



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2017	VOLUME NOV 2016	% CHG	VOLUME OCT 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Commodities and Alternative Investments Futures</b>									
COCOA TAS	CJ	1	14	-92.9%	3	-66.7%	87	2,594	-96.6%
COFFEE	KT	1	1	0.0%	0	0.0%	41	169	-75.7%
COTTON	TT	3	2	50.0%	0	0.0%	19	577	-96.7%
SUGAR 11	YO	0	3	-100.0%	0	0.0%	42	418	-90.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	27,635,706	27,374,621	1.0%	25,030,682	10.4%	289,848,062	252,787,453	14.7%
CRUDE OIL	WS	15,209	3,039	400.5%	6,854	121.9%	74,500	86,428	-13.8%
MINY WTI CRUDE OIL	QM	235,179	303,394	-22.5%	233,943	0.5%	2,834,261	3,152,321	-10.1%
BRENT OIL LAST DAY	BZ	1,570,370	2,534,063	-38.0%	1,440,978	9.0%	20,545,281	21,614,834	-4.9%
HEATING OIL PHY	HO	3,549,278	3,518,657	0.9%	3,849,612	-7.8%	40,091,791	36,071,642	11.1%
HTG OIL	BH	0	76	-100.0%	72	-100.0%	340	5,502	-93.8%
MINY HTG OIL	QH	4	5	-20.0%	3	33.3%	32	100	-68.0%
RBOB PHY	RB	3,717,345	3,844,730	-3.3%	3,734,544	-0.5%	46,542,436	42,207,184	10.3%
MINY RBOB GAS	QU	4	4	0.0%	4	0.0%	47	49	-4.1%
NATURAL GAS	HP	114,877	155,285	-26.0%	124,425	-7.7%	1,516,795	1,440,746	5.3%
LTD NAT GAS	HH	313,343	247,318	26.7%	266,133	17.7%	3,223,958	2,567,442	25.6%
MINY NATURAL GAS	QG	28,377	36,825	-22.9%	24,478	15.9%	271,600	290,589	-6.5%
PJM MONTHLY	JM	0	48	-100.0%	0	0.0%	120	2,946	-95.9%
NATURAL GAS PHY	NG	10,006,515	9,073,260	10.3%	10,583,256	-5.4%	97,891,189	87,677,648	11.6%
RBOB GAS	RT	1,850	4,022	-54.0%	2,192	-15.6%	26,546	17,205	54.3%
3.5% FUEL OIL CID MED SWA	7D	70	315	-77.8%	48	45.8%	1,035	2,965	-65.1%
3.5% FUEL OIL CIF BALMO S	8D	0	30	-100.0%	0	0.0%	175	307	-43.0%
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	240	-100.0%
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	6,224	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	56	-100.0%	0	0.0%	0	8,161	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	121	-100.0%	0	0.0%	0	121	-100.0%
ANR OKLAHOMA	NE	0	302	-100.0%	0	0.0%	0	4,787	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0.0%	0	130	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	55,150	11,132	395.4%	23,165	138.1%	159,972	135,904	17.7%
ARGUS PROPAN FAR EST INDE	7E	3,932	1,620	142.7%	3,201	22.8%	28,462	17,184	65.6%



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ARGUS PROPAN(SAUDI ARAMCO	9N	1,106	648	70.7%	1,194	-7.4%	11,496	9,518	20.8%
AUSTRIALIAN COKE COAL	ACT	120	0	-	0	-	120	0	-
AUSTRIALIAN COKE COAL	ALW	0	542	-100.0%	0	0.0%	1,003	4,569	-78.0%
BRENT BALMO SWAP	J9	0	76	-100.0%	0	0.0%	578	2,043	-71.7%
BRENT CALENDAR SWAP	CY	2,555	419	509.8%	2,239	14.1%	30,743	19,421	58.3%
BRENT CFD SWAP	6W	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	BB	1,010	0	0.0%	1,022	-1.2%	43,043	2,902	1,383.2%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	0	1,424	-100.0%
BRENT FINANCIAL FUTURES	MDB	52	0	0.0%	0	0.0%	330	2,513	-86.9%
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%	7,940	17,930	-55.7%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	0.0%	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	630	-100.0%	30	-100.0%	7,344	20,460	-64.1%
CENTERPOINT BASIS SWAP	PW	465	0	0.0%	0	0.0%	999	13,180	-92.4%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0.0%	0	740	-100.0%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	109,511	140,457	-22.0%	131,831	-16.9%	1,247,194	1,147,184	8.7%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	155	0	0.0%	45	244.4%	1,638	2,738	-40.2%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	2,090	-100.0%
CIG BASIS	CI	730	3,461	-78.9%	0	0.0%	1,456	81,620	-98.2%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0.0%	720	1,054	-31.7%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	0.0%	0	60	-100.0%
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	23,480	-100.0%	0	0.0%	326,080	322,440	1.1%
CIN HUB 5MW D AH PK	H5	600	218	175.2%	508	18.1%	18,293	20,978	-12.8%
CIN HUB 5MW REAL TIME O P	H4	0	59,040	-100.0%	0	0.0%	397,000	1,053,024	-62.3%
CIN HUB 5MW REAL TIME PK	H3	0	870	-100.0%	210	-100.0%	25,625	66,431	-61.4%
COAL SWAP	ACM	70	400	-82.5%	110	-36.4%	1,675	3,023	-44.6%
COAL SWAP	SSI	0	0	0.0%	0	0.0%	0	187	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	121	-100.0%	0	0.0%	999	22,041	-95.5%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0.0%	0	2,208	-100.0%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	0.0%	0	-	0	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0.0%	1,332	3,108	-57.1%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	120	30	300.0%	263	-54.4%	2,950	1,691	74.5%

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CONWAY NORMAL BUTANE (OPIS) SWAP	8M	75	51	47.1%	605	-87.6%	8,040	2,595	209.8%
CONWAY PROPANE 5 DECIMALS SWAP	8K	10,550	7,882	33.8%	7,336	43.8%	99,017	80,240	23.4%
CRUDE OIL	CHB	0	0	0.0%	0	0.0%	0	60	-100.0%
CRUDE OIL	LPS	2,814	5,373	-47.6%	4,509	-37.6%	42,069	53,993	-22.1%
CRUDE OIL OUTRIGHTS	37	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	42	140	30	366.7%	0	0.0%	5,787	1,011	472.4%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	0	0.0%	600	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	0.0%	30	0	-
CRUDE OIL OUTRIGHTS	CSW	155	565	-72.6%	350	-55.7%	2,705	2,185	23.8%
CRUDE OIL OUTRIGHTS	DBL	411	0	0.0%	0	0.0%	2,036	850	139.5%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	330	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	45	80	-43.8%	45	0.0%	200	170	17.6%
CRUDE OIL OUTRIGHTS	HTT	42,980	2,025	2,022.5%	44,615	-3.7%	210,365	23,148	808.8%
CRUDE OIL OUTRIGHTS	LSW	1,215	0	-	1,575	-22.9%	4,125	0	-
CRUDE OIL OUTRIGHTS	SSW	0	0	-	90	-100.0%	960	0	-
CRUDE OIL OUTRIGHTS	WCC	0	1,845	-100.0%	0	0.0%	24,737	51,719	-52.2%
CRUDE OIL OUTRIGHTS	WCW	17,085	0	-	8,296	105.9%	72,796	0	-
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%	0	675	-100.0%
CRUDE OIL SPRDS	WTT	42,885	6,005	614.2%	35,045	22.4%	140,564	43,617	222.3%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	2,720	-100.0%
DAILY PJM	ZAO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	0.0%	0	0.0%	1,400	200	600.0%
DATED TO FRONTLINE BRENT	FY	400	5,525	-92.8%	500	-20.0%	14,450	20,585	-29.8%

