BAY COAL	MFO	675	0	0.0%	550	22.7%	1,525	0	0.0%
NATURAL GAS	G10	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	0	17,700	-100.0%	66,675	-100.0%	212,542	56,000	279.5%
NATURAL GAS 2 M CSO FIN	G2	0	2,000	-100.0%	0	0.0%	0	2,750	-100.0%
NATURAL GAS 3 M CSO FIN	G3	30	8,700	-99.7%	5,450	-99.4%	6,481	13,900	-53.4%
NATURAL GAS 5 M CSO FIN	G5	1,450	1,175	23.4%	0	0.0%	1,450	3,225	-55.0%
NATURAL GAS 6 M CSO FIN	G6	24,200	20,120	20.3%	23,800	1.7%	62,650	33,870	85.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	1,320	3,160	-58.2%	1,500	-12.0%	13,824	3,680	275.7%
NATURAL GAS PHY	KD	11,016	37,483	-70.6%	20,260	-45.6%	73,234	89,713	-18.4%
NATURAL GAS PHY	LN	1,084,375	2,341,100	-53.7%	1,769,109	-38.7%	7,068,945	7,260,789	-2.6%
NATURAL GAS PHY	ON	91,745	199,373	-54.0%	128,816	-28.8%	624,362	678,221	-7.9%
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	1,056	-100.0%



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Energy Options									
NY HARBOR HEAT OIL SWP	AT	2,287	2,504	-8.7%	5,457	-58.1%	9,887	9,053	9.2%
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	2,880	-100.0%	0	0.0%	0	2,880	-100.0%
PETROCHEMICALS	4H	0	347	-100.0%	445	-100.0%	1,633	1,782	-8.4%
PETROCHEMICALS	4J	0	50	-100.0%	1,350	-100.0%	1,350	1,925	-29.9%
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%
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	60	220	-72.7%	20	200.0%	80	2,060	-96.1%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	880	-100.0%	880	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	764	1,710	-55.3%	691	10.6%	2,993	8,167	-63.4%
RBOB 1MO CAL SPD OPTIONS	ZA	300	0	0.0%	200	50.0%	500	0	0.0%
RBOB CALENDAR SWAP	RA	150	105	42.9%	300	-50.0%	450	1,565	-71.2%
RBOB PHY	OB	8,412	24,272	-65.3%	14,479	-41.9%	38,084	57,718	-34.0%
RBOB PHY	RF	0	0	0.0%	125	-100.0%	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	0	270	-100.0%	0	0.0%	0	630	-100.0%
SHORT TERM	U11	0	0	0.0%	0	0.0%	300	770	-61.0%
SHORT TERM	U12	0	0	0.0%	110	-100.0%	210	595	-64.7%
SHORT TERM	U13	0	100	-100.0%	0	0.0%	0	925	-100.0%
SHORT TERM	U14	0	100	-100.0%	635	-100.0%	635	800	-20.6%
SHORT TERM	U15	250	575	-56.5%	25	900.0%	275	1,615	-83.0%
SHORT TERM	U22	0	200	-100.0%	0	0.0%	1,025	450	127.8%
SHORT TERM	U23	150	250	-40.0%	0	0.0%	330	620	-46.8%
SHORT TERM	U24	0	200	-100.0%	0	0.0%	100	500	-80.0%
SHORT TERM	U25	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	125	725	-82.8%
SHORT TERM NATURAL GAS	U02	520	265	96.2%	455	14.3%	975	855	14.0%
SHORT TERM NATURAL GAS	U03	0	140	-100.0%	0	0.0%	130	890	-85.4%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	250	75	233.3%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	400	-100.0%	425	50	750.0%

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Energy Options									
