

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC		%	CME	CME	%	Open	Open		ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry JUL 2017	Outcry JUL 2016	CHG	JUL 2017	JUL 2016	CHG	ClearPort JUL 2017	ClearPort JUL 2016	CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Commodities and Alternative Investments																			
Futures																			
COCOA TAS	CJ	0	0	0.0%	0	182	-1	0	0	0.0%	0	0	0.0%	81	1,517	-94.7%	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	6	-1	0	0	0.0%	0	0	0.0%	40	137	-70.8%	0	0	0.0%
COTTON	TT	0	0	0.0%	0	124	-1	0	0	0.0%	0	0	0.0%	15	470	-96.8%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	5	54	-0.91	0	0	0.0%	0	0	0.0%	37	378	-90.2%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	359	-100.0%	27,094,330	18,345,524	0.48	523,771	482,277	8.6%	0	18,159	-100.0%	170,939,823	150,385,266	13.7%	3,941,302	4,494,052	-12.3%
CRUDE OIL	WS	0	0	0.0%	0	0	0	5,704	280	1,937.1%	0	0	0.0%	204	0	0.0%	38,779	76,232	-49.1%
MINY WTI CRUDE OIL	QM	0	0	0.0%	254,223	215,615	0.18	0	0	0.0%	0	0	0.0%	1,815,186	2,045,808	-11.3%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	300	-100.0%	1,410,009	1,617,387	-0.13	24,987	16,437	52.0%	0	344	-100.0%	13,629,912	14,084,432	-3.2%	149,626	133,316	12.2%
HEATING OIL PHY	HO	0	17	-100.0%	3,405,108	2,827,583	0.2	195,979	169,376	15.7%	0	703	-100.0%	22,666,226	20,755,993	9.2%	1,688,900	1,475,409	14.5%
HTG OIL	BH	0	36	-100.0%	0	0	0	36	20	80.0%	0	36	-100.0%	84	0	0.0%	84	5,222	-98.4%
MINY HTG OIL	QH	0	0	0.0%	4	21	-0.81	0	0	0.0%	0	0	0.0%	18	72	-75.0%	0	0	0.0%
RBOB PHY	RB	0	39	-100.0%	3,766,073	3,166,827	0.19	299,695	172,952	73.3%	0	460	-100.0%	27,073,209	24,333,643	11.3%	2,074,538	1,230,484	68.6%
MINY RBOB GAS	QU	0	0	0.0%	3	3	0	0	0	0.0%	0	0	0.0%	31	27	14.8%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	33,126	24,445	0.36	86,340	123,596	-30.1%	0	800	-100.0%	255,475	94,521	170.3%	814,410	770,929	5.6%
LTD NAT GAS	HH	0	0	0.0%	118,378	43,613	1.71	136,462	132,717	2.8%	0	0	0.0%	834,426	496,831	67.9%	1,239,470	1,106,437	12.0%
MINY NATURAL GAS	QG	0	0	0.0%	16,566	24,762	-0.33	0	0	0.0%	0	0	0.0%	184,590	174,111	6.0%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	120	2,898	-95.9%
NATURAL GAS PHY	NG	0	28	-100.0%	7,302,983	6,571,658	0.11	212,300	197,155	7.7%	0	1,511	-100.0%	58,613,942	50,691,969	15.6%	2,029,328	1,507,759	34.6%
RBOB GAS	RT	0	0	0.0%	0	0	0	5,182	1,526	239.6%	0	0	0.0%	0	0	0.0%	15,952	8,901	79.2%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	5	121	-95.9%	0	0	0.0%	0	0	0.0%	877	1,751	-49.9%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	170	165	3.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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	1,580	-100.0%	0	0	0.0%	0	0	0.0%	0	5,740	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	0	1,588	-100.0%	0	0	0.0%	0	0	0.0%	0	5,417	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0	0	0	248	-100.0%	0	0	0.0%	0	0	0.0%	0	3,539	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	130	-100.0%

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Energy Futures																				
	ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	6,155	14,270	-56.9%	0	0	0.0%	60	0	0.0%	42,670	97,655	-56.3%
	ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	3,541	1,671	111.9%	0	0	0.0%	0	0	0.0%	13,095	10,993	19.1%
	ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	837	719	16.4%	0	0	0.0%	0	0	0.0%	6,594	6,908	-4.5%
	AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	0	131	-100.0%	0	0	0.0%	0	0	0.0%	993	2,873	-65.4%
	BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	190	40	375.0%	0	0	0.0%	0	0	0.0%	478	810	-41.0%
	BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	3,959	2,919	35.6%	0	0	0.0%	0	0	0.0%	16,920	16,917	0.0%
	BRENT CFD SWAP	6W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	835	260	221.2%	0	0	0.0%	0	0	0.0%	41,011	2,087	1,865.1%
	BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,424	-100.0%
	BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	80	105	-23.8%	0	0	0.0%	0	0	0.0%	200	413	-51.6%
	BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	CAISO SP15 EZGNHUB5 MW P	9X	0	-	-	0	-	0	0	-	0	-	-	0	-	-	7,940	-	-	
	CAISO SP15 EZGNHUB5 PEAK	9Z	0	-	-	0	-	0	0	-	0	-	-	0	-	-	0	-	-	
	CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	15	90	-83.3%	0	0	0.0%	0	0	0.0%	6,999	13,185	-46.9%
	CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	906	-100.0%	0	0	0.0%	0	0	0.0%	534	9,950	-94.6%
	CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0	0	0	740	-100.0%	0	0	0.0%	0	0	0.0%	0	740	-100.0%
	CENTER POINT NAT GAS FIXED	DAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	CHICAGO ETHANOL SWAP	CU	0	0	0.0%	136	1,790	-0.92	72,458	95,965	-24.5%	0	0	0.0%	1,525	9,165	-83.4%	793,776	665,456	19.3%
	CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	99	460	-78.5%	0	0	0.0%	0	0	0.0%	981	1,837	-46.6%
	CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,600	-100.0%
	CIG BASIS	CI	0	0	0.0%	0	0	0	540	5,386	-90.0%	0	0	0.0%	0	0	0.0%	726	53,823	-98.7%
	CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0	0	0	124	-100.0%	0	0	0.0%	0	0	0.0%	720	1,054	-31.7%
	CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	0	0	80,000	112,640	-29.0%	0	0	0.0%	0	0	0.0%	262,680	275,560	-4.7%
	CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	855	1,566	-45.4%	0	0	0.0%	0	0	0.0%	13,668	18,414	-25.8%
	CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	104,240	168,360	-38.1%	0	0	0.0%	0	0	0.0%	381,000	966,584	-60.6%
	CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	2,205	4,350	-49.3%	0	0	0.0%	0	0	0.0%	24,975	60,456	-58.7%
	COAL SWAP	ACM	0	0	0.0%	0	0	0	25	60	-58.3%	0	0	0.0%	0	0	0.0%	1,180	1,730	-31.8%
	COAL SWAP	SSI	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	157	-100.0%
	COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	999	790	26.5%	0	0	0.0%	0	0	0.0%	999	14,968	-93.3%
	COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,208	-100.0%

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Energy Futures																			
COLUMBIA GULF NAT GAS FIXE	DCE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0	0	1,332	0	0.0%	0	0	0.0%	0	0	0.0%	1,332	3,108	-57.1%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	242	93	160.2%	0	0	0.0%	0	0	0.0%	1,789	1,278	40.0%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	339	30	1,030.0%	0	0	0.0%	0	0	0.0%	5,263	444	1,085.4%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	10,865	6,048	79.6%	0	0	0.0%	39	0	0.0%	61,250	40,515	51.2%
CRUDE OIL	CHB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	5,870	4,700	24.9%	0	0	0.0%	1	0	0.0%	27,400	36,062	-24.0%
CRUDE OIL OUTRIGHTS	37	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	86	180	-52.2%	0	0	0.0%	0	0	0.0%	3,841	623	516.5%
CRUDE OIL OUTRIGHTS	CC5	0	-	-	0	-		0	-	-	0	-	-	0	-	-	600	-	-
CRUDE OIL OUTRIGHTS	CSN	0	-	-	0	-		0	-	-	0	-	-	0	-	-	30	-	-
CRUDE OIL OUTRIGHTS	CSW	0	-	-	0	-		420	-	-	0	-	-	0	-	-	1,900	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	1,050	450	133.3%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	230	0	0.0%	0	0	0.0%	0	0	0.0%	330	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	110	30	266.7%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	5,740	5,250	9.3%	0	0	0.0%	0	0	0.0%	63,175	9,312	578.4%
CRUDE OIL OUTRIGHTS	LSW	0	-	-	0	-		0	-	-	0	-	-	0	-	-	240	-	-
CRUDE OIL OUTRIGHTS	SSW	0	-	-	0	-		360	-	-	0	-	-	0	-	-	705	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	615	1,180	-47.9%	0	0	0.0%	0	0	0.0%	24,737	33,539	-26.2%
CRUDE OIL OUTRIGHTS	WCW	0	-	-	0	-		10,695	-	-	0	-	-	0	-	-	29,710	-	-
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	325	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	1,300	6,435	-79.8%	0	0	0.0%	50	0	0.0%	34,089	15,642	117.9%
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	2,720	-100.0%

