

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

	Commodity Indicator	Open Outcry NOV 2019	Open Outcry NOV 2018	% CHG	ELEC NOV 2019	ELEC NOV 2018	% CHG	CME ClearPort NOV 2019	CME ClearPort NOV 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Ag Products Futures																			
	CJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	8	5	60.0%	0	0	0.0%
	KT	0	0	0.0%	2	0	0	0	0	0.0%	0	0	0.0%	2	0	0.0%	0	0	0.0%
	TT	0	0	0.0%	0	1	-1	0	0	0.0%	0	0	0.0%	38	21	81.0%	0	0	0.0%
	YO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	10	58	-82.8%	0	0	0.0%
Energy Futures																			
	CL	0	0	0.0%	18,666,269	26,949,840	-0.31	399,880	620,721	-35.6%	0	0	0.0%	266,819,923	278,477,981	-4.2%	5,318,192	5,226,333	1.8%
	WS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	89	-100.0%	16,694	15,550	7.4%
	QM	0	0	0.0%	358,951	615,655	-0.42	0	0	0.0%	0	0	0.0%	5,161,441	4,074,872	26.7%	0	0	0.0%
	BZ	0	0	0.0%	1,729,275	2,220,732	-0.22	12,305	49,537	-75.2%	0	0	0.0%	23,349,524	19,734,445	18.3%	486,324	430,421	13.0%
	HO	0	0	0.0%	3,689,352	4,309,272	-0.14	284,434	207,509	37.1%	0	0	0.0%	36,916,115	40,965,345	-9.9%	2,767,993	2,073,539	33.5%
	BH	0	0	0.0%	0	0	0	0	24	-100.0%	0	0	0.0%	0	0	0.0%	96	120	-20.0%
	QH	0	0	0.0%	4	4	0	0	0	0.0%	0	0	0.0%	36	44	-18.2%	0	0	0.0%
	RB	0	0	0.0%	3,413,095	3,784,893	-0.1	172,609	168,869	2.2%	0	0	0.0%	43,782,445	43,873,965	-0.2%	2,631,543	2,335,243	12.7%
	QU	0	0	0.0%	6	6	0	0	0	0.0%	0	0	0.0%	69	43	60.5%	0	0	0.0%
	HP	0	0	0.0%	32,571	76,626	-0.57	64,285	141,344	-54.5%	0	0	0.0%	424,009	560,641	-24.4%	821,476	783,872	4.8%
	HH	0	0	0.0%	158,979	303,243	-0.48	132,597	332,929	-60.2%	0	0	0.0%	1,712,953	2,364,603	-27.6%	1,599,704	1,820,152	-12.1%
	QG	0	0	0.0%	58,117	112,587	-0.48	0	0	0.0%	0	0	0.0%	385,549	387,425	-0.5%	0	36	-100.0%
	JM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	NG	0	0	0.0%	9,695,989	13,892,304	-0.3	264,511	327,042	-19.1%	0	0	0.0%	91,185,560	103,290,989	-11.7%	2,871,618	3,113,815	-7.8%
	RT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	84	14,386	-99.4%
	7D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	97	612	-84.2%
	8D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	95	-78.9%
	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	VM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	N7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	B4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	ND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	NE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	E5	0	0	0.0%	0	0	0	3,935	18,221	-78.4%	0	0	0.0%	0	30	-100.0%	87,329	240,986	-63.8%

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		Outcry NOV 2019	Outcry NOV 2018		NOV 2019	NOV 2018		ClearPort NOV 2019	ClearPort NOV 2018		Y.T.D 2019	Y.T.D 2018		Y.T.D 2019	Y.T.D 2018		ClearPort Y.T.D 2019	ClearPort Y.T.D 2018	
Energy Futures																			
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	5,190	5,595	-7.2%	0	0	0.0%	0	0	0.0%	67,455	65,519	3.0%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	2,747	2,726	0.8%	0	0	0.0%	0	0	0.0%	32,699	31,145	5.0%
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,960	285	587.7%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	7,638	2,125	259.4%	0	0	0.0%	0	0	0.0%	81,795	38,237	113.9%
BRENT CFD SWAP	6W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	1,000	-100.0%	0	0	0.0%	0	0	0.0%	7,000	20,864	-66.4%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	58	0	0.0%	0	0	0.0%	0	0	0.0%	1,539	127	1,111.8%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	224	-100.0%
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	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	36	-100.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	0	66	-1	75,564	86,941	-13.1%	0	0	0.0%	509	2,071	-75.4%	1,106,831	1,052,327	5.2%
CHICAGO ULSD (PLATTS) SWA	4C	-	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	651	932	-30.2%	0	0	0.0%	0	0	0.0%	6,016	5,007	20.2%
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%	1,370	950	44.2%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	221	-100.0%
CIG ROCKIES NG INDEX SWA	Z8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0	0.0%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	0	538	-100.0%	0	0	0.0%	0	0	0.0%	4,872	12,376	-60.6%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,920	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	325	1,505	-78.4%
COAL SWAP	ACM	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	570	-100.0%
COAL SWAP	SSI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	364	0	0.0%
COLUMBIA GULF ONSHORE	GL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	222	916	-75.8%	0	0	0.0%	0	5	-100.0%	2,584	2,649	-2.5%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	675	70	864.3%	0	0	0.0%	0	0	0.0%	5,417	2,831	91.3%

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Energy Futures																			
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	16	-1	12,903	13,712	-5.9%	0	0	0.0%	144	48	200.0%	160,769	174,954	-8.1%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	3,300	3,600	-8.3%	0	0	0.0%	0	0	0.0%	33,110	48,985	-32.4%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	285	192	48.4%	0	0	0.0%	0	0	0.0%	4,250	2,677	58.8%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	960	30	3,100.0%	0	0	0.0%	0	0	0.0%	4,781	330	1,348.8%
CRUDE OIL OUTRIGHTS	CPD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,956	-100.0%
CRUDE OIL OUTRIGHTS	CSN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	40	30	33.3%	0	0	0.0%	50	0	0.0%	3,228	2,315	39.4%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	730	99	637.4%
CRUDE OIL OUTRIGHTS	FE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	15	0	0.0%	0	0	0.0%	0	0	0.0%	296	105	181.9%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	65,605	38,047	72.4%	0	0	0.0%	0	0	0.0%	641,505	529,495	21.2%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	1,305	0	0.0%	0	0	0.0%	0	0	0.0%	4,488	335	1,239.7%
CRUDE OIL OUTRIGHTS	SSW	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	UMD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,800	-100.0%
CRUDE OIL OUTRIGHTS	UNS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	7,554	-100.0%
CRUDE OIL OUTRIGHTS	WCC	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	WCW	0	0	0.0%	0	0	0	2,770	2,162	28.1%	0	0	0.0%	0	0	0.0%	42,210	65,018	-35.1%
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 PHY	HCL	0	0	0.0%	6,535	10,095	-0.35	95	0	0.0%	0	0	0.0%	126,856	10,095	1,156.6%	48,637	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	150	2,055	-92.7%
CRUDE OIL SPRDS	HIL	0	-	-	0	-		0	-	-	0	-	-	0	-	-	900	-	-
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	12,860	10,718	20.0%	0	0	0.0%	0	0	0.0%	228,584	415,278	-45.0%
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	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Energy Futures																			
DAILY PJM	ZGO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	7G	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,000	3,360	-70.2%
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	5	-100.0%
DIESEL 10PPM BARGES FOB B	U7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	126	-100.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	125	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	240	15,305	-98.4%	0	0	0.0%	0	0	0.0%	18,055	99,807	-81.9%
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	25,146	3,685	5.82	60	0	0.0%	0	0	0.0%	126,780	18,071	601.6%	60	10	500.0%
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%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	245	-100.0%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	187	-89.3%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	36	313	-88.5%	0	0	0.0%	0	0	0.0%	3,422	3,170	7.9%
ELEC ERCOT DLY OFF PK	I4	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	I3	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 OFF PEAK	I2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	19,600	-100.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC FINSETTLED	49	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	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%	0	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%	0	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	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0	0	0	55,380	-100.0%	0	0	0.0%	0	0	0.0%	0	55,380	-100.0%
ELECTRICITY OFF PEAK	50	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC WEST POWER PEAK	MDC	-	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	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT HOUSTON Z MCPE 5M	I1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,950	-100.0%
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%

