

NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV OCT 2020	ADV OCT 2019	% CHG	ADV SEP 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Metals Futures									
COMEX GOLD	GC	211,150	348,528.26	-39.4%	298,376.33	-29.2%	321,872	342,119.07	-5.9%
NYMEX HOT ROLLED STEEL	HR	1,037	635.48	63.2%	991.76	4.6%	874	731.12	19.5%
NYMEX PLATINUM	PL	12,325	17,752.57	-30.6%	21,588.14	-42.9%	18,170	23,101.53	-21.3%
PALLADIUM	PA	1,575	3,944.52	-60.1%	1,391.76	13.1%	2,827	4,987.57	-43.3%
URANIUM	UX	0	0	-	0	-	9	50.24	-82.5%
COMEX SILVER	SI	74,801	78,718.09	-5.0%	103,976	-28.1%	105,711	96,076.46	10.0%
COMEX E-Mini GOLD	QO	705	1,145.91	-38.4%	2,040.9	-65.4%	1,593	962.05	65.6%
COMEX E-Mini SILVER	QI	272	159.26	70.5%	577.19	-53.0%	448	213.49	110.1%
COMEX COPPER	HG	83,508	72,780.7	14.7%	94,499.24	-11.6%	97,401	95,860.12	1.6%
COMEX MINY COPPER	QC	107	23.65	352.4%	119.95	-10.8%	46	31.43	47.2%
ALUMINUM	A38	0	0	-	0	-	0	0.1	-100.0%
ALUMINUM	AEP	230	275.65	-16.6%	154.29	49.1%	166	103.71	60.3%
ALUMINUM	ALA	16	15.65	4.5%	7.14	129.1%	8	4.36	74.9%
ALUMINUM	ALI	127	141	-9.7%	279.86	-54.5%	183	47.27	287.2%
ALUMINUM	AUP	312	442.3	-29.5%	554.05	-43.7%	468	296.74	57.6%
ALUMINUM	CUP	0	0	-	0	-	0	0	-
ALUMINUM	EDP	97	221.22	-56.2%	126.19	-23.2%	176	103.11	70.9%
ALUMINUM	MJP	35	30	18.2%	45.71	-22.4%	50	48.67	2.3%
COPPER	HGS	79	99.13	-20.0%	62.95	25.9%	150	44.26	239.4%
FERROUS PRODUCTS	BUS	57	31.87	77.6%	63.38	-10.7%	93	51.84	78.8%
GOLD	4GC	1	0	-	7.95	-88.6%	3	0	-
GOLD	SGC	46	416.7	-88.9%	59.71	-22.6%	81	45.42	78.8%
GOLD	SGU	183	264.61	-30.8%	328.81	-44.3%	261	28.84	805.8%
HOT ROLLED COIL STEEL FUTURES	EHR	55	0	-	34.62	57.6%	20	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	0	85.26	-100.0%	0	-	69	240.02	-71.4%
IRON ORE CHINA	TIO	49	0	-	60	-19.1%	26	0	-
LNDN ZINC	ZNC	0	0	-	0	-	0	5.83	-100.0%
METALS	HDG	0	0	-	0	-	0	0	-
MICRO GOLD	MGC	77,293	35,347.57	118.7%	133,128.24	-41.9%	88,128	21,340.64	313.0%
SILVER	SIL	11,170	1,748.78	538.7%	16,836.62	-33.7%	9,046	1,289.71	601.4%