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Energy Futures																			
DAILY PJM	ZAO	0	0	0.0%	0	0	0	0	0.0%	0	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	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	0	0.0%	0	0	0.0%	0	0	0.0%	
DATED BRENT (PLATTS) DAILY	7G	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,400	0	0.0%	
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	2,580	1,550	66.5%	0	0	0.0%	0	0	0.0%	9,600	11,260	-14.7%
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	800	-100.0%
DEMARC SWING SWAP	DT	0	-	-	0	-		0	-	-	0	-	0	-	-	0	-	-	
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	-	-	0	-		3	-	-	0	-	0	-	-	3	-	-	
DIESEL10PPM BARG VS ICE LS	LSE	-	0	0.0%	-	0	0	-	0	0.0%	-	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%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	17,107	-100.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	152	-1	6,081	8,672	-29.9%	0	0	0.0%	0	243	-100.0%	48,516	132,390	-63.4%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	275	-100.0%	0	0	0.0%	0	0	0.0%	0	275	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	5,460	2,875	89.9%	0	0	0.0%	0	0	0.0%	66,799	9,480	604.6%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,500	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	0	1,310	-100.0%	0	0	0.0%	0	0	0.0%	4,215	8,877	-52.5%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	10	75	-86.7%	0	0	0.0%	0	0	0.0%	1,255	186	574.7%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	674	1,192	-43.5%	0	0	0.0%	0	0	0.0%	6,118	8,092	-24.4%
ELEC ERCOT DLY OFF PK	R4	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	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	0.0%	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	ERE	0	-	-	0	-		690	-	-	0	-	0	-	-	690	-	-	
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Commodity Indicator		Open Outcry JUL 2017	Open Outcry JUL 2016	% CHG	ELEC JUL 2017	ELEC JUL 2016	% CHG	CME ClearPort JUL 2017	CME ClearPort JUL 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
ELEC WEST POWER OFF-PEAK	MDA	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
ELEC WEST POWER PEAK	MDC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	1,540	-	-
EL PASO PERMIAN INDEX SWA EMISSIONS	IL	0	0	0.0%	0	0	0	0	620	-100.0%	0	0	0.0%	0	0	0.0%	0	1,612	-100.0%
ERCOT DAILY 5MW PEAK	CPL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT DAILY 5MW PEAK	ERW	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
ERCOT HOUSTON Z MCPE 5M	I1	0	-	-	0	-		0	-	-	0	-	-	0	-	-	1,680	-	-
ERCOT NORTH ZMCPE 5MW OF	I8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	I6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	14,720	4,280	243.9%
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,510	235	968.1%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	3,372	1,401	140.7%	0	0	0.0%	0	0	0.0%	27,525	14,973	83.8%
EU LOW SULPHUR GASOIL CRA	LSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	18	210	-91.4%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	141	182	-22.5%	0	0	0.0%	0	0	0.0%	3,391	2,121	59.9%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	680	330	106.1%	0	0	0.0%	0	0	0.0%	3,963	3,966	-0.1%
EURO-DENOMINATED PETRO P	IBE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NCP	0	0	0.0%	0	0	0	0	88	-100.0%	0	0	0.0%	0	0	0.0%	1,340	158	748.1%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	278	450	-38.2%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	0	565	-100.0%	0	0	0.0%	0	0	0.0%	663	1,342	-50.6%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	10	10	0.0%	0	0	0.0%	0	0	0.0%	36	124	-71.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	5	247	-98.0%	0	0	0.0%	0	0	0.0%	1,164	2,519	-53.8%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	3,379	5,762	-41.4%	0	0	0.0%	0	0	0.0%	57,518	45,991	25.1%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	3,401	11,509	-0.7	0	0	0.0%	0	0	0.0%	23,621	1,453,810	-98.4%	0	77,400	-100.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	260	133	95.5%	0	0	0.0%	0	0	0.0%	2,739	1,031	165.7%
EUROPEAN NAPHTHA CRACK SP	EN	0	0	0.0%	0	0	0	7,013	4,627	51.6%	0	0	0.0%	0	0	0.0%	50,830	31,825	59.7%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	1,400	3,100	-54.8%	0	0	0.0%	0	0	0.0%	1,816	25,958	-93.0%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	38	57.9%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	3,380	2,004	68.7%	0	0	0.0%	0	0	0.0%	19,958	9,368	113.0%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	810	1,239	-34.6%	0	0	0.0%	0	0	0.0%	7,963	8,405	-5.3%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	0.0%	0	0	0	0	0	0.0%	0	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	789	-100.0%	0	0	0.0%	0	0	0.0%	0	2,097	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	180	24	650.0%	0	0	0.0%	0	0	0.0%	881	1,468	-40.0%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	1,527	5,217	-70.7%	0	0	0.0%	0	0	0.0%	31,586	28,762	9.8%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	32	-100.0%

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Energy Futures																			
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	0	930	-100.0%	0	0	0.0%	0	0	0.0%	0	1,091	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	54	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	295	187	57.8%	0	0	0.0%	0	0	0.0%	2,386	2,729	-12.6%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	5,446	4,784	13.8%	0	0	0.0%	0	0	0.0%	50,137	50,275	-0.3%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	14,159	11,803	20.0%	0	0	0.0%	0	0	0.0%	132,432	99,916	32.5%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED BALMO	X6	-	0	0.0%	-	0	0	-	0	0.0%	-	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%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	50	120	-58.3%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	150	60	150.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	0	0.0%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	25	10	150.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	72	60	20.0%	0	0	0.0%	0	0	0.0%	532	488	9.0%
GASOIL BULLET SWAP	BG	0	-	-	0	-		0	-	-	0	-	-	0	-	-	30	-	-
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	0	46	-100.0%	0	0	0.0%	0	0	0.0%	241	290	-16.9%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	5,308	7,971	-33.4%	0	0	0.0%	0	0	0.0%	55,883	36,632	52.6%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	23	141	-83.7%	0	0	0.0%	0	0	0.0%	1,003	1,838	-45.4%
GASOLINE UP-DOWN BALMO S	1K	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	125	0	0.0%	0	0	0.0%	0	0	0.0%	125	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	5,461	3,780	44.5%	0	0	0.0%	0	0	0.0%	21,210	17,343	22.3%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	425	1,650	-74.2%	0	0	0.0%	0	0	0.0%	3,654	9,515	-61.6%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	915	262	249.2%	0	0	0.0%	0	0	0.0%	9,111	5,297	72.0%
GULF COAST GASOLINE CLND	GS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	355	192	84.9%	0	0	0.0%	0	0	0.0%	901	1,133	-20.5%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	34,721	29,266	18.6%	0	0	0.0%	0	0	0.0%	302,818	227,475	33.1%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	40,385	59,472	-32.1%	0	0	0.0%	0	0	0.0%	375,106	403,729	-7.1%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	495	300	65.0%	0	0	0.0%	0	0	0.0%	9,915	5,434	82.5%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	532	1,232	-56.8%	0	0	0.0%	0	3	-100.0%	4,000	6,199	-35.5%