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Energy Futures																			
	I6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	19,600	-100.0%
	I5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,050	-100.0%
	MTH	0	-	-	0	-		0	-	-	0	-	-	0	-	-	50	-	-
	Z1B	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
	MT2	0	0	0.0%	0	0	0	70	270	-74.1%	0	0	0.0%	0	0	0.0%	960	670	43.3%
	Z1	0	0	0.0%	0	0	0	5,541	6,461	-14.2%	0	0	0.0%	0	0	0.0%	41,013	37,812	8.5%
	KX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	33	-90.9%
	KR	0	0	0.0%	0	0	0	95	235	-59.6%	0	0	0.0%	0	0	0.0%	566	5,674	-90.0%
	FK	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	182	840	-78.3%
	NCP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	640	-100.0%
	ET	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	370	-100.0%
	UF	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	644	546	17.9%
	UH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
	UI	0	0	0.0%	0	0	0	15	4	275.0%	0	0	0.0%	0	0	0.0%	400	991	-59.6%
	UV	0	0	0.0%	0	0	0	1,152	3,205	-64.1%	0	0	0.0%	0	0	0.0%	10,610	77,095	-86.2%
	7F	0	0	0.0%	84	1,254	-0.93	0	0	0.0%	0	0	0.0%	1,228	6,929	-82.3%	0	0	0.0%
	KZ	0	0	0.0%	0	0	0	15	184	-91.8%	0	0	0.0%	0	0	0.0%	1,448	3,039	-52.4%
	EN	0	0	0.0%	0	0	0	3,101	8,523	-63.6%	0	0	0.0%	0	0	0.0%	40,565	103,391	-60.8%
	UB	0	0	0.0%	0	0	0	0	2,520	-100.0%	0	0	0.0%	0	0	0.0%	1,633	4,720	-65.4%
	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	8	39	-79.5%
	UN	0	0	0.0%	0	0	0	567	2,614	-78.3%	0	0	0.0%	0	0	0.0%	17,077	38,106	-55.2%
	PS	0	0	0.0%	0	0	0	1,941	2,051	-5.4%	0	0	0.0%	0	0	0.0%	20,962	20,318	3.2%
	FP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	ACB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	1,020	-	-
	FLP	0	0	0.0%	0	0	0	25	337	-92.6%	0	0	0.0%	0	0	0.0%	1,516	2,185	-30.6%
	FRC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,652	600	175.3%
	FRS	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	80	0	0.0%
	T2D	0	0	0.0%	0	0	0	390	1,215	-67.9%	0	0	0.0%	0	0	0.0%	6,090	4,673	30.3%
	TC6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	240	-100.0%
	TD3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	140	30	366.7%
	TD8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	150	-60.0%
	USC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	280	-	-
	FO	0	0	0.0%	0	0	0	2,049	1,442	42.1%	0	0	0.0%	0	0	0.0%	19,161	37,502	-48.9%
	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	171	-91.2%

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Energy Futures																			
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	154	-96.1%
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	120	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	55	15	266.7%	0	0	0.0%	0	0	0.0%	1,584	2,129	-25.6%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	1,890	5,318	-64.5%	0	0	0.0%	0	0	0.0%	50,067	81,582	-38.6%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	8,606	12,780	-32.7%	0	0	0.0%	0	0	0.0%	86,280	198,152	-56.5%
GASOIL 0.1 CIF MED SWAP	Z4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
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%	10	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%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	21	10	110.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	0	26	-100.0%	0	0	0.0%	0	0	0.0%	139	1,496	-90.7%
GASOIL 10P CRG CIF NW VS	3V	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	39	12	225.0%
GASOIL BULLET SWAP	BG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	122	12	916.7%	0	0	0.0%	0	0	0.0%	275	66	316.7%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	3,672	604	507.9%	0	0	0.0%	0	0	0.0%	10,526	38,106	-72.4%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	1,433	803	78.5%	0	0	0.0%	0	0	0.0%	5,283	2,827	86.9%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	811	1,377	-0.41	0	0	0.0%	0	0	0.0%	23,953	4,479	434.8%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	0	45	-100.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%
GROUP THREE UNLEAD GAS (F	A9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	425	-29.4%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	1,015	3,826	-73.5%	0	0	0.0%	0	0	0.0%	36,464	39,259	-7.1%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	1,185	1,735	-31.7%	0	0	0.0%	0	0	0.0%	27,312	23,342	17.0%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	304	703	-56.8%	0	0	0.0%	0	0	0.0%	8,828	13,602	-35.1%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	0	207	-100.0%	0	0	0.0%	0	0	0.0%	267	1,402	-81.0%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	7,160	22,758	-68.5%	0	0	0.0%	0	0	0.0%	210,663	387,389	-45.6%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	15,229	30,573	-50.2%	0	0	0.0%	2	0	0.0%	241,124	577,851	-58.3%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	700	830	-15.7%	0	0	0.0%	0	0	0.0%	3,138	17,306	-81.9%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	96	254	-62.2%	0	0	0.0%	0	0	0.0%	3,816	3,573	6.8%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	240	-100.0%	0	0	0.0%	0	0	0.0%	360	1,655	-78.2%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	565	243	132.5%
HEATING OIL CRCK SPRD BAL	1H	0	-	-	0	-		0	-	-	0	-	-	0	-	-	18	-	-
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%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	0	4,960	0	0.0%	0	0	0.0%	0	0	0.0%	21,170	32,088	-34.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	26,818	-100.0%	0	0	0.0%