Metals Options

ALUMINUM	ALO	0	0	-	0	-	1	0	-
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Metals Options									
COMEX COPPER	HX	921	2,418.22	-61.9%	909.48	1.3%	1,795	2,815.93	-36.3%
COMEX GOLD	OG	39,885	51,929.7	-23.2%	43,622	-8.6%	55,088	62,729.69	-12.2%
COMEX SILVER	SO	6,284	7,418.78	-15.3%	7,607.57	-17.4%	9,214	8,946.27	3.0%
COPPER	H1E	0	3.96	-100.0%	0	-	5	2.18	136.0%
COPPER	H2E	0	7.39	-98.8%	0	-	3	3.78	-13.8%
COPPER	H3E	0	15.57	-100.0%	0	-	4	4.66	-24.6%
COPPER	H4E	0	7.96	-100.0%	0	-	2	1.46	19.7%
COPPER	H5E	0	0	-	0	-	3	0.46	613.3%
GOLD	OG1	652	2,839.48	-77.0%	2,035.67	-68.0%	1,658	2,038.23	-18.6%
GOLD	OG2	1,424	2,405.91	-40.8%	1,469.9	-3.1%	1,795	1,772.48	1.3%
GOLD	OG3	1,236	1,461	-15.4%	1,458	-15.2%	1,567	1,401.04	11.9%
GOLD	OG4	1,172	912	28.5%	1,252.29	-6.4%	1,356	965.96	40.4%
GOLD	OG5	1,536	0	-	0	-	591	295.63	100.0%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	6.52	-100.0%	0	-	0	4.98	-92.9%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	1.3	-100.0%	0	-	18	32.37	-45.2%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	-	0	-	30	17.06	76.4%
IRON ORE CHINA	ICT	4	0	-	3.81	-4.5%	2	0	-
NYMEX HOT ROLLED STEEL	HRO	10	0	-	14.29	-28.4%	4	0	-
NYMEX PLATINUM	PO	61	148.65	-58.9%	57.57	6.0%	125	166.76	-24.9%
PALLADIUM	PAO	5	69.91	-93.4%	28.62	-83.8%	32	58.63	-46.3%
SILVER	SO1	32	152.91	-79.3%	110.52	-71.3%	118	95.87	23.4%
SILVER	SO2	77	143.52	-46.7%	101.19	-24.4%	111	84.13	31.9%
SILVER	SO3	82	118.65	-31.2%	50.57	61.5%	97	74.71	30.3%
SILVER	SO4	50	34.57	43.3%	47.76	3.7%	73	30.14	143.8%
SILVER	SO5	67	0	-	0	-	36	19.11	87.1%

Energy Futures

CRUDE OIL PHY	CL	775,591	1,012,973.61	-23.4%	814,431.43	-4.8%	1,142,493	1,199,393.2	-4.7%
CRUDE OIL	WS	455	0	-	380.95	19.3%	102	79.12	28.3%
MINY WTI CRUDE OIL	QM	13,954	19,872.7	-29.8%	12,009.95	16.2%	29,646	22,760.62	30.2%
BRENT OIL LAST DAY	BZ	75,393	99,843.04	-24.5%	75,497.1	-0.1%	107,353	104,712.17	2.5%

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Energy Futures									
HEATING OIL PHY	HO	168,847	221,605.35	-23.8%	168,910.33	0.0%	178,232	169,243.23	5.3%
HTG OIL	BH	0	0	-	0	-	1	0.46	12.5%
MINY HTG OIL	QH	0	0.13	178.8%	0.33	9.1%	0	0.15	62.4%
RBOB PHY	RB	165,231	166,629.43	-0.8%	160,079.52	3.2%	188,000	202,977.65	-7.4%
MINY RBOB GAS	QU	0	0.13	248.5%	0.29	59.1%	0	0.3	11.1%
NATURAL GAS	HP	7,495	4,966.13	50.9%	8,753.71	-14.4%	7,537	5,443.74	38.4%
LTD NAT GAS	HH	18,633	11,813.78	57.7%	14,730.43	26.5%	12,691	14,317.92	-11.4%
MINY NATURAL GAS	QG	9,435	2,471.09	281.8%	8,831	6.8%	5,985	1,551.81	285.7%
PJM MONTHLY	JM	0	0	-	0	-	0	0	-
NATURAL GAS PHY	NG	423,331	477,006.57	-11.3%	445,039.43	-4.9%	487,488	398,562.45	22.3%
RBOB GAS	RT	1	0.52	4.6%	0	-	0	0.4	0.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	-	0	-	0	0.46	-79.4%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-	0	0.09	-100.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ANR OKLAHOMA	NE	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	319	299.17	6.7%	175.48	81.8%	270	395.23	-31.6%
ARGUS PROPAN FAR EST INDE	7E	278	245.48	13.4%	266.33	4.5%	248	295.09	-15.8%
ARGUS PROPAN(SAUDI ARAMCO	9N	126	112.7	12.0%	85.57	47.5%	109	141.95	-23.2%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	J9	0	8.57	-100.0%	3.62	-100.0%	7	9.29	-28.3%
BRENT CALENDAR SWAP	CY	455	629.26	-27.7%	51.48	784.3%	351	351.46	0.0%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-	10	33.18	-68.6%
BRENT FINANCIAL FUTURES	MBC	0	4.35	-100.0%	0	-	1	7.02	-87.5%
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	1	0	-
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CENTERPOINT BASIS SWAP	PW	0	0	-	0	-	0	0	-
CHICAGO ETHANOL SWAP	CU	3,053	3,735.61	-18.3%	2,767.24	10.3%	3,557	4,889.93	-27.2%
CHICAGO ULSD PL VS HO SPR	5C	2	6.13	-62.9%	4.52	-49.8%	33	25.43	31.4%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	6	6.49	-5.8%
CIG BASIS	CI	0	0	-	0	-	0	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	0	0	-
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	H5	0	8.7	-100.0%	0	-	6	23.09	-72.4%
CIN HUB 5MW REAL TIME O P	H4	0	0	-	0	-	0	18.58	-100.0%