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Energy Futures																			
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	1,700	75	2,166.7%	0	0	0.0%	0	0	0.0%	3,870	6,006	-35.6%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	100	25	300.0%	0	0	0.0%	0	0	0.0%	830	320	159.4%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	0	2,720	16,538	-83.6%	0	0	0.0%	2,996	31	9,564.5%	48,024	155,386	-69.1%
HENRY HUB FINANCIAL LAST	NBP	0	-	-	59	-		0	-	-	0	-	-	59	-	-	0	-	-
HENRY HUB FINANCIAL LAST	TTE	0	-	-	92	-		0	-	-	0	-	-	92	-	-	0	-	-
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	2,108	15,594	-86.5%	0	0	0.0%	2,996	0	0.0%	45,834	146,955	-68.8%
HENRY HUB SWAP	NN	0	0	0.0%	244	153,919	-1	245,871	103,261	138.1%	0	1,472	-100.0%	59,903	1,342,408	-95.5%	1,140,074	1,727,504	-34.0%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	290	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	243	-1	1,713	1,617	5.9%	0	0	0.0%	0	243	-100.0%	3,777	24,425	-84.5%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0	0	0	186	-100.0%	0	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%	0	0	0.0%	0	0	0.0%	719	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	69,463	10	694,530.0%
ICE GASOIL BALMO SWAP	U9	0	-	-	0	-		9	-	-	0	-	-	0	-	-	9	-	-
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	0	350	-100.0%	0	0	0.0%	0	225	-100.0%	2,850	25,976	-89.0%
INDIANA MISO	FAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FDM	-	0	0.0%	-	0	0	-	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	5	170	-97.1%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	20	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	72	513	-86.0%	0	0	0.0%	0	0	0.0%	3,885	2,766	40.5%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	894	1,055	-15.3%	0	0	0.0%	0	0	0.0%	11,505	8,226	39.9%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	90	5	1,700.0%	0	0	0.0%	0	0	0.0%	1,314	295	345.4%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	0	32	-100.0%	0	0	0.0%	0	0	0.0%	12	112	-89.3%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	129	82	57.3%	0	0	0.0%	0	0	0.0%	824	698	18.1%

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Energy Futures																			
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	2	150.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	42	0	0.0%	0	0	0.0%	0	0	0.0%	62	30	106.7%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	5,056	1,365	270.4%	0	0	0.0%	0	0	0.0%	51,172	21,587	137.1%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	150	190	-21.1%	0	0	0.0%	0	0	0.0%	1,220	5,082	-76.0%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	0	325	-100.0%	0	0	0.0%	0	0	0.0%	1,550	5,575	-72.2%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	25	775	-96.8%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	1,035	1,625	-36.3%	0	0	0.0%	0	0	0.0%	12,120	12,972	-6.6%
LLS (ARGUS) CALENDAR SWAP	XA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	2,438	5,808	-58.0%	0	0	0.0%	15	0	0.0%	24,988	47,963	-47.9%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	5,830	805	624.2%	0	0	0.0%	0	0	0.0%	21,851	33,128	-34.0%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	12,545	11,045	13.6%	0	0	0.0%	0	0	0.0%	134,129	66,704	101.1%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	0	3,450	-100.0%	0	0	0.0%	200	0	0.0%	11,028	14,964	-26.3%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	0	0	0	36,344	118,648	-69.4%	0	0	0.0%	0	0	0.0%	353,243	1,306,301	-73.0%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	3,151	6,187	-49.1%	0	0	0.0%	0	0	0.0%	39,815	135,897	-70.7%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	197	100	97.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	180	75	140.0%	0	0	0.0%	0	0	0.0%	934	963	-3.0%
MICHCON NG INDEX SWAP	Y8	0	0	0.0%	0	0	0	0	1,840	-100.0%	0	0	0.0%	0	0	0.0%	0	1,840	-100.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	62	-1	0	1,783	-100.0%	0	0	0.0%	0	244	-100.0%	2,592	15,065	-82.8%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	59,040	127,640	-53.7%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,195	7,240	-55.9%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	624	351	77.8%	0	0	0.0%	0	0	0.0%	3,796	2,580	47.1%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	402	200	101.0%	0	0	0.0%	0	0	0.0%	2,947	896	228.9%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	3,372	1,014	232.5%	0	0	0.0%	0	0	0.0%	18,151	7,748	134.3%
MJB FUT	MJB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MJC FUT	MJC	0	0	0.0%	0	0	0	35	172	-79.7%	0	0	0.0%	0	0	0.0%	705	621	13.5%
MNC FUT	MNC	0	0	0.0%	0	0	0	3,817	5,934	-35.7%	0	0	0.0%	0	0	0.0%	31,079	28,263	10.0%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	12,293	33,599	-63.4%	0	0	0.0%	0	0	0.0%	174,101	272,898	-36.2%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	0	110	-100.0%	0	0	0.0%	0	0	0.0%	2,272	650	249.5%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	26	1	25	72,162	141,587	-49.0%	0	0	0.0%	170	48	254.2%	615,236	767,482	-19.8%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	1,495	875	70.9%	0	0	0.0%	0	0	0.0%	12,805	5,916	116.4%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	3,408	7,291	-53.3%	0	0	0.0%	0	0	0.0%	29,966	60,644	-50.6%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	145	82	76.8%	0	0	0.0%	0	0	0.0%	1,783	1,410	26.5%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	23,552	26,064	-9.6%	0	0	0.0%	0	0	0.0%	195,610	162,611	20.3%

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Energy Futures																			
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	294	656	-55.2%	0	0	0.0%	0	0	0.0%	5,281	4,975	6.2%
NAT GAS BASIS SWAP	SGW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0	0	0	793	-100.0%	0	0	0.0%	0	0	0.0%	1,737	22,996	-92.4%
NATURAL GAS	HBI	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS	XIC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	44	-	-
NATURAL GAS	XSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	CFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	DSF	0	0	0.0%	0	0	0	360	0	0.0%	0	0	0.0%	0	0	0.0%	360	0	0.0%
NATURAL GAS FIXED PRICE S	MFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	PFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	WFS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	Z5P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	ZTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0	0	0	1,712	-100.0%	0	0	0.0%	0	0	0.0%	656	6,702	-90.2%
NATURAL GAS PEN SWP	NP	0	0	0.0%	7	0	0	63,068	123,477	-48.9%	0	92	-100.0%	58	0	0.0%	632,999	783,538	-19.2%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	11,925	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	635	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	37,440	-100.0%	0	0	0.0%	0	0	0.0%	221,100	164,637	34.3%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	690	2,040	-66.2%	0	0	0.0%	0	0	0.0%	15,670	15,708	-0.2%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	640	-100.0%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	900	750	20.0%	0	0	0.0%	0	0	0.0%	4,610	11,300	-59.2%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0	0	1,200	3,393	-64.6%	0	0	0.0%	0	0	0.0%	2,344	25,369	-90.8%

