

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	0	0.0%	0	-	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	0.0%	2	2	0.0%
COTTON	TT	0	2	-100.0%	0	0.0%	0	59	-100.0%
SUGAR 11	YO	0	0	0.0%	0	0.0%	0	10	-100.0%
Energy Futures									
CRUDE OIL PHY	CL	17,329,755	15,434,149	12.3%	22,982,482	-24.6%	248,314,481	274,180,352	-9.4%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	3,732	31,422	-88.1%
MINY WTI CRUDE OIL	QM	479,671	279,470	71.6%	618,678	-22.5%	5,261,224	6,834,996	-23.0%
BRENT OIL LAST DAY	BZ	1,710,764	1,506,371	13.6%	2,227,127	-23.2%	24,184,136	25,979,078	-6.9%
HEATING OIL PHY	HO	2,804,932	2,975,931	-5.7%	3,817,258	-26.5%	38,711,497	44,003,184	-12.0%
HTG OIL	BH	0	0	0.0%	0	0.0%	124	108	14.8%
MINY HTG OIL	QH	13	6	116.7%	9	44.4%	83	61	36.1%
RBOB PHY	RB	3,312,905	3,438,581	-3.7%	4,136,008	-19.9%	47,837,998	46,492,488	2.9%
MINY RBOB GAS	QU	13	7	85.7%	8	62.5%	107	85	25.9%
NATURAL GAS	HP	119,424	129,016	-7.4%	142,005	-15.9%	1,891,559	1,850,904	2.2%
LTD NAT GAS	HH	396,371	325,923	21.6%	336,990	17.6%	4,102,845	3,299,893	24.3%
MINY NATURAL GAS	QG	194,234	197,755	-1.8%	326,126	-40.4%	2,305,179	1,612,231	43.0%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	7,670,114	9,454,851	-18.9%	7,555,349	1.5%	97,588,795	120,799,509	-19.2%
RBOB GAS	RT	0	0	0.0%	0	0.0%	84	84	0.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0.0%	0	20	-100.0%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	-	0	0	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	-	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	2,430	2,030	19.7%	5,661	-57.1%	95,438	72,825	31.1%
ARGUS PROPAN FAR EST INDE	7E	3,724	4,990	-25.4%	5,703	-34.7%	71,225	62,349	14.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,592	1,863	-14.5%	1,901	-16.3%	21,736	27,087	-19.8%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	0	200	-100.0%	0	0.0%	1,314	1,706	-23.0%
BRENT CALENDAR SWAP	CY	21,560	6,223	246.5%	13,493	59.8%	134,241	82,520	62.7%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0.0%	4,000	2,200	81.8%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	0	185	-100.0%

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BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	68	260	-73.8%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAR VINTAGE	GEO	2,249	0	-	4,389	-48.8%	16,120	0	-
CAR VINTAGE	NGO	3,775	0	-	9,016	-58.1%	31,029	0	-
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	54,270	58,974	-8.0%	77,780	-30.2%	866,757	874,634	-0.9%
CHICAGO ULSD PL VS HO SPR	5C	30	160	-81.3%	25	20.0%	3,752	7,307	-48.7%
CHICAGO UNL GAS PL VS RBO	3C	0	625	-100.0%	75	-100.0%	500	2,740	-81.8%
CIG BASIS	CI	0	0	0.0%	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	-	0	0	0.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0.0%	0	1,346	-100.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0.0%	0	0	0.0%
COAL SWAP	ACM	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%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	111	232	-52.2%	50	122.0%	3,419	2,932	16.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	396	375	5.6%	215	84.2%	3,593	4,774	-24.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	12,858	9,145	40.6%	14,895	-13.7%	176,347	182,933	-3.6%
CRUDE OIL	LPS	0	0	0.0%	0	0.0%	0	4,295	-100.0%
CRUDE OIL LAST DAY	26	0	43	-100.0%	457	-100.0%	3,130	979	219.7%
CRUDE OIL OUTRIGHTS	42	283	455	-37.8%	309	-8.4%	3,625	13,331	-72.8%
CRUDE OIL OUTRIGHTS	CC5	0	412	-100.0%	0	0.0%	9,906	6,186	60.1%
CRUDE OIL OUTRIGHTS	CSW	300	0	0.0%	0	0.0%	14,319	4,274	235.0%
CRUDE OIL OUTRIGHTS	DAB	0	0	0.0%	0	0.0%	0	340	-100.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	2,464	2,720	-9.4%
CRUDE OIL OUTRIGHTS	HTT	50,680	67,411	-24.8%	90,500	-44.0%	747,700	871,639	-14.2%
CRUDE OIL OUTRIGHTS	LSW	0	435	-100.0%	90	-100.0%	10,372	9,922	4.5%
CRUDE OIL OUTRIGHTS	WCW	730	1,780	-59.0%	7,295	-90.0%	42,367	29,050	45.8%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	4,234	-100.0%	0	0.0%	20,147	44,752	-55.0%
CRUDE OIL PHY	MCL	1,714,617	0	-	2,015,644	-14.9%	8,368,659	0	-
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
CRUDE OIL SPRDS	ANT	184	0	0.0%	1,564	-88.2%	5,895	1,330	343.2%
CRUDE OIL SPRDS	HIL	0	1,260	-100.0%	240	-100.0%	5,590	48,827	-88.6%
CRUDE OIL SPRDS	WTT	21,687	26,809	-19.1%	41,441	-47.7%	316,326	259,172	22.1%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	0.0%	0	0.0%	0	640	-100.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0.0%	2,715	244	1,012.7%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	0.0%	30	0	-
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	-	0	0	0.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	0	300	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0.0%	0	10,650	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	11,296	13,442	-16.0%	1,712	559.8%	444,677	381,861	16.4%
EAST/WEST FUEL OIL SPREAD	EW	6	0	0.0%	0	0.0%	6	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	1,004	252	298.4%	28	3,485.7%	5,371	9,677	-44.5%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	-	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL	MTH	0	0	0.0%	0	0.0%	10	70	-85.7%
ETHANOL	Z1B	0	0	0.0%	0	-	0	0	0.0%
ETHANOL SWAP	MT2	120	110	9.1%	315	-61.9%	2,248	2,278	-1.3%