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CIN HUB 5MW REAL TIME PK	H3	0	0	-	0	-	0	1.54	-100.0%
COAL SWAP	ACM	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-	0	1.73	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	5	3.04	58.3%	0.71	574.5%	13	11.19	13.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	21	19.57	6.2%	16.67	24.6%	19	22.47	-14.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	587	549.39	6.8%	756.24	-22.4%	786	701.47	12.0%
CRUDE OIL	LPS	0	167.39	-100.0%	0	-	20	141.28	-85.6%
CRUDE OIL LAST DAY	26	0	0	-	5.43	-100.0%	3	0	-
CRUDE OIL OUTRIGHTS	42	7	11.3	-39.7%	11.24	-39.3%	59	18.79	215.6%
CRUDE OIL OUTRIGHTS	CC5	50	22.17	127.5%	30.71	64.3%	25	18.11	38.9%
CRUDE OIL OUTRIGHTS	CSW	169	2	8329.5%	5	3271.8%	19	15.35	20.6%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	2.86	-100.0%	2	0	-
CRUDE OIL OUTRIGHTS	DBL	0	14.35	-100.0%	0	-	0	3.46	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0.22	109.1%	85.71	-99.5%	13	1.33	867.9%
CRUDE OIL OUTRIGHTS	HTT	2,423	2,697.22	-10.2%	1,740.95	39.2%	3,608	2,729.38	32.2%
CRUDE OIL OUTRIGHTS	LSW	101	0.65	15309.4%	31.48	219.3%	44	15.09	192.4%
CRUDE OIL OUTRIGHTS	WCW	66	142.52	-53.8%	121.9	-45.9%	114	186.92	-38.9%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	52	297.09	-82.3%	79.52	-34.0%	182	800.3	-77.2%
CRUDE OIL SPRDS	38	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	ANT	0	0	-	0	-	6	0	-
CRUDE OIL SPRDS	HIL	434	7.83	5444.4%	165.71	161.8%	154	4.27	3514.7%
CRUDE OIL SPRDS	WTT	477	874.3	-45.5%	578.24	-17.6%	1,075	1,022.39	5.1%
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	-
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	PNO	0	0	-	0	-	0	0	-
DAILY PJM	PNP	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	-