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Energy Futures																				
	HENRY HUB FINANCIAL LAST	TTE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	885	-100.0%	0	0	0.0%	
	HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	4,960	0	0.0%	0	0	0.0%	0	0	0.0%	21,170	32,088	-34.0%
	HENRY HUB SWAP	NN	0	0	0.0%	0	9,147	-1	88,866	158,218	-43.8%	0	0	0.0%	122	68,731	-99.8%	1,059,902	1,780,385	-40.5%
	HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	736	0	0.0%	
	HUSTN SHIP CHNL PIPE SWP	XJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	7,875	3,890	102.4%	0	0	0.0%	0	0	0.0%	63,086	104,308	-39.5%
	ICE GASOIL BALMO SWAP	U9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,248	-100.0%
	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	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%
	INDIANA MISO	PDD	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%
	INDONESIAN COAL	MCC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0	0	125	205	-39.0%	0	0	0.0%	0	0	0.0%	3,505	1,720	103.8%
	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%	0	0	0.0%
	JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	161	-100.0%	0	0	0.0%	0	0	0.0%	196	1,890	-89.6%
	JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	206	1,105	-81.4%	0	0	0.0%	0	0	0.0%	10,074	22,215	-54.7%
	JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	333	628	-47.0%
	JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
	JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	262	642	-59.2%
	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%
	JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	132	0	0.0%
	JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	1,775	5,370	-66.9%	0	0	0.0%	0	0	0.0%	43,348	65,567	-33.9%
	JKM LNG Futures	JKM	0	0	0.0%	0	0	0	3,366	3,335	0.9%	0	0	0.0%	0	0	0.0%	20,742	15,679	32.3%
	LA CARB DIESEL (OPIS)	LX	-	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	0	125	-100.0%	0	0	0.0%	0	0	0.0%	400	3,095	-87.1%
	LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	0	410	-100.0%	0	0	0.0%	0	0	0.0%	2,875	5,510	-47.8%
	LA JET FUEL VS NYM NO 2 H	MQ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	275	700	-60.7%	0	0	0.0%	0	0	0.0%	12,884	21,179	-39.2%
	LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	607	-100.0%
	LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	1,244	2,800	-55.6%	0	0	0.0%	0	0	0.0%	19,989	59,429	-66.4%
	LOS ANGELES CARB GASOLIN	MH	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	10	10	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry NOV 2019	Open Outcry NOV 2018	% CHG	ELEC NOV 2019	ELEC NOV 2018	% CHG	CME ClearPort NOV 2019	CME ClearPort NOV 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	200	985	-79.7%	0	0	0.0%	0	0	0.0%	14,755	22,270	-33.7%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	13,105	12,665	3.5%	0	0	0.0%	480	575	-16.5%	198,538	219,391	-9.5%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,319	-100.0%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	1,057	0	0	29,465	24,979	18.0%	0	0	0.0%	6,802	731	830.5%	330,223	261,910	26.1%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	1,544	2,100	-26.5%	0	0	0.0%	0	0	0.0%	24,962	32,311	-22.7%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	10	268	-96.3%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	10	120	-91.7%	0	0	0.0%	0	0	0.0%	510	813	-37.3%
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	84	362	-76.8%	0	0	0.0%	0	0	0.0%	2,079	3,798	-45.3%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,910	3,383	15.6%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	1,072	1,322	-18.9%	0	0	0.0%	0	0	0.0%	20,394	20,073	1.6%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	150	1,460	-89.7%
MNC FUT	MNC	0	0	0.0%	0	0	0	1,385	5,026	-72.4%	0	0	0.0%	0	0	0.0%	35,961	45,790	-21.5%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	11,813	8,446	39.9%	0	0	0.0%	0	0	0.0%	173,360	172,811	0.3%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	110	80	37.5%	0	0	0.0%	0	0	0.0%	1,504	1,690	-11.0%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	6	3	1	135,380	136,578	-0.9%	0	0	0.0%	118	212	-44.3%	1,587,512	1,382,279	14.8%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	1,764	1,871	-5.7%	0	0	0.0%	0	0	0.0%	30,550	27,019	13.1%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	14,486	7,858	84.3%	0	0	0.0%	0	0	0.0%	98,706	91,947	7.4%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	685	40	1,612.5%	0	0	0.0%	0	0	0.0%	7,156	3,626	97.4%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	57,022	32,903	73.3%	0	0	0.0%	0	0	0.0%	529,447	399,925	32.4%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	916	920	-0.4%	0	0	0.0%	0	0	0.0%	13,905	11,989	16.0%
NAT GAS BASIS SWAP	TZ6	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	XIC	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	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS INDEX	TZI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	33,654	54,632	-38.4%	0	0	0.0%	0	0	0.0%	329,369	390,190	-15.6%
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	0	0.0%
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	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	71,600	136,440	-47.5%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	220	12,711	-98.3%
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	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry NOV 2019	Outcry NOV 2018	% CHG	NOV 2019	NOV 2018	CHG	ClearPort NOV 2019	ClearPort NOV 2018	CHG	Outcry Y.T.D 2019	Outcry Y.T.D 2018	CHG	Y.T.D 2019	Y.T.D 2018	CHG	ClearPort Y.T.D 2019	ClearPort Y.T.D 2018	% CHG
Energy Futures																			
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 W CNT MASS 5MW D AH	L9	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 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	0	0.0%
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	1,380	337	309.5%	0	0	0.0%	0	0	0.0%	9,348	12,028	-22.3%
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	0	1,300	-100.0%	0	0	0.0%	0	0	0.0%	1,760	4,748	-62.9%
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	0	3,080	-100.0%	0	0	0.0%	0	0	0.0%	2,696	47,716	-94.3%
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	0	0.0%	0	0	0.0%	0	0	0.0%	925	2,983	-69.0%
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	0	0.0%
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
NORTHERN ILLINOIS OFF-PEA	UO	-	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	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,106	0	0.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	59	-100.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	305	510	-40.2%	0	0	0.0%	0	0	0.0%	4,987	13,908	-64.1%
NY 2.2% FUEL OIL (PLATTS	Y3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	775	1,795	-56.8%
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	50	-50.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	10	-1	715	4,713	-84.8%	0	0	0.0%	19	77	-75.3%	22,998	27,706	-17.0%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	390	3,445	-88.7%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	2,305	621	271.2%	0	0	0.0%	0	0	0.0%	9,368	11,413	-17.9%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	150	534	-71.9%	0	0	0.0%	0	0	0.0%	5,175	8,576	-39.7%
NYISO A	KA	-	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%
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	620	646	-4.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	795	-100.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	335	-82.1%
NYISO G	KG	-	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%

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		Open	Open		ELEC		%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity	Indicator	Outcry	Outcry	%	NOV	NOV	CHG	ClearPort	ClearPort	CHG	Outcry	Outcry	CHG	Y.T.D	Y.T.D	CHG	ClearPort	ClearPort	% CHG
		NOV	NOV		2019	2018		NOV	NOV		Y.T.D	Y.T.D		2019	2018		Y.T.D	Y.T.D	
		2019	2018								2019	2018					2019	2018	
Energy Futures																			
NYISO J	KJ	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 OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	44,264	-100.0%
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%	0	1,890	-100.0%
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%
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%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	0	11,550	-100.0%	0	0	0.0%	0	0	0.0%	101,424	626,384	-83.8%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	0	635	-100.0%	0	0	0.0%	0	0	0.0%	8,394	21,159	-60.3%
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%	0	0	0.0%
NYISO ZONE J 5MW D AH PK	D3	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%	2,000	0	0.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,770	213	1,200.5%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,860	2,704	-31.2%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	10	150.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	275	-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%	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	160	108	48.1%	0	0	0.0%	0	0	0.0%	1,883	1,978	-4.8%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	89	51	74.5%	0	0	0.0%	0	0	0.0%	1,138	1,634	-30.4%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	49	11	345.5%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	79	23	243.5%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	1,049	0	0.0%	0	0	0.0%	0	0	0.0%	7,667	6,760	13.4%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	627	477	31.4%	0	0	0.0%	0	0	0.0%	5,604	4,798	16.8%
PETROCHEMICALS	HPE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	280	50	460.0%
PETROCHEMICALS	MAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	408	522	-21.8%	0	0	0.0%	0	0	0.0%	4,069	2,564	58.7%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	40	370	-89.2%	0	0	0.0%	0	0	0.0%	2,282	2,081	9.7%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	700	360	94.4%	0	0	0.0%	0	0	0.0%	3,965	8,890	-55.4%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	390	1,272	-69.3%	0	0	0.0%	0	0	0.0%	6,530	19,650	-66.8%