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Energy Futures									
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,697	2,656	1.5%	3,929	-31.4%	43,567	48,990	-11.1%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	-	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	35	-100.0%	81	65	24.6%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0.0%	0	22	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	45	-100.0%	2,812	75	3,649.3%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	84	0	0.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0.0%	13	37	-64.9%
EUROPE 3.5% FUEL OIL RDAM	UV	15	12	25.0%	99	-84.8%	556	2,384	-76.7%
EUROPEAN GASOIL (ICE)	7F	196	38	415.8%	371	-47.2%	8,549	377	2,167.6%
EUROPEAN NAPHTHA BALMO	KZ	22	0	0.0%	75	-70.7%	140	86	62.8%
EUROPEAN NAPHTHA CRACK SPR	EN	910	116	684.5%	2,502	-63.6%	19,838	14,044	41.3%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	710	70	914.3%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	20	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	555	348	59.5%	681	-18.5%	7,315	5,746	27.3%
EURO PROPANE CIF ARA SWA	PS	1,360	1,037	31.1%	1,907	-28.7%	18,693	18,704	-0.1%
FREIGHT MARKETS	ACB	0	0	0.0%	0	0.0%	0	735	-100.0%
FREIGHT MARKETS	BF1	0	0	0.0%	0	0.0%	0	15	-100.0%
FREIGHT MARKETS	BF2	10	236	-95.8%	5	100.0%	134	1,643	-91.8%
FREIGHT MARKETS	BF3	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	BL2	0	0	-	50	-100.0%	285	0	-
FREIGHT MARKETS	FLJ	0	0	-	5	-100.0%	97	0	-
FREIGHT MARKETS	FLP	11	0	0.0%	88	-87.5%	713	2,299	-69.0%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	70	40	75.0%
FREIGHT MARKETS	FRS	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	T2D	120	150	-20.0%	0	0.0%	904	2,113	-57.2%
FREIGHT MARKETS	T7C	0	20	-100.0%	0	0.0%	0	290	-100.0%
FREIGHT MARKETS	T8C	0	0	-	0	0.0%	10	0	-
FREIGHT MARKETS	TC6	225	0	-	225	0.0%	450	0	-
FREIGHT MARKETS	TD3	60	0	0.0%	0	-	60	0	0.0%
FREIGHT MARKETS	TD8	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	USC	0	0	0.0%	0	0.0%	0	90	-100.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	0.0%	90	800	-88.8%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0.0%	2,203	2,644	-16.7%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	72	0	0.0%

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Energy Futures									
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	-	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	51	-100.0%
GAS EURO-BOB OXY NWE BARGES	7H	178	158	12.7%	358	-50.3%	7,413	14,644	-49.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	3,319	1,182	180.8%	7,478	-55.6%	63,082	60,217	4.8%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	0.0%	60	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	42	17	147.1%
GASOIL 0.1 ROTTERDAM BARG	VL	38	22	72.7%	15	153.3%	216	127	70.1%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	GX	233	12	1,841.7%	164	42.1%	1,819	324	461.4%
GASOIL CRACK SPREAD CALEN	GZ	2,205	0	0.0%	4,683	-52.9%	22,699	12,428	82.6%
GASOIL MINI CALENDAR SWAP	QA	173	298	-41.9%	607	-71.5%	4,233	6,113	-30.8%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	0	0.0%	6	-100.0%	244	10,066	-97.6%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)/VS HEA	A6	2,965	2,215	33.9%	3,460	-14.3%	50,360	39,678	26.9%
GRP THREE UNL GS (PLT) VS	A8	1,960	1,805	8.6%	2,740	-28.5%	30,994	29,388	5.5%
GULF COAST 3% FUEL OIL BA	VZ	0	45	-100.0%	28	-100.0%	740	2,986	-75.2%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0.0%	0	3,153	-100.0%
GULF COAST JET VS NYM 2 H	ME	21,983	11,304	94.5%	9,535	130.6%	244,225	200,108	22.0%
GULF COAST NO.6 FUEL OIL	MF	2,813	3,824	-26.4%	545	416.1%	21,572	121,471	-82.2%
GULF COAST NO.6 FUEL OIL	MG	9,809	0	0.0%	4,050	142.2%	38,597	482	7,907.7%
GULF COAST ULSD CALENDAR	LY	878	180	387.8%	68	1,191.2%	5,084	9,985	-49.1%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	1,410	-100.0%
HEATING OIL BALMO CLNDR S	1G	95	0	0.0%	235	-59.6%	3,235	1,517	113.2%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	2,450	0	0.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0.0%	0	6,680	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	0.0%	0	75	-100.0%
HENRY HUB INDEX SWAP FUTU	IN	0	0	0.0%	0	0.0%	0	8,392	-100.0%
HENRY HUB SWAP	NN	14,622	20,898	-30.0%	14,775	-1.0%	357,038	741,980	-51.9%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	60	340	-82.4%	1,140	-94.7%	6,804	34,005	-80.0%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	0.0%	46	0	-