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DAILY PJM	ZGO	0	0	-	0	-	0	0	-
DAILY PJM	ZJO	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-	3	0	-
DATED TO FRONTLINE BRENT	FY	0	0	-	0	-	1	4.74	-75.6%
DOMINION TRAN INC - APP I	IH	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	PG	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	1	0	-
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	0	-	50	84.43	-40.2%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	1,782	925.74	92.5%	1,140.95	56.2%	1,615	481.68	235.3%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0.09	-100.0%
EIA FLAT TAX ONHWAY DIESE	A5	89	1.26	6983.7%	23.71	276.6%	44	16.05	173.0%
ELEC FINSETTLED	47	0	0	-	0	-	0	0	-
ELEC MISO PEAK	4L	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-	0	0	-
ETHANOL	MTH	1	0.43	109.1%	0.48	90.9%	0	0.24	20.0%
ETHANOL	Z1B	0	0	-	0	-	0	0	-
ETHANOL SWAP	MT2	4	5.22	-30.3%	7.14	-49.1%	7	4.22	61.6%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	205	269.7	-24.0%	139.52	47.0%	196	168.11	16.4%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-	0	0.01	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0.57	-100.0%	0	-	0	2.23	-86.2%
EURO 3.5% FUEL OIL SPREAD	FK	0	1.09	-100.0%	0	-	0	0.82	-87.2%
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-	0	0	-
EUROPE 1% FUEL OIL NWE CA	UF	0	5.13	-100.0%	0	-	0	3.05	-100.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-	0	1.82	-90.4%
EUROPE 3.5% FUEL OIL RDAM	UV	1	26.96	-98.0%	1.24	-55.9%	11	44.82	-74.9%
EUROPEAN GASOIL (ICE)	7F	0	6.09	-100.0%	0	-	1	5.42	-73.2%
EUROPEAN NAPHTHA BALMO	KZ	0	1.52	-100.0%	0	-	0	6.79	-94.2%
EUROPEAN NAPHTHA CRACK SPR	EN	46	59.7	-22.3%	11.24	313.0%	63	177.55	-64.7%
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	7.74	-95.7%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0.04	-100.0%
EUROPE NAPHTHA CALSWAP	UN	22	11.65	90.4%	16.05	38.2%	24	78.25	-69.7%
EURO PROPANE CIF ARA SWA	PS	58	79.13	-26.2%	88.57	-34.1%	78	90.15	-13.1%

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Energy Futures									
FREIGHT MARKETS	ACB	0	26.09	-100.0%	0	-	3	4.83	-27.9%
FREIGHT MARKETS	BF1	0	0	-	0	-	0	0	-
FREIGHT MARKETS	BF2	5	0	-	11.14	-55.1%	6	0	-
FREIGHT MARKETS	BF3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	6	3.57	78.5%	7.43	-14.3%	11	7.07	54.2%
FREIGHT MARKETS	FRC	0	14.78	-100.0%	0	-	0	7.83	-97.6%
FREIGHT MARKETS	FRS	0	0	-	0	-	0	0.33	-100.0%
FREIGHT MARKETS	T2D	1	49.78	-97.3%	1.19	14.5%	9	27.01	-68.1%
FREIGHT MARKETS	T7C	5	0	-	4.52	15.6%	1	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0.66	-100.0%
FREIGHT MARKETS	TD8	0	0	-	0	-	0	0.28	-100.0%
FREIGHT MARKETS	USC	0	0.43	-100.0%	0	-	0	1.33	-67.9%
FREIGHT MARKETS	USE	33	0	-	2.86	1053.4%	4	0	-
FUEL OIL CRACK VS ICE	FO	3	73.91	-95.7%	15.24	-79.1%	12	81.1	-84.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.07	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	0	0.03	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	3.91	-100.0%	0	-	0	7.25	-96.7%
GAS EURO-BOB OXY NWE BARGES	7H	32	58.91	-45.1%	31.1	4.1%	67	228.33	-70.6%
GAS EURO-BOB OXY NWE BARGES CRK	7K	127	229.83	-44.8%	101.81	24.7%	271	368.12	-26.3%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-	0	0.05	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.1	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	1	0.04	1467.4%	0	-	0	0.66	-28.1%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0.18	-100.0%
GASOIL CALENDAR SWAP	GX	1	0.78	33.6%	1.29	-18.7%	1	0.73	88.9%
GASOIL CRACK SPREAD CALEN	GZ	1	51.65	-98.2%	2.86	-66.6%	59	32.48	81.3%
GASOIL MINI CALENDAR SWAP	QA	21	48.96	-56.8%	16	32.1%	27	18.25	46.2%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	62.61	-100.0%	40	-100.0%	47	109.68	-57.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-	0	0	-
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-	0	1.42	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	88	123.96	-29.2%	148.1	-40.7%	168	168	-0.2%
GRP THREE UNL GS (PLT) VS	A8	94	123.7	-24.3%	57.62	62.5%	124	123.82	0.2%
GULF COAST 3% FUEL OIL BA	VZ	17	30.17	-43.5%	1.67	922.7%	14	40.4	-65.5%
GULF COAST JET FUEL CLNDR	GE	0	0	-	17.86	-100.0%	15	1.27	1080.9%
GULF COAST JET VS NYM 2 H	ME	685	589.22	16.3%	747.1	-8.3%	841	964.47	-12.8%