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DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0.0%	0	800	-100.0%
DEMARC SWING SWAP	DT	0	0	0.0%	0	0.0%	0	62	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	125	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	0.0%	3	0	-
DIESEL10PPM BARG VS ICE LS	LSE	0	0	0.0%	0	-	0	0	0.0%
DLY GAS EURO-BOB OXY	GBR	0	0	0.0%	0	0.0%	0	60	-100.0%
DOMINION TRAN INC - APP I	IH	2,920	31	9,319.4%	0	0.0%	2,920	20,026	-85.4%
DOMINION TRANSMISSION INC	PG	4,508	12,618	-64.3%	93	4,747.3%	53,117	223,898	-76.3%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	0	275	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	4,162	5,148	-19.2%	4,950	-15.9%	81,936	23,667	246.2%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0.0%	1,500	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	15	1,425	-98.9%	105	-85.7%	4,855	14,167	-65.7%
EAST/WEST FUEL OIL SPREAD	EW	0	47	-100.0%	0	0.0%	1,255	368	241.0%
EIA FLAT TAX ONHWAY DIESE	A5	116	134	-13.4%	361	-67.9%	7,644	10,672	-28.4%
ELEC ERCOT DLY OFF PK	R4	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	N1	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	R1	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	O1	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	1,270	-100.0%
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%	3,825	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%	70,200	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%	690	0	-
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	0	23,480	-100.0%
ELECTRICITY OFF PEAK	4P	0	0	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	1,840	-100.0%
ELEC WEST POWER PEAK	MDC	0	0	0.0%	0	0.0%	1,540	5,390	-71.4%
EL PASO PERMIAN INDEX SWA	IL	0	0	0.0%	0	0.0%	0	1,612	-100.0%
EMMISSIONS	CPL	0	0	0.0%	0	-	0	0	0.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	0.0%	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	-	0	0.0%	3,880	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	0.0%	0	0.0%	0	0	0.0%

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ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	39,200	0	0.0%	40,000	-2.0%	115,120	4,280	2,589.7%
ERCOT NORTH ZMCPE 5MW PEAK	I5	2,100	0	0.0%	0	0.0%	6,810	235	2,797.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,559	5,504	1.0%	4,787	16.1%	44,045	27,748	58.7%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	0.0%	0	-	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	10	-100.0%	0	0.0%	18	235	-92.3%
EURO 3.5% FUEL OIL RDAM B	KR	740	395	87.3%	242	205.8%	4,877	3,695	32.0%
EURO 3.5% FUEL OIL SPREAD	FK	180	2,859	-93.7%	0	0.0%	4,466	8,813	-49.3%
EURO-DENOMINATED PETRO PROD	IBE	0	0	0.0%	0	-	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NCP	0	198	-100.0%	0	0.0%	1,514	356	325.3%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	5	15	-66.7%	0	0.0%	430	694	-38.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	13	-100.0%	20	-100.0%	709	1,470	-51.8%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0.0%	39	134	-70.9%
EUROPE 3.5% FUEL OIL MED	UI	320	530	-39.6%	168	90.5%	1,701	4,063	-58.1%
EUROPE 3.5% FUEL OIL RDAM	UV	8,695	10,529	-17.4%	5,079	71.2%	78,083	79,158	-1.4%
EUROPEAN GASOIL (ICE)	7F	1,490	11,141	-86.6%	863	72.7%	30,820	1,563,008	-98.0%
EUROPEAN NAPHTHA BALMO	KZ	135	273	-50.5%	187	-27.8%	3,656	1,970	85.6%
EUROPEAN NAPHTHA CRACK SPR	EN	7,541	10,537	-28.4%	4,039	86.7%	75,329	62,816	19.9%
EUROPE DATED BRENT SWAP	UB	0	50	-100.0%	0	0.0%	2,540	26,638	-90.5%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	105	38	176.3%
EUROPE NAPHTHA CALSWAP	UN	1,963	2,267	-13.4%	2,273	-13.6%	29,707	17,100	73.7%
EURO PROPANE CIF ARA SWA	PS	1,740	1,685	3.3%	1,560	11.5%	14,275	14,689	-2.8%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	0.0%	0	0.0%	0	8,310	-100.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0.0%	0	5,449	-100.0%
FREIGHT MARKETS	FLP	18	304	-94.1%	166	-89.2%	1,622	2,289	-29.1%
FUEL OIL CRACK VS ICE	FO	1,588	4,666	-66.0%	3,161	-49.8%	39,399	48,488	-18.7%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	0	32	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	8	-100.0%	20	-100.0%	20	1,129	-98.2%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	0	54	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	171	625	-72.6%	137	24.8%	2,974	3,839	-22.5%
GAS EURO-BOB OXY NWE BARGES	7H	3,197	8,423	-62.0%	4,211	-24.1%	68,825	77,099	-10.7%
GAS EURO-BOB OXY NWE BARGES CRK	7K	17,089	17,515	-2.4%	15,154	12.8%	208,435	158,205	31.7%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0.0%	0	6	-100.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF MED BALMO	X6	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	20	-100.0%	0	0.0%	0	95	-100.0%

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<b>Energy Futures</b>									
GASOIL 0.1CIF MED VS ICE	Z5	0	5	-100.0%	0	0.0%	50	195	-74.4%
GASOIL 0.1 CIF NWE VS ISE	TU	0	15	-100.0%	0	0.0%	0	50	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0.0%	20	5	300.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0.0%	0	5	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	120	0	0.0%	24	400.0%	294	120	145.0%
GASOIL 0.1 ROTTERDAM BARG	VL	45	0	0.0%	10	350.0%	155	30	416.7%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0.0%	25	15	66.7%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0.0%	0	3	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	15	9	66.7%	0	0.0%	727	904	-19.6%
GASOIL BULLET SWAP	BG	0	0	-	0	0.0%	130	0	-
GASOIL CALENDAR SWAP	GX	0	15	-100.0%	0	0.0%	244	329	-25.8%
GASOIL CRACK SPREAD CALEN	GZ	7,395	6,089	21.4%	2,373	211.6%	75,163	56,073	34.0%
GASOIL MINI CALENDAR SWAP	QA	119	226	-47.3%	50	138.0%	1,469	2,635	-44.3%
GASOLINE UP-DOWN BALMO SW	1K	0	0	0.0%	0	0.0%	0	810	-100.0%
GC ULSD VS GC JET SPREAD	VV	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	125	300	-58.3%
GRP THREE ULSD(PLT)VS HEA	A6	5,535	2,365	134.0%	5,710	-3.1%	47,830	30,408	57.3%
GRP THREE UNL GS (PLT) VS	A8	2,005	530	278.3%	2,410	-16.8%	12,139	16,420	-26.1%
GULF COAST 3% FUEL OIL BA	VZ	1,132	1,784	-36.5%	531	113.2%	12,737	8,671	46.9%
GULF COAST GASOLINE CLNDR	GS	0	0	0.0%	0	0.0%	0	1,300	-100.0%
GULF COAST JET FUEL CLNDR	GE	45	126	-64.3%	0	0.0%	988	1,803	-45.2%
GULF COAST JET VS NYM 2 H	ME	27,375	25,749	6.3%	26,746	2.4%	455,089	353,130	28.9%
GULF COAST NO.6 FUEL OIL	MF	59,771	55,765	7.2%	38,929	53.5%	570,037	630,780	-9.6%
GULF COAST NO.6 FUEL OIL	MG	5,278	2,782	89.7%	1,470	259.0%	17,681	9,648	83.3%
GULF COAST ULSD CALENDAR	LY	54	299	-81.9%	491	-89.0%	5,574	9,227	-39.6%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	3,870	6,881	-43.8%
HEATING OIL BALMO CLNDR S	1G	0	19	-100.0%	0	0.0%	830	479	73.3%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	20	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL VS ICE GASOIL	HA	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	9,813	-100.0%	1,712	-100.0%	52,732	198,550	-73.4%
HENRY HUB FINANCIAL LAST	NBP	1,762	0	-	1,482	18.9%	4,257	0	-
HENRY HUB FINANCIAL LAST	TTE	134	0	-	219	-38.8%	887	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	8,806	-100.0%	1,712	-100.0%	50,542	179,440	-71.8%
HENRY HUB SWAP	NN	184,369	407,413	-54.7%	149,205	23.6%	2,050,456	4,643,856	-55.8%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0.0%	0	290	-100.0%

