

NYMEX/COMEX Exchange ADV Report - Monthly

July 2022

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Commodity		ADV JUL 2022	ADV JUL 2021	% CHG	ADV JUN 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
Metals Futures									
COMEX GOLD	GC	270,044	266,816.95	1.2%	170,243.19	58.6%	233,478	257,275.11	-9.2%
NYMEX HOT ROLLED STEEL	HR	749	921	-18.7%	986.14	-24.0%	1,098	1,014.59	8.2%
NYMEX PLATINUM	PL	15,614	14,005.33	11.5%	25,135.19	-37.9%	19,828	17,509.22	13.2%
PALLADIUM	PA	1,640	1,704.05	-3.8%	1,383.19	18.6%	2,234	2,199.48	1.6%
URANIUM	UX	0	5.71	-100.0%	0	-	0	6.79	-97.5%
COMEX SILVER	SI	60,313	60,591.14	-0.5%	76,040.52	-20.7%	68,247	87,992.39	-22.4%
COMEX E-Mini GOLD	QO	1,398	1,098.48	27.3%	1,261.1	10.9%	1,497	1,108.7	35.0%
COMEX E-Mini SILVER	QI	157	187.52	-16.5%	154.52	1.3%	189	335.87	-43.7%
COMEX COPPER	HG	82,955	86,799.52	-4.4%	96,252.86	-13.8%	83,882	111,311.16	-24.6%
COMEX MINY COPPER	QC	151	189.05	-20.2%	196.86	-23.3%	176	196.59	-10.6%
ALUMINUM	A38	0	0	-	0	-	0	1.2	-100.0%
ALUMINUM	AEP	122	312.05	-61.0%	38.76	214.2%	84	163.26	-48.8%
ALUMINUM	ALA	5	1.9	136.2%	0.71	530.0%	12	21.24	-43.0%
ALUMINUM	ALI	2,659	686.86	287.1%	1,513.62	75.7%	1,189	431.96	175.3%
ALUMINUM	AUP	379	287.57	31.6%	483.43	-21.7%	303	308.43	-1.8%
ALUMINUM	EDP	505	280.14	80.4%	176.81	185.8%	222	158.4	40.0%
ALUMINUM	MJP	8	35.71	-79.0%	0	-	17	12.76	32.8%
COBALT METAL FUTURES	COB	57	9.1	526.7%	129.57	-56.0%	45	17.98	148.7%
COPPER	HGS	7	144.43	-95.4%	83.76	-92.1%	87	131.3	-34.0%
COPPER	MHG	3,840	0	-	4,162.57	-7.7%	1,438	0	-
FERROUS PRODUCTS	BUS	125	56.48	122.1%	124.43	0.8%	128	75.23	70.0%
GOLD	4GC	0	0	-	0	-	0	0.8	-100.0%
GOLD	SGC	29	120.81	-76.0%	17.86	62.1%	40	61.92	-34.6%
GOLD	SGU	29	335.29	-91.4%	50.95	-43.1%	328	166.99	96.6%
HOT ROLLED COIL STEEL FUTURES	EHR	185	96.05	93.0%	161.71	14.6%	128	58.66	118.0%
IRON ORE CHINA	TIO	72	30.76	135.4%	89.71	-19.3%	66	45.9	43.1%
METALS	HDG	5	0	-	0	-	3	0.3	946.6%
METALS	LTH	0	0	-	0	-	0	0.03	-100.0%
METALS	PAC	5	0	-	9.52	-47.5%	9	0	-
MICRO GOLD	MGC	44,087	52,721.38	-16.4%	43,928.57	0.4%	53,949	61,188.89	-11.8%
SILVER	SIL	6,138	7,256.33	-15.4%	6,075.71	1.0%	7,876	10,949.65	-28.1%
Metals Options									
ALUMINUM	ALO	0	0	-	0	-	0	15.52	-100.0%

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		JUL 2022	JUL 2021		JUN 2022		Y.T.D 2022	Y.T.D 2021	
Metals Options									
COMEX COPPER	HX	4,432	3,393.86	30.6%	4,706.52	-5.8%	3,820	3,409.88	12.0%
COMEX GOLD	OG	40,861	25,473.67	60.4%	33,574.67	21.7%	43,032	35,175.05	22.3%
COMEX SILVER	SO	4,401	6,463.67	-31.9%	4,243.57	3.7%	5,217	8,459.8	-38.3%
COPPER	H1E	6	0.29	2000.1%	17.05	-64.8%	7	0.23	2823.0%
COPPER	H1M	5	0	-	8	-32.5%	2	0	-
COPPER	H1W	12	0	-	14.43	-18.6%	4	0	-
COPPER	H2E	29	0.38	7472.2%	11.52	150.4%	12	0.28	4132.5%
COPPER	H2M	7	0	-	8.95	-16.8%	3	0	-
COPPER	H2W	6	0	-	2.05	205.2%	2	0	-
COPPER	H3E	57	0.19	29690.0%	6.29	802.8%	12	0.16	7286.8%
COPPER	H3M	19	0	-	5.33	258.1%	4	0	-
COPPER	H3W	5	0	-	2.67	78.1%	1	0	-
COPPER	H4E	64	0	-	6.48	883.6%	12	0.17	6836.4%
COPPER	H4M	6	0	-	1.71	244.2%	1	0	-
COPPER	H4W	3	0	-	7.05	-59.6%	1	0	-
COPPER	H5E	22	0	-	0	-	3	0.01	24004.3%
COPPER	H5W	0	0	-	8.43	-100.0%	1	0	-
GOLD	G1M	268	0	-	132.62	101.7%	67	0	-
GOLD	G1W	393	0	-	137.19	186.4%	100	0	-
GOLD	G2M	232	0	-	455.52	-49.1%	109	0	-
GOLD	G2W	260	0	-	205.29	26.5%	79	0	-
GOLD	G3M	199	0	-	50.24	295.9%	45	0	-
GOLD	G3W	382	0	-	391.9	-2.5%	125	0	-
GOLD	G4M	166	0	-	49.29	236.5%	42	0	-
GOLD	G4W	323	0	-	217.38	48.4%	78	0	-
GOLD	G5W	0	0	-	378.14	-100.0%	55	0	-
GOLD	OG1	990	1,396.57	-29.1%	2,385.1	-58.5%	2,329	2,094.01	11.2%
GOLD	OG2	1,989	1,668.19	19.2%	2,156	-7.8%	2,412	2,102.1	14.7%
GOLD	OG3	1,881	1,553.9	21.1%	2,931.05	-35.8%	2,466	2,065.31	19.4%
GOLD	OG4	1,605	1,239.33	29.5%	1,426.19	12.5%	2,033	1,295.54	57.0%
GOLD	OG5	1,956	1,368.62	42.9%	0	-	543	618.88	-12.3%
IRON ORE CHINA	ICT	0	101.14	-100.0%	0	-	0	28.47	-100.0%
NYMEX HOT ROLLED STEEL	HRO	73	0	-	100.19	-27.1%	80	11.07	618.4%
NYMEX PLATINUM	PO	119	38.24	211.5%	288.9	-58.8%	280	144.54	94.0%
PALLADIUM	PAO	0	14.76	-97.6%	0.33	5.0%	1	32.68	-97.6%