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INDIANA MISO	FAD	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	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%
INDONESIAN COAL ICI4	ICI	0	35	-100.0%	0	0.0%	1,124	1,976	-43.1%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	6	-100.0%	6	150	-96.0%
JAPAN C&F NAPHTHA SWAP	JA	115	13	784.6%	46	150.0%	783	1,692	-53.7%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	6	-100.0%	18	33	-45.5%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	-	0	0	0.0%
JET CIF NWE VS ICE	JC	120	0	0.0%	386	-68.9%	1,870	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	-	0	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	3,880	1,455	166.7%	1,275	204.3%	20,994	19,863	5.7%
JKM LNG Futures	JKM	828	0	0.0%	830	-0.2%	7,251	19,263	-62.4%
LA CARB DIESEL (OPIS) SWA	KL	355	25	1,320.0%	35	914.3%	2,335	2,542	-8.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	675	-66.7%
LA JET (OPIS) SWAP	JS	475	510	-6.9%	705	-32.6%	6,200	6,625	-6.4%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	480	5	9,500.0%	336	42.9%	3,266	7,900	-58.7%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	0.0%	0	15	-100.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0.0%	1,750	2,600	-32.7%
MARS (ARGUS) VS WTI TRD M	YV	9,170	19,930	-54.0%	18,456	-50.3%	212,517	188,526	12.7%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0.0%	0	100	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	6,269	12,415	-49.5%	8,920	-29.7%	153,051	244,077	-37.3%
MCCLOSKEY RCH BAY COAL	MFF	110	417	-73.6%	1,542	-92.9%	10,691	10,892	-1.8%
MGF FUT	MGF	0	0	0.0%	0	-	0	0	0.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0.0%	0	270	-100.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	61	0	0.0%	68	-10.3%	254	778	-67.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	50	-100.0%	0	0.0%	391	1,741	-77.5%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	199	320	-37.8%	319	-37.6%	6,337	7,771	-18.5%
MJC FUT	MJC	0	0	0.0%	0	0.0%	50	0	0.0%
MNC FUT	MNC	1,186	182	551.6%	1,964	-39.6%	11,504	11,410	0.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	32,502	33,545	-3.1%	29,425	10.5%	354,180	318,159	11.3%

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Energy Futures									
MONT BELVIEU ETHANE OPIS BALMO	8C	2,810	1,140	146.5%	1,450	93.8%	12,658	4,670	171.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	120,826	195,233	-38.1%	195,629	-38.2%	2,201,905	2,044,718	7.7%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,600	2,192	18.6%	1,957	32.9%	36,430	26,203	39.0%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	12,645	20,564	-38.5%	17,526	-27.9%	176,018	334,637	-47.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	610	825	-26.1%	207	194.7%	7,282	10,720	-32.1%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	34,456	54,718	-37.0%	55,203	-37.6%	642,794	799,900	-19.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,474	926	59.2%	1,183	24.6%	15,473	15,851	-2.4%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	26,044	154,214	-83.1%	41,693	-37.5%	610,471	849,909	-28.2%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	0	13,992	-100.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	768	-100.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0.0%	0	0	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	1,395	0	0.0%	245	469.4%	3,210	6,844	-53.1%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL TEX/OK	PD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	0.0%	0	0.0%	0	225	-100.0%
NORTHEN NATURAL GAS DEMAR	PE	0	0	0.0%	0	-	0	0	0.0%
NORTHEN NATURAL GAS VENTU	PF	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%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	-	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	100	-100.0%	0	0.0%	0	2,718	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	95	-100.0%	0	0.0%	0	95	-100.0%
NY HARBOR HEAT OIL SWP	MP	2,476	1,218	103.3%	2,532	-2.2%	15,112	35,957	-58.0%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	1,570	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	275	569	-51.7%	200	37.5%	2,699	8,012	-66.3%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	-	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	330	600	-45.0%	562	-41.3%	17,375	9,951	74.6%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
NYISO CAPACITY	NRS	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%
NYISO ZONE A 5MW D AH PK	K3	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	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	D4	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%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	0.0%	0	700	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	450	94	378.7%	0	0.0%	1,100	5,283	-79.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	56	-100.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	91	237	-61.6%	292	-68.8%	2,086	1,624	28.4%
PETROCHEMICALS	32	85	29	193.1%	73	16.4%	775	793	-2.3%
PETROCHEMICALS	3NA	10	0	0.0%	13	-23.1%	172	34	405.9%
PETROCHEMICALS	51	0	5	-100.0%	0	0.0%	0	29	-100.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	147	60	145.0%
PETROCHEMICALS	8I	745	915	-18.6%	574	29.8%	13,254	9,950	33.2%
PETROCHEMICALS	91	462	558	-17.2%	510	-9.4%	4,916	4,157	18.3%
PETROCHEMICALS	MAA	90	30	200.0%	50	80.0%	565	1,325	-57.4%
PETROCHEMICALS	MAE	550	430	27.9%	1,405	-60.9%	11,215	8,072	38.9%
PETROCHEMICALS	MAS	190	275	-30.9%	557	-65.9%	4,402	3,451	27.6%
PETROCHEMICALS	MBE	0	30	-100.0%	60	-100.0%	710	2,640	-73.1%
PETROCHEMICALS	MNB	48	29	65.5%	16	200.0%	2,103	1,733	21.4%
PETROCHEMICALS	MPS	601	163	268.7%	606	-0.8%	4,944	3,829	29.1%
PETROCHEMICALS	PMF	0	0	-	0	0.0%	9	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	0	375	-100.0%
PETRO CRCKS & SPRDS NA	CRB	16,654	10,225	62.9%	12,040	38.3%	239,020	189,556	26.1%
PETRO CRCKS & SPRDS NA	EXR	373	248	50.4%	694	-46.3%	7,352	11,398	-35.5%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0.0%	0	100	-100.0%