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<b>Energy Futures</b>									
HOUSTON SHIP CHANNEL BASI	NH	5,480	0	0.0%	0	0.0%	9,257	30,400	-69.5%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0.0%	0	186	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0.0%	719	0	0.0%
ICE BRENT DUBAI SWAP	DB	20,075	6,573	205.4%	17,829	12.6%	117,530	22,081	432.3%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	0.0%	9	0	-
IN DELIVERY MONTH EUA	6T	0	4,490	-100.0%	0	0.0%	2,850	35,991	-92.1%
INDIANA MISO	FAD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FDM	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	112	-100.0%
INDIANA MISO	PDM	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTM	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	0	0.0%	0	0.0%	5	220	-97.7%
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%	10	20	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	830	153	442.5%	562	47.7%	6,643	4,371	52.0%
JAPAN C&F NAPHTHA SWAP	JA	1,564	1,472	6.3%	1,104	41.7%	16,774	13,805	21.5%
JAPAN NAPHTHA BALMO SWAP	E6	0	30	-100.0%	10	-100.0%	1,410	405	248.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	24	-100.0%	36	172	-79.1%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0.0%	0	22	-100.0%
JET CIF NWE VS ICE	JC	273	0	0.0%	59	362.7%	1,248	790	58.0%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	5	2	150.0%
JET FUEL CRG CIF NEW VS I	6X	2	0	0.0%	0	0.0%	64	30	113.3%
JET FUEL UP-DOWN BALMO CL	1M	4,130	6,650	-37.9%	7,755	-46.7%	76,391	49,055	55.7%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	52	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	125	100	25.0%	25	400.0%	2,120	7,277	-70.9%
LA CARBOB GASOLINE(OPIS)S	JL	300	0	0.0%	25	1,100.0%	2,775	5,950	-53.4%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0.0%	25	810	-96.9%
LA JET (OPIS) SWAP	JS	740	900	-17.8%	1,350	-45.2%	18,865	21,212	-11.1%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	8,239	2,872	186.9%	3,767	118.7%	55,960	66,943	-16.4%
MARS (ARGUS) VS WTI SWAP	YX	1,370	6,939	-80.3%	3,130	-56.2%	34,019	47,761	-28.8%
MARS (ARGUS) VS WTI TRD M	YV	38,087	7,851	385.1%	23,225	64.0%	234,716	125,898	86.4%
MARS BLEND CRUDE OIL	MB	1,000	2,832	-64.7%	1,500	-33.3%	14,968	18,856	-20.6%

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<b>Energy Futures</b>									
MCCLOSKY ARA ARGV COAL	MTF	28,239	104,385	-72.9%	32,769	-13.8%	482,032	1,744,224	-72.4%
MCCLOSKY RCH BAY COAL	MFF	2,635	12,728	-79.3%	3,269	-19.4%	52,976	182,660	-71.0%
MGF FUT	MGF	30	0	0.0%	0	0.0%	316	100	216.0%
MGN1 SWAP FUT	MGN	70	122	-42.6%	25	180.0%	1,074	1,549	-30.7%
MICHCON NG INDEX SWAP	Y8	0	0	0.0%	0	0.0%	0	2,200	-100.0%
MICHIGAN BASIS	NF	156	1,610	-90.3%	0	0.0%	2,748	26,373	-89.6%
MICHIGAN MISO	HMO	0	0	0.0%	0	0.0%	106,440	127,640	-16.6%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	5,730	7,240	-20.9%
MINI GAS EUROBOB OXY NWE ARGV BALMO	MEB	195	503	-61.2%	361	-46.0%	4,710	4,739	-0.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	90	1,405	-93.6%	554	-83.8%	5,726	3,841	49.1%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,503	2,988	-49.7%	1,100	36.6%	24,633	17,186	43.3%
MJB FUT	MJB	0	0	0.0%	0	-	0	0	0.0%
MJC FUT	MJC	115	20	475.0%	145	-20.7%	1,305	895	45.8%
MNC FUT	MNC	2,750	4,970	-44.7%	2,742	0.3%	43,885	43,793	0.2%
MONT BELVIEU ETHANE 5 DECIMAL	C0	12,620	50,880	-75.2%	20,927	-39.7%	242,042	539,175	-55.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	180	75	140.0%	93	93.5%	2,870	1,545	85.8%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	101,199	101,228	0.0%	107,818	-6.1%	1,021,611	1,259,659	-18.9%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,113	603	84.6%	936	18.9%	18,034	9,785	84.3%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	15,730	6,686	135.3%	9,694	62.3%	63,806	86,896	-26.6%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	480	20	2,300.0%	365	31.5%	3,344	1,781	87.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	42,791	35,273	21.3%	34,600	23.7%	327,695	307,038	6.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	584	357	63.6%	779	-25.0%	7,740	6,475	19.5%
NAT GAS BASIS SWAP	SGW	0	0	0.0%	0	-	0	0	0.0%
NAT GAS BASIS SWAP	TZ6	422	1,898	-77.8%	0	0.0%	2,587	37,208	-93.0%
NATURAL GAS	HBI	0	0	0.0%	0	0.0%	0	3,540	-100.0%
NATURAL GAS	XIC	0	0	-	0	0.0%	44	0	-
NATURAL GAS	XSC	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	0.0%	0	0.0%	360	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	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	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	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	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0.0%	656	6,702	-90.2%
NATURAL GAS PEN SWP	NP	84,159	145,941	-42.3%	53,427	57.5%	925,807	1,228,616	-24.6%

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<b>Energy Futures</b>									
NEPOOL CNCTCT 5MW D AH O	P3	0	0.0%	0	0.0%	0	11,925	-100.0%	
NEPOOL CONECTIC 5MW D AH	P2	0	0.0%	0	0.0%	0	635	-100.0%	
NEPOOL INTR HUB 5MW D AH	H2	0	28,690	-100.0%	0	0.0%	235,140	511,929	-54.1%
NEPOOL INTR HUB 5MW D AH	U6	0	255	-100.0%	0	0.0%	17,275	44,360	-61.1%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0.0%	14,040	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0.0%	765	640	19.5%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	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	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	0.0%
NEPOOL SE MASS 5MW D AH P	P4	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	0	0.0%	0	0.0%	0	4,000	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0.0%	0	1,685	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	1,105	2,140	-48.4%	900	22.8%	9,250	17,005	-45.6%
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	600	372	61.3%	30	1,900.0%	4,674	30,002	-84.4%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0.0%	0	7,841	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	0	0.0%	0	0.0%	0	620	-100.0%
NGPL TEX/OK	PD	1,080	3,028	-64.3%	0	0.0%	9,214	31,992	-71.2%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0.0%	0	360	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	100	-100.0%	0	0.0%	3,659	2,662	37.5%
NORTHERN NATURAL GAS DEMAR	PE	0	54	-100.0%	0	0.0%	0	3,989	-100.0%
NORTHERN NATURAL GAS VENTU	PF	48	481	-90.0%	0	0.0%	132	9,216	-98.6%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	23,699	-100.0%	0	0.0%	3,088	181,112	-98.3%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	334	0	0.0%
NY1% VS GC SPREAD SWAP	VR	1,505	2,590	-41.9%	2,126	-29.2%	23,477	26,248	-10.6%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0.0%	0	489	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	175	-100.0%	0	0.0%	3,260	2,300	41.7%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	25	101	-75.2%
NY HARBOR HEAT OIL SWP	MP	1,067	1,602	-33.4%	858	24.4%	23,484	24,296	-3.3%