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Energy Futures																				
	NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	0	620	-100.0%	0	0	0.0%	0	0	0.0%	0	7,227	-100.0%
	NGPL MIDCONTINENT SWING S	PX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	620	-100.0%
	NGPL TEX/OK	PD	0	0	0.0%	0	0	0	3,088	1,100	180.7%	0	0	0.0%	0	0	0.0%	5,856	22,624	-74.1%
	NGPL TEXOK INDEX	OI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
	N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	0	0	187	-100.0%	0	0	0.0%	0	0	0.0%	3,560	2,562	39.0%
	NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,595	-100.0%
	NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	1,235	-100.0%	0	0	0.0%	0	0	0.0%	84	7,027	-98.8%
	NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	186	-1	1,738	6,620	-73.7%	0	0	0.0%	0	308	-100.0%	3,088	127,493	-97.6%
	N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	0	334	0	0.0%	0	0	0.0%	0	0	0.0%	334	0	0.0%
	NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	2,754	2,814	-2.1%	0	0	0.0%	0	0	0.0%	17,141	15,997	7.2%
	NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	409	-100.0%
	NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	25	75	-66.7%	0	0	0.0%	0	0	0.0%	3,110	1,175	164.7%
	NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	30	-16.7%
	NY HARBOR HEAT OIL SWP	MP	0	15	-100.0%	0	0	0	4,456	1,932	130.6%	0	39	-100.0%	3	3	0.0%	18,787	18,395	2.1%
	NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	295	-100.0%	0	0	0.0%	0	0	0.0%	4,048	4,551	-11.1%
	NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	1,341	1,834	-26.9%	0	0	0.0%	0	0	0.0%	17,886	24,478	-26.9%
	NY HARBOR RESIDUAL FUEL C	ML	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	1,670	742	125.1%	0	0	0.0%	0	0	0.0%	11,080	11,685	-5.2%
	NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	60	42	42.9%	0	0	0.0%	0	0	0.0%	267	114	134.2%
	NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	44	90	-51.1%	0	0	0.0%	0	0	0.0%	1,514	1,287	17.6%
	NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	180	72	150.0%	0	0	0.0%	0	0	0.0%	1,444	1,880	-23.2%
	NYISO G	KG	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	172	-100.0%
	NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0	0.0%	0	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	23,400	0	0.0%	0	0	0.0%	0	0	0.0%	32,760	231,440	-85.8%
	NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,815	640	964.8%
	NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	54,290	-100.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC			CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity Indicator		Outcry JUL 2017	Outcry JUL 2016	% CHG	JUL 2017	ELEC JUL 2016	% CHG	ClearPort JUL 2017	ClearPort JUL 2016	% CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	% CHG	Y.T.D 2017	Y.T.D 2016	% CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	110	1,512	-92.7%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	0	79,560	-100.0%	0	0	0.0%	0	0	0.0%	648,480	364,160	78.1%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	3,240	3,060	5.9%	0	0	0.0%	0	0	0.0%	47,955	25,089	91.1%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	226,600	102,952	120.1%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	2,550	0	0.0%	0	0	0.0%	0	0	0.0%	22,295	7,767	187.0%
NY JET FUEL (PLATTS) HEAT OI	1U	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	29	236	-87.7%	0	0	0.0%	0	0	0.0%	7,720	2,944	162.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	945	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	160	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,750	-100.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	60	30	100.0%	0	0	0.0%	0	0	0.0%	485	245	98.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	440	47.7%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	31	-1	3,012	8,212	-63.3%	0	0	0.0%	0	61	-100.0%	3,060	59,543	-94.9%
PANHANDLE INDEX SWAP FUT	IV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,480	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	864	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	795	3,720	-78.6%	0	0	0.0%	0	0	0.0%	1,009	26,222	-96.2%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	50	15	233.3%	0	0	0.0%	0	0	0.0%	500	369	35.5%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	67	45	48.9%	0	0	0.0%	0	0	0.0%	778	381	104.2%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	406	109	272.5%	0	0	0.0%	0	0	0.0%	4,275	1,166	266.6%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	203	181	12.2%	0	0	0.0%	0	0	0.0%	1,489	1,219	22.1%
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	48	-100.0%
PETROCHEMICALS	LPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	110	-54.5%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	40	90	-55.6%	0	0	0.0%	0	0	0.0%	70	355	-80.3%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	30	65	-53.8%	0	0	0.0%	0	0	0.0%	185	910	-79.7%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	1,900	4,115	-53.8%	0	0	0.0%	0	0	0.0%	8,725	19,435	-55.1%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	2,279	1,924	18.5%	0	0	0.0%	0	0	0.0%	10,969	13,426	-18.3%
PETROCHEMICALS	MPS	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	10	-	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	142	1,050	-86.5%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	264	64	312.5%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	420	0	0.0%	0	0	0.0%	0	0	0.0%	1,310	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	260	420	-38.1%	0	0	0.0%	0	0	0.0%	1,055	913	15.6%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC		%	CME	CME	%	Open	Open		ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry JUL 2017	Outcry JUL 2016	% CHG	JUL 2017	ELEC JUL 2016	CHG	ClearPort JUL 2017	ClearPort JUL 2016	CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	% CHG	Y.T.D 2017	Y.T.D 2016	% CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	1,937	963	101.1%	0	0	0.0%	0	0	0.0%	18,180	9,711	87.2%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	0	1,825	-100.0%	0	0	0.0%	0	0	0.0%	5,703	6,100	-6.5%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	985	30	3,183.3%	0	0	0.0%	0	0	0.0%	5,670	1,160	388.8%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	800	1,425	-43.9%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	752	2,397	-68.6%	0	0	0.0%	0	0	0.0%	8,987	6,534	37.5%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	21	-100.0%	0	0	0.0%	0	0	0.0%	42	56	-25.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	2,919	6,243	-53.2%	0	0	0.0%	0	0	0.0%	44,303	52,336	-15.3%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	104	-100.0%	0	0	0.0%	0	0	0.0%	535	104	414.4%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	7,770	4,135	87.9%	0	0	0.0%	0	0	0.0%	24,749	29,582	-16.3%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	109	520	-79.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	1,125	175	542.9%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	6,860	9,181	-25.3%	0	0	0.0%	0	0	0.0%	61,132	65,965	-7.3%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	15,645	8,060	94.1%	0	0	0.0%	0	0	0.0%	109,127	50,370	116.7%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	34	-55.9%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	1,297	1,272	2.0%	0	0	0.0%	0	0	0.0%	9,340	11,918	-21.6%
PETRO CRK&SPRD EURO	1ND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	224	45	397.8%	0	0	0.0%	0	0	0.0%	1,743	976	78.6%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	1,113	1,188	-6.3%	0	0	0.0%	0	0	0.0%	15,079	14,036	7.4%
PETRO CRK&SPRD EURO	EGN	0	-	-	0	-		18	-	-	0	-	-	0	-	-	18	-	-
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	11	0	0.0%	0	0	0.0%	0	0	0.0%	90	91	-1.1%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	348	122	185.2%	0	0	0.0%	0	0	0.0%	2,753	1,560	76.5%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	1,368	1,030	32.8%	0	0	0.0%	0	0	0.0%	18,774	9,979	88.1%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	460	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	739	760	-2.8%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	90	69	30.4%
PETRO CRK&SPRD EURO	LSU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	0	116	-100.0%	0	0	0.0%	0	0	0.0%	719	744	-3.4%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	5	23	-78.3%	0	0	0.0%	0	0	0.0%	114	123	-7.3%

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		Open	Open		ELEC			CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity Indicator		Outcry JUL 2017	Outcry JUL 2016	% CHG	JUL 2017	ELEC JUL 2016	% CHG	ClearPort JUL 2017	ClearPort JUL 2016	% CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	% CHG	Y.T.D 2017	Y.T.D 2016	% CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	804	827	-2.8%	0	0	0.0%	0	0	0.0%	7,130	2,819	152.9%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	155	105	47.6%
PETRO CRK&SPRD EURO	SFC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D44	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D45	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D46	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	D64	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D65	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	934	1,524	-38.7%	0	0	0.0%	0	0	0.0%	17,658	2,074	751.4%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	531	-84.9%
PETROLEUM PRODUCTS	MGS	0	-	-	0	-		0	-	-	0	-	-	0	-	-	20	-	-
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	MME	0	-	-	0	-		0	-	-	0	-	-	0	-	-	20	-	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	1,363	-92.7%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	233	780	-70.1%	0	0	0.0%	0	0	0.0%	1,644	1,959	-16.1%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	152	427	-64.4%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	2,524	1,780	41.8%	0	0	0.0%	0	0	0.0%	14,707	9,115	61.3%
PETROLEUM PRODUCTS ASIA	MSB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	25	-	-
PETRO OUTRIGHT EURO	0A	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	20	420	-95.2%	0	0	0.0%	0	0	0.0%	83	1,250	-93.4%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	106	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	2,357	2,271	3.8%	0	0	0.0%	0	0	0.0%	17,649	29,626	-40.4%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	395	728	-45.7%	0	0	0.0%	0	0	0.0%	3,825	5,878	-34.9%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	949	1,251	-24.1%	0	0	0.0%	0	0	0.0%	8,800	8,002	10.0%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	20	200.0%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	80	219	-63.5%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	0	597	-100.0%	0	0	0.0%	0	0	0.0%	491	1,477	-66.8%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	35	130	-73.1%	0	0	0.0%	0	0	0.0%	497	877	-43.3%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	245	506	-51.6%	0	0	0.0%	0	0	0.0%	875	1,273	-31.3%
PETRO OUTRIGHT EURO	7P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	311	401	-22.4%	0	0	0.0%	0	0	0.0%	1,851	1,910	-3.1%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	5	55	-90.9%