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Metals Options									
SILVER	M1S	20	0	-	9.95	101.5%	5	0	-
SILVER	M2S	21	0	-	26.81	-21.1%	8	0	-
SILVER	M3S	10	0	-	3.1	236.0%	4	0	-
SILVER	M4S	10	0	-	9.86	5.5%	4	0	-
SILVER	SO1	128	160.38	-20.3%	203.95	-37.3%	223	134.73	65.3%
SILVER	SO2	118	138.48	-15.1%	237.67	-50.6%	259	143.7	80.2%
SILVER	SO3	127	108.29	17.7%	149.76	-14.9%	185	123.32	49.9%
SILVER	SO4	127	124	2.7%	127.38	0.0%	156	72.38	116.1%
SILVER	SO5	159	143.24	11.2%	0	-	38	40.28	-5.6%
SILVER	W1S	20	0	-	6.52	208.9%	6	0	-
SILVER	W2S	16	0	-	9.14	75.0%	5	0	-
SILVER	W3S	9	0	-	20.43	-56.4%	5	0	-
SILVER	W4S	8	0	-	9.29	-14.9%	3	0	-
SILVER	W5S	0	0	-	15.33	-100.0%	2	0	-
Energy Futures									
CRUDE OIL PHY	CL	805,563	974,811.05	-17.4%	769,705.57	4.7%	885,861	1,004,819.49	-11.8%
CRUDE OIL	WS	0	0	-	0	-	0	22.29	-100.0%
MINY WTI CRUDE OIL	QM	32,742	22,954.67	42.6%	24,417.52	34.1%	30,574	19,991.14	52.9%
BRENT OIL LAST DAY	BZ	66,064	92,641.19	-28.7%	57,458.67	15.0%	74,138	98,935.34	-25.1%
HEATING OIL PHY	HO	144,809	127,085.43	13.9%	149,426.19	-3.1%	164,600	145,378	13.2%
HTG OIL	BH	2	0	-	0	-	1	0.77	-35.3%
MINY HTG OIL	QH	1	0.29	92.5%	0.38	44.4%	0	0.3	30.5%
RBOB PHY	RB	148,218	169,875	-12.7%	177,266.62	-16.4%	182,203	190,277.58	-4.2%
MINY RBOB GAS	QU	0	0.38	-8.1%	0.33	5.0%	0	0.43	-4.1%
NATURAL GAS	HP	6,848	8,811.1	-22.3%	10,056.81	-31.9%	9,005	6,235.94	44.4%
LTD NAT GAS	HH	14,597	16,261.76	-10.2%	19,561.43	-25.4%	17,502	14,468.86	21.0%
MINY NATURAL GAS	QG	15,710	5,661.52	177.5%	18,648.43	-15.8%	15,576	5,251.74	196.6%
NATURAL GAS PHY	NG	291,347	342,270.24	-14.9%	383,199.48	-24.0%	369,592	377,003.84	-2.0%
RBOB GAS	RT	1	0	-	0	-	0	0.41	-19.5%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	409	267.71	52.8%	416.19	-1.7%	271	435.74	-37.7%

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Energy Futures									
ARGUS PROPAN FAR EST INDE	7E	232	232.71	-0.4%	320.52	-27.7%	273	270.36	0.9%
ARGUS PROPAN(SAUDI ARAMCO	9N	65	56.14	16.3%	75.62	-13.6%	98	86.43	13.3%
BRENT BALMO SWAP	J9	0	6.62	-100.0%	4.76	-100.0%	11	6.13	79.8%
BRENT CALENDAR SWAP	CY	501	420.05	19.4%	712.05	-29.6%	711	393.54	80.7%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-	0	27.59	-100.0%
BRENT FINANCIAL FUTURES	MBC	12	0	-	0	-	2	0	-
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	0	0.47	-100.0%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAR VINTAGE	GEO	308	15.19	1929.9%	70.52	337.2%	132	5.03	2525.8%
CAR VINTAGE	NGO	765	0	-	976.19	-21.6%	604	0	-
CHICAGO ETHANOL SWAP	CU	2,775	2,895.71	-4.2%	2,910.57	-4.7%	2,823	3,589.13	-21.3%
CHICAGO ULSD PL VS HO SPR	5C	21	22.14	-4.0%	0	-	29	23.74	20.3%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	2.93	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	0	73.33	-100.0%	6.19	-100.0%	12	16.57	-27.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	28	18.1	52.0%	26.9	2.2%	18	11.19	57.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	691	579.1	19.4%	880.43	-21.5%	752	641.25	17.3%
CRUDE OIL	LPS	0	0	-	0	-	0	0	-
CRUDE OIL LAST DAY	26	29	0.81	3433.0%	24.76	15.5%	20	15.26	34.1%
CRUDE OIL OUTRIGHTS	42	35	4	785.0%	3.71	853.1%	48	12.14	291.7%
CRUDE OIL OUTRIGHTS	CC5	0	40.71	-100.0%	0	-	11	62.63	-82.6%
CRUDE OIL OUTRIGHTS	CSW	0	61.19	-100.0%	8.57	-100.0%	9	90.27	-90.3%
CRUDE OIL OUTRIGHTS	GSW	5	0	-	0	-	1	16.58	-95.6%
CRUDE OIL OUTRIGHTS	HTT	2,552	1,903.76	34.0%	4,091.1	-37.6%	3,370	2,776.46	21.4%
CRUDE OIL OUTRIGHTS	LSW	0	14.76	-100.0%	8.57	-100.0%	27	49.74	-46.5%
CRUDE OIL OUTRIGHTS	WCW	0	6.43	-100.0%	26.43	-100.0%	115	184.29	-37.7%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	0	0.52	-100.0%	0	-	0	138.84	-100.0%
CRUDE OIL PHY	MCL	129,257	30,731.24	320.6%	114,721.57	12.7%	126,616	4,450.73	2744.8%
CRUDE OIL SPRDS	ANT	43	15.71	173.6%	154.1	-72.1%	42	12.26	238.9%
CRUDE OIL SPRDS	HIL	0	0	-	0	-	23	33.1	-31.7%
CRUDE OIL SPRDS	WTT	2,052	709.29	189.3%	2,916.67	-29.6%	2,463	1,248.33	97.3%
CRUDE OIL TRADE AT MARKER SINGAPOR	CLS	0	0	-	0	-	0	0	-
DAILY PJM	AOR	0	0	-	0	-	0	0	-
DAILY PJM	IDO	0	0	-	0	-	0	0	-