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<b>Energy Futures</b>									
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	4,273	5,031	-15.1%
NY HARBOR RESIDUAL FUEL 1	MM	780	2,036	-61.7%	2,642	-70.5%	26,062	37,490	-30.5%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	-	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	420	1,670	-74.9%	1,112	-62.2%	14,034	21,772	-35.5%
NY H OIL PLATTS VS NYMEX	YH	0	0	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	138	-100.0%	168	-100.0%	453	306	48.0%
NYISO CAPACITY	NNC	0	132	-100.0%	518	-100.0%	2,306	1,905	21.0%
NYISO CAPACITY	NRS	132	150	-12.0%	954	-86.2%	2,899	2,323	24.8%
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	172	-100.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0.0%	0	80	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0.0%	32,760	239,365	-86.3%
NYISO ZONE A 5MW D AH PK	K3	0	2,960	-100.0%	0	0.0%	6,815	6,560	3.9%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0.0%	0	54,290	-100.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0.0%	110	1,512	-92.7%
NYISO ZONE G 5MW D AH O P	D2	0	38,600	-100.0%	0	0.0%	780,585	444,481	75.6%
NYISO ZONE G 5MW D AH PK	T3	2,560	1,280	100.0%	0	0.0%	57,604	34,668	66.2%
NYISO ZONE J 5MW D AH O P	D4	0	38,600	-100.0%	0	0.0%	226,600	195,471	15.9%
NYISO ZONE J 5MW D AH PK	D3	1,815	860	111.0%	0	0.0%	26,790	14,431	85.6%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	13	394	-96.7%	0	0.0%	8,245	7,859	4.9%
ONEOK OKLAHOMA NG BASIS	8X	0	346	-100.0%	600	-100.0%	1,788	1,411	26.7%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0.0%	0	160	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0.0%	0	3,750	-100.0%
ONTARIO POWER SWAPS	OPD	0	20	-100.0%	0	0.0%	505	490	3.1%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	650	440	47.7%
PANHANDLE BASIS SWAP FUTU	PH	0	9,056	-100.0%	0	0.0%	3,060	95,318	-96.8%
PANHANDLE INDEX SWAP FUTU	IV	0	0	0.0%	0	0.0%	0	3,472	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	2,364	-100.0%	3,228	0	0.0%
PERMIAN BASIS SWAP	PM	0	16,424	-100.0%	0	0.0%	1,381	61,222	-97.7%
PETROCHEMICALS	22	142	89	59.6%	48	195.8%	923	554	66.6%

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Commodity	VOLUME NOV 2017	VOLUME NOV 2016	% CHG	VOLUME OCT 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG	
<b>Energy Futures</b>									
PETROCHEMICALS	32	151	65	132.3%	142	6.3%	1,201	666	80.3%
PETROCHEMICALS	81	448	300	49.3%	699	-35.9%	6,546	2,822	132.0%
PETROCHEMICALS	91	837	143	485.3%	307	172.6%	3,090	1,825	69.3%
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	0	48	-100.0%
PETROCHEMICALS	JKM	165	0	-	60	175.0%	725	0	-
PETROCHEMICALS	LPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	0.0%	50	110	-54.5%
PETROCHEMICALS	MAE	90	0	0.0%	110	-18.2%	500	445	12.4%
PETROCHEMICALS	MAS	0	0	0.0%	60	-100.0%	375	990	-62.1%
PETROCHEMICALS	MBE	180	1,380	-87.0%	560	-67.9%	12,240	30,680	-60.1%
PETROCHEMICALS	MNB	2,021	1,697	19.1%	1,477	36.8%	19,235	21,347	-9.9%
PETROCHEMICALS	MPS	60	0	-	0	0.0%	100	0	-
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	0.0%	150	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0.0%	182	1,050	-82.7%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	264	64	312.5%
PETRO CRCKS & SPRDS ASIA	STS	378	150	152.0%	0	0.0%	1,688	230	633.9%
PETRO CRCKS & SPRDS NA	CRB	350	20	1,650.0%	100	250.0%	2,780	1,209	129.9%
PETRO CRCKS & SPRDS NA	EXR	2,090	3,440	-39.2%	2,180	-4.1%	27,091	18,063	50.0%
PETRO CRCKS & SPRDS NA	FOC	150	1,150	-87.0%	0	0.0%	7,203	11,155	-35.4%
PETRO CRCKS & SPRDS NA	GBB	1,275	250	410.0%	2,780	-54.1%	12,903	2,640	388.7%
PETRO CRCKS & SPRDS NA	GCC	0	475	-100.0%	150	-100.0%	1,310	2,500	-47.6%
PETRO CRCKS & SPRDS NA	GCI	350	1,919	-81.8%	629	-44.4%	10,598	13,487	-21.4%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	59	66	-10.6%
PETRO CRCKS & SPRDS NA	GCU	9,956	8,730	14.0%	4,685	112.5%	65,632	81,365	-19.3%
PETRO CRCKS & SPRDS NA	GFC	0	250	-100.0%	0	0.0%	535	379	41.2%
PETRO CRCKS & SPRDS NA	HOB	3,207	455	604.8%	1,500	113.8%	32,936	35,364	-6.9%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0.0%	75	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	30	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	109	1,008	-89.2%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	1,125	490	129.6%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	0	450	-100.0%
PETRO CRCKS & SPRDS NA	RBB	6,552	13,296	-50.7%	8,373	-21.7%	84,679	115,250	-26.5%
PETRO CRCKS & SPRDS NA	RVG	15,915	15,510	2.6%	13,225	20.3%	173,227	98,378	76.1%
PETRO CRCKS & SPRDS NA	SF3	0	30	-100.0%	0	0.0%	15	64	-76.6%
PETRO CRK&SPRD EURO	1NB	645	1,293	-50.1%	975	-33.8%	13,219	17,687	-25.3%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	200	-100.0%	425	0	0.0%

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<b>Energy Futures</b>									
PETRO CRK&SPRD EURO	43	141	7	1,914.3%	401	-64.8%	3,496	2,156	62.2%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	1,325	5,655	-76.6%	978	35.5%	19,524	27,463	-28.9%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	0.0%	5	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	0.0%	18	0	-
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	127	97	30.9%
PETRO CRK&SPRD EURO	EPN	1,099	435	152.6%	486	126.1%	5,759	2,908	98.0%
PETRO CRK&SPRD EURO	EVC	3,454	4,370	-21.0%	1,635	111.3%	26,811	21,125	26.9%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0.0%	0	480	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0.0%	739	1,130	-34.6%
PETRO CRK&SPRD EURO	GOC	0	30	-100.0%	0	0.0%	120	129	-7.0%
PETRO CRK&SPRD EURO	LSU	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	80	0	0.0%	0	0.0%	150	40	275.0%
PETRO CRK&SPRD EURO	MUD	10	32	-68.8%	5	100.0%	898	1,231	-27.1%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0.0%	134	198	-32.3%
PETRO CRK&SPRD EURO	NOB	1,125	1,078	4.4%	820	37.2%	11,950	5,908	102.3%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0.0%	178	165	7.9%
PETRO CRK&SPRD EURO	SFC	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D44	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D45	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D46	0	0	0.0%	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	D64	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D65	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	5,425	6,693	-18.9%	2,605	108.3%	30,049	18,652	61.1%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0.0%	80	559	-85.7%
PETROLEUM PRODUCTS	MGS	0	0	-	0	0.0%	20	0	-
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	MME	30	0	-	0	0.0%	50	0	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	100	1,363	-92.7%
PETROLEUM PRODUCTS	VU	0	129	-100.0%	340	-100.0%	3,014	3,727	-19.1%
PETROLEUM PRODUCTS ASIA	E6M	20	0	0.0%	0	0.0%	242	467	-48.2%
PETROLEUM PRODUCTS ASIA	MJN	1,022	1,733	-41.0%	1,050	-2.7%	19,395	14,678	32.1%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	0.0%	45	0	-
PETRO OUTRIGHT EURO	0A	0	0	0.0%	0	-	0	0	0.0%