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Energy Futures									
PETRO CRCKS & SPRDS NA	GBB	0	305	-100.0%	0	0.0%	655	5,006	-86.9%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0.0%	0	405	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	255	-100.0%	0	0.0%	370	6,137	-94.0%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	180	-100.0%	0	0.0%	880	15,803	-94.4%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	14	-100.0%	474	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	75	225	-66.7%	1,430	-94.8%	5,385	9,400	-42.7%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	0.0%	145	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	570	525	8.6%	967	-41.1%	16,651	33,794	-50.7%
PETRO CRCKS & SPRDS NA	RVG	1,663	794	109.4%	225	639.1%	13,258	62,110	-78.7%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	50	-100.0%	433	3,085	-86.0%
PETRO CRK&SPRD EURO	43	9	0	0.0%	5	80.0%	35	44	-20.5%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	288	0	0.0%	294	-2.0%	1,762	403	337.2%
PETRO CRK&SPRD EURO	EOB	15	0	0.0%	0	0.0%	20	31	-35.5%
PETRO CRK&SPRD EURO	EPN	806	471	71.1%	885	-8.9%	6,832	4,782	42.9%
PETRO CRK&SPRD EURO	EVC	15	0	0.0%	20	-25.0%	871	203	329.1%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0.0%	0	44	-100.0%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0.0%	0	130	-100.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	9	-100.0%	9	5	80.0%
PETRO CRK&SPRD EURO	NOB	15	0	0.0%	68	-77.9%	566	406	39.4%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	1NM	0	100	-100.0%	0	0.0%	717	1,184	-39.4%
PETROLEUM PRODUCTS	BEB	0	0	-	0	0.0%	3	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	0.0%	3	0	-
PETROLEUM PRODUCTS	CMS	60	0	-	0	0.0%	790	0	-
PETROLEUM PRODUCTS	EWG	0	0	0.0%	350	-100.0%	5,298	4,820	9.9%
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0.0%	60	3,413	-98.2%
PETROLEUM PRODUCTS	JCC	200	0	0.0%	450	-55.6%	2,800	2,510	11.6%

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Energy Futures									
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	0	160	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	0.0%	14	0	-
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	0.0%	5	2	150.0%
PETROLEUM PRODUCTS	R5F	24	59	-59.3%	98	-75.5%	564	206	173.8%
PETROLEUM PRODUCTS	S53	0	0	0.0%	12	-100.0%	12	41	-70.7%
PETROLEUM PRODUCTS	UCS	0	90	-100.0%	0	0.0%	0	155	-100.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0.0%	341	1,443	-76.4%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0.0%	10	80	-87.5%
PETROLEUM PRODUCTS ASIA	MJN	1,012	97	943.3%	280	261.4%	3,906	7,102	-45.0%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0.0%	223	100	123.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0.0%	75	0	0.0%
PETRO OUTRIGHT EURO	0D	28	7	300.0%	64	-56.3%	968	2,546	-62.0%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0.0%	9	613	-98.5%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0.0%	0	64	-100.0%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0.0%	50	135	-63.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	17	-100.0%	79	127	-37.8%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	CBB	0	20	-100.0%	0	0.0%	33	90	-63.3%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	22	-100.0%
PETRO OUTRIGHT EURO	CPB	540	153	252.9%	130	315.4%	4,152	2,024	105.1%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0.0%	0	40	-100.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0.0%	12	0	0.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	EWN	438	15	2,820.0%	88	397.7%	2,533	210	1,106.2%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0.0%	5	0	0.0%
PETRO OUTRIGHT EURO	GNO	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	0.0%	0	270	-100.0%
PETRO OUTRIGHT EURO	JFB	0	0	0.0%	0	0.0%	10	9	11.1%
PETRO OUTRIGHT EURO	M1B	1,405	1,911	-26.5%	707	98.7%	14,804	10,111	46.4%