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Energy Futures										
DAILY PJM	NOC	0	0	-	0	-	0	0	-	
DAILY PJM	PAP	0	0	-	0	-	0	0	-	
DAILY PJM	PEO	0	0	-	0	-	0	0	-	
DAILY PJM	PWO	0	0	-	0	-	0	0	-	
DAILY PJM	PWP	0	0	-	0	-	0	0	-	
DAILY PJM	WOR	0	0	-	0	-	0	0	-	
DAILY PJM	ZAO	0	0	-	0	-	0	0	-	
DAILY PJM	ZGO	0	0	-	0	-	0	0	-	
DAILY PJM	ZJO	0	0	-	0	-	0	0	-	
DATED TO FRONTLINE BRENT	FY	0	0	-	0	-	15	8.38	84.0%	
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.21	-83.2%	
DOMINION TRANSMISSION INC	PG	0	0	-	0	-	0	0	-	
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	0	-	14	0	-	
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	1	1,533.62	-99.9%	8.67	-87.9%	100	2,542.3	-96.1%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0	-	
EIA FLAT TAX ONHWAY DIESE	A5	0	33	-100.0%	17.14	-100.0%	6	26	-78.2%	
ELEC FINSETTLED	47	0	0	-	0	-	0	0	-	
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	0	-	
EMMISSIONS	CGO	185	0	-	179.95	2.7%	66	0	-	
ETHANOL	MTH	0	0	-	0	-	0	0.07	0.6%	
ETHANOL SWAP	MT2	7	8.57	-21.2%	6.19	9.0%	10	6.78	47.0%	
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	62	100.71	-38.0%	76.14	-18.0%	133	163.83	-18.9%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0.29	-100.0%	0	-	0	0.04	-100.0%	
EURO GASOIL 10PPM VS ICE	ET	0	0.48	-100.0%	1.14	-100.0%	8	6.57	23.5%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0.08	-100.0%	
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-	0	0.09	-100.0%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0.33	-100.0%	0	-	4	1.63	133.0%	
EUROPEAN GASOIL (ICE)	7F	87	3.52	2366.1%	66.57	30.5%	87	30.76	184.5%	
EUROPEAN NAPHTHA BALMO	KZ	0	0.19	83.7%	0.24	47.0%	1	0.14	665.5%	
EUROPEAN NAPHTHA CRACK SPR	EN	42	97.86	-56.9%	97.38	-56.7%	122	40.97	197.5%	
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	4.9	-100.0%	
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0.07	-100.0%	
EUROPE NAPHTHA CALSWAP	UN	15	40.71	-62.3%	20.57	-25.4%	33	26.4	24.4%	
EURO PROPANE CIF ARA SWA	PS	46	51.29	-10.3%	64.62	-28.8%	79	65.84	19.7%	
FREIGHT MARKETS	BF2	0	0	-	0	-	0	0.82	-100.0%	

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Energy Futures												
FREIGHT MARKETS	BL2	2	0.71	215.0%	14.29	-84.2%	2	0.38	531.6%			
FREIGHT MARKETS	CS3	0	0	-	0.48	-100.0%	0	0	-			
FREIGHT MARKETS	CS4	0	0	-	0	-	3	0	-			
FREIGHT MARKETS	FLJ	0	0.14	-100.0%	0	-	0	0.32	-100.0%			
FREIGHT MARKETS	FLP	2	0.29	425.0%	0.67	125.0%	2	3.92	-60.7%			
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0.48	-100.0%			
FREIGHT MARKETS	T2D	0	0	-	0	-	5	1.9	159.2%			
FREIGHT MARKETS	T8C	0	0	-	0	-	0	0.07	-100.0%			
FREIGHT MARKETS	TC6	0	0	-	0	-	0	0	-			
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0	-			
FREIGHT MARKETS	USE	0	0	-	0	-	0	0.62	-100.0%			
FUEL OIL CRACK VS ICE	FO	2	14.29	-87.4%	0	-	8	10.95	-24.4%			
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.5	-7.7%			
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-			
GAS EURO-BOB OXY NWE BARGES	7H	9	16.38	-47.2%	8.05	7.5%	11	28.46	-61.4%			
GAS EURO-BOB OXY NWE BARGES CRK	7K	35	189.67	-81.4%	84.29	-58.2%	141	214.41	-34.3%			
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.41	-24.5%			
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0.57	-100.0%	0	-	0	0.29	-76.0%			
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0.48	-47.5%	0	0.52	-12.7%			
GASOIL CALENDAR SWAP	GX	0	0.14	109.9%	0.43	-30.0%	7	5.56	17.6%			
GASOIL CRACK SPREAD CALEN	GZ	4	77.14	-94.4%	11.57	-62.4%	75	53.01	42.0%			
GASOIL MINI CALENDAR SWAP	QA	8	7.67	3.0%	16.19	-51.2%	17	17.41	0.2%			
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0	-	0	0.33	-100.0%			
GRP THREE ULSD(PLT)VS HEA	A6	158	168.57	-6.4%	86.9	81.5%	247	216.69	14.0%			
GRP THREE UNL GS (PLT) VS	A8	85	129.76	-34.2%	118.33	-27.9%	178	126.83	40.3%			
GULF COAST 3% FUEL OIL BA	VZ	5	5.1	5.0%	0	-	6	0.74	697.1%			
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-	0	0	-			
GULF COAST JET VS NYM 2 H	ME	204	902.38	-77.4%	323.86	-36.9%	538	1,030.75	-47.8%			
GULF COAST NO.6 FUEL OIL	MF	81	38.48	110.6%	166.67	-51.4%	157	106.42	47.5%			
GULF COAST NO.6 FUEL OIL	MG	388	107.62	260.8%	265.71	46.1%	329	33.12	891.7%			
GULF COAST ULSD CALENDAR	LY	0	33.95	-100.0%	17.14	-100.0%	5	25.19	-79.9%			
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-			
HEATING OIL BALMO CLNDR S	1G	13	7.29	81.9%	4.76	178.3%	22	13.74	60.2%			
HEATING OIL CRCK SPRD BAL	1H	6	0	-	0	-	1	16.9	-94.8%			
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-			