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<b>Energy Futures</b>									
PETRO OUTFRIGHT EURO	0B	50	50	0.0%	0	0.0%	163	1,420	-88.5%
PETRO OUTFRIGHT EURO	0C	40	20	100.0%	20	100.0%	70	221	-68.3%
PETRO OUTFRIGHT EURO	0D	1,804	4,713	-61.7%	2,364	-23.7%	25,276	44,700	-43.5%
PETRO OUTFRIGHT EURO	0E	8	1,446	-99.4%	56	-85.7%	4,104	10,909	-62.4%
PETRO OUTFRIGHT EURO	0F	433	1,335	-67.6%	594	-27.1%	11,333	14,031	-19.2%
PETRO OUTFRIGHT EURO	1T	0	0	0.0%	0	0.0%	102	20	410.0%
PETRO OUTFRIGHT EURO	33	0	12	-100.0%	0	0.0%	80	351	-77.2%
PETRO OUTFRIGHT EURO	5L	0	307	-100.0%	163	-100.0%	709	2,159	-67.2%
PETRO OUTFRIGHT EURO	63	10	160	-93.8%	0	0.0%	777	1,605	-51.6%
PETRO OUTFRIGHT EURO	6L	0	0	0.0%	0	0.0%	7	0	0.0%
PETRO OUTFRIGHT EURO	7I	0	0	0.0%	92	-100.0%	1,157	1,513	-23.5%
PETRO OUTFRIGHT EURO	7P	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	7R	145	539	-73.1%	180	-19.4%	2,505	3,280	-23.6%
PETRO OUTFRIGHT EURO	88	15	0	0.0%	25	-40.0%	75	55	36.4%
PETRO OUTFRIGHT EURO	CBB	10	30	-66.7%	0	0.0%	52	30	73.3%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	25	-100.0%	50	6	733.3%
PETRO OUTFRIGHT EURO	CPB	5	423	-98.8%	379	-98.7%	2,853	1,422	100.6%
PETRO OUTFRIGHT EURO	EFF	0	33	-100.0%	20	-100.0%	310	534	-41.9%
PETRO OUTFRIGHT EURO	EFM	0	8	-100.0%	0	0.0%	453	673	-32.7%
PETRO OUTFRIGHT EURO	ENS	0	10	-100.0%	0	0.0%	180	1,171	-84.6%
PETRO OUTFRIGHT EURO	ESB	0	0	-	0	0.0%	69	0	-
PETRO OUTFRIGHT EURO	EWN	385	349	10.3%	807	-52.3%	7,491	2,070	261.9%
PETRO OUTFRIGHT EURO	FBD	0	20	-100.0%	0	0.0%	20	40	-50.0%
PETRO OUTFRIGHT EURO	MBB	0	0	0.0%	50	-100.0%	550	84	554.8%
PETRO OUTFRIGHT EURO	MBN	595	901	-34.0%	840	-29.2%	11,086	16,268	-31.9%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	40	340	-88.2%
PETRO OUTFRIGHT EURO	T0	0	0	0.0%	0	0.0%	164	1,328	-87.7%
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	0.0%	375	490	-23.5%
PETRO OUTFRIGHT EURO	V0	0	135	-100.0%	0	0.0%	150	240	-37.5%
PETRO OUTFRIGHT EURO	W0	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO OUTFRIGHT EURO	X0	0	0	0.0%	0	0.0%	0	150	-100.0%
PETRO OUTFRIGHT EURO	Y0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	FCB	0	64	-100.0%	223	-100.0%	1,836	2,662	-31.0%
PETRO OUTFRIGHT NA	FOB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	FOM	0	0	0.0%	0	0.0%	50	8	525.0%
PETRO OUTFRIGHT NA	GBA	0	0	0.0%	0	0.0%	0	8	-100.0%

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<b>Energy Futures</b>									
PETRO OUTRIGHT NA	GUD	0	0	0.0%	0	0.0%	0	13	-100.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0.0%	420	439	-4.3%
PETRO OUTRIGHT NA	JET	2,726	10,203	-73.3%	1,015	168.6%	44,086	55,908	-21.1%
PETRO OUTRIGHT NA	JTB	375	0	-	1,413	-73.5%	3,813	0	-
PETRO OUTRIGHT NA	MBL	0	91	-100.0%	0	0.0%	266	325	-18.2%
PETRO OUTRIGHT NA	MEN	591	669	-11.7%	408	44.9%	6,548	6,948	-5.8%
PETRO OUTRIGHT NA	MEO	2,753	9,904	-72.2%	3,423	-19.6%	91,604	112,771	-18.8%
PETRO OUTRIGHT NA	MFD	0	33	-100.0%	0	0.0%	203	1,091	-81.4%
PETRO OUTRIGHT NA	MMF	0	290	-100.0%	25	-100.0%	510	1,876	-72.8%
PETRO OUTRIGHT NA	NYT	0	125	-100.0%	0	0.0%	625	225	177.8%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	14,880	22,800	-34.7%	0	0.0%	288,349	1,270,058	-77.3%
PJM AD HUB 5MW REAL TIME	Z9	0	4,240	-100.0%	420	-100.0%	22,831	104,554	-78.2%
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	27,690	-100.0%	0	0.0%	46,800	33,695	38.9%
PJM ATSI ELEC	MPD	0	1,480	-100.0%	0	0.0%	2,550	1,795	42.1%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	0	23,400	-100.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0.0%	0	1,275	-100.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0.0%	85,390	257,480	-66.8%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0.0%	4,675	14,650	-68.1%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	1,300	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	27,690	-100.0%	0	0.0%	211,995	55,000	285.4%
PJM DAYTON DA PEAK	D7	0	1,480	-100.0%	0	0.0%	5,250	23,423	-77.6%
PJM DUQUESNE 5MW D AH PK	D5	0	0	0.0%	0	-	0	0	0.0%
PJM DUQUS 5MW D AH O PK	D6	0	0	0.0%	0	-	0	0	0.0%
PJM JCPL DA OFF-PEAK	F2	0	0	0.0%	0	0.0%	0	0	0.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	200	5,285	-96.2%	0	0.0%	79,300	75,314	5.3%
PJM NI HUB 5MW REAL TIME	B6	19,120	262,195	-92.7%	0	0.0%	1,719,650	1,912,897	-10.1%
PJM NILL DA OFF-PEAK	L3	1,944	190,515	-99.0%	2,427	-19.9%	689,738	1,074,692	-35.8%
PJM NILL DA PEAK	N3	160	3,825	-95.8%	246	-35.0%	39,492	47,480	-16.8%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0.0%	0	140	-100.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>									
PJM PEP CO DA OFF-PEAK	Q8	0	0.0%	0	-	0	0	0.0%	
PJM PPL DA OFF-PEAK	F5	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%	
PJM PSEG DA OFF-PEAK	W6	0	0.0%	0	0.0%	0	163,800	-100.0%	
PJM PSEG DA PEAK	L6	0	0.0%	0	0.0%	0	5,100	-100.0%	
PJM WES HUB PEAK LMP 50 M	4S	0	0.0%	0	0.0%	0	0	0.0%	
PJM WESTH DA OFF-PEAK	E4	0	0.0%	0	0.0%	54,300	825,010	-93.4%	
PJM WESTHDA PEAK	J4	0	0.0%	0	0.0%	8,620	45,673	-81.1%	
PJM WESTH RT OFF-PEAK	N9	27,120	93,200	-70.9%	0	0.0%	2,185,415	6,185,140	-64.7%
PJM WESTH RT PEAK	L1	4,600	35,499	-87.0%	1,040	342.3%	208,591	616,215	-66.1%
PLASTICS	PGP	270	1,520	-82.2%	120	125.0%	5,984	4,879	22.6%
PREMIUM UNL 10P FOB MED	3G	193	164	17.7%	140	37.9%	864	2,791	-69.0%
PREMIUM UNLEAD 10PPM FOB	8G	10	5	100.0%	0	0.0%	162	359	-54.9%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	7	7	0.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	0.0%	37	274	-86.5%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	0	112	-100.0%	63	-100.0%	4,927	5,847	-15.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	9,825	17,903	-45.1%	8,720	12.7%	78,535	126,702	-38.0%
RBOB CALENDAR SWAP	RL	7,924	6,207	27.7%	5,166	53.4%	79,938	73,277	9.1%
RBOB CRACK SPREAD	RM	650	550	18.2%	2,733	-76.2%	10,807	15,325	-29.5%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	0	350	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	815	1,501	-45.7%	2,176	-62.5%	10,365	8,497	22.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	297	-100.0%	0	0.0%	0	297	-100.0%
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	9,203	-100.0%
RBOB VS HEATING OIL SWAP	RH	200	1,758	-88.6%	150	33.3%	17,070	17,530	-2.6%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0.0%	0	1,046	-100.0%
SAN JUAN BASIS SWAP	NJ	0	6,677	-100.0%	0	0.0%	2,254	75,958	-97.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	110	24	358.3%	38	189.5%	682	555	22.9%
SINGAPORE 380CST BALMO	BT	373	402	-7.2%	127	193.7%	2,528	1,759	43.7%
SINGAPORE 380CST FUEL OIL	SE	8,298	13,863	-40.1%	8,044	3.2%	105,852	88,748	19.3%
SINGAPORE FUEL 180CST CAL	UA	849	1,319	-35.6%	730	16.3%	11,375	12,703	-10.5%
SINGAPORE FUEL OIL SPREAD	SD	145	1,263	-88.5%	270	-46.3%	6,943	7,287	-4.7%
SINGAPORE GASOIL	MTB	30	585	-94.9%	112	-73.2%	1,520	2,727	-44.3%
SINGAPORE GASOIL	MTS	4,382	4,778	-8.3%	3,078	42.4%	52,543	42,339	24.1%