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Commodity Indicator		Open Outcry NOV 2019	Open Outcry NOV 2018	% CHG	ELEC NOV 2019	ELEC NOV 2018	% CHG	CME ClearPort NOV 2019	CME ClearPort NOV 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	224	203	10.3%	0	0	0.0%	0	0	0.0%	2,424	1,353	79.2%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	400	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	332	539	-38.4%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	4,200	6,935	-39.4%	0	0	0.0%	0	0	0.0%	73,016	29,825	144.8%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	2,887	1,897	52.2%	0	0	0.0%	0	0	0.0%	26,907	31,209	-13.8%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	100	200	-50.0%	0	0	0.0%	0	0	0.0%	3,870	6,975	-44.5%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	125	440	-71.6%	0	0	0.0%	0	0	0.0%	6,124	12,725	-51.9%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,740	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	1,243	539	130.6%	0	0	0.0%	0	0	0.0%	13,479	14,600	-7.7%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	163	84.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	8,240	6,359	29.6%	0	0	0.0%	0	0	0.0%	40,068	122,174	-67.2%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	40	150.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	745	453	64.5%	0	0	0.0%	0	0	0.0%	18,476	9,122	102.5%
PETRO CRCKS & SPRDS NA	KSD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	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	4	-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%	0	50	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	125	0	0.0%
PETRO CRCKS & SPRDS NA	NYH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	2,348	3,315	-29.2%	0	0	0.0%	0	0	0.0%	71,972	57,610	24.9%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	7,186	14,599	-50.8%	0	0	0.0%	0	0	0.0%	141,567	174,729	-19.0%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	50	25	100.0%	0	0	0.0%	0	0	0.0%	1,145	346	230.9%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	150	1,625	-90.8%	0	0	0.0%	0	0	0.0%	10,708	19,716	-45.7%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	155	3,414	-95.5%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	186	980	-81.0%	0	0	0.0%	0	0	0.0%	5,312	17,716	-70.0%
PETRO CRK&SPRD EURO	EGB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	EGN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	53	222	-76.1%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	433	693	-37.5%	0	0	0.0%	0	0	0.0%	6,038	10,486	-42.4%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	264	1,138	-76.8%	0	0	0.0%	0	0	0.0%	6,870	21,132	-67.5%
PETRO CRK&SPRD EURO	FBT	0	-	-	0	-		0	-	-	0	-	-	0	-	-	60	-	-

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Energy Futures																			
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	30	-100.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	527	680	-22.5%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	84	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	0	110	-100.0%	0	0	0.0%	0	0	0.0%	160	220	-27.3%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	130	173	-24.9%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	58	182	-68.1%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	73	2,271	-96.8%	0	0	0.0%	0	0	0.0%	3,509	20,710	-83.1%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	56	125	-55.2%
PETROLEUM PRODUCTS	1NM	0	-	-	0	-		20	-	-	0	-	-	0	-	-	788	-	-
PETROLEUM PRODUCTS	EWB	-	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	1,095	4,382	-75.0%	0	0	0.0%	0	0	0.0%	23,200	55,601	-58.3%
PETROLEUM PRODUCTS	H5F	0	-	-	0	-		5,168	-	-	0	-	-	0	-	-	5,168	-	-
PETROLEUM PRODUCTS	JCC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	720	-	-
PETROLEUM PRODUCTS	MBS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	MGS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
PETROLEUM PRODUCTS	MPE	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	NCC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	10	-	-
PETROLEUM PRODUCTS	R5F	0	-	-	0	-		13	-	-	0	-	-	0	-	-	32	-	-
PETROLEUM PRODUCTS	S53	0	-	-	0	-		0	-	-	0	-	-	0	-	-	56	-	-
PETROLEUM PRODUCTS	UP5	0	-	-	0	-		1,065	-	-	0	-	-	0	-	-	1,149	-	-
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	300	295	1.7%	0	0	0.0%	0	0	0.0%	815	1,339	-39.1%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	168	714	-76.5%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	80	2,265	-96.5%	0	0	0.0%	0	0	0.0%	13,861	21,300	-34.9%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	16	40	-60.0%	0	0	0.0%	0	0	0.0%	467	124	276.6%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	45	23	95.7%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	545	1,491	-63.4%	0	0	0.0%	0	0	0.0%	13,953	14,592	-4.4%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	136	238	-42.9%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	52	444	-88.3%	0	0	0.0%	0	0	0.0%	3,550	5,575	-36.3%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	8	39	-79.5%
PETRO OUTRIGHT EURO	33	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	5L	0	0	0.0%	0	0	0	8	40	-80.0%	0	0	0.0%	0	0	0.0%	236	264	-10.6%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	107	217	-50.7%

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Energy Futures																			
PETRO OUTRIGHT EURO	6L	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	46	74	-37.8%	0	0	0.0%	0	0	0.0%	985	1,235	-20.2%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	70	73	-4.1%	0	0	0.0%	0	0	0.0%	1,346	3,006	-55.2%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	31	125	-75.2%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	50	80	-37.5%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	255	127	100.8%	0	0	0.0%	0	0	0.0%	2,380	3,453	-31.1%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	22	21	4.8%	0	0	0.0%	0	0	0.0%	194	185	4.9%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	31	0	0.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	163	145	12.4%
PETRO OUTRIGHT EURO	ESB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	63	719	-91.2%	0	0	0.0%	0	0	0.0%	4,269	7,862	-45.7%
PETRO OUTRIGHT EURO	FBD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	5	20.0%
PETRO OUTRIGHT EURO	GES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	H5G	0	-	-	0	-		918	-	-	0	-	-	0	-	-	1,257	-	-
PETRO OUTRIGHT EURO	M1B	0	-	-	0	-		700	-	-	0	-	-	0	-	-	1,645	-	-
PETRO OUTRIGHT EURO	M35	0	-	-	0	-		0	-	-	0	-	-	0	-	-	24	-	-
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	5	50	-90.0%	0	0	0.0%	0	0	0.0%	5	321	-98.4%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	10	150	-93.3%	0	0	0.0%	0	0	0.0%	3,231	9,117	-64.6%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	215	361	-40.4%	0	0	0.0%	0	0	0.0%	3,497	1,500	133.1%
PETRO OUTRIGHT EURO	R53	0	-	-	0	-		96	-	-	0	-	-	0	-	-	203	-	-
PETRO OUTRIGHT EURO	R5M	0	-	-	0	-		225	-	-	0	-	-	0	-	-	1,608	-	-
PETRO OUTRIGHT EURO	R5O	0	-	-	0	-		74	-	-	0	-	-	0	-	-	2,229	-	-
PETRO OUTRIGHT EURO	S5F	0	-	-	0	-		27	-	-	0	-	-	0	-	-	136	-	-
PETRO OUTRIGHT EURO	S5M	0	-	-	0	-		445	-	-	0	-	-	0	-	-	1,714	-	-
PETRO OUTRIGHT EURO	S5O	0	-	-	0	-		186	-	-	0	-	-	0	-	-	505	-	-
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	850	553	53.7%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9	-100.0%
PETRO OUTRIGHT EURO	T2B	0	-	-	0	-		0	-	-	0	-	-	0	-	-	15	-	-
PETRO OUTRIGHT EURO	TMB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	50	-	-
PETRO OUTRIGHT EURO	ULB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	980	-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	116	-100.0%