SHORT TERM NATURAL GAS	U06	0	1,175	-100.0%	0	0.0%	0	3,900	-100.0%
SHORT TERM NATURAL GAS	U07	0	425	-100.0%	250	-100.0%	250	1,175	-78.7%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	325	-100.0%	1,225	1,850	-33.8%
SHORT TERM NATURAL GAS	U09	100	215	-53.5%	125	-20.0%	276	1,380	-80.0%
SHORT TERM NATURAL GAS	U10	0	1,150	-100.0%	0	0.0%	100	3,400	-97.1%
SHORT TERM NATURAL GAS	U16	50	100	-50.0%	135	-63.0%	585	400	46.3%
SHORT TERM NATURAL GAS	U17	0	150	-100.0%	0	0.0%	220	1,155	-81.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	500	0	0.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	60	805	-92.5%
SHORT TERM NATURAL GAS	U20	0	100	-100.0%	0	0.0%	0	1,475	-100.0%
SHORT TERM NATURAL GAS	U21	0	400	-100.0%	0	0.0%	0	415	-100.0%
SHORT TERM NATURAL GAS	U27	200	25	700.0%	50	300.0%	250	1,750	-85.7%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	100	-100.0%	100	200	-50.0%
SHORT TERM NATURAL GAS	U29	200	0	0.0%	0	0.0%	300	0	0.0%
SHORT TERM NATURAL GAS	U30	0	250	-100.0%	0	0.0%	100	660	-84.8%
SHORT TERM NATURAL GAS	U31	0	2,955	-100.0%	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	156,858	39,600	296.1%	121,992	28.6%	385,728	159,860	141.3%
WTI CRUDE OIL 1 M CSO FI	7A	86,625	71,700	20.8%	40,375	114.6%	203,550	172,100	18.3%
Metals Futures									
COMEX GOLD	GC	8,036,082	6,119,367	31.3%	6,078,568	32.2%	23,276,524	16,490,614	41.2%
NYMEX HOT ROLLED STEEL	HR	9,655	2,897	233.3%	9,072	6.4%	29,162	11,268	158.8%
NYMEX PLATINUM	PL	562,720	515,593	9.1%	346,507	62.4%	1,353,301	1,148,105	17.9%
PALLADIUM	PA	101,277	98,308	3.0%	164,476	-38.4%	364,553	351,915	3.6%
URANIUM	UX	200	744	-73.1%	35	471.4%	885	2,294	-61.4%
COMEX SILVER	SI	1,842,321	1,495,885	23.2%	2,155,693	-14.5%	6,184,629	4,719,243	31.1%
COMEX E-Mini GOLD	QO	6,801	10,981	-38.1%	6,625	2.7%	21,557	31,007	-30.5%
COMEX E-Mini SILVER	QI	1,258	860	46.3%	1,499	-16.1%	3,758	2,686	39.9%
COMEX COPPER	HG	2,510,551	1,823,106	37.7%	3,000,594	-16.3%	8,272,369	5,868,456	41.0%
COMEX MINY COPPER	QC	402	1,030	-61.0%	784	-48.7%	1,868	2,824	-33.9%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	30	-100.0%

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Metals Futures									
ALUMINUM	AEP	1,498	1,564	-4.2%	2,310	-35.2%	4,048	14,054	-71.2%
ALUMINUM	ALA	30	100	-70.0%	50	-40.0%	875	100	775.0%
ALUMINUM	ALI	0	1,162	-100.0%	0	0.0%	0	4,311	-100.0%
ALUMINUM	AUP	12,182	5,293	130.2%	14,485	-15.9%	39,253	29,787	31.8%
ALUMINUM	CUP	0	0	-	120	-100.0%	205	0	-
ALUMINUM	EDP	2,150	600	258.3%	3,768	-42.9%	6,518	602	982.7%
ALUMINUM	MJP	4,395	1,614	172.3%	990	343.9%	6,105	4,658	31.1%
COPPER	HGS	3,847	141	2,628.4%	1,682	128.7%	9,382	616	1,423.1%
E-MICRO GOLD	MGC	117,149	99,109	18.2%	125,962	-7.0%	385,747	260,257	48.2%