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<b>Energy Futures</b>									
SINGAPORE GASOIL	STL	0	0	0.0%	0	0.0%	0	100	-100.0%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	800	180	344.4%
SINGAPORE GASOIL CALENDAR	MSG	493	0	0.0%	359	37.3%	3,153	573	450.3%
SINGAPORE GASOIL SWAP	SG	1,163	10,497	-88.9%	6,732	-82.7%	89,069	69,362	28.4%
SINGAPORE GASOIL VS ICE	GA	40	13,686	-99.7%	75	-46.7%	70,169	36,839	90.5%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	536	156	243.6%
SINGAPORE JET KERO GASOIL	RK	225	1,390	-83.8%	125	80.0%	18,310	9,765	87.5%
SINGAPORE JET KEROSENE SW	KS	350	1,077	-67.5%	315	11.1%	12,979	7,575	71.3%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	50	50	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	265	1,761	-85.0%	266	-0.4%	1,796	5,578	-67.8%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	9,249	25,558	-63.8%	5,875	57.4%	81,961	107,948	-24.1%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0.0%	0	20	-100.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	-	0	0	0.0%
SING FUEL	MSD	50	35	42.9%	0	0.0%	120	65	84.6%
SOCAL BASIS SWAP	NS	0	0	0.0%	0	-	0	0	0.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0.0%	0	5,864	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0.0%	0	368	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0.0%	0	612	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	90	-100.0%	0	0.0%	0	2,292	-100.0%
Sumas Basis Swap	NK	0	2,423	-100.0%	0	0.0%	6,238	18,059	-65.5%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	0.0%	306	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	80	0	0.0%	0	-	80	0	0.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	0	15	-100.0%
TCO BASIS SWAP	TC	667	604	10.4%	56	1,091.1%	8,949	33,676	-73.4%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	0	240	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	30	-100.0%	30	0	-
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	0.0%	0	1,285	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0.0%	428	1,630	-73.7%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0.0%	0	1,526	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	484	0	0.0%	0	0.0%	484	3,028	-84.0%
Tetco ELA Basis	TE	0	0	0.0%	0	-	0	0	0.0%
TETCO M-3 INDEX	IX	0	0	0.0%	0	0.0%	0	8,365	-100.0%
Tetco STX Basis	TX	0	0	0.0%	0	0.0%	0	1,611	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	908	3,126	-71.0%	0	0.0%	9,512	83,168	-88.6%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0.0%	0	248	-100.0%
TRANSCO ZONE 1 NG BASIS	8E	0	0	0.0%	0	-	0	0	0.0%

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<b>Energy Futures</b>									
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0.0%	302	1,032	-70.7%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	0.0%	6,256	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	4,256	-100.0%	0	0.0%	13,239	23,738	-44.2%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0.0%	465	1,457	-68.1%
TRANSCO ZONE 6 BASIS SWAP	NZ	856	1,863	-54.1%	0	0.0%	3,726	13,968	-73.3%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0.0%	856	6,742	-87.3%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	0.0%	0	-	0	0	0.0%
UCM FUT	UCM	30	15	100.0%	0	0.0%	295	343	-14.0%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	0.0%	0	38	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0.0%	30	45	-33.3%
ULSD 10PPM CIF MED VS ICE	Z7	15	15	0.0%	0	0.0%	81	180	-55.0%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	0.0%	6	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0.0%	0	35	-100.0%
ULSD UP-DOWN BALMO SWP	1L	6,771	8,558	-20.9%	9,770	-30.7%	53,463	66,008	-19.0%
UP DOWN GC ULSD VS NMX HO	LT	41,802	53,661	-22.1%	50,929	-17.9%	516,471	583,452	-11.5%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0.0%	0	175	-100.0%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	0.0%	0	-	0	0	0.0%
WAHA BASIS	NW	0	1,825	-100.0%	0	0.0%	6,064	44,649	-86.4%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0.0%	0	8,728	-100.0%
WESTERN RAIL DELIVERY PRB	QP	120	0	0.0%	180	-33.3%	2,520	9,237	-72.7%
WTI-BRENT BULLET SWAP	BY	0	500	-100.0%	0	0.0%	904	500	80.8%
WTI-BRENT CALENDAR SWAP	BK	38,056	11,672	226.0%	31,694	20.1%	209,422	127,716	64.0%
WTI CALENDAR	CS	37,055	33,473	10.7%	34,612	7.1%	405,892	334,789	21.2%
WTS (ARGUS) VS WTI SWAP	FF	6,022	3,720	61.9%	14,656	-58.9%	59,192	42,110	40.6%
WTS (ARGUS) VS WTI TRD MT	FH	1,626	500	225.2%	2,230	-27.1%	9,936	12,208	-18.6%
<b>Energy Options</b>									
12 MO GASOIL CAL SWAP SPR	GXZ	200	0	-	0	0.0%	830	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	0.0%	0	0	0.0%
APPALACHIAN COAL	6K	0	0	0.0%	0	-	0	0	0.0%
BRENT CALENDAR SWAP	BA	0	105	-100.0%	0	0.0%	5,347	13,533	-60.5%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	2,000	-100.0%	2,000	0	-
BRENT OIL LAST DAY	BE	1,709	7,000	-75.6%	986	73.3%	37,281	43,890	-15.1%
BRENT OIL LAST DAY	BZO	68,440	39,304	74.1%	66,848	2.4%	466,254	234,098	99.2%
BRENT OIL LAST DAY	OS	48	0	0.0%	200	-76.0%	3,892	12,234	-68.2%



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<b>Energy Options</b>									
COAL API2 INDEX	CLA	325	1,759	-81.5%	431	-24.6%	10,208	54,003	-81.1%
COAL API2 INDEX	CQA	20	0	0.0%	145	-86.2%	775	101,734	-99.2%
COAL API2 INDEX	MTC	0	0	0.0%	0	0.0%	50	150	-66.7%
COAL API4 INDEX	RLA	0	0	0.0%	0	0.0%	0	100	-100.0%
COAL API4 INDEX	RQA	30	60	-50.0%	0	0.0%	30	1,540	-98.1%
COAL SWAP	CPF	0	0	0.0%	0	0.0%	180	585	-69.2%
COAL SWAP	RPF	0	0	0.0%	60	-100.0%	605	1,086	-44.3%
CRUDE OIL 1MO	WA	219,140	254,917	-14.0%	91,907	138.4%	1,980,179	2,778,286	-28.7%
CRUDE OIL APO	AO	65,365	21,270	207.3%	42,720	53.0%	545,220	324,771	67.9%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	0	2,290	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	-	2,530	-100.0%	11,770	0	-
CRUDE OIL PHY	CD	2,140	1,950	9.7%	3,550	-39.7%	31,260	37,725	-17.1%
CRUDE OIL PHY	LC	15,815	14,052	12.5%	3,800	316.2%	248,642	311,691	-20.2%
CRUDE OIL PHY	LO	4,022,866	5,072,423	-20.7%	2,878,252	39.8%	40,565,194	41,950,808	-3.3%
CRUDE OIL PHY	LO1	16,401	22,350	-26.6%	19,716	-16.8%	159,759	77,050	107.3%
CRUDE OIL PHY	LO2	26,199	4,228	519.7%	14,942	75.3%	150,032	44,546	236.8%
CRUDE OIL PHY	LO3	13,307	4,101	224.5%	11,843	12.4%	96,042	31,915	200.9%
CRUDE OIL PHY	LO4	17,281	5,365	222.1%	12,513	38.1%	179,551	50,353	256.6%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0.0%	53,489	25,135	112.8%
DAILY CRUDE OIL	DNM	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	PML	0	0	0.0%	0	0.0%	0	264	-100.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0.0%	820	3,420	-76.0%
ELECTRICITY OFF PEAK	N9P	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0.0%	75	25	200.0%
ETHANOL	CE3	0	0	0.0%	0	0.0%	325	25	1,200.0%
ETHANOL SWAP	CVR	10,218	9,160	11.6%	7,744	31.9%	67,303	73,411	-8.3%
ETHANOL SWAP	GVR	78	210	-62.9%	0	0.0%	1,658	3,668	-54.8%
EURO-DENOMINATED PETRO PROD	EFB	0	0	0.0%	0	-	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NWE	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	0.0%	0	60	-100.0%
GASOIL CRACK SPREAD AVG PRICE OPTION	3U	0	0	0.0%	0	-	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0.0%	0	872	-100.0%
HEATING OIL CRACK OPTIONS	CH	0	0	-	0	0.0%	100	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	0.0%	0	300	-100.0%