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Energy Futures									
PETRO OUTRIGHT EURO	M35	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	MBB	0	20	-100.0%	0	0.0%	240	50	380.0%
PETRO OUTRIGHT EURO	MBN	491	1,059	-53.6%	210	133.8%	4,251	4,580	-7.2%
PETRO OUTRIGHT EURO	MEF	45	113	-60.2%	18	150.0%	2,400	1,637	46.6%
PETRO OUTRIGHT EURO	MQA	63	0	-	3	2,000.0%	131	0	-
PETRO OUTRIGHT EURO	R53	12	0	0.0%	0	0.0%	139	157	-11.5%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	0.0%	56	10	460.0%
PETRO OUTRIGHT EURO	R5M	1,461	401	264.3%	2,163	-32.5%	15,364	4,617	232.8%
PETRO OUTRIGHT EURO	R5O	1,146	827	38.6%	1,134	1.1%	9,296	10,496	-11.4%
PETRO OUTRIGHT EURO	RBM	33	0	0.0%	0	0.0%	67	59	13.6%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0.0%	5	6	-16.7%
PETRO OUTRIGHT EURO	S5F	123	75	64.0%	106	16.0%	1,309	1,208	8.4%
PETRO OUTRIGHT EURO	S5M	2,126	1,255	69.4%	2,013	5.6%	21,556	17,615	22.4%
PETRO OUTRIGHT EURO	S5O	2,589	367	605.4%	3,004	-13.8%	16,736	8,659	93.3%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	50	-100.0%	1,450	0	0.0%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	T2B	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	TLB	0	0	-	33	-100.0%	58	0	-
PETRO OUTRIGHT EURO	TMB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0.0%	0	415	-100.0%
PETRO OUTRIGHT EURO	UNB	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	132	-100.0%	582	0	0.0%
PETRO OUTRIGHT NA	A8B	50	375	-86.7%	0	0.0%	1,140	375	204.0%
PETRO OUTRIGHT NA	AB6	280	75	273.3%	170	64.7%	2,380	1,122	112.1%
PETRO OUTRIGHT NA	BCR	2,050	200	925.0%	2,200	-6.8%	22,757	3,008	656.5%
PETRO OUTRIGHT NA	DBB	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0.0%	32	0	0.0%
PETRO OUTRIGHT NA	H5B	0	0	0.0%	0	0.0%	0	1,834	-100.0%
PETRO OUTRIGHT NA	JE	0	45	-100.0%	0	0.0%	275	1,005	-72.6%
PETRO OUTRIGHT NA	JET	450	325	38.5%	125	260.0%	4,600	7,415	-38.0%
PETRO OUTRIGHT NA	JTB	700	50	1,300.0%	0	0.0%	1,365	2,155	-36.7%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	60	-100.0%	731	137	433.6%
PETRO OUTRIGHT NA	MEN	193	10	1,830.0%	308	-37.3%	1,128	598	88.6%
PETRO OUTRIGHT NA	MEO	135	265	-49.1%	359	-62.4%	5,063	13,105	-61.4%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	38	-100.0%



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Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Energy Futures									
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0.0%	65	70	-7.1%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	Z9	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%
PJM BGE DA PEAK	E3	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%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	-	0	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA PEAK	D7	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%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	-	0	0	0.0%
PJM NILL DA PEAK	N3	0	0	0.0%	0	-	0	0	0.0%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	-	0	0	0.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0.0%	0	15,814	-100.0%
PLASTICS	PGP	877	1,033	-15.1%	2,026	-56.7%	16,144	12,946	24.7%
PREMIUM UNLND 10P FOB MED	3G	0	0	0.0%	0	0.0%	185	158	17.1%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	-	0	0	0.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	-	0	0	0.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	-	0	0	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,955	457	327.8%	1,333	46.7%	16,854	18,785	-10.3%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	10,772	25,846	-58.3%	22,174	-51.4%	192,442	293,277	-34.4%
RBOB CALENDAR SWAP	RL	7,315	5,838	25.3%	4,571	60.0%	80,726	66,794	20.9%
RBOB CRACK SPREAD	RM	780	825	-5.5%	575	35.7%	22,479	12,610	78.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	-	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	130	331	-60.7%	833	-84.4%	8,965	6,183	45.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0.0%	1,105	5,665	-80.5%

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Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Energy Futures									
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0.0%	0	41	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	23	39	-41.0%
SINGAPORE 380CST FUEL OIL	SE	132	91	45.1%	189	-30.2%	2,155	2,420	-11.0%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0.0%	0	215	-100.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	0.0%	12	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	0	80	-100.0%
SINGAPORE GASOIL	MAF	387	207	87.0%	350	10.6%	3,476	2,422	43.5%
SINGAPORE GASOIL	MTB	10	10	0.0%	0	0.0%	62	72	-13.9%
SINGAPORE GASOIL	MTS	323	308	4.9%	437	-26.1%	4,414	3,810	15.9%
SINGAPORE GASOIL	SBM	56	78	-28.2%	60	-6.7%	234	529	-55.8%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MSG	620	530	17.0%	235	163.8%	8,966	8,004	12.0%
SINGAPORE GASOIL SWAP	SG	1,039	4,164	-75.0%	225	361.8%	14,347	14,475	-0.9%
SINGAPORE GASOIL VS ICE	GA	1,450	0	0.0%	1,080	34.3%	12,558	282	4,353.2%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	0	345	-100.0%
SINGAPORE JET KERO GASOIL	RK	750	0	0.0%	1,758	-57.3%	4,498	575	682.3%
SINGAPORE JET KEROSENE SW	KS	0	620	-100.0%	1,300	-100.0%	3,435	6,968	-50.7%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	0	0.0%	610	175	248.6%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	542	175	209.7%	725	-25.2%	7,823	24,455	-68.0%
SING FUEL	MSD	0	0	0.0%	0	-	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	300	45	566.7%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	620	140	342.9%
TCO BASIS SWAP	TC	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	750	304	146.7%	845	-11.2%	12,995	23,464	-44.6%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0.0%	0	1,057	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	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%
UCM FUT	UCM	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	1,820	-100.0%	0	0.0%	2,535	5,975	-57.6%
ULSD UP-DOWN BALMO SWP	1L	10,125	4,110	146.4%	6,255	61.9%	65,174	62,006	5.1%