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		Open	Open		ELEC			CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity	Indicator	Outcry	Outcry	%	NOV	NOV	%	ClearPort	ClearPort	%	Outcry	Outcry	%	Y.T.D	Y.T.D	%	ClearPort	ClearPort	%
		NOV	NOV	CHG	2019	2018	CHG	NOV 2019	NOV 2018	CHG	Y.T.D	Y.T.D	CHG	2019	2018	CHG	Y.T.D	Y.T.D	% CHG
Energy Futures																			
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	426	808	-47.3%
PETRO OUTRIGHT NA	FOM	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	JE	0	0	0.0%	0	0	0	0	42	-100.0%	0	0	0.0%	0	0	0.0%	240	111	116.2%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	1,025	1,965	-47.8%	0	0	0.0%	0	0	0.0%	24,980	33,390	-25.2%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	250	900	-72.2%	0	0	0.0%	0	0	0.0%	7,573	7,550	0.3%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	324	40	710.0%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	78	373	-79.1%	0	0	0.0%	0	0	0.0%	1,757	4,752	-63.0%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	1,995	2,497	-20.1%	0	0	0.0%	0	0	0.0%	24,483	38,503	-36.4%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	35	0	0.0%	0	0	0.0%	0	0	0.0%	373	100	273.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	0	27	-100.0%	0	0	0.0%	0	0	0.0%	819	220	272.3%
PETRO OUTRIGHT NA	NYT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	0	23,360	-100.0%	0	0	0.0%	0	0	0.0%	117,180	64,757	81.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	0	0	1,285	-100.0%	0	0	0.0%	0	0	0.0%	2,560	14,358	-82.2%
PJM AECO DA OFF-PEAK	X1	-	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%
PJM APS ZONE DA OFF-PEAK	W4	-	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%
PJM ATSI ELEC	MOD	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	MPD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	0	0	0.0%	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%
PJM JCPL DA PEAK	J2	-	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	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,845	6,380	-39.7%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70,000	5,925	1,081.4%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	770	-100.0%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	64	-100.0%
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	0	0.0%

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	Commodity Indicator	Open Outcry NOV 2019	Open Outcry NOV 2018	% CHG	ELEC NOV 2019	ELEC NOV 2018	% CHG	CME ClearPort NOV 2019	CME ClearPort NOV 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG	
Energy Futures																				
	PJM PECO ZONE5MW PEAK CA	4N	0	0	0.0%	0	0	0	0	2,960	-100.0%	0	0	0.0%	0	0	0.0%	0	2,960	-100.0%
	PJM PPL DA OFF-PEAK	F5	-	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%
	PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0	0	0	55,380	-100.0%	0	0	0.0%	0	0	0.0%	0	78,780	-100.0%
	PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	2,960	-100.0%	0	0	0.0%	0	0	0.0%	0	4,235	-100.0%
	PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	101,810	-100.0%
	PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,525	-100.0%
	PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	0	23,360	-100.0%	0	0	0.0%	0	0	0.0%	47,100	372,480	-87.4%
	PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	0	1,799	-100.0%	0	0	0.0%	0	0	0.0%	53,631	60,990	-12.1%
	PLASTICS	PGP	0	0	0.0%	0	0	0	736	709	3.8%	0	0	0.0%	0	0	0.0%	7,948	5,023	58.2%
	PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	21	446	-95.3%	0	0	0.0%	0	0	0.0%	858	2,838	-69.8%
	PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	139	443	-68.6%
	PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	20	83	-75.9%
	PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	35	326	-89.3%
	PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	773	7	10,942.9%	0	0	0.0%	0	0	0.0%	15,445	5,196	197.2%
	PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	30,849	12,383	149.1%	0	0	0.0%	0	0	0.0%	221,059	139,177	58.8%
	RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	6,227	3,612	72.4%	0	0	0.0%	0	0	0.0%	63,421	62,151	2.0%
	RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	2,060	55	3,645.5%	0	0	0.0%	0	0	0.0%	13,560	9,583	41.5%
	RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	0	0.0%
	RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	1,587	396	300.8%	0	0	0.0%	0	0	0.0%	10,405	11,178	-6.9%
	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 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 VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	1,975	-92.4%
	SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	58	-100.0%
	SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	360	-100.0%
	SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	230	483	-52.4%
	SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	116	93	24.7%	0	0	0.0%	0	0	0.0%	932	2,294	-59.4%
	SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	2,134	7,770	-72.5%	0	0	0.0%	0	0	0.0%	30,062	91,963	-67.3%
	SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	103	426	-75.8%	0	0	0.0%	0	0	0.0%	2,430	8,482	-71.4%
	SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	49	175	-72.0%	0	0	0.0%	0	0	0.0%	688	6,186	-88.9%
	SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	2,372	747	217.5%	0	0	0.0%	0	0	0.0%	22,556	2,053	998.7%
	SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	65	48	35.4%	0	0	0.0%	0	0	0.0%	707	554	27.6%
	SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	1,725	5,698	-69.7%	0	0	0.0%	0	0	0.0%	38,305	52,920	-27.6%
	SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,300	-100.0%

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Energy Futures																			
SINGAPORE GASOIL CALEND	GDH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
SINGAPORE GASOIL CALEND	GDL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%
SINGAPORE GASOIL CALEND	GHS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	270	0	0.0%
SINGAPORE GASOIL CALEND	MGO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	313	130	140.8%	0	0	0.0%	0	0	0.0%	2,082	4,882	-57.4%
SINGAPORE GASOIL CALEND	SGG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	325	-100.0%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	1,293	1,585	-18.4%	0	0	0.0%	0	2	-100.0%	10,539	47,257	-77.7%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	90	2,403	-96.3%	0	0	0.0%	0	0	0.0%	4,683	128,813	-96.4%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	215	-76.7%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	0	675	-100.0%	0	0	0.0%	0	0	0.0%	100	34,820	-99.7%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	490	275	78.2%	0	0	0.0%	0	0	0.0%	6,495	13,275	-51.1%
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	400	-100.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	1,500	5,771	-74.0%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	5,972	14,066	-57.5%	0	0	0.0%	0	2	-100.0%	94,294	151,952	-37.9%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%
SING FUEL	MSD	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	30	100	-70.0%
SOCAL PIPE SWAP	XN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SONAT BASIS SWAP FUTURE	SZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	91	-100.0%
SUMAS NAT GAS PLATTS FIXE	DVS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	25	195	-87.2%	0	0	0.0%	0	0	0.0%	2,456	1,052	133.5%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	15	160	-90.6%	0	0	0.0%	0	0	0.0%	3,416	1,185	188.3%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TCO NG INDEX SWAP	Q1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0	0	2,836	5,110	-44.5%	0	0	0.0%	0	0	0.0%	58,780	17,546	235.0%
TENNESSEE 500 LEG BASIS S	NM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	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%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Tetco STX Basis	TX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0	0	0	0	0.0%	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	0.0%	0	0	0.0%