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<b>Energy Options</b>									
HEATING OIL PHY	LB	0	167	-100.0%	25	-100.0%	2,728	3,995	-31.7%
HEATING OIL PHY	OH	34,288	57,831	-40.7%	39,166	-12.5%	356,825	570,949	-37.5%
HENRY HUB FINANCIAL LAST	E7	2,722	3,175	-14.3%	5,638	-51.7%	41,398	23,531	75.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	1,700	5,900	-71.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	1,800	0	0.0%	0	0.0%	6,900	11,730	-41.2%
LLS CRUDE OIL	YVO	0	0	-	0	0.0%	3,750	0	-
MCCLOSKEY ARA ARGS COAL	MTO	150	0	0.0%	160	-6.3%	1,600	9,505	-83.2%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0.0%	0	2,485	-100.0%
NATURAL GAS	G10	0	0	0.0%	0	0.0%	450	500	-10.0%
NATURAL GAS 12 M CSO FIN	G7	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	42,765	32,990	29.6%	54,284	-21.2%	430,994	114,084	277.8%
NATURAL GAS 2 M CSO FIN	G2	2,000	680	194.1%	1,500	33.3%	11,550	4,055	184.8%
NATURAL GAS 3 M CSO FIN	G3	26,000	100	25,900.0%	1,000	2,500.0%	146,425	227,532	-35.6%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	4,050	1,200	237.5%
NATURAL GAS 6 M CSO FIN	G6	6,600	3,600	83.3%	3,650	80.8%	57,270	9,200	522.5%
NATURAL GAS OPTION ON CALENDAR STRP	6J	2,900	6,900	-58.0%	1,832	58.3%	12,670	25,708	-50.7%
NATURAL GAS PHY	KD	52,787	28,821	83.2%	51,775	2.0%	455,817	348,962	30.6%
NATURAL GAS PHY	LN	2,758,657	2,240,243	23.1%	2,471,737	11.6%	24,921,572	21,533,328	15.7%
NATURAL GAS PHY	ON	262,943	358,780	-26.7%	225,661	16.5%	2,224,455	3,114,048	-28.6%
NATURAL GAS PHY	ON1	0	0	0.0%	0	0.0%	0	2	-100.0%
NATURAL GAS PHY	ON5	0	0	0.0%	0	-	0	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	0.0%	0	500	-100.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0.0%	4,030	6,540	-38.4%
NY HARBOR HEAT OIL SWP	AT	2,873	3,280	-12.4%	2,843	1.1%	35,379	60,743	-41.8%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	10,740	-100.0%	0	0.0%	19,830	11,160	77.7%
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	0.0%	0	30	-100.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	0.0%	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	-	5,760	-100.0%	8,640	0	-
PETROCHEMICALS	4H	643	205	213.7%	834	-22.9%	8,377	11,226	-25.4%
PETROCHEMICALS	4I	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	4J	0	420	-100.0%	120	-100.0%	2,945	6,305	-53.3%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	1,200	1,560	-23.1%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	18	520	-96.5%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	300	0	0.0%
PETRO OUTRIGHT NA	DAP	72	0	-	0	-	72	0	-

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<b>Energy Options</b>									
PGE CITYGATE PIPE SWAP	CW	0	0	0.0%	0	-	0	0	0.0%
PJM CALENDAR STRIP	6O	0	0	0.0%	0	-	0	0	0.0%
PJM ELECTRIC	6OO	0	0	0.0%	0	-	0	0	0.0%
PJM MONTHLY	JO	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	0	340	-100.0%	50	-100.0%	3,960	1,090	263.3%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0.0%	0	10,300	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	788	2,644	-70.2%	360	118.9%	13,817	11,935	15.8%
RBOB 1MO CAL SPD OPTIONS	ZA	1,200	1,800	-33.3%	600	100.0%	6,708	11,850	-43.4%
RBOB CALENDAR SWAP	RA	50	0	0.0%	455	-89.0%	2,865	6,585	-56.5%
RBOB PHY	OB	13,665	23,038	-40.7%	17,228	-20.7%	282,757	380,078	-25.6%
RBOB PHY	RF	175	40	337.5%	200	-12.5%	1,335	60	2,125.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	520	-100.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	360	-100.0%	3,240	9,108	-64.4%
SHORT TERM	U11	0	955	-100.0%	180	-100.0%	5,970	3,205	86.3%
SHORT TERM	U12	0	0	0.0%	125	-100.0%	4,604	3,730	23.4%
SHORT TERM	U13	1,402	0	0.0%	262	435.1%	3,959	4,261	-7.1%
SHORT TERM	U14	275	450	-38.9%	0	0.0%	3,630	5,225	-30.5%
SHORT TERM	U15	500	300	66.7%	0	0.0%	5,225	3,425	52.6%
SHORT TERM	U22	100	530	-81.1%	0	0.0%	2,982	3,805	-21.6%
SHORT TERM	U23	0	500	-100.0%	600	-100.0%	1,672	2,180	-23.3%
SHORT TERM	U24	5	0	0.0%	650	-99.2%	3,225	2,080	55.0%
SHORT TERM	U25	0	0	0.0%	200	-100.0%	940	505	86.1%
SHORT TERM	U26	0	0	0.0%	0	0.0%	292	1,580	-81.5%
SHORT TERM CRUDE OIL	C02	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U01	401	650	-38.3%	0	0.0%	3,716	5,025	-26.0%
SHORT TERM NATURAL GAS	U02	475	700	-32.1%	0	0.0%	3,958	4,200	-5.8%
SHORT TERM NATURAL GAS	U03	53	1,450	-96.3%	0	0.0%	2,273	3,070	-26.0%
SHORT TERM NATURAL GAS	U04	0	625	-100.0%	300	-100.0%	1,170	5,000	-76.6%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	3,350	-100.0%	10,140	2,725	272.1%
SHORT TERM NATURAL GAS	U06	625	0	0.0%	1,010	-38.1%	8,670	2,905	198.5%
SHORT TERM NATURAL GAS	U07	215	1,000	-78.5%	0	0.0%	3,500	4,800	-27.1%
SHORT TERM NATURAL GAS	U08	762	100	662.0%	0	0.0%	5,232	3,322	57.5%
SHORT TERM NATURAL GAS	U09	433	600	-27.8%	1,181	-63.3%	5,214	5,442	-4.2%
SHORT TERM NATURAL GAS	U10	377	500	-24.6%	100	277.0%	6,029	4,595	31.2%
SHORT TERM NATURAL GAS	U16	565	250	126.0%	2,775	-79.6%	7,010	3,860	81.6%
SHORT TERM NATURAL GAS	U17	958	450	112.9%	885	8.2%	5,147	1,405	266.3%