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Energy Futures									
UP DOWN GC ULSD VS NMX HO	LT	27,495	27,549	-0.2%	30,319	-9.3%	405,553	531,625	-23.7%
WAHA BASIS	NW	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	47,449	27,581	72.0%	80,450	-41.0%	619,958	431,790	43.6%
WTI CALENDAR	CS	70,518	43,143	63.5%	54,416	29.6%	646,238	698,294	-7.5%
WTI MIDLAND CRUDE OIL	WTL	400	0	0.0%	0	0.0%	3,055	300	918.3%
WTS (ARGUS) VS WTI SWAP	FF	480	1,450	-66.9%	0	0.0%	38,836	56,600	-31.4%
WTS (ARGUS) VS WTI TRD MT	FH	30	685	-95.6%	300	-90.0%	6,405	13,074	-51.0%
Energy Options									
BRENT CALENDAR SWAP	BA	0	99	-100.0%	45	-100.0%	3,106	7,629	-59.3%
BRENT CRUDE OIL 1 M CSO	9C	500	0	0.0%	0	0.0%	198,550	36,675	441.4%
BRENT OIL LAST DAY	BE	6,000	32,902	-81.8%	7,649	-21.6%	237,991	411,516	-42.2%
BRENT OIL LAST DAY	BZO	28,619	32,691	-12.5%	50,182	-43.0%	319,491	555,154	-42.5%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	0	25	-100.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	CQA	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	F2C	25	0	-	190	-86.8%	1,605	0	-
COAL API2 INDEX	F2Q	0	0	-	50	-100.0%	1,110	0	-
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	50	-100.0%
CRUDE OIL 1MO	WA	74,325	115,550	-35.7%	58,910	26.2%	1,314,275	2,221,732	-40.8%
CRUDE OIL APO	AO	81,933	64,678	26.7%	16,172	406.6%	417,103	686,055	-39.2%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	170	-100.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0.0%	0	1,850	-100.0%
CRUDE OIL PHY	LC	11,020	4,775	130.8%	21,909	-49.7%	152,515	120,264	26.8%
CRUDE OIL PHY	LO	2,413,866	1,655,729	45.8%	3,366,581	-28.3%	30,006,061	29,567,191	1.5%
CRUDE OIL PHY	LO1	17,668	11,626	52.0%	53,714	-67.1%	257,286	194,719	32.1%
CRUDE OIL PHY	LO2	15,475	7,299	112.0%	28,941	-46.5%	210,407	120,386	74.8%
CRUDE OIL PHY	LO3	14,998	5,794	158.9%	28,733	-47.8%	165,813	123,972	33.8%
CRUDE OIL PHY	LO4	18,498	9,713	90.4%	40,349	-54.2%	278,637	195,102	42.8%
CRUDE OIL PHY	LO5	21,813	0	0.0%	0	0.0%	101,120	59,518	69.9%
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	43	-100.0%
ETHANOL SWAP	CVR	5,165	2,865	80.3%	6,173	-16.3%	41,665	51,531	-19.1%

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Energy Options									
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	0	600	-100.0%
FREIGHT MARKETS	TDT	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	1,800	-100.0%	0	0.0%	1,980	3,000	-34.0%
HEATING OIL PHY	FZ	0	0	-	0	0.0%	2,225	0	-
HEATING OIL PHY	LB	1,170	0	0.0%	0	0.0%	3,081	3,527	-12.6%
HEATING OIL PHY	OH	11,822	6,691	76.7%	12,072	-2.1%	103,509	153,729	-32.7%
HENRY HUB FINANCIAL LAST	E7	12,693	5,475	131.8%	5,312	138.9%	100,742	82,335	22.4%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	200	100	100.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WTO	1,800	0	0.0%	0	0.0%	1,800	1,400	28.6%
MCCLOSKEY ARA ARGS COAL	MTO	0	2,856	-100.0%	0	0.0%	540	11,104	-95.1%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0.0%	0	475	-100.0%
NATURAL GAS 1 M CSO FIN	G4	98,593	36,350	171.2%	76,220	29.4%	745,621	1,125,958	-33.8%
NATURAL GAS 2 M CSO FIN	G2	8,250	8,300	-0.6%	8,150	1.2%	38,500	27,950	37.7%
NATURAL GAS 3 M CSO FIN	G3	0	6,200	-100.0%	0	0.0%	247,994	500,225	-50.4%
NATURAL GAS 5 M CSO FIN	G5	169	1,000	-83.1%	5,250	-96.8%	18,819	12,450	51.2%
NATURAL GAS 6 M CSO FIN	G6	12,650	600	2,008.3%	7,050	79.4%	127,600	152,000	-16.1%
NATURAL GAS OPT	JKO	1,800	0	-	2,500	-28.0%	23,360	0	-
NATURAL GAS OPT	TFO	0	900	-100.0%	0	0.0%	153,770	217,820	-29.4%
NATURAL GAS OPTION ON CALENDAR STRP	6J	530	5,500	-90.4%	2,100	-74.8%	63,850	38,580	65.5%
NATURAL GAS PHY	KD	475	2,490	-80.9%	285	66.7%	21,210	42,853	-50.5%
NATURAL GAS PHY	LN	1,278,571	2,187,003	-41.5%	1,334,882	-4.2%	23,727,461	28,452,319	-16.6%
NATURAL GAS PHY	ON	78,147	79,450	-1.6%	80,152	-2.5%	1,043,355	1,457,403	-28.4%
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	0.0%	0	400	-100.0%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0.0%	0	600	-100.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	627	1,396	-55.1%	2,342	-73.2%	12,632	19,274	-34.5%
PETROCHEMICALS	4H	420	4	10,400.0%	390	7.7%	10,322	664	1,454.5%
PETROCHEMICALS	4J	80	0	0.0%	0	0.0%	1,395	630	121.4%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	1,040	-100.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	180	126	42.9%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT NA	1N5	0	0	0.0%	0	0.0%	0	200	-100.0%
PETRO OUTRIGHT NA	DAP	210	225	-6.7%	120	75.0%	1,620	1,540	5.2%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	770	-100.0%