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		JUL 2022	JUL 2021		JUN 2022		Y.T.D 2022	Y.T.D 2021		
Energy Futures										
HEATING OIL PHY	MHO	0	0	-	0.14	5.0%	0	0	-	
HENRY HUB SWAP	NN	757	1,167.1	-35.1%	1,516.05	-50.1%	1,311	1,611.14	-18.6%	
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	0	-	
ICE BRENT DUBAI SWAP	DB	0	15.1	-100.0%	2.86	-100.0%	15	30.86	-50.7%	
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-	0	0.32	-100.0%	
INDIANA MISO	FTD	0	0	-	0	-	0	0	-	
INDIANA MISO	PTD	0	0	-	0	-	0	0	-	
INDONESIAN COAL ICI4	ICI	0	0.48	-100.0%	0	-	0	7.68	-100.0%	
JAPAN C&F NAPHTHA CRACK S	JB	11	0	-	0.86	1148.4%	2	0	-	
JAPAN C&F NAPHTHA SWAP	JA	6	2.38	154.1%	6.43	-5.9%	6	3.14	106.9%	
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0	-	
JET CIF NWE VS ICE	JC	6	4.95	21.2%	5.29	13.5%	10	6.23	61.4%	
JET FUEL UP-DOWN BALMO CL	1M	35	72.14	-51.1%	31.57	11.7%	102	54.39	87.2%	
JKM LNG Futures	JKM	2	64.81	-96.3%	0	-	15	30.11	-50.3%	
LA CARB DIESEL (OPIS) SWA	KL	0	14.29	-100.0%	1.33	-100.0%	15	11.28	34.9%	
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	0	1.55	-100.0%	
LA JET (OPIS) SWAP	JS	6	29.76	-79.0%	3.57	75.0%	23	17	33.8%	
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-	
LLS (ARGUS) VS WTI SWAP	WJ	0	19.05	-100.0%	0	-	1	12.76	-94.9%	
MARS (ARGUS) VS WTI SWAP	YX	4	0	-	3.57	5.0%	11	8.97	24.7%	
MARS (ARGUS) VS WTI TRD M	YV	534	660.24	-19.2%	908	-41.2%	743	920.57	-19.3%	
MCCLOSKEY ARA ARGS COAL	MTF	204	417.57	-51.2%	336.24	-39.4%	327	600.34	-45.5%	
MCCLOSKEY RCH BAY COAL	MFF	8	31.67	-73.8%	27.33	-69.6%	21	43.08	-51.8%	
MGN1 SWAP FUT	MGN1	0	0	-	0	-	0	0	-	
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	1	0.62	-19.2%	0.71	-30.0%	2	0.68	139.4%	
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	4.76	-100.0%	2.38	-100.0%	0	2.7	-87.1%	
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	17	19.05	-8.6%	10.29	69.2%	19	29.13	-34.8%	
MJC FUT	MJC	0	1.43	-100.0%	0	-	0	0.34	-100.0%	
MNC FUT	MNC	64	61.43	4.1%	87.86	-27.2%	81	32.44	148.7%	
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,709	1,373.1	24.5%	2,215.81	-22.9%	1,734	1,207.37	43.6%	
MONT BELVIEU ETHANE OPIS BALMO	8C	21	30.48	-31.9%	52.38	-60.4%	43	20.12	113.8%	
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	6,061	8,511.86	-28.8%	7,765.9	-22.0%	8,112	8,399.36	-3.4%	
MONT BELVIEU LDH PROPANE OPIS BALM	8O	118	128.14	-7.7%	68.1	73.7%	153	147.03	3.8%	
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	1,256	927.76	35.4%	1,201.71	4.5%	1,133	700.94	61.7%	
MONT BELVIEU NATURAL GASOLINE BALM	R0	106	12.62	739.6%	72.81	45.5%	67	24.28	177.0%	

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		JUL 2022	JUL 2021		JUN 2022		Y.T.D 2022	Y.T.D 2021		
Energy Futures										
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	2,522	2,592.14	-2.7%	2,791.52	-9.7%	2,543	2,318.27	9.7%	
MONT BELVIEU NORMAL BUTANE BALMO	8J	38	11.76	226.9%	74.76	-48.6%	75	58.63	27.3%	
NATURAL GAS PEN SWP	NP	1,740	3,226.29	-46.1%	3,301.29	-47.3%	2,454	2,568.12	-4.4%	
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	0	0	-	
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	0	0	-	
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-	
NEW YORK ETHANOL SWAP	EZ	41	0	-	46.19	-10.7%	42	5.48	674.1%	
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-	
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-	
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-	
NY1% VS GC SPREAD SWAP	VR	0	0	-	0	-	0	0	-	
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0	-	
NY HARBOR HEAT OIL SWP	MP	66	12.52	423.4%	70.05	-6.4%	56	39.99	39.5%	
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	10.83	-100.0%	
NY HARBOR RESIDUAL FUEL 1	MM	1	8.33	-85.0%	3.57	-65.0%	7	8.79	-15.0%	
NYH NO 2 CRACK SPREAD CAL	HK	34	25.95	30.0%	74.57	-54.7%	102	81.72	24.5%	
NYISO CAPACITY	LHV	0	0	-	0	-	0	0	-	
NYISO ZONE G 5MW D AH O P	D2	0	0	-	0	-	0	0	-	
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	0	-	
NY ULSD (ARGUS) VS HEATING OIL	7Y	75	0	-	5.95	1159.2%	25	0.34	7110.3%	
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-	
PETROCHEMICALS	22	3	8.14	-59.5%	7.38	-55.3%	7	7.13	-8.4%	
PETROCHEMICALS	32	2	1.14	35.6%	1.67	-7.0%	2	2.75	-29.3%	
PETROCHEMICALS	3NA	0	1.48	-100.0%	3.86	-100.0%	1	0.83	49.4%	
PETROCHEMICALS	51	0	0	-	0.62	-83.8%	0	0	-	
PETROCHEMICALS	81	3	2.86	5.0%	0	-	3	1.01	190.4%	
PETROCHEMICALS	8I	17	12.48	33.5%	33.1	-49.7%	44	56.46	-22.2%	
PETROCHEMICALS	91	3	9.67	-71.6%	9.19	-70.1%	15	15.3	-2.2%	
PETROCHEMICALS	MAA	0	0	-	0.24	-100.0%	3	1.21	141.7%	
PETROCHEMICALS	MAE	32	52.38	-38.9%	48.57	-34.1%	52	32.14	61.6%	
PETROCHEMICALS	MAS	17	29.29	-42.8%	19.76	-15.2%	19	12.37	54.4%	
PETROCHEMICALS	MBE	0	5.71	-100.0%	14.29	-100.0%	4	2.9	46.2%	
PETROCHEMICALS	MNB	0	53.1	-100.0%	0	-	0	13.05	-99.2%	
PETROCHEMICALS	MPS	16	18.1	-11.9%	11.86	34.5%	11	17.4	-36.8%	
PETROCHEMICALS	PMF	0	0	-	0	-	0	0.03	201.8%	