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Energy Futures									
GULF COAST NO.6 FUEL OIL	MF	228	724.74	-68.5%	281.86	-19.0%	533	1,070.6	-50.2%
GULF COAST NO.6 FUEL OIL	MG	0	34.57	-100.0%	0	-	2	11.55	-80.2%
GULF COAST ULSD CALENDAR	LY	87	4	2075.0%	21.05	313.3%	46	17.63	161.5%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	7	1.71	291.7%
HEATING OIL BALMO CLNDR S	1G	5	0	-	0	-	7	2.68	150.8%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.09	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	0	26.09	-100.0%	0	-	32	76.82	-58.8%
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-	0	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	26.09	-100.0%	0	-	40	76.82	-48.2%
HENRY HUB SWAP	NN	2,392	2,145.26	11.5%	1,910.38	25.2%	3,342	4,602.64	-27.4%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	3.49	-100.0%
ICE BRENT DUBAI SWAP	DB	20	251.48	-92.2%	51.67	-62.2%	156	261.66	-40.5%
INDIANA MISO	FAD	0	0	-	0	-	0	0	-
INDIANA MISO	FTD	0	0	-	0	-	0	0	-
INDIANA MISO	PDD	0	0	-	0	-	0	0	-
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDONESIAN COAL ICI4	ICI	9	2.83	221.7%	6.43	41.4%	9	16.02	-43.2%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-	1	0.93	-23.5%
JAPAN C&F NAPHTHA SWAP	JA	2	10.65	-85.9%	4.67	-67.9%	8	46.77	-83.1%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	1.58	-90.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-	0	0	-
JET CIF NWE VS ICE	JC	0	1.3	-100.0%	0	-	0	1.24	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0.63	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	50	191.09	-74.0%	110	-54.8%	83	197.03	-58.0%
JKM LNG Futures	JKM	257	174.35	47.3%	317.43	-19.1%	91	82.35	10.7%
LA CARB DIESEL (OPIS) SWA	KL	0	1.09	-100.0%	0	-	12	1.9	529.3%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	3	13.63	-78.3%
LA JET (OPIS) SWAP	JS	10	59.78	-82.9%	14.29	-28.4%	27	59.76	-55.1%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	11	68.3	-84.0%	5.71	90.9%	35	88.84	-60.8%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-	0	0.05	50.0%
MARS (ARGUS) VS WTI SWAP	YX	5	5.43	0.4%	0	-	12	68.98	-82.1%
MARS (ARGUS) VS WTI TRD M	YV	439	1,070.96	-59.0%	990.19	-55.6%	743	881.1	-15.7%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-	0	0	-