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Energy Futures																			
TRANSCO ZONE 3 NG INDEX S	Y6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 4 NAT GAS IN	B2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 INDEX	IT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	60	-66.7%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	295	2,031	-0.85	0	0	0.0%	0	0	0.0%	6,339	48,262	-86.9%	0	150	-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%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	14	-100.0%
ULSD 10PPM CIF NW BALMO S	B1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	4,950	7,971	-37.9%	0	0	0.0%	0	0	0.0%	61,280	64,075	-4.4%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	39,211	35,075	11.8%	0	0	0.0%	0	0	0.0%	380,309	362,695	4.9%
WAHA BASIS	NW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	3,201	-79.7%
WAHA INDEX SWAP FUTURE	IY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,953	6,650	-70.6%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	34,765	18,361	89.3%	0	0	0.0%	0	6	-100.0%	397,210	333,505	19.1%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	60,076	37,140	61.8%	0	0	0.0%	0	0	0.0%	462,473	373,579	23.8%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	1,440	3,138	-54.1%	0	0	0.0%	0	0	0.0%	46,137	88,728	-48.0%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	115	120	-4.2%	0	0	0.0%	0	0	0.0%	7,270	6,225	16.8%
Energy Options																			
12 MO GASOIL CAL SWAP SPR	GXZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,000	-100.0%
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	12	-1	900	274	228.5%	0	0	0.0%	0	24	-100.0%	4,710	13,438	-65.0%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,000	-100.0%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	100	-1	0	500	-100.0%	0	0	0.0%	1,800	3,000	-40.0%	33,990	408,088	-91.7%
BRENT CRUDE OIL 6 M CSO	9L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,000	-100.0%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	13,000	104,456	-87.6%	0	0	0.0%	0	0	0.0%	355,576	404,176	-12.0%
BRENT OIL LAST DAY	BZO	0	0	0.0%	58,679	126,936	-0.54	19,475	54,150	-64.0%	0	0	0.0%	684,795	804,459	-14.9%	350,807	1,064,258	-67.0%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	190	-100.0%	0	1,000	-100.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	0	165	-100.0%	0	0	0.0%	0	0	0.0%	225	6,590	-96.6%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry NOV 2019	Outcry NOV 2018	% CHG	NOV 2019	NOV 2018	CHG	ClearPort NOV 2019	ClearPort NOV 2018	CHG	Outcry Y.T.D 2019	Outcry Y.T.D 2018	CHG	Y.T.D 2019	Y.T.D 2018	CHG	ClearPort Y.T.D 2019	ClearPort Y.T.D 2018	% CHG
Energy Options																			
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	0	175	-100.0%	0	0	0.0%	0	0	0.0%	835	3,655	-77.2%
COAL API2 INDEX	MTC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-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	60	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL	6Y	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	150	-	-
CRUDE OIL 1MO	WA	0	0	0.0%	2,900	37,230	-0.92	106,250	166,015	-36.0%	0	0	0.0%	90,787	188,985	-52.0%	2,263,825	2,042,165	10.9%
CRUDE OIL APO	AO	0	0	0.0%	0	5	-1	105,348	53,097	98.4%	0	0	0.0%	3	336	-99.1%	540,373	486,562	11.1%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	170	17.6%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8,000	-100.0%
CRUDE OIL OUTRIGHTS	DBP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	960	390	146.2%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,300	20,850	-93.8%
CRUDE OIL PHY	LC	0	0	0.0%	20	0	0	18,428	24,764	-25.6%	0	0	0.0%	80	724	-89.0%	124,084	128,251	-3.2%
CRUDE OIL PHY	LO	0	0	0.0%	1,652,387	4,712,119	-0.65	274,602	1,141,431	-75.9%	0	0	0.0%	25,033,995	33,798,750	-25.9%	4,219,416	7,496,204	-43.7%
CRUDE OIL PHY	LO1	0	0	0.0%	15,754	11,326	0.39	0	0	0.0%	0	0	0.0%	171,441	169,105	1.4%	875	483	81.2%
CRUDE OIL PHY	LO2	0	0	0.0%	12,536	20,248	-0.38	0	0	0.0%	0	0	0.0%	151,937	178,384	-14.8%	550	450	22.2%
CRUDE OIL PHY	LO3	0	0	0.0%	341	28,426	-0.99	0	0	0.0%	0	0	0.0%	98,827	134,768	-26.7%	700	325	115.4%
CRUDE OIL PHY	LO4	0	0	0.0%	24,448	24,112	0.01	0	0	0.0%	0	0	0.0%	183,708	183,252	0.2%	300	350	-14.3%
CRUDE OIL PHY	LO5	0	0	0.0%	20,801	21,680	-0.04	0	250	-100.0%	0	0	0.0%	69,059	71,160	-3.0%	700	475	47.4%
ELEC MISO PEAK	9T	-	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%	0	275	-100.0%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	6,540	3,155	107.3%	0	0	0.0%	0	0	0.0%	116,501	66,358	75.6%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	375	-100.0%	0	0	0.0%	0	0	0.0%	780	3,493	-77.7%
EUROPEAN JET KEROSENE N	30	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	TDT	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	1,800	-	-
GASOLINE	GCE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HEATING OIL CRACK OPTIONS	CH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HEATING OIL CRK SPD AVG PR	3W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	0	699	-100.0%	0	0	0.0%	2	0	0.0%	2,000	1,719	16.3%
HEATING OIL PHY	OH	0	0	0.0%	6,176	7,385	-0.16	15,905	47,086	-66.2%	0	0	0.0%	50,870	58,392	-12.9%	253,661	291,086	-12.9%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	1,599	4,073	-60.7%	0	0	0.0%	94	5	1,780.0%	64,664	48,003	34.7%

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Commodity Indicator		Open Outcry NOV 2019	Open Outcry NOV 2018	% CHG	ELEC NOV 2019	ELEC NOV 2018	% CHG	CME ClearPort NOV 2019	CME ClearPort NOV 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Options																			
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	400	2,500	-84.0%	0	0	0.0%	0	0	0.0%	2,550	2,600	-1.9%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
LLS CRUDE OIL	YVO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	480	290	65.5%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	25	70	-64.3%	0	0	0.0%	0	0	0.0%	1,125	2,145	-47.6%
NATURAL GAS	G10	-	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%	10,902	250	42.61	150,250	122,900	22.3%	0	0	0.0%	39,375	2,629	1,397.7%	875,330	489,641	78.8%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	14,825	30	49,316.7%	0	0	0.0%	0	0	0.0%	21,050	1,430	1,372.0%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	2,900	0	0.0%	0	0	0.0%	0	1	-100.0%	228,425	44,245	416.3%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	1,350	0	0.0%	0	0	0.0%	0	0	0.0%	6,100	2,550	139.2%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	42,650	12,100	252.5%	0	0	0.0%	0	0	0.0%	106,675	96,500	10.5%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	3,220	6,660	-51.7%	0	0	0.0%	0	0	0.0%	29,040	34,302	-15.3%
NATURAL GAS PHY	KD	0	0	0.0%	823	2,290	-0.64	2,485	3,750	-33.7%	0	0	0.0%	6,741	123,504	-94.5%	37,540	78,085	-51.9%
NATURAL GAS PHY	LN	0	0	0.0%	1,292,615	1,822,630	-0.29	719,026	1,145,449	-37.2%	0	0	0.0%	10,046,180	12,981,852	-22.6%	7,420,497	8,146,196	-8.9%
NATURAL GAS PHY	ON	0	0	0.0%	156,812	357,252	-0.56	1,260	63,148	-98.0%	0	0	0.0%	1,365,629	2,079,227	-34.3%	35,516	155,736	-77.2%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,500	2,700	-44.4%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	0	1,540	-100.0%	0	0	0.0%	0	0	0.0%	4,352	3,556	22.4%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	23	44	-0.48	247	5,965	-95.9%	0	0	0.0%	443	602	-26.4%	26,148	31,500	-17.0%
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%	0	0	0.0%
NYMEX EUROPEAN GASOIL AP	F7	-	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	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	4H	0	0	0.0%	17	0	0	10	10	0.0%	0	0	0.0%	41	23	78.3%	4,831	6,639	-27.2%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	1,350	-85.2%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	560	3,300	-83.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	0	0.0%
PETRO OUTRIGHT EURO	8H	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	BCO	0	-	-	0	-		0	-	-	0	-	-	0	-	-	36	-	-
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	120	360	-66.7%	0	0	0.0%	0	0	0.0%	540	552	-2.2%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	150	80	87.5%	0	0	0.0%	0	0	0.0%	1,000	800	25.0%
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	880	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	0	84	-100.0%	0	0	0.0%	0	0	0.0%	836	7,488	-88.8%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	700	-78.6%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	576	1,125	-48.8%
RBOB CRACK	RX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%