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	ADV	ADV	% CHG	ADV	% CHG	ADV	% CHG	Y.T.D 2022	Y.T.D 2021	% CHG	Y.T.D 2022	Y.T.D 2021	% CHG	Y.T.D 2022	Y.T.D 2021	% CHG
Energy Futures																
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	0	0	-	0	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0	0	-	0	0	-	0	0	-
PETRO CRCKS & SPRDS NA	CRB	978	868.57	12.6%	747.76	30.8%	851	1,011.78	-15.9%	851	1,011.78	-15.9%	851	1,011.78	-15.9%	
PETRO CRCKS & SPRDS NA	EXR	7	20.95	-66.1%	10.86	-34.6%	17	32.29	-48.8%	17	32.29	-48.8%	17	32.29	-48.8%	
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-	0	0	-	0	0	-	0	0	-	
PETRO CRCKS & SPRDS NA	GBB	5	9.52	-47.5%	15.48	-67.7%	4	2.07	109.8%	4	2.07	109.8%	4	2.07	109.8%	
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-	1	2.55	-59.2%	1	2.55	-59.2%	1	2.55	-59.2%	
PETRO CRCKS & SPRDS NA	GCU	0	0	-	0	-	2	4.34	-56.0%	2	4.34	-56.0%	2	4.34	-56.0%	
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	9	0	-	9	0	-	9	0	-	
PETRO CRCKS & SPRDS NA	HOB	0	0	-	0	-	4	5.17	-22.5%	4	5.17	-22.5%	4	5.17	-22.5%	
PETRO CRCKS & SPRDS NA	MFR	0	5.43	-100.0%	0	-	0	1	-100.0%	0	1	-100.0%	0	1	-100.0%	
PETRO CRCKS & SPRDS NA	RBB	3	84.76	-97.1%	3.19	-21.6%	39	77.19	-49.6%	39	77.19	-49.6%	39	77.19	-49.6%	
PETRO CRCKS & SPRDS NA	RVG	53	49	9.1%	82.33	-35.1%	117	77.03	52.3%	117	77.03	52.3%	117	77.03	52.3%	
PETRO CRK&SPRD EURO	1NB	0	0.95	-100.0%	7.14	-100.0%	12	2.57	381.9%	12	2.57	381.9%	12	2.57	381.9%	
PETRO CRK&SPRD EURO	43	0	0.33	-100.0%	0	-	1	0.11	661.8%	1	0.11	661.8%	1	0.11	661.8%	
PETRO CRK&SPRD EURO	BOB	0	0	-	0	-	4	4.42	-9.7%	4	4.42	-9.7%	4	4.42	-9.7%	
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0.03	-100.0%	0	0.03	-100.0%	0	0.03	-100.0%	
PETRO CRK&SPRD EURO	EPN	16	29.67	-47.8%	18.81	-17.6%	17	24.97	-30.6%	17	24.97	-30.6%	17	24.97	-30.6%	
PETRO CRK&SPRD EURO	EVC	0	1.57	-100.0%	0	-	5	2.65	106.4%	5	2.65	106.4%	5	2.65	106.4%	
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0	-	0	0	-	0	0	-	
PETRO CRK&SPRD EURO	MGB	0	2.86	-100.0%	0	-	0	0.41	-100.0%	0	0.41	-100.0%	0	0.41	-100.0%	
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-	0	0	-	0	0	-	0	0	-	
PETRO CRK&SPRD EURO	NOB	4	5.81	-28.6%	0.86	384.2%	6	1.41	292.4%	6	1.41	292.4%	6	1.41	292.4%	
PETROLEUM PRODUCTS	1NM	0	2.38	-100.0%	0	-	0	3.7	-90.6%	0	3.7	-90.6%	0	3.7	-90.6%	
PETROLEUM PRODUCTS	BEB	0	0	-	0	-	0	0.02	-100.0%	0	0.02	-100.0%	0	0.02	-100.0%	
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0.01	101.4%	0	0.01	101.4%	0	0.01	101.4%	
PETROLEUM PRODUCTS	CMS	10	0	-	2.38	320.0%	6	2.21	189.5%	6	2.21	189.5%	6	2.21	189.5%	
PETROLEUM PRODUCTS	EWG	0	0	-	11.86	-100.0%	20	12.19	61.1%	20	12.19	61.1%	20	12.19	61.1%	
PETROLEUM PRODUCTS	H5F	2	2.86	-30.0%	2.86	-30.0%	2	0.41	277.6%	2	0.41	277.6%	2	0.41	277.6%	
PETROLEUM PRODUCTS	JCC	77	0	-	72.57	6.7%	65	7.16	812.3%	65	7.16	812.3%	65	7.16	812.3%	
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	0.1	-100.0%	0	0.1	-100.0%	0	0.1	-100.0%	
PETROLEUM PRODUCTS	R5E	0	0	-	0	-	0	0	-	0	0	-	0	0	-	
PETROLEUM PRODUCTS	R5F	1	2	-55.0%	2.62	-65.6%	2	2.06	-6.0%	2	2.06	-6.0%	2	2.06	-6.0%	
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0	-	0	0	-	0	0	-	
PETROLEUM PRODUCTS	UCS	0	0	-	0	-	0	0	-	0	0	-	0	0	-	