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Energy Futures																			
PETRO OUTRIGHT EURO	CBB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	42	-	-
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	44	15	193.3%	0	0	0.0%	0	0	0.0%	2,039	304	570.7%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	280	361	-22.4%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	102	525	-80.6%	0	0	0.0%	0	0	0.0%	428	615	-30.4%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	40	405	-90.1%	0	0	0.0%	0	0	0.0%	130	998	-87.0%
PETRO OUTRIGHT EURO	ESB	0	-	-	0	-		63	-	-	0	-	-	0	-	-	69	-	-
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	604	300	101.3%	0	0	0.0%	0	0	0.0%	5,092	1,240	310.6%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	20	20	0.0%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	480	84	471.4%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	1,730	1,465	18.1%	0	0	0.0%	0	0	0.0%	7,277	9,527	-23.6%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	40	0.0%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	54	0	0.0%	0	0	0.0%	0	0	0.0%	164	368	-55.4%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	375	490	-23.5%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	0	0.0%
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	Y0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	496	19	2,510.5%	0	0	0.0%	0	0	0.0%	1,350	966	39.8%
PETRO OUTRIGHT NA	FOB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	3	1,566.7%
PETRO OUTRIGHT NA	GBA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%
PETRO OUTRIGHT NA	GUD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	420	439	-4.3%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	2,440	3,700	-34.1%	0	0	0.0%	0	0	0.0%	26,039	14,590	78.5%
PETRO OUTRIGHT NA	JTB	0	-	-	0	-		650	-	-	0	-	-	0	-	-	950	-	-
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	161	168	-4.2%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	305	861	-64.6%	0	0	0.0%	0	0	0.0%	4,369	4,870	-10.3%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	7,353	10,500	-30.0%	0	0	0.0%	0	0	0.0%	71,345	70,379	1.4%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	13	313	-95.8%	0	0	0.0%	0	0	0.0%	203	793	-74.4%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	426	1,063	-59.9%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	625	100	525.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	9,344	65,472	-85.7%	0	0	0.0%	0	0	0.0%	273,469	1,014,512	-73.0%

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Energy Futures																				
	PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	0	511	9,056	-94.4%	0	0	0.0%	0	0	0.0%	19,441	80,849	-76.0%
	PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	PJM ATSI ELEC	MOD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	46,800	0	0.0%
	PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,550	0	0.0%
	PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0	0.0%	0	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	0	23,480	-100.0%	0	0	0.0%	0	0	0.0%	85,390	210,680	-59.5%
	PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0	0	0	1,270	-100.0%	0	0	0.0%	0	0	0.0%	4,675	11,470	-59.2%
	PJM DAILY	JD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%
	PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	211,995	21,305	895.0%
	PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	0	6,350	-100.0%	0	0	0.0%	0	0	0.0%	5,250	14,755	-64.4%
	PJM DUQUESNE 5MW D AH PK	D5	-	0	0.0%	-	0	0	-	0	0.0%	-	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	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	1,905	0	0.0%	0	0	0.0%	0	0	0.0%	77,840	41,968	85.5%
	PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	32,760	49,415	-33.7%	0	0	0.0%	0	0	0.0%	1,664,500	989,372	68.2%
	PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	23,400	28,617	-18.2%	0	0	0.0%	0	0	0.0%	685,367	527,055	30.0%
	PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	1,275	1,375	-7.3%	0	0	0.0%	0	0	0.0%	39,026	25,217	54.8%
	PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	140	-100.0%
	PJM PECO ZONE5MW PEAK CA	4N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	PJM PEPCO DA OFF-PEAK	Q8	-	0	0.0%	-	0	0	-	0	0.0%	-	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	163,800	-100.0%
	PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	375,680	-100.0%	0	0	0.0%	0	0	0.0%	7,500	825,010	-99.1%
	PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	20,320	-100.0%	0	0	0.0%	0	0	0.0%	6,070	42,598	-85.8%
	PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	56,840	962,311	-94.1%	0	0	0.0%	0	0	0.0%	1,846,225	5,428,596	-66.0%
	PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	15,947	59,808	-73.3%	0	0	0.0%	0	0	0.0%	178,376	449,328	-60.3%