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Energy Options									
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	-	0	0	0.0%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0.0%	1,274	2,161	-41.0%
RBOB CRACK	RX	0	0	0.0%	0	-	0	0	0.0%
RBOB PHY	OB	3,074	4,294	-28.4%	6,442	-52.3%	85,187	95,724	-11.0%
RBOB PHY	RF	30	0	0.0%	0	0.0%	510	1,043	-51.1%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U11	0	100	-100.0%	0	0.0%	50	250	-80.0%
SHORT TERM	U12	0	0	0.0%	50	-100.0%	150	600	-75.0%
SHORT TERM	U13	350	0	0.0%	0	0.0%	550	600	-8.3%
SHORT TERM	U14	50	0	0.0%	0	0.0%	350	200	75.0%
SHORT TERM	U15	0	100	-100.0%	0	0.0%	350	800	-56.3%
SHORT TERM	U22	100	100	0.0%	0	0.0%	100	100	0.0%
SHORT TERM	U23	0	0	0.0%	0	0.0%	0	150	-100.0%
SHORT TERM	U24	0	0	0.0%	0	0.0%	100	50	100.0%
SHORT TERM	U25	0	0	-	0	0.0%	300	0	-
SHORT TERM	U26	0	0	0.0%	0	0.0%	75	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	50	-100.0%	275	500	-45.0%
SHORT TERM NATURAL GAS	U02	0	150	-100.0%	0	0.0%	650	700	-7.1%
SHORT TERM NATURAL GAS	U03	50	0	0.0%	0	0.0%	150	650	-76.9%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	200	-100.0%	550	1,350	-59.3%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	200	350	-42.9%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	800	150	433.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	325	600	-45.8%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	50	400	-87.5%
SHORT TERM NATURAL GAS	U09	0	50	-100.0%	0	0.0%	300	300	0.0%
SHORT TERM NATURAL GAS	U10	50	0	0.0%	0	0.0%	150	450	-66.7%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	75	300	-75.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	150	375	-60.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	100	200	-50.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	0	325	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	300	300	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	300	200	50.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	50	1,150	-95.7%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	100	600	-83.3%

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Energy Options									
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	50	950	-94.7%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	250	1,075	-76.7%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	0	150	-100.0%
WTI-BRENT BULLET SWAP	BV	54,825	23,150	136.8%	54,425	0.7%	390,750	531,332	-26.5%
WTI CRUDE OIL 1 M CSO FI	7A	11,450	18,800	-39.1%	40,085	-71.4%	758,235	1,018,670	-25.6%
Metals Futures									
COMEX GOLD	GC	3,073,611	4,035,415	-23.8%	6,130,590	-49.9%	58,464,997	78,127,531	-25.2%
NYMEX HOT ROLLED STEEL	HR	19,761	16,901	16.9%	17,776	11.2%	246,817	220,406	12.0%
NYMEX PLATINUM	PL	445,429	466,080	-4.4%	364,392	22.2%	4,450,863	4,577,531	-2.8%
PALLADIUM	PA	37,373	31,951	17.0%	84,800	-55.9%	604,582	687,787	-12.1%
URANIUM	UX	0	0	0.0%	0	0.0%	1,183	1,855	-36.2%
COMEX SILVER	SI	1,008,147	1,682,020	-40.1%	1,880,818	-46.4%	19,669,534	26,126,771	-24.7%
COMEX E-Mini GOLD	QO	16,417	24,464	-32.9%	26,937	-39.1%	269,903	386,925	-30.2%
COMEX E-Mini SILVER	QI	3,111	6,393	-51.3%	5,279	-41.1%	67,532	106,315	-36.5%
COMEX COPPER	HG	1,162,290	1,551,708	-25.1%	1,977,841	-41.2%	24,584,525	24,317,772	1.1%
COMEX MINY COPPER	QC	3,743	1,956	91.4%	8,864	-57.8%	59,580	13,863	329.8%
ALUMINUM	A38	0	0	0.0%	0	0.0%	174	0	0.0%
ALUMINUM	AEP	4,418	1,094	303.8%	3,923	12.6%	35,266	37,909	-7.0%
ALUMINUM	ALA	120	0	0.0%	60	100.0%	3,825	1,809	111.4%
ALUMINUM	ALI	15,186	2,257	572.8%	13,922	9.1%	145,189	43,347	234.9%
ALUMINUM	AUP	11,542	4,556	153.3%	9,917	16.4%	84,966	108,633	-21.8%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	0	50	-100.0%
ALUMINUM	EDP	6,966	1,030	576.3%	6,218	12.0%	46,528	41,031	13.4%
ALUMINUM	MJP	2,412	720	235.0%	1,992	21.1%	7,574	11,870	-36.2%
COBALT METAL FUTURES	COB	175	3	5,733.3%	273	-35.9%	3,397	3	113,133.3%
COPPER	HGS	3,311	2,362	40.2%	1,337	147.6%	27,349	35,352	-22.6%
FERROUS PRODUCTS	BUS	810	3,032	-73.3%	1,243	-34.8%	16,878	26,448	-36.2%
GOLD	4GC	0	44	-100.0%	0	0.0%	116	778	-85.1%
GOLD	SGC	1,851	281	558.7%	566	227.0%	19,314	18,352	5.2%
GOLD	SGU	12,237	2,260	441.5%	14,715	-16.8%	84,995	60,730	40.0%
HOT ROLLED COIL STEEL FUTURES	EHR	1,341	738	81.7%	1,742	-23.0%	14,036	6,500	115.9%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	-	0	0	0.0%