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		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry	%	NOV	NOV	CHG	ClearPort	ClearPort	CHG	Outcry	Outcry	CHG	Y.T.D	Y.T.D	CHG	ClearPort	ClearPort	%
Indicator		NOV	NOV		2019	2018		NOV	NOV		Y.T.D	Y.T.D		2019	2018		Y.T.D	Y.T.D	
		2019	2018					2019	2018		2019	2018					2019	2018	
Energy Options																			
RBOB PHY	OB	0	0	0.0%	2,545	2,901	-0.12	4,915	11,775	-58.3%	0	0	0.0%	37,530	36,662	2.4%	111,360	99,462	12.0%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	6	0	0.0%	1,618	125	1,194.4%
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	0	0.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,880	2,149	80.5%
SHORT TERM	C15	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	500	-100.0%
SHORT TERM	U11	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	111	-100.0%	750	1,125	-33.3%
SHORT TERM	U12	0	0	0.0%	0	0	0	0	800	-100.0%	0	0	0.0%	0	100	-100.0%	1,480	1,800	-17.8%
SHORT TERM	U13	0	0	0.0%	1	0	0	100	100	0.0%	0	0	0.0%	1	0	0.0%	250	500	-50.0%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	13	-100.0%	150	850	-82.4%
SHORT TERM	U15	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	25	147	-83.0%	1,650	650	153.8%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	1	96	-99.0%	0	1,175	-100.0%
SHORT TERM	U23	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	17	148	-88.5%	100	750	-86.7%
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	379	-100.0%	250	500	-50.0%
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	150	-100.0%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	100	600	-83.3%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	625	550	13.6%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	500	0	0.0%	0	0	0.0%	0	98	-100.0%	675	2,700	-75.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	750	-100.0%	0	0	0.0%	4	54	-92.6%	700	2,225	-68.5%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	125	-100.0%	1,000	1,850	-45.9%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	100	-100.0%	250	1,530	-83.7%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	5	50	-90.0%	500	1,450	-65.5%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	4	0	0	100	250	-60.0%	0	0	0.0%	4	1	300.0%	750	1,850	-59.5%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	52	-100.0%	2,650	1,425	86.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	34	-100.0%	700	1,600	-56.3%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,150	1,250	-8.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	150	-100.0%	250	550	-54.5%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	96	-100.0%	450	2,200	-79.5%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	25	22	13.6%	300	1,600	-81.3%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	123	-100.0%	200	225	-11.1%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	25	-100.0%	500	1,400	-64.3%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	13	-100.0%	50	350	-85.7%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	0	400	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	400	100	300.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	50	50	0.0%	0	0	0.0%	0	10	-100.0%	150	500	-70.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

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Energy Options																			
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	600	100	500.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	27	-100.0%	1,400	0	0.0%
SINGAPORE GASOIL CALEND	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 CALEND	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%
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	1,400	2,300	-0.39	30,800	29,135	5.7%	0	0	0.0%	39,105	148,335	-73.6%	526,400	690,395	-23.8%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	0	0	29,600	144,140	-79.5%	0	0	0.0%	8,600	15,050	-42.9%	557,920	851,990	-34.5%

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Metals Futures																			
COMEX GOLD	GC	0	0	0.0%	8,674,886	6,115,530	0.42	252,532	235,710	7.1%	0	0	0.0%	78,639,711	73,507,108	7.0%	2,474,831	2,662,473	-7.0%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	1,390	3,633	-0.62	9,006	8,353	7.8%	0	0	0.0%	33,319	33,933	-1.8%	131,344	78,431	67.5%
NYMEX PLATINUM	PL	0	0	0.0%	389,538	361,546	0.08	10,132	11,303	-10.4%	0	0	0.0%	5,098,036	4,829,803	5.6%	176,057	135,831	29.6%
PALLADIUM	PA	0	0	0.0%	127,650	143,577	-0.11	3,625	4,533	-20.0%	0	0	0.0%	1,145,883	1,304,704	-12.2%	37,769	54,120	-30.2%
URANIUM	UX	0	0	0.0%	0	27	-1	0	2,142	-100.0%	0	0	0.0%	412	793	-48.0%	10,189	5,655	80.2%
COMEX SILVER	SI	0	0	0.0%	2,277,208	2,239,156	0.02	57,080	59,969	-4.8%	0	0	0.0%	22,093,704	22,056,704	0.2%	512,718	629,727	-18.6%
COMEX E-Mini GOLD	QO	0	0	0.0%	22,811	9,527	1.39	0	0	0.0%	0	0	0.0%	225,803	91,830	145.9%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	2,484	1,047	1.37	0	0	0.0%	0	0	0.0%	47,531	12,554	278.6%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	2,107,219	2,521,183	-0.16	9,437	25,540	-63.1%	0	0	0.0%	22,177,136	31,009,521	-28.5%	166,006	294,445	-43.6%
COMEX MINY COPPER	QC	0	0	0.0%	497	337	0.47	0	0	0.0%	0	0	0.0%	7,129	4,933	44.5%	0	0	0.0%
ALUMINUM	A38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	22	72	-69.4%
ALUMINUM	AEP	0	0	0.0%	120	118	0.02	7,332	3,729	96.6%	0	0	0.0%	175	118	48.3%	29,160	18,459	58.0%
ALUMINUM	ALA	0	0	0.0%	0	0	0	242	240	0.8%	0	0	0.0%	0	0	0.0%	1,162	5,755	-79.8%
ALUMINUM	ALI	0	0	0.0%	2,963	0	0	0	0	0.0%	0	0	0.0%	12,808	0	0.0%	130	0	0.0%
ALUMINUM	AUP	0	0	0.0%	795	357	1.23	11,036	7,769	42.1%	0	0	0.0%	6,859	8,155	-15.9%	67,584	87,333	-22.6%
ALUMINUM	CUP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	0	180	-100.0%
ALUMINUM	EDP	0	0	0.0%	0	75	-1	4,576	1,530	199.1%	0	0	0.0%	72	122	-41.0%	26,260	16,974	54.7%
ALUMINUM	MJP	0	0	0.0%	0	0	0	240	540	-55.6%	0	0	0.0%	0	76	-100.0%	10,510	12,299	-14.5%
COPPER	HGS	0	0	0.0%	0	0	0	582	1,417	-58.9%	0	0	0.0%	0	0	0.0%	9,921	16,263	-39.0%
E-MICRO GOLD	MGC	0	0	0.0%	692,043	161,742	3.28	0	0	0.0%	0	0	0.0%	5,194,918	1,645,616	215.7%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	438	305	0.44	720	1,583	-54.5%	0	0	0.0%	5,019	1,123	346.9%	7,078	17,852	-60.4%
GOLD	GPS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	SGC	0	-	-	4,417	-		0	-	-	0	-	-	14,001	-	-	0	-	-
GOLD	SGU	0	-	-	15,264	-		0	-	-	0	-	-	21,350	-	-	0	-	-
Gold Kilo	GCK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	136	-100.0%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	0	23	-1	1,919	4,770	-59.8%	0	0	0.0%	28	172	-83.7%	52,536	42,374	24.0%
LNDN ZINC	ZNC	0	0	0.0%	0	2,931	-1	0	0	0.0%	0	0	0.0%	1,230	13,475	-90.9%	0	0	0.0%
SILVER	SIL	0	0	0.0%	54,536	12,447	3.38	0	0	0.0%	0	0	0.0%	326,664	89,789	263.8%	0	0	0.0%