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Energy Futures																			
PLASTICS	PGP	0	0	0.0%	0	0	0	437	20	2,085.0%	0	0	0.0%	0	0	0.0%	3,815	2,131	79.0%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	32	294	-89.1%	0	0	0.0%	0	0	0.0%	408	2,155	-81.1%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	32	17	88.2%	0	0	0.0%	0	0	0.0%	152	278	-45.3%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	2	250.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	0	55	-100.0%	0	0	0.0%	0	0	0.0%	37	243	-84.8%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	100	225	-55.6%	0	0	0.0%	0	0	0.0%	3,907	2,502	56.2%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	2,363	11,648	-79.7%	0	0	0.0%	0	0	0.0%	49,813	70,868	-29.7%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	7,325	7,572	-3.3%	0	0	0.0%	5	0	0.0%	48,705	41,804	16.5%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	485	50	870.0%	0	0	0.0%	0	0	0.0%	2,564	10,295	-75.1%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	785	943	-16.8%	0	0	0.0%	0	0	0.0%	5,521	4,563	21.0%
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	0	-	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR S	RV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9,203	-100.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	2,380	2,280	4.4%	0	0	0.0%	0	0	0.0%	14,850	11,227	32.3%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0	0	0	310	-100.0%	0	0	0.0%	0	0	0.0%	0	1,046	-100.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	2,040	4,722	-56.8%	0	0	0.0%	0	0	0.0%	2,254	45,301	-95.0%
SAN JUAN PIPE SWAP	XX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	50	15	233.3%	0	0	0.0%	0	0	0.0%	422	382	10.5%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	146	135	8.1%	0	0	0.0%	0	0	0.0%	1,390	1,008	37.9%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	6,317	9,308	-32.1%	0	0	0.0%	0	0	0.0%	75,963	45,503	66.9%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	963	1,079	-10.8%	0	0	0.0%	0	0	0.0%	7,955	8,635	-7.9%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	763	576	32.5%	0	0	0.0%	0	0	0.0%	5,609	3,849	45.7%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	270	166	62.7%	0	0	0.0%	0	0	0.0%	1,073	1,681	-36.2%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	4,294	3,444	24.7%	0	0	0.0%	0	0	0.0%	33,037	24,178	36.6%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	800	180	344.4%
SINGAPORE GASOIL CALENDAR	MSG	0	0	0.0%	0	0	0	163	0	0.0%	0	0	0.0%	0	0	0.0%	2,111	347	508.4%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	9,669	6,562	47.3%	0	0	0.0%	36	0	0.0%	71,566	29,352	143.8%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	3,455	2,508	37.8%	0	0	0.0%	0	0	0.0%	61,369	13,008	371.8%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	536	56	857.1%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	1,565	1,745	-10.3%	0	0	0.0%	0	0	0.0%	15,095	5,050	198.9%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	3,295	1,130	191.6%	0	0	0.0%	0	0	0.0%	10,244	3,720	175.4%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2017	Open Outcry JUL 2016	% CHG	ELEC JUL 2017	ELEC JUL 2016	% CHG	CME ClearPort JUL 2017	CME ClearPort JUL 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																		
SINGAPORE JET KERO VS. GAS	Z0	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	57	0.0%	0	0	0.0%	0	0	0.0%	1,240	2,818	-56.0%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	6,378	9.9%	0	0	0.0%	5	0	0.0%	55,795	46,422	20.2%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
SINGAPORE NAPHTHA SWAP	SP	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SING FUEL	MSD	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	40	10	300.0%
SOCAL BASIS SWAP	NS	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,600	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0	0	0	0.0%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	522	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	1,368	-100.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	550	-30.1%	0	0	0.0%	0	0	0.0%	6,238	13,775	-54.7%
SUMAS NAT GAS PLATTS FIXE	DVS	0	0	0.0%	0	0	0	306	0.0%	0	0	0.0%	0	0	0.0%	306	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	824	-38.7%	0	0	0.0%	0	0	0.0%	8,226	17,414	-52.8%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	0	0	0	0.0%	0	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	0	-100.0%	0	0	0.0%	0	0	0.0%	428	724	-40.9%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	796	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	2,600	-100.0%
Tetco ELA Basis	TE	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TETCO M-3 INDEX	IX	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	7,463	-100.0%
Tetco STX Basis	TX	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	1,611	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	453	-94.7%	0	0	0.0%	0	31	-100.0%	8,000	55,745	-85.6%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 1 NG BASIS	8E	-	0	0.0%	-	0	0	-	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	0	0.0%	0	0	0.0%	302	610	-50.5%
TRANSCO ZONE 3 NG INDEX S	Y6	0	-	-	0	-	0	-	-	0	-	-	0	-	-	6,256	-	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	186	-1	5,520	299.7%	0	0	0.0%	0	646	-100.0%	12,619	15,563	-18.9%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0	0	744	-100.0%	0	0	0.0%	0	0	0.0%	465	1,457	-68.1%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	1,219	-100.0%	0	0	0.0%	0	0	0.0%	2,870	6,389	-55.1%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	0	604	-100.0%	0	0	0.0%	0	0	0.0%	856	6,014	-85.8%
TRANSCO ZONE 6 PIPE SWAP	XZ4	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry JUL 2017	Open Outcry JUL 2016	% CHG	ELEC JUL 2017	ELEC JUL 2016	% CHG	CME ClearPort JUL 2017	CME ClearPort JUL 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
UCM FUT	UCM	0	0	0.0%	0	0	0	47	10	370.0%	0	0	0.0%	0	0	0.0%	245	231	6.1%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	38	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	45	-33.3%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	0	46	-100.0%	0	0	0.0%	0	0	0.0%	66	154	-57.1%
ULSD 10PPM CIF NW BALMO S	B1	0	-	-	0	-		6	-	-	0	-	-	0	-	-	6	-	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	35	-100.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	2,575	9,862	-73.9%	0	0	0.0%	0	0	0.0%	24,950	32,410	-23.0%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	40,618	68,604	-40.8%	0	0	0.0%	0	0	0.0%	304,721	374,506	-18.6%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	175	-100.0%
VENTURA NAT GAS PLATTS FIX	DVA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WAHA BASIS	NW	0	0	0.0%	0	0	0	1,220	6,891	-82.3%	0	0	0.0%	0	0	0.0%	3,052	35,670	-91.4%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	0	620	-100.0%	0	0	0.0%	0	0	0.0%	0	7,940	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	0	355	-100.0%	0	0	0.0%	0	0	0.0%	2,220	7,367	-69.9%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	404	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	18,140	17,120	6.0%	0	0	0.0%	120	0	0.0%	64,232	85,587	-25.0%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	30,979	20,942	47.9%	0	1,069	-100.0%	0	0	0.0%	236,162	208,980	13.0%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	3,480	450	673.3%	0	0	0.0%	0	0	0.0%	25,374	7,382	243.7%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	1,024	1,010	1.4%	0	0	0.0%	0	0	0.0%	3,944	7,726	-49.0%
Energy Options																			
12 MO GASOIL CAL SWAP SPR	GXZ	0	-	-	0	-		0	-	-	0	-	-	0	-	-	230	-	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
APPALACHIAN COAL	6K	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	1,875	0	0.0%	0	0	0.0%	0	0	0.0%	5,297	10,628	-50.2%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	8,345	5,150	62.0%	0	3,000	-100.0%	0	0	0.0%	24,295	27,215	-10.7%
BRENT OIL LAST DAY	BZO	0	673	-100.0%	12,343	4,018	2.07	24,962	21,911	13.9%	0	2,473	-100.0%	36,909	7,421	397.4%	142,365	85,237	67.0%
BRENT OIL LAST DAY	OS	0	4	-100.0%	0	0	0	0	700	-100.0%	0	4,424	-100.0%	144	0	0.0%	3,000	6,798	-55.9%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	955	3,670	-74.0%	0	0	0.0%	0	0	0.0%	8,021	44,822	-82.1%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	0	700	-100.0%	0	0	0.0%	0	0	0.0%	610	100,684	-99.4%
COAL API2 INDEX	MTC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	150	-66.7%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,330	-100.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open		ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry		JUL	JUL		ClearPort	ClearPort		Outcry	Outcry		Y.T.D	Y.T.D		ClearPort	ClearPort	
Indicator		JUL	JUL	%	2017	2016	CHG	JUL 2017	JUL 2016	CHG	Y.T.D	Y.T.D	%	2017	2016	CHG	Y.T.D	Y.T.D	%
		2017	2016								2017	2016					2017	2016	%
Energy Options																			
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	140	385	-63.6%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	85	86	-1.2%
CRUDE OIL 1MO	WA	0	0	0.0%	17,425	128,821	-0.86	164,850	201,200	-18.1%	0	100	-100.0%	126,284	420,022	-69.9%	1,111,564	1,283,035	-13.4%
CRUDE OIL APO	AO	0	550	-100.0%	0	0	0	56,515	19,443	190.7%	0	7,087	-100.0%	52	0	0.0%	257,489	165,425	55.7%
CRUDE OIL CALNDR STRIP	6F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,150	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	2,405	1,300	85.0%	0	0	0.0%	0	0	0.0%	14,665	25,325	-42.1%
CRUDE OIL PHY	LC	0	606	-100.0%	4	0	0	10,566	20,192	-47.7%	0	10,187	-100.0%	13	0	0.0%	205,509	251,459	-18.3%
CRUDE OIL PHY	LO	0	4,422	-100.0%	2,788,869	2,655,478	0.05	634,039	735,102	-13.7%	0	188,256	-100.0%	21,877,555	19,119,090	14.4%	5,768,724	6,180,572	-6.7%
CRUDE OIL PHY	LO1	0	0	0.0%	17,212	3,991	3.31	0	0	0.0%	0	1,350	-100.0%	88,864	33,613	164.4%	150	150	0.0%
CRUDE OIL PHY	LO2	0	0	0.0%	13,502	2,967	3.55	0	0	0.0%	0	350	-100.0%	79,500	28,439	179.5%	200	200	0.0%
CRUDE OIL PHY	LO3	0	0	0.0%	11,336	0	0	0	0	0.0%	0	1,200	-100.0%	59,744	13,051	357.8%	200	0	0.0%
CRUDE OIL PHY	LO4	0	0	0.0%	22,170	3,010	6.37	0	0	0.0%	0	1,650	-100.0%	114,122	27,058	321.8%	200	630	-68.3%
CRUDE OIL PHY	LO5	0	0	0.0%	0	3,972	-1	0	700	-100.0%	0	585	-100.0%	34,538	14,264	142.1%	250	700	-64.3%
DAILY CRUDE OIL	DNM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	PML	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	213	-100.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	820	2,580	-68.2%
ELECTRICITY OFF PEAK	N9P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	25	200.0%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	25	1,100.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	4,365	4,392	-0.6%	0	0	0.0%	0	0	0.0%	35,802	38,695	-7.5%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	465	430	8.1%	0	0	0.0%	0	0	0.0%	1,385	2,318	-40.3%
EURO-DENOMINATED PETRO P	EFB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE N	30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
GASOIL CRACK SPREAD AVG P	3U	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	872	-100.0%
HEATING OIL CRACK OPTIONS	CH	0	-	-	0	-		0	-	-	0	-	-	0	-	-	100	-	-
HEATING OIL CRK SPD AVG PR	3W	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
HEATING OIL PHY	LB	0	0	0.0%	2	0	0	50	0	0.0%	0	136	-100.0%	8	0	0.0%	1,560	60	2,500.0%
HEATING OIL PHY	OH	0	911	-100.0%	3,983	5,719	-0.3	19,484	43,235	-54.9%	0	5,565	-100.0%	35,110	49,941	-29.7%	188,936	340,122	-44.5%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	3,136	2,003	56.6%	0	0	0.0%	0	0	0.0%	25,360	15,346	65.3%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,300	5,700	-77.2%