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	ADV	ADV	% CHG	ADV	% CHG	ADV	% CHG	ADV	% CHG	ADV	% CHG	
Energy Futures												
PETROLEUM PRODUCTS	UP5	0	0	-	0	-	0	0	-	0	0	
PETROLEUM PRODUCTS	VU	0	0	-	0	-	8	2.14	271.7%	8	2.14	
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0	-	0	0	-	0	0	
PETROLEUM PRODUCTS ASIA	MJN	9	32.14	-71.2%	18.1	-48.9%	44	11.94	267.8%	44	11.94	
PETRO OUTFRIGHT EURO	0B	0	0.95	-100.0%	0	-	0	0.38	-100.0%	0	0.38	
PETRO OUTFRIGHT EURO	0C	0	1.9	-100.0%	0	-	0	0.52	-100.0%	0	0.52	
PETRO OUTFRIGHT EURO	0D	1	3.62	-61.3%	0.52	167.3%	1	4.49	-73.2%	1	4.49	
PETRO OUTFRIGHT EURO	0E	0	0.95	-100.0%	0	-	0	0.14	-100.0%	0	0.14	
PETRO OUTFRIGHT EURO	0F	0	0	-	0	-	0	0.06	0.6%	0	0.06	
PETRO OUTFRIGHT EURO	1T	0	0	-	0	-	0	0.07	-100.0%	0	0.07	
PETRO OUTFRIGHT EURO	7I	0	2.38	-100.0%	0	-	2	0.34	474.0%	2	0.34	
PETRO OUTFRIGHT EURO	7R	0	0	-	0.29	5.0%	0	0.03	664.9%	0	0.03	
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-	0	0	-	0	0	
PETRO OUTFRIGHT EURO	CGB	0	0	-	1.43	-100.0%	0	0	-	0	0	
PETRO OUTFRIGHT EURO	CPB	6	7.24	-20.6%	12.57	-54.3%	10	21.23	-52.6%	10	21.23	
PETRO OUTFRIGHT EURO	EFM	0	0	-	0	-	0	0.08	-100.0%	0	0.08	
PETRO OUTFRIGHT EURO	ENS	0	0	-	0	-	0	0	-	0	0	
PETRO OUTFRIGHT EURO	EWN	3	26.24	-86.9%	0.57	503.8%	5	6.26	-18.0%	5	6.26	
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	-	0	0.03	-100.0%	0	0.03	
PETRO OUTFRIGHT EURO	H5G	0	0	-	0	-	0	0	-	0	0	
PETRO OUTFRIGHT EURO	JFB	0	0	-	0	-	0	0.07	-100.0%	0	0.07	
PETRO OUTFRIGHT EURO	M1B	48	53.9	-11.7%	59.9	-20.5%	55	63.15	-12.5%	55	63.15	
PETRO OUTFRIGHT EURO	MBB	0	0	-	0	-	0	1.45	-100.0%	0	1.45	
PETRO OUTFRIGHT EURO	MBN	9	15.48	-43.1%	45.05	-80.5%	32	20.77	53.7%	32	20.77	
PETRO OUTFRIGHT EURO	MEF	1	9.24	-94.6%	0.95	-47.5%	1	13.03	-95.8%	1	13.03	
PETRO OUTFRIGHT EURO	MQA	0	0	-	0	-	1	0	-	1	0	
PETRO OUTFRIGHT EURO	R53	0	0	-	0	-	0	0.41	-100.0%	0	0.41	
PETRO OUTFRIGHT EURO	R5B	0	0.48	-100.0%	0	-	0	0.39	-100.0%	0	0.39	
PETRO OUTFRIGHT EURO	R5M	62	78.14	-20.5%	73.67	-15.7%	88	42.86	104.5%	88	42.86	
PETRO OUTFRIGHT EURO	R5O	25	25.9	-2.1%	32.1	-21.0%	53	35.39	48.8%	53	35.39	
PETRO OUTFRIGHT EURO	RBM	0	1.29	-100.0%	1.81	-100.0%	1	0.19	254.3%	1	0.19	
PETRO OUTFRIGHT EURO	S5B	0	0	-	0	-	0	0.03	0.6%	0	0.03	
PETRO OUTFRIGHT EURO	S5F	6	4.86	22.5%	5.48	8.7%	6	5.37	15.2%	6	5.37	
PETRO OUTFRIGHT EURO	S5M	92	96.38	-4.9%	76.95	19.2%	109	81.37	33.5%	109	81.37	
PETRO OUTFRIGHT EURO	S5O	128	37.86	238.1%	122	4.9%	156	49.69	213.9%	156	49.69	

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		JUL 2022	JUL 2021		JUN 2022		Y.T.D 2022	Y.T.D 2021		
Energy Futures										
PETRO OUTFRIGHT EURO	SMU	0	35.71	-100.0%	0	-	0	7.24	-100.0%	
PETRO OUTFRIGHT EURO	SR5	1	0	-	0	-	0	0	-	
PETRO OUTFRIGHT EURO	TLB	0	0	-	0	-	0	0	-	
PETRO OUTFRIGHT EURO	V0	0	0	-	0	-	0	0	-	
PETRO OUTFRIGHT NA	A8B	28	7.14	292.0%	6.43	335.6%	12	3.45	258.5%	
PETRO OUTFRIGHT NA	AB6	37	2.86	1195.0%	13.81	167.9%	19	11.97	62.2%	
PETRO OUTFRIGHT NA	BCR	63	65.48	-3.8%	105.48	-40.3%	128	86.76	47.2%	
PETRO OUTFRIGHT NA	FCB	0	0	-	0	-	0	0	-	
PETRO OUTFRIGHT NA	JE	0	5.95	-100.0%	0	-	0	1.9	-78.0%	
PETRO OUTFRIGHT NA	JET	16	4.76	241.3%	2.38	582.5%	23	9.14	151.5%	
PETRO OUTFRIGHT NA	JTB	23	15.48	45.4%	0	-	14	2.24	538.6%	
PETRO OUTFRIGHT NA	MBL	0	0	-	4.29	-100.0%	5	2.68	79.9%	
PETRO OUTFRIGHT NA	MEN	2	8.71	-75.9%	4.29	-51.0%	4	2.83	32.1%	
PETRO OUTFRIGHT NA	MEO	13	9.43	35.2%	9.33	36.6%	12	21.84	-46.0%	
PETRO OUTFRIGHT NA	MFD	0	0	-	0	-	0	0	-	
PETRO OUTFRIGHT NA	MMF	0	0	-	0	-	0	0.45	-100.0%	
PJM AD HUB 5MW REAL TIME	V3	0	0	-	0	-	0	0	-	
PJM AD HUB 5MW REAL TIME	Z9	0	0	-	0	-	0	0	-	
PJM DAILY	JD	0	0	-	0	-	0	0	-	
PJM NI HUB 5MW REAL TIME	B3	0	0	-	0	-	0	0	-	
PJM NI HUB 5MW REAL TIME	B6	0	0	-	0	-	0	0	-	
PJM WESTH RT OFF-PEAK	N9	0	0	-	0	-	0	0	-	
PJM WESTH RT PEAK	L1	0	0	-	0	-	0	0	-	
PLASTICS	PGP	29	14.24	100.5%	75.33	-62.1%	50	67.13	-25.8%	
PREMIUM UNLND 10P FOB MED	3G	0	0	-	2.14	-100.0%	0	0.03	1107.8%	
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	59	22.14	164.2%	105.81	-44.7%	82	62.97	30.2%	
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	605	560.33	8.0%	715.9	-15.5%	649	781.77	-17.0%	
RBOB CALENDAR SWAP	RL	165	440.71	-62.5%	134.14	23.2%	272	326.26	-16.6%	
RBOB CRACK SPREAD	RM	17	32.86	-49.8%	36.9	-55.3%	91	110.97	-17.6%	
RBOB CRACK SPREAD BALMO S	1E	6	0	-	0	-	1	0	-	
RBOB GASOLINE BALMO CLNDR	1D	40	19.57	102.8%	37.71	5.3%	78	24.68	214.5%	
RBOB PHY	MRB	1	0	-	0.52	33.6%	0	0	-	
RBOB PHY	RBL	0	0	-	0	-	0	0	-	
RBOB VS HEATING OIL SWAP	RH	9	0	-	0	-	4	3.48	10.7%	
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0	-	