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Metals Options																			
COMEX COPPER	HX	0	0	0.0%	37,385	33,435	0.12	19,610	7,542	160.0%	0	0	0.0%	471,817	240,145	96.5%	179,339	86,098	108.3%
COMEX GOLD	OG	0	0	0.0%	789,341	719,309	0.1	161,379	169,658	-4.9%	0	0	0.0%	10,966,996	8,548,130	28.3%	3,219,689	2,232,220	44.2%
COMEX SILVER	SO	0	0	0.0%	146,389	131,793	0.11	14,309	37,209	-61.5%	0	0	0.0%	1,834,577	1,415,708	29.6%	213,783	316,742	-32.5%
COPPER	H1E	0	0	0.0%	185	15	11.33	0	100	-100.0%	0	0	0.0%	644	62	938.7%	0	100	-100.0%
COPPER	H2E	0	0	0.0%	140	12	10.67	0	0	0.0%	0	0	0.0%	813	148	449.3%	125	0	0.0%
COPPER	H3E	0	0	0.0%	38	6	5.33	0	0	0.0%	0	0	0.0%	1,022	113	804.4%	0	0	0.0%
COPPER	H4E	0	0	0.0%	51	2	24.5	0	0	0.0%	0	0	0.0%	210	171	22.8%	150	0	0.0%
COPPER	H5E	0	0	0.0%	506	0	0	0	0	0.0%	0	0	0.0%	603	12	4,925.0%	0	0	0.0%
GOLD	OG1	0	0	0.0%	21,220	8,864	1.39	1,450	450	222.2%	0	0	0.0%	421,157	120,630	249.1%	31,580	1,910	1,553.4%
GOLD	OG2	0	0	0.0%	39,244	10,640	2.69	2,000	150	1,233.3%	0	0	0.0%	385,481	109,378	252.4%	29,757	3,520	745.4%
GOLD	OG3	0	0	0.0%	45,383	16,931	1.68	1,950	100	1,850.0%	0	0	0.0%	324,073	122,037	165.6%	18,879	4,000	372.0%
GOLD	OG4	0	0	0.0%	21,412	6,663	2.21	500	0	0.0%	0	0	0.0%	216,654	76,733	182.3%	9,075	1,750	418.6%
GOLD	OG5	0	0	0.0%	20,120	6,833	1.94	950	0	0.0%	0	0	0.0%	80,172	32,861	144.0%	3,275	0	0.0%
HOT ROLLED COIL STEEL CALL	HRO	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	1,050	300	250.0%
HOT ROLLED COIL STEEL PUT	HRO	0	-	-	0	-		150	-	-	0	-	-	0	-	-	150	-	-
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,830	200	3,315.0%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,600	1,280	181.3%
NYMEX PLATINUM	PO	0	0	0.0%	674	1,421	-0.53	1,400	1,300	7.7%	0	0	0.0%	15,019	20,018	-25.0%	22,241	22,801	-2.5%
PALLADIUM	PAO	0	0	0.0%	508	443	0.15	800	510	56.9%	0	0	0.0%	6,534	15,010	-56.5%	7,144	13,678	-47.8%
SILVER	SO1	0	0	0.0%	1,535	572	1.68	0	0	0.0%	0	0	0.0%	20,439	5,550	268.3%	1,325	0	0.0%
SILVER	SO2	0	0	0.0%	3,105	914	2.4	0	0	0.0%	0	0	0.0%	19,457	5,118	280.2%	1,400	0	0.0%
SILVER	SO3	0	0	0.0%	2,096	747	1.81	200	0	0.0%	0	0	0.0%	17,445	6,771	157.6%	615	0	0.0%
SILVER	SO4	0	0	0.0%	627	742	-0.15	100	0	0.0%	0	0	0.0%	6,987	3,919	78.3%	100	0	0.0%
SILVER	SO5	0	0	0.0%	1,386	654	1.12	0	0	0.0%	0	0	0.0%	5,419	2,746	97.3%	0	0	0.0%
TOTAL FUTURES GROUP																			
Ag Products Futures		0	0	0.0%	2	1	100.0%	0	0	0.0%	0	0	0.0%	58	84	-31.0%	0	0	0.0%
Energy Futures		0	0	0.0%	37,836,542	52,292,846	-27.6%	2,253,177	3,039,663	-25.9%	0	0	0.0%	470,031,026	493,918,471	-4.8%	27,793,566	30,308,230	-8.3%
Metals Futures		0	0	0.0%	14,374,259	11,573,561	24.2%	368,459	369,128	-0.2%	0	0	0.0%	135,051,788	134,610,690	0.3%	3,713,277	4,078,243	-8.9%
TOTAL FUTURES		0	0	0.0%	52,210,803	63,866,408	-18.2%	2,621,636	3,408,791	-23.1%	0	0	0.0%	605,082,872	628,529,245	-3.7%	31,506,843	34,386,473	-8.4%

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TOTAL OPTIONS GROUP																		
Energy Options	0	0	0.0%	3,259,184	7,177,246	-54.6%	1,568,380	3,152,886	-50.3%	0	0	0.0%	38,081,180	50,981,422	-25.3%	18,363,287	23,294,035	-21.2%
Metals Options	0	0	0.0%	1,131,345	939,996	20.4%	204,798	217,319	-5.8%	0	0	0.0%	14,795,519	10,725,260	38.0%	3,750,107	2,684,599	39.7%
TOTAL OPTIONS	0	0	0.0%	4,390,529	8,117,242	-45.9%	1,773,178	3,370,205	-47.4%	0	0	0.0%	52,876,699	61,706,682	-14.3%	22,113,394	25,978,634	-14.9%
TOTAL COMBINED																		
Ag Products	0	0	0.0%	2	1	100.0%	0	0	0.0%	0	0	0.0%	58	84	-31.0%	0	0	0.0%
Energy	0	0	0.0%	41,095,726	59,470,092	-30.9%	3,821,557	6,192,549	-38.3%	0	0	0.0%	508,112,206	544,899,893	-6.8%	46,156,853	53,602,265	-13.9%
Metals	0	0	0.0%	15,505,604	12,513,557	23.9%	573,257	586,447	-2.2%	0	0	0.0%	149,847,307	145,335,950	3.1%	7,463,384	6,762,842	10.4%
GRAND TOTAL	0	0	0.0%	56,601,332	71,983,650	-21.4%	4,394,814	6,778,996	-35.2%	0	0	0.0%	657,959,571	690,235,927	-4.7%	53,620,237	60,365,107	-11.2%