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Metals Futures									
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	0.0%	0	0.0%	0	14,498	-100.0%
IRON ORE CHINA	TIO	715	1,718	-58.4%	1,630	-56.1%	11,731	8,553	37.2%
LNDN ZINC	ZNC	0	0	0.0%	0	-	0	0	0.0%
METALS	HDG	0	150	-100.0%	0	0.0%	143	180	-20.6%
METALS	LTH	3	0	-	0	0.0%	13	0	-
MICRO GOLD	MGC	730,417	1,599,830	-54.3%	1,271,788	-42.6%	13,924,959	21,783,469	-36.1%
SILVER	SIL	96,084	302,609	-68.2%	131,283	-26.8%	2,197,275	2,449,936	-10.3%
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	2,250	150	1,400.0%
COMEX COPPER	HX	34,882	23,118	50.9%	45,922	-24.0%	748,743	428,124	74.9%
COMEX GOLD	OG	454,979	592,176	-23.2%	850,608	-46.5%	8,310,194	13,213,356	-37.1%
COMEX SILVER	SO	83,339	117,242	-28.9%	118,369	-29.6%	1,761,760	2,213,958	-20.4%
COPPER	H1E	0	0	0.0%	38	-100.0%	85	1,083	-92.2%
COPPER	H2E	15	0	0.0%	55	-72.7%	113	692	-83.7%
COPPER	H3E	63	0	0.0%	35	80.0%	131	742	-82.3%
COPPER	H4E	18	0	0.0%	11	63.6%	178	370	-51.9%
COPPER	H5E	1	0	0.0%	0	0.0%	8	692	-98.8%
GOLD	OG1	20,339	38,124	-46.7%	64,964	-68.7%	505,991	427,573	18.3%
GOLD	OG2	32,242	40,647	-20.7%	72,133	-55.3%	519,410	468,511	10.9%
GOLD	OG3	37,735	37,046	1.9%	54,970	-31.4%	508,626	392,555	29.6%
GOLD	OG4	25,583	21,451	19.3%	54,743	-53.3%	352,749	329,297	7.1%
GOLD	OG5	20,464	0	0.0%	0	0.0%	144,066	124,762	15.5%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	0.0%	0	75	-100.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	0.0%	0	0.0%	0	3,740	-100.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	0.0%	0	6,349	-100.0%
IRON ORE CHINA	ICT	100	120	-16.7%	0	0.0%	6,298	500	1,159.6%
NYMEX HOT ROLLED STEEL	HRO	1,055	300	251.7%	830	27.1%	4,855	1,275	280.8%
NYMEX PLATINUM	PO	1,533	1,568	-2.2%	2,855	-46.3%	34,803	28,347	22.8%
PALLADIUM	PAO	156	87	79.3%	68	129.4%	6,786	6,969	-2.6%
SILVER	SO1	2,910	1,402	107.6%	5,586	-47.9%	39,611	28,425	39.4%
SILVER	SO2	3,647	1,225	197.7%	6,754	-46.0%	43,865	26,446	65.9%
SILVER	SO3	3,590	2,595	38.3%	3,490	2.9%	36,099	24,194	49.2%
SILVER	SO4	2,909	1,155	151.9%	3,109	-6.4%	25,530	17,061	49.6%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Metals Options								
SILVER SO5	2,653	0	0.0%	0	0.0%	11,483	7,544	52.2%
TOTAL FUTURES GROUP								
Ag Products Futures	0	2	-100.0%	0	0.0%	2	71	-97.2%
Energy Futures	36,475,145	34,662,804	5.2%	45,123,045	-19.2%	489,838,213	537,358,289	-8.8%
Metals Futures	6,657,470	9,739,572	-31.6%	11,957,906	-44.3%	125,043,244	159,216,204	-21.5%
TOTAL FUTURES	43,132,615	44,402,378	-2.9%	57,080,951	-24.4%	614,881,459	696,574,564	-11.7%
TOTAL OPTIONS GROUP								
Energy Options	4,287,891	4,336,705	-1.1%	5,317,675	-19.4%	61,401,307	68,325,415	-10.1%
Metals Options	728,213	878,256	-17.1%	1,284,540	-43.3%	13,063,634	17,752,790	-26.4%
TOTAL OPTIONS	5,016,104	5,214,961	-3.8%	6,602,215	-24.0%	74,464,941	86,078,205	-13.5%
TOTAL COMBINED								
Ag Products	0	2	-100.0%	0	-	2	71	-97.2%
Energy	40,763,036	38,999,509	4.5%	50,440,720	-19.2%	551,239,520	605,683,704	-9.0%
Metals	7,385,683	10,617,828	-30.4%	13,242,446	-44.2%	138,106,878	176,968,994	-22.0%
GRAND TOTAL	48,148,719	49,617,339	-3.0%	63,683,166	-24.4%	689,346,400	782,652,769	-11.9%

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