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Energy Futures									
SINGAPORE 380CST FUEL OIL	SE	1	9.57	-94.3%	1.71	-67.9%	9	10.08	-11.9%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	1.43	-100.0%	0	0	-
SINGAPORE GASOIL	MAF	19	12.86	45.8%	26.86	-30.2%	25	11.74	114.6%
SINGAPORE GASOIL	MTB	0	0	-	0	-	1	0.17	680.5%
SINGAPORE GASOIL	MTS	16	18.19	-12.0%	10.24	56.3%	16	15.21	5.1%
SINGAPORE GASOIL	SBM	0	0	-	0	-	2	0.59	293.3%
SINGAPORE GASOIL CALENDAR	MSG	1	76.29	-98.5%	0.95	20.7%	8	38.71	-79.4%
SINGAPORE GASOIL SWAP	SG	4	33	-88.6%	0.62	505.8%	21	69.19	-70.2%
SINGAPORE GASOIL VS ICE	GA	0	107	-100.0%	0	-	27	47.23	-42.1%
SINGAPORE JET KERO GASOIL	RK	0	28.57	-100.0%	0	-	25	6.21	308.7%
SINGAPORE JET KEROSENE SW	KS	0	12.38	-100.0%	0	-	3	7.48	-62.4%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0.48	-100.0%	28.57	-100.0%	6	2.14	163.1%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	33.33	-100.0%	5.86	-100.0%	4	20.58	-79.8%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	2	0.72	153.2%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	5.71	-100.0%	1	0.93	45.5%
TD3 MEG TO JAPAN 250K MT	TL	0	36.05	-100.0%	0	-	43	69.36	-38.1%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	-	0	-	0	17.48	-100.0%
ULSD UP-DOWN BALMO SWP	1L	159	110.71	43.3%	167.62	-5.3%	329	246.75	33.5%
UP DOWN GC ULSD VS NMX HO	LT	710	1,916.48	-63.0%	686.48	3.4%	1,423	1,510.22	-5.8%
WTI-BRENT CALENDAR SWAP	BK	1,915	1,813.29	5.6%	2,685.57	-28.7%	2,747	1,943.74	41.3%
WTI CALENDAR	CS	1,569	2,282.48	-31.2%	2,866.48	-45.3%	3,107	2,574.54	20.7%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	0	12.1	-100.0%
WTS (ARGUS) VS WTI SWAP	FF	16	243.1	-93.5%	102	-84.6%	131	207.55	-36.9%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	-	28.57	-100.0%	41	32.69	25.0%
Energy Options									
BRENT CALENDAR SWAP	BA	0	17.52	-100.0%	0	-	21	19.81	8.2%
BRENT CRUDE OIL 1 M CSO	9C	0	11.9	-100.0%	0	-	620	491.38	26.1%
BRENT OIL LAST DAY	BE	9	272.19	-96.8%	1,695.62	-99.5%	627	937.63	-33.1%
BRENT OIL LAST DAY	BZO	547	533.57	2.6%	816.9	-33.0%	972	1,314.74	-26.1%
COAL API2 INDEX	F2C	0	3.57	-100.0%	0	-	3	5.31	-49.0%
COAL API2 INDEX	F2Q	0	4.76	-100.0%	0	-	1	6.79	-89.8%

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		JUL 2022	JUL 2021		JUN 2022		Y.T.D 2022	Y.T.D 2021		
Energy Options										
CRUDE OIL	6Y	0	0	-	0	-	0	0	-	
CRUDE OIL 1MO	WA	1,588	7,316.67	-78.3%	1,641.9	-3.3%	3,415	6,983.83	-51.1%	
CRUDE OIL APO	AO	1,040	943	10.3%	904.95	14.9%	1,049	1,692.54	-38.0%	
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0	-	
CRUDE OIL PHY	LC	874	514.57	69.9%	997.62	-12.4%	1,895	493.35	284.0%	
CRUDE OIL PHY	LO	114,339	125,657.76	-9.0%	111,808.67	2.3%	123,892	113,721.53	8.9%	
CRUDE OIL PHY	LO1	534	807	-33.8%	1,584.95	-66.3%	1,443	695.48	107.5%	
CRUDE OIL PHY	LO2	1,208	976.62	23.7%	1,073.62	12.5%	1,071	614.7	74.2%	
CRUDE OIL PHY	LO3	3	706.62	-99.6%	854.67	-99.6%	798	571.54	39.7%	
CRUDE OIL PHY	LO4	1,676	1,490.24	12.5%	1,123.29	49.2%	1,530	888.38	72.3%	
CRUDE OIL PHY	LO5	1,313	838.43	56.6%	0.62	212056.7%	307	287.79	6.5%	
CRUDE OIL PHY	MCO	328	0	-	107.9	204.4%	61	0	-	
CRUDE OIL PHY	MW1	23	0	-	9.81	138.0%	5	0	-	
CRUDE OIL PHY	MW2	50	0	-	9.19	443.5%	8	0	-	
CRUDE OIL PHY	MW3	0	0	-	7.52	-100.0%	1	0	-	
CRUDE OIL PHY	MW4	133	0	-	17.33	664.4%	21	0	-	
CRUDE OIL PHY	MW5	77	0	-	0	-	11	0	-	
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-	
ETHANOL SWAP	CVR	124	115	7.6%	204.62	-39.5%	169	129.09	31.2%	
ETHANOL SWAP	GVR	0	0	-	0	-	0	0	-	
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0	-	
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	5	6.41	-18.8%	
HEATING OIL PHY	FZ	0	0	-	0	-	0	0	-	
HEATING OIL PHY	LB	0	0	-	0	-	3	10.57	-74.9%	
HEATING OIL PHY	OH	365	320.57	13.7%	341.9	6.6%	549	269.89	103.4%	
HENRY HUB FINANCIAL LAST	E7	176	240.33	-27.0%	211.14	-16.9%	257	511.78	-49.8%	
HO 1 MONTH CLNDR OPTIONS	FA	65	0	-	0	-	32	0	-	
LLS CRUDE OIL	HTO	0	0	-	0	-	8	0	-	
LLS CRUDE OIL	WTO	0	0	-	0	-	6	0	-	
MCCLOSKEY ARA ARGS COAL	MTO	0	11.43	-100.0%	0	-	0	3.72	-100.0%	
NATURAL GAS	LN1	0	0	-	0	-	2	0	-	
NATURAL GAS	LN2	0	0	-	4.05	-88.9%	5	0	-	
NATURAL GAS	LN3	0	0	-	1.19	-79.0%	7	0	-	
NATURAL GAS	LN4	0	0	-	0	-	11	0	-	
NATURAL GAS	LN5	0	0	-	0	-	0	0	-	