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Commodity		VOLUME NOV 2017	VOLUME NOV 2016	% CHG	VOLUME OCT 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Options</b>									
SHORT TERM NATURAL GAS	U18	0	200	-100.0%	510	-100.0%	1,697	3,055	-44.5%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	375	-100.0%	4,560	1,530	198.0%
SHORT TERM NATURAL GAS	U20	477	0	0.0%	298	60.1%	4,005	1,430	180.1%
SHORT TERM NATURAL GAS	U21	488	750	-34.9%	0	0.0%	3,212	1,875	71.3%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	1,870	1,050	78.1%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	3,255	3,925	-17.1%
SHORT TERM NATURAL GAS	U29	321	450	-28.7%	0	0.0%	756	3,175	-76.2%
SHORT TERM NATURAL GAS	U30	970	750	29.3%	355	173.2%	4,745	1,700	179.1%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	500	-100.0%	6,250	1,125	455.6%
SINGAPORE FUEL OIL 180 CS	C5	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEND	N2	0	480	-100.0%	0	0.0%	0	960	-100.0%
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0.0%	0	11,200	-100.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	70,074	6,850	923.0%	101,138	-30.7%	505,551	180,050	180.8%
WTI CRUDE OIL 1 M CSO FI	7A	129,300	248,192	-47.9%	31,815	306.4%	700,815	1,678,515	-58.2%
<b>Metals Futures</b>									
COMEX GOLD	GC	8,623,338	7,108,687	21.3%	6,665,496	29.4%	67,615,584	54,043,268	25.1%
NYMEX HOT ROLLED STEEL	HR	4,598	2,623	75.3%	7,107	-35.3%	57,698	51,167	12.8%
NYMEX PLATINUM	PL	381,004	360,457	5.7%	344,217	10.7%	4,282,625	3,570,900	19.9%
PALLADIUM	PA	153,217	198,537	-22.8%	87,270	75.6%	1,329,850	1,344,639	-1.1%
URANIUM	UX	978	2	48,800.0%	0	0.0%	5,452	7,295	-25.3%
COMEX SILVER	SI	2,539,514	2,214,364	14.7%	1,826,444	39.0%	21,646,889	17,083,211	26.7%
COMEX E-Mini GOLD	QO	7,107	17,592	-59.6%	5,343	33.0%	87,450	122,924	-28.9%
COMEX E-Mini SILVER	QI	806	1,695	-52.4%	471	71.1%	8,890	13,974	-36.4%
COMEX COPPER	HG	2,992,429	3,531,273	-15.3%	2,410,657	24.1%	24,698,340	20,090,768	22.9%
COMEX MINY COPPER	QC	629	1,073	-41.4%	459	37.0%	7,642	6,116	25.0%
ALUMINUM	A38	0	0	0.0%	0	0.0%	30	87	-65.5%
ALUMINUM	AEP	2,886	2,085	38.4%	2,004	44.0%	27,623	12,664	118.1%
ALUMINUM	ALA	75	0	0.0%	0	0.0%	5,425	60	8,941.7%
ALUMINUM	ALI	0	1,134	-100.0%	40	-100.0%	5,755	7,773	-26.0%
ALUMINUM	AUP	4,762	9,840	-51.6%	7,853	-39.4%	76,347	66,403	15.0%
ALUMINUM	EDP	480	2,420	-80.2%	180	166.7%	9,630	9,409	2.3%

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Commodity		VOLUME NOV 2017	VOLUME NOV 2016	% CHG	VOLUME OCT 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Metals Futures</b>									
ALUMINUM	MJP	1,695	1,740	-2.6%	2,220	-23.6%	15,563	8,343	86.5%
COPPER	HGS	3,437	400	759.3%	88	3,805.7%	5,043	3,816	32.2%
E-MICRO GOLD	MGC	112,421	96,161	16.9%	106,238	5.8%	1,058,548	917,670	15.4%
FERROUS PRODUCTS	BUS	170	160	6.2%	420	-59.5%	1,390	972	43.0%
FERROUS PRODUCTS	SSF	0	0	0.0%	0	-	0	0	0.0%
GOLD	GPS	0	2	-100.0%	0	0.0%	1	2	-50.0%
Gold Kilo	GCK	285	4,786	-94.0%	153	86.3%	3,561	52,432	-93.2%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	870	46	1,791.3%	0	0.0%	9,432	3,056	208.6%
IRON ORE 62 CHINA TSI FUTURES	TIO	3,700	26,665	-86.1%	1,062	248.4%	87,374	185,593	-52.9%
LNDN ZINC	ZNC	10	0	0.0%	20	-50.0%	125	227	-44.9%
METALS	LED	0	0	0.0%	0	0.0%	0	25	-100.0%
SILVER	SIL	7,866	11,856	-33.7%	4,985	57.8%	66,270	95,462	-30.6%
<b>Metals Options</b>									
COMEX COPPER	HX	12,675	4,908	158.3%	17,878	-29.1%	87,361	36,639	138.4%
COMEX GOLD	OG	738,327	1,324,732	-44.3%	804,590	-8.2%	9,145,299	9,182,040	-0.4%
COMEX SILVER	SO	104,738	129,032	-18.8%	108,549	-3.5%	1,326,945	1,295,484	2.4%
COPPER	H4E	0	0	0.0%	0	-	0	0	0.0%
GOLD	OG1	8,290	1,690	390.5%	7,188	15.3%	42,714	14,101	202.9%
GOLD	OG2	8,959	7,775	15.2%	4,337	106.6%	42,299	19,195	120.4%
GOLD	OG3	4,609	1,033	346.2%	4,079	13.0%	41,435	9,931	317.2%
GOLD	OG4	3,274	712	359.8%	3,201	2.3%	23,013	7,116	223.4%
GOLD	OG5	0	0	0.0%	0	0.0%	9,631	2,954	226.0%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	330	-100.0%	330	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	1,284	2,840	-54.8%	988	30.0%	18,094	39,589	-54.3%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	750	2,690	-72.1%	1,700	-55.9%	26,105	32,056	-18.6%
NYMEX PLATINUM	PO	3,699	3,608	2.5%	2,035	81.8%	30,564	47,571	-35.8%
PALLADIUM	PAO	6,866	4,581	49.9%	8,908	-22.9%	65,090	37,840	72.0%
SILVER	SO1	15	199	-92.5%	124	-87.9%	681	559	21.8%
SILVER	SO2	4	337	-98.8%	19	-78.9%	217	618	-64.9%
SILVER	SO3	18	79	-77.2%	4	350.0%	607	543	11.8%
SILVER	SO4	1	43	-97.7%	59	-98.3%	188	257	-26.8%
SILVER	SO5	0	0	0.0%	0	0.0%	4	250	-98.4%



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<b>TOTAL FUTURES GROUP</b>								
Commodities and Alternative Investments Futures	5	20	-75.0%	3	66.7%	189	3,758	-95.0%
Energy Futures	48,586,528	49,693,688	-2.2%	46,479,305	4.5%	524,104,526	483,823,636	8.3%
Metals Futures	14,842,277	13,593,598	9.2%	11,472,727	29.4%	121,112,537	97,698,256	24.0%
<b>TOTAL FUTURES</b>	<b>63,428,810</b>	<b>63,287,306</b>	<b>0.2%</b>	<b>57,952,035</b>	<b>9.5%</b>	<b>645,217,252</b>	<b>581,525,650</b>	<b>11.0%</b>
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	7,901,436	8,500,780	-7.1%	6,192,034	27.6%	75,025,772	74,682,327	0.5%
Metals Options	893,509	1,484,259	-39.8%	963,989	-7.3%	10,860,577	10,726,743	1.2%
<b>TOTAL OPTIONS</b>	<b>8,794,945</b>	<b>9,985,039</b>	<b>-11.9%</b>	<b>7,156,023</b>	<b>22.9%</b>	<b>85,886,349</b>	<b>85,409,070</b>	<b>0.6%</b>
<b>TOTAL COMBINED</b>								
Commodities and Alternative Investments	5	20	-75.0%	3	66.7%	189	3,758	-95.0%
Energy	56,487,964	58,194,468	-2.9%	52,671,339	7.2%	599,130,298	558,505,963	7.3%
Metals	15,735,786	15,077,857	4.4%	12,436,716	26.5%	131,973,114	108,424,999	21.7%
<b>GRAND TOTAL</b>	<b>72,223,755</b>	<b>73,272,345</b>	<b>-1.4%</b>	<b>65,108,058</b>	<b>10.9%</b>	<b>731,103,601</b>	<b>666,934,720</b>	<b>9.6%</b>