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Energy Options																			
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	2,400	-100.0%	0	0	0.0%	0	0	0.0%	5,100	11,130	-54.2%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	1,290	8,395	-84.6%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,385	-100.0%
NATURAL GAS	G10	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	795	0	0	8,900	3,000	196.7%	0	200	-100.0%	995	0	0.0%	282,825	36,330	678.5%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,550	1,000	255.0%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	7,625	17,037	-55.2%	0	250	-100.0%	0	0	0.0%	80,425	156,474	-48.6%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,050	1,200	237.5%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	2,250	0	0.0%	0	0	0.0%	0	0	0.0%	36,820	4,100	798.0%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	1,440	900	60.0%	0	0	0.0%	0	0	0.0%	6,938	13,378	-48.1%
NATURAL GAS PHY	KD	0	0	0.0%	3,902	0	0	32,155	17,275	86.1%	0	0	0.0%	8,478	0	0.0%	228,690	232,844	-1.8%
NATURAL GAS PHY	LN	0	176	-100.0%	955,597	522,135	0.83	821,642	1,433,280	-42.7%	0	10,137	-100.0%	6,808,244	2,421,206	181.2%	9,040,574	10,940,127	-17.4%
NATURAL GAS PHY	ON	0	1,540	-100.0%	168,403	305,360	-0.45	9,072	5,093	78.1%	0	8,382	-100.0%	1,368,688	1,904,167	-28.1%	52,678	49,418	6.6%
NATURAL GAS PHY	ON1	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS PHY	ON5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	0	0	0	0	0.0%	0	500	-100.0%	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	360	720	-50.0%	0	0	0.0%	0	0	0.0%	2,856	3,510	-18.6%
NY HARBOR HEAT OIL SWP	AT	0	170	-100.0%	24	0	0	4,284	6,649	-35.6%	0	1,293	-100.0%	413	6	6,783.3%	24,735	40,903	-39.5%
NYISO ZONE G 5MW PEAK OPT	9U	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	19,830	420	4,621.4%
NYMEX EUROPEAN GASOIL AP	F7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL OP	F8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	2,880	-	-
PETROCHEMICALS	4H	0	0	0.0%	0	2	-1	555	430	29.1%	0	0	0.0%	0	10	-100.0%	3,374	9,460	-64.3%
PETROCHEMICALS	4I	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	1,095	-100.0%	0	0	0.0%	0	0	0.0%	2,450	4,455	-45.0%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	18	495	-96.4%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%
PGE CITYGATE PIPE SWAP	CW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM CALENDAR STRIP	6O	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM ELECTRIC	6OO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	JO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC			CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity Indicator		Outcry JUL 2017	Outcry JUL 2016	% CHG	JUL 2017	JUL 2016	% CHG	ClearPort JUL 2017	ClearPort JUL 2016	% CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	% CHG	Y.T.D 2017	Y.T.D 2016	% CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Options																			
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	530	280	89.3%	0	0	0.0%	0	0	0.0%	3,550	420	745.2%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10,300	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	492	215	128.8%	0	0	0.0%	0	0	0.0%	12,085	1,910	532.7%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	1,458	0	0.0%	0	0	0.0%	0	0	0.0%	2,008	3,400	-40.9%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	0	0	0.0%	0	50	-100.0%	10	0	0.0%	2,125	5,749	-63.0%
RBOB PHY	OB	0	245	-100.0%	4,876	4,942	-0.01	19,528	15,173	28.7%	0	7,754	-100.0%	40,330	55,380	-27.2%	138,518	221,481	-37.5%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	85	20	325.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	400	-100.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	180	720	-75.0%	0	0	0.0%	0	0	0.0%	1,980	6,312	-68.6%
SHORT TERM	U11	0	0	0.0%	0	0	0	840	100	740.0%	0	0	0.0%	0	0	0.0%	3,290	1,600	105.6%
SHORT TERM	U12	0	0	0.0%	0	0	0	90	600	-85.0%	0	0	0.0%	0	0	0.0%	3,679	2,780	32.3%
SHORT TERM	U13	0	0	0.0%	0	0	0	420	100	320.0%	0	0	0.0%	0	0	0.0%	2,085	3,411	-38.9%
SHORT TERM	U14	0	0	0.0%	0	0	0	415	800	-48.1%	0	0	0.0%	0	0	0.0%	1,705	4,425	-61.5%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	125	-100.0%	0	0	0.0%	0	0	0.0%	3,585	1,975	81.5%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	500	-100.0%	0	0	0.0%	0	0	0.0%	1,577	2,375	-33.6%
SHORT TERM	U23	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,022	680	50.3%
SHORT TERM	U24	0	0	0.0%	0	0	0	250	0	0.0%	0	0	0.0%	0	0	0.0%	1,970	1,380	42.8%
SHORT TERM	U25	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	300	205	46.3%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	292	1,230	-76.3%
SHORT TERM CRUDE OIL	C02	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	250	300	-16.7%	0	0	0.0%	0	0	0.0%	2,290	3,275	-30.1%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,425	3,075	-21.1%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,120	725	192.4%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	730	2,500	-70.8%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	600	300	100.0%	0	0	0.0%	0	0	0.0%	3,225	2,325	38.7%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	460	100	360.0%	0	0	0.0%	0	0	0.0%	5,625	1,930	191.5%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	670	300	123.3%	0	0	0.0%	0	0	0.0%	2,935	3,500	-16.1%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,385	2,047	65.4%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,700	3,392	-20.4%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	1,130	0	0.0%	0	0	0.0%	0	0	0.0%	4,887	3,565	37.1%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,120	3,310	-36.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	1,020	0	0.0%	0	0	0.0%	0	0	0.0%	2,929	780	275.5%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	70	525	-86.7%	0	0	0.0%	0	0	0.0%	487	2,080	-76.6%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	380	0	0.0%	0	0	0.0%	0	0	0.0%	3,685	1,080	241.2%

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		Open Outcry JUL 2017	Open Outcry JUL 2016	% CHG	ELEC JUL 2017	ELEC JUL 2016	% CHG	CME ClearPort JUL 2017	CME ClearPort JUL 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Options																			
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	290	0	0.0%	0	0	0.0%	0	0	0.0%	2,805	1,030	172.3%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	194	100	94.0%	0	0	0.0%	0	0	0.0%	1,799	575	212.9%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	1,870	900	107.8%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	200	1,250	-84.0%	0	0	0.0%	0	0	0.0%	1,605	3,275	-51.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	0	225	-100.0%	0	0	0.0%	0	0	0.0%	260	2,450	-89.4%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,055	600	409.2%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	5,650	750	653.3%
SINGAPORE FUEL OIL 180 CS	C5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALENDAR	N2	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	10,000	-100.0%
WTI 12 MONTH CALENDAR OPT	WZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	600	0	0	6,752	14,350	-52.9%	0	0	0.0%	5,620	0	0.0%	231,854	136,840	69.4%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	0	0	28,750	109,000	-73.6%	0	0	0.0%	0	16,826	-100.0%	382,950	1,160,567	-67.0%