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		JUL 2022	JUL 2021		JUN 2022		Y.T.D 2022	Y.T.D 2021	
Energy Options									
NATURAL GAS 1 M CSO FIN	G4	4,295	2,188.1	96.3%	1,380.95	211.0%	4,713	2,068.61	127.8%
NATURAL GAS 2 M CSO FIN	G2	18	0	-	57.14	-69.4%	98	40	144.8%
NATURAL GAS 3 M CSO FIN	G3	2,255	1,520.24	48.3%	1,540.48	46.4%	1,813	1,023.66	77.1%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	321	76.9	317.7%
NATURAL GAS 6 M CSO FIN	G6	200	838.1	-76.1%	142.86	40.0%	562	591.72	-5.1%
NATURAL GAS OPT	JFO	0	0	-	0	-	2	0	-
NATURAL GAS OPT	JKO	8	161.9	-95.4%	0	-	38	94.14	-60.2%
NATURAL GAS OPT	TFO	0	211.43	-100.0%	0	-	5	987.03	-99.5%
NATURAL GAS OPTION ON CALENDAR STR	6J	0	534.29	-100.0%	0	-	4	327.72	-98.7%
NATURAL GAS PHY	KD	177	70.24	151.3%	113.1	56.1%	72	107.07	-33.0%
NATURAL GAS PHY	LN	91,452	103,271.76	-11.4%	112,941.43	-19.0%	104,122	93,878.79	10.9%
NATURAL GAS PHY	ON	3,880	3,699.48	4.9%	5,308.1	-26.9%	4,632	3,957.37	17.0%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	53	28.48	87.2%	114.33	-53.4%	97	42.08	129.9%
PETROCHEMICALS	4H	0	20.38	-100.0%	108.57	-100.0%	22	41.52	-47.1%
PETROCHEMICALS	4J	0	0	-	0	-	0	4.93	-100.0%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0	-	0	-	0	1.24	-100.0%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	0	8.57	-100.0%	0	-	3	7.45	-65.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	0	-
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	50	0	-	73.81	-32.3%	18	0	-
RBOB CALENDAR SWAP	RA	22	1.67	1235.0%	54.76	-59.4%	24	7.97	196.2%
RBOB PHY	OB	153	400	-61.8%	240.48	-36.4%	175	355.41	-50.8%
RBOB PHY	RF	3	0.76	293.8%	6.19	-51.5%	9	3.1	181.9%
SHORT TERM	U11	0	0	-	0	-	2	0.34	504.2%
SHORT TERM	U12	0	0	-	0	-	4	0.69	453.8%
SHORT TERM	U13	0	0	-	0	-	1	1.38	-49.7%
SHORT TERM	U14	0	0	-	2.38	-100.0%	3	0	-
SHORT TERM	U15	0	14.29	-100.0%	0	-	0	2.07	-100.0%
SHORT TERM	U22	0	0	-	0	-	1	0	-
SHORT TERM	U24	0	0	-	0	-	0	0.69	-100.0%
SHORT TERM	U25	0	0	-	0	-	1	2.07	-32.9%
SHORT TERM	U26	0	0	-	0	-	1	0.52	168.5%

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		JUL 2022	JUL 2021		JUN 2022		Y.T.D 2022	Y.T.D 2021		
Energy Options										
SHORT TERM NATURAL GAS	U01	0	0	-	0	-	2	0.52	235.7%	
SHORT TERM NATURAL GAS	U02	0	4.76	-100.0%	0	-	0	2.41	-100.0%	
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	0	0.69	-100.0%	
SHORT TERM NATURAL GAS	U04	0	0	-	0	-	3	2.07	34.3%	
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	3	1.38	151.7%	
SHORT TERM NATURAL GAS	U06	0	11.9	-100.0%	0	-	4	5.52	-30.8%	
SHORT TERM NATURAL GAS	U07	10	0	-	8.33	20.0%	6	2.24	186.6%	
SHORT TERM NATURAL GAS	U08	0	0	-	2.38	-100.0%	1	0.34	302.8%	
SHORT TERM NATURAL GAS	U09	0	0	-	0	-	0	1.38	-100.0%	
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	1	0	-	
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	0	0.52	-100.0%	
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	0	1.03	-100.0%	
SHORT TERM NATURAL GAS	U18	0	0	-	0	-	2	0	-	
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	4	0	-	
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	2	0	-	
SHORT TERM NATURAL GAS	U21	23	9.52	136.3%	0	-	7	1.38	378.3%	
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	0	0	-	
SHORT TERM NATURAL GAS	U28	5	0	-	0	-	1	0.69	0.7%	
SHORT TERM NATURAL GAS	U29	0	2.38	-100.0%	0	-	0	0.34	-100.0%	
SHORT TERM NATURAL GAS	U30	0	4.76	-100.0%	4.76	-100.0%	1	1.72	-59.7%	
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	1	0	-	
WTI-BRENT BULLET SWAP	BV	3,335	1,488.1	124.1%	3,993.05	-16.5%	1,936	1,328.28	45.7%	
WTI CRUDE OIL 1 M CSO FI	7A	1,215	4,369.52	-72.2%	3,242.86	-62.5%	2,902	3,888.07	-25.4%	
Ag Products Futures										
COFFEE	KT	0	0	-	0	-	0	0.01	-100.0%	

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Commodity	ADV JUL 2022	ADV JUL 2021	% CHG	ADV JUN 2022	% CHG	ADV Y.T.D 2022	ADV Y.T.D 2021	% CHG
TOTAL FUTURES GROUP								
Ag Products Futures	0	0	-	0	-	0	0.01	-100.0%
Energy Futures	1,689,732	1,831,125.43	-7.7%	1,769,898.14	-4.5%	1,920,549	1,911,014.17	0.5%
Metals Futures	491,277	494,693.62	-0.7%	428,701.29	14.6%	476,552	552,744.82	-13.8%
TOTAL FUTURES	2,181,009	2,325,819.05	-6.2%	2,198,599.43	-0.8%	2,397,101.07	2,463,759	-2.7%
TOTAL OPTIONS GROUP								
Energy Options	231,624	259,642.38	-10.8%	252,753.43	-8.4%	260,423	238,519.34	9.2%
Metals Options	61,545	43,387.19	41.9%	54,759.24	12.4%	63,881	55,968.13	14.1%
TOTAL OPTIONS	293,169	303,029.57	-3.3%	307,512.67	-4.7%	324,304.73	294,487.48	10.1%
TOTAL COMBINED								
Metals	552,822	538,080.81	2.7%	483,460.52	14.3%	540,433	608,712.95	-11.2%
Energy	1,921,356	2,090,767.81	-8.1%	2,022,651.57	-5.0%	2,180,972	2,149,533.51	1.5%
Ag Products	0	0	-	0	-	0	0.01	-100.0%
GRAND TOTAL	2,474,178	2,628,848.62	-5.9%	2,506,112.09	-1.3%	2,721,405.8	2,758,246.48	-1.3%