FERROUS PRODUCTS	BUS	779	15	5,093.3%	5,461	-85.7%	7,707	185	4,065.9%
GOLD	GPS	0	0	0.0%	0	0.0%	0	0	0.0%
Gold Kilo	GCK	35	323	-89.2%	37	-5.4%	76	1,401	-94.6%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	300	-100.0%	0	0.0%	0	1,292	-100.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	5,870	13,115	-55.2%	1,777	230.3%	10,825	32,677	-66.9%
LNDN ZINC	ZNC	0	0	0.0%	4	-100.0%	33	20	65.0%
METALS	LED	0	0	0.0%	0	-	0	0	0.0%
SILVER	SIL	5,150	4,468	15.3%	8,571	-39.9%	19,933	15,047	32.5%
Metals Options									
COMEX COPPER	HX	17,801	4,128	331.2%	19,964	-10.8%	57,852	11,943	384.4%
COMEX GOLD	OG	940,584	926,386	1.5%	985,269	-4.5%	2,883,383	2,350,239	22.7%
COMEX SILVER	SO	125,745	129,651	-3.0%	129,964	-3.2%	413,993	304,876	35.8%
GOLD	OG1	9,447	2,619	260.7%	8,508	11.0%	30,371	7,275	317.5%
GOLD	OG2	6,822	3,092	120.6%	7,944	-14.1%	25,196	7,024	258.7%
GOLD	OG3	6,800	4,213	61.4%	10,616	-35.9%	28,361	9,541	197.3%
GOLD	OG4	4,614	1,260	266.2%	3,584	28.7%	15,426	2,766	457.7%
GOLD	OG5	6,835	2,608	162.1%	0	0.0%	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	200	1,500	-86.7%	0	0.0%	200	4,582	-95.6%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	360	6,840	-94.7%	540	-33.3%	1,080	12,225	-91.2%
NYMEX PLATINUM	PO	3,477	1,212	186.9%	3,412	1.9%	11,593	7,758	49.4%
PALLADIUM	PAO	3,184	2,095	52.0%	3,375	-5.7%	9,772	8,895	9.9%
SILVER	SO1	350	28	1,150.0%	127	175.6%	500	112	346.4%
SILVER	SO2	155	98	58.2%	74	109.5%	235	140	67.9%
SILVER	SO3	267	8	3,237.5%	160	66.9%	437	180	142.8%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME MAR 2018	VOLUME MAR 2017	% CHG	VOLUME FEB 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Metals Options								
SILVER SO4	98	5	1,860.0%	168	-41.7%	319	36	786.1%
SILVER SO5	133	0	0.0%	0	0.0%	133	0	0.0%
TOTAL FUTURES GROUP								
Ag Products Futures	0	35	-100.0%	0	0.0%	2	71	-97.2%
Energy Futures	44,013,951	48,252,760	-8.8%	46,646,806	-5.6%	146,551,705	134,096,016	9.3%
Metals Futures	13,224,352	10,196,575	29.7%	11,929,070	10.9%	39,999,313	28,993,449	38.0%
TOTAL FUTURES	57,238,303	58,449,370	-2.1%	58,575,876	-2.3%	186,551,020	163,089,536	14.4%
TOTAL OPTIONS GROUP								
Energy Options	5,359,086	8,334,353	-35.7%	6,694,571	-19.9%	21,426,797	20,517,842	4.4%
Metals Options	1,126,872	1,085,743	3.8%	1,173,705	-4.0%	3,485,686	2,730,200	27.7%
TOTAL OPTIONS	6,485,958	9,420,096	-31.1%	7,868,276	-17.6%	24,912,483	23,248,042	7.2%
TOTAL COMBINED								
Ag Products	0	35	-100.0%	0	-	2	71	-97.2%
Energy	49,373,037	56,587,113	-12.7%	53,341,377	-7.4%	167,978,502	154,613,858	8.6%
Metals	14,351,224	11,282,318	27.2%	13,102,775	9.5%	43,484,999	31,723,649	37.1%
GRAND TOTAL	63,724,261	67,869,466	-6.1%	66,444,152	-4.1%	211,463,503	186,337,578	13.5%

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