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Commodity Indicator		Open Outcry JUL 2017	Open Outcry JUL 2016	% CHG	ELEC JUL 2017	ELEC JUL 2016	% CHG	CME ClearPort JUL 2017	CME ClearPort JUL 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Metals Futures																			
COMEX GOLD	GC	0	6,373	-100.0%	5,735,118	5,501,510	0.04	221,920	163,522	35.7%	0	75,478	-100.0%	36,959,202	32,902,702	12.3%	1,374,491	980,100	40.2%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	634	11	56.64	6,005	3,404	76.4%	0	0	0.0%	1,902	3,499	-45.6%	29,280	29,697	-1.4%
NYMEX PLATINUM	PL	0	0	0.0%	310,600	266,683	0.16	10,462	5,595	87.0%	0	38	-100.0%	2,553,611	2,082,933	22.6%	79,956	41,305	93.6%
PALLADIUM	PA	0	0	0.0%	78,393	96,252	-0.19	4,332	3,146	37.7%	0	63	-100.0%	800,771	725,618	10.4%	43,821	23,388	87.4%
URANIUM	UX	0	0	0.0%	0	0	0	286	0	0.0%	0	0	0.0%	427	993	-57.0%	3,798	5,500	-30.9%
COMEX SILVER	SI	0	470	-100.0%	1,787,910	1,431,615	0.25	41,808	13,078	219.7%	0	7,913	-100.0%	12,633,844	10,023,780	26.0%	312,021	140,359	122.3%
COMEX E-Mini GOLD	QO	0	0	0.0%	7,215	15,804	-0.54	0	0	0.0%	0	0	0.0%	59,088	80,676	-26.8%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	915	2,179	-0.58	0	0	0.0%	0	0	0.0%	6,399	8,560	-25.2%	0	0	0.0%
COMEX COPPER	HG	0	396	-100.0%	1,732,299	1,492,309	0.16	8,202	5,300	54.8%	0	850	-100.0%	13,851,951	11,738,337	18.0%	188,312	22,249	746.4%
COMEX MINY COPPER	QC	0	0	0.0%	370	334	0.11	0	0	0.0%	0	0	0.0%	5,479	4,116	33.1%	0	0	0.0%
Aluminium MW Trans Prem Platts	AUP	0	0	0.0%	226	221	0.02	4,506	5,971	-24.5%	0	0	0.0%	1,420	4,488	-68.4%	50,252	38,911	29.1%
ALUMINUM	A38	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	30	50	-40.0%
ALUMINUM	AEP	0	0	0.0%	0	120	-1	720	1,230	-41.5%	0	0	0.0%	78	2,768	-97.2%	17,711	4,761	272.0%
ALUMINUM	ALA	0	-	-	0	-		250	-	-	0	-	-	0	-	-	450	-	-
ALUMINUM	ALI	0	0	0.0%	332	665	-0.5	0	0	0.0%	0	0	0.0%	4,056	4,394	-7.7%	950	0	0.0%
ALUMINUM	EDP	0	0	0.0%	0	0	0	480	420	14.3%	0	0	0.0%	14	0	0.0%	4,516	2,270	98.9%
ALUMINUM	MJP	0	0	0.0%	44	71	-0.38	2,610	270	866.7%	0	0	0.0%	221	859	-74.3%	8,118	3,804	113.4%
COPPER	HGS	0	0	0.0%	0	0	0	22	30	-26.7%	0	0	0.0%	0	0	0.0%	985	1,782	-44.7%
E-MICRO GOLD	MGC	0	0	0.0%	81,456	97,398	-0.16	0	0	0.0%	0	0	0.0%	606,072	667,510	-9.2%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	35	0	0.0%	495	510	-2.9%
FERROUS PRODUCTS	SSF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	GPS	0	-	-	1	-		0	-	-	0	-	-	1	-	-	0	-	-
Gold Kilo	GCK	0	0	0.0%	258	3,717	-0.93	0	0	0.0%	0	0	0.0%	2,535	35,938	-92.9%	0	0	0.0%
IRON ORE 58 CHINA TSI FUTUR	TIC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	4,070	0	0.0%	0	0	0.0%	0	0	0.0%	6,212	2,470	151.5%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	158	585	-0.73	4,325	11,966	-63.9%	0	0	0.0%	2,098	3,995	-47.5%	68,811	119,339	-42.3%
LNDN ZINC	ZNC	0	0	0.0%	0	35	-1	0	0	0.0%	0	0	0.0%	85	186	-54.3%	0	0	0.0%
METALS	LED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	5	-100.0%	0	0	0.0%
SILVER	SIL	0	0	0.0%	5,431	12,077	-0.55	0	0	0.0%	0	0	0.0%	36,817	59,210	-37.8%	0	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry JUL 2017	Open Outcry JUL 2016	% CHG	ELEC JUL 2017	ELEC JUL 2016	% CHG	CME ClearPort JUL 2017	CME ClearPort JUL 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Metals Options																			
COMEX COPPER	HX	0	90	-100.0%	5,989	3,201	0.87	0	2,500	-100.0%	0	1,073	-100.0%	25,910	14,945	73.4%	2,679	3,296	-18.7%
COMEX GOLD	OG	0	39,237	-100.0%	658,169	403,940	0.63	131,243	142,189	-7.7%	0	507,495	-100.0%	4,316,994	4,202,536	2.7%	1,254,448	1,068,013	17.5%
COMEX SILVER	SO	0	7,693	-100.0%	118,204	118,975	-0.01	13,183	7,957	65.7%	0	55,721	-100.0%	718,790	677,540	6.1%	92,716	67,331	37.7%
COPPER	H4E	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	OG1	0	0	0.0%	2,742	463	4.92	250	0	0.0%	0	86	-100.0%	18,743	6,933	170.3%	450	100	350.0%
GOLD	OG2	0	0	0.0%	2,926	1,405	1.08	50	500	-90.0%	0	240	-100.0%	19,146	6,400	199.2%	900	1,650	-45.5%
GOLD	OG3	0	60	-100.0%	1,690	1,323	0.28	0	0	0.0%	0	90	-100.0%	23,425	6,212	277.1%	1,665	300	455.0%
GOLD	OG4	0	0	0.0%	2,568	809	2.17	0	125	-100.0%	0	0	0.0%	11,084	4,194	164.3%	150	275	-45.5%
GOLD	OG5	0	0	0.0%	0	626	-1	0	0	0.0%	0	200	-100.0%	5,791	2,136	171.1%	0	100	-100.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	300	1,230	-75.6%	0	0	0.0%	0	0	0.0%	8,452	33,201	-74.5%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	2,580	5,162	-50.0%	0	0	0.0%	0	0	0.0%	17,195	23,386	-26.5%
NYMEX PLATINUM	PO	0	5	-100.0%	1,678	549	2.06	1,561	2,103	-25.8%	0	2,010	-100.0%	6,652	4,050	64.2%	11,300	21,600	-47.7%
PALLADIUM	PAO	0	0	0.0%	1,166	472	1.47	5,565	4,920	13.1%	0	272	-100.0%	6,957	1,474	372.0%	24,966	19,742	26.5%
SILVER	SO1	0	0	0.0%	14	0	0	0	0	0.0%	0	0	0.0%	498	12	4,050.0%	25	0	0.0%
SILVER	SO2	0	0	0.0%	24	0	0	0	0	0.0%	0	0	0.0%	188	1	18,700.0%	0	0	0.0%
SILVER	SO3	0	0	0.0%	0	195	-1	0	0	0.0%	0	0	0.0%	567	200	183.5%	0	0	0.0%
SILVER	SO4	0	0	0.0%	17	1	16	0	0	0.0%	0	0	0.0%	114	10	1,040.0%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	3	6	-50.0%	0	0	0.0%
TOTAL FUTURES GROUP																			
Commodities and Alternative Investments Future		0	0	0.0%	5	366	-98.6%	0	0	0.0%	0	0	0.0%	173	2,502	-93.1%	0	0	0.0%
Energy Futures		0	794	-100.0%	43,404,768	33,005,517	31.5%	2,883,230	4,573,778	-37.0%	0	24,685	-100.0%	296,105,080	265,870,142	11.4%	27,296,865	33,616,046	-18.8%
Metals Futures		0	7,239	-100.0%	9,741,360	8,921,586	9.2%	310,028	213,982	44.9%	0	84,342	-100.0%	67,526,106	58,350,567	15.7%	2,190,209	1,416,495	54.6%
TOTAL FUTURES		0	8,033	-100.0%	53,146,133	41,927,469	26.8%	3,193,258	4,787,760	-33.3%	0	109,027	-100.0%	363,631,359	324,223,211	12.2%	29,487,074	35,032,541	-15.8%
TOTAL OPTIONS GROUP																			
Energy Options		0	9,297	-100.0%	4,021,043	3,640,415	10.5%	1,886,064	2,693,520	-30.0%	0	254,929	-100.0%	30,685,621	24,110,494	27.3%	18,449,962	21,729,195	-15.1%
Metals Options		0	47,085	-100.0%	795,187	531,959	49.5%	154,732	166,686	-7.2%	0	567,187	-100.0%	5,154,862	4,926,649	4.6%	1,414,946	1,238,994	14.2%
TOTAL OPTIONS		0	56,382	-100.0%	4,816,230	4,172,374	15.4%	2,040,796	2,860,206	-28.6%	0	822,116	-100.0%	35,840,483	29,037,143	23.4%	19,864,908	22,968,189	-13.5%

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TOTAL COMBINED																		
Commodities and Alternative Investments	0	0	0.0%	5	366	-98.6%	0	0	0.0%	0	0	0.0%	173	2,502	-93.1%	0	0	0.0%
Energy	0	10,091	-100.0%	47,425,811	36,645,932	29.4%	4,769,294	7,267,298	-34.4%	0	279,614	-100.0%	326,790,701	289,980,636	12.7%	45,746,827	55,345,241	-17.3%
Metals	0	54,324	-100.0%	10,536,547	9,453,545	11.5%	464,760	380,668	22.1%	0	651,529	-100.0%	72,680,968	63,277,216	14.9%	3,605,155	2,655,489	35.8%
GRAND TOTAL	0	64,415	-100.0%	57,962,363	46,099,843	25.7%	5,234,054	7,647,966	-31.6%	0	931,143	-100.0%	399,471,842	353,260,354	13.1%	49,351,982	58,000,730	-14.9%