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Energy Futures									
MCCLOSKEY ARA ARGS COAL	MTF	1,067	1,630.3	-34.6%	927.81	15.0%	980	1,452.62	-32.6%
MCCLOSKEY RCH BAY COAL	MFF	22	124.26	-81.9%	27.86	-19.4%	46	110.99	-58.9%
MGF FUT	MGF	0	0.43	-100.0%	0	-	0	0.05	-100.0%
MGN1 SWAP FUT	MGN	1	0.43	109.1%	0	-	1	2.37	-46.0%
MICHIGAN BASIS	NF	0	0	-	0	-	0	0	-
MICHIGAN MISO	HMO	0	0	-	0	-	0	0	-
MICHIGAN MISO	HMW	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	15	0.87	1645.8%	0	-	4	9.46	-63.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	3.91	-100.0%	30.48	-100.0%	8	18.53	-56.8%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	38	42.26	-10.3%	21.43	76.9%	34	91.57	-63.0%
MJC FUT	MJC	0	0	-	0	-	0	0.71	-100.0%
MNC FUT	MNC	16	71.3	-77.1%	30.86	-47.0%	52	163.87	-68.3%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,672	673.09	148.4%	1,909.48	-12.4%	1,256	765.63	64.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	32	1.3	2374.3%	64.52	-50.0%	16	6.61	148.4%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	7,728	6,253.09	23.6%	7,057.43	9.5%	8,151	6,882.67	18.4%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	172	83.26	107.0%	76.86	124.3%	110	136.43	-19.5%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	533	448.48	18.8%	626.48	-14.9%	1,411	399.15	253.5%
MONT BELVIEU NATURAL GASOLINE BALM	R0	16	32.48	-51.0%	59.29	-73.2%	44	30.67	43.1%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	3,071	2,091.78	46.8%	2,944.57	4.3%	3,208	2,238.98	43.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	86	60.65	42.2%	65.14	32.4%	65	61.56	4.9%
NAT GAS BASIS SWAP	TZ6	0	0	-	0	-	0	0	-
NATURAL GAS PEN SWP	NP	6,014	875.35	587.1%	1,866.62	222.2%	3,057	1,401.49	118.1%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	66	339.34	-80.5%
NEPOOL INTR HUB 5MW D AH	U6	0	9.57	-100.0%	0	-	4	1.04	249.1%
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	6	47.61	-87.1%	27.14	-77.4%	32	37.76	-14.4%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-
NGPL MID-CONTINENT	NL	0	0	-	0	-	0	8.34	-100.0%
NGPL TEX/OK	PD	0	0	-	0	-	0	12.78	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	4.35	-100.0%	0	-	1	4.38	-75.7%
NORTHERN NATURAL GAS DEMAR	PE	0	0	-	0	-	0	0	-

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Energy Futures									
NORTHERN NATURAL GAS VENTU	PF	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-	0	14.72	-100.0%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	0	16.74	-100.0%	0	-	12	22.19	-45.2%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	-	0	-	0	3.67	-100.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0.12	-100.0%
NY HARBOR HEAT OIL SWP	MP	74	154.3	-52.4%	93.57	-21.5%	151	105.7	43.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	1.85	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	9	30.87	-71.3%	14.29	-38.0%	35	33.47	3.8%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-	0	0	-
NYH NO 2 CRACK SPREAD CAL	HK	0	39.13	-100.0%	18.57	-100.0%	37	23.82	54.7%
NYISO CAPACITY	LHV	0	0	-	0	-	0	2.94	-100.0%
NYISO CAPACITY	NNC	0	0	-	0	-	0	0	-
NYISO CAPACITY	NRS	0	0	-	0	-	0	0.28	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	D2	0	0	-	0	-	0	480.68	-100.0%
NYISO ZONE G 5MW D AH PK	T3	0	9.57	-100.0%	0	-	0	39.78	-100.0%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-	0	0	-
NYISO ZONE J 5MW D AH PK	D3	0	0	-	0	-	0	0	-
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	UY	0	23.91	-100.0%	0	-	3	9.48	-65.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	1	51.09	-98.8%	44.76	-98.7%	23	13.13	77.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	0	8.82	-100.0%
ONTARIO POWER SWAPS	OPD	0	0	-	0	-	0	0.12	-100.0%
ONTARIO POWER SWAPS	OPM	0	0	-	0	-	0	0.47	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	0	-
PETROCHEMICALS	22	9	8.7	1.4%	5.9	49.3%	6	8.17	-27.9%
PETROCHEMICALS	32	2	5.17	-71.0%	3.1	-51.5%	3	4.97	-30.4%
PETROCHEMICALS	3NA	0	0	-	0.1	186.4%	0	0.23	-30.6%
PETROCHEMICALS	51	0	0.09	-100.0%	0	-	0	0.37	-73.4%
PETROCHEMICALS	81	0	0	-	0	-	0	0	-
PETROCHEMICALS	8I	30	34.96	-15.5%	17.86	65.5%	42	31.36	33.6%
PETROCHEMICALS	91	20	22.74	-10.4%	11.57	76.0%	16	23.59	-34.0%

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Energy Futures									
PETROCHEMICALS	MAA	0	0	-	11.43	-100.0%	6	1.33	362.5%
PETROCHEMICALS	MAE	28	6.96	298.6%	29.05	-4.5%	34	17.35	95.1%
PETROCHEMICALS	MAS	11	9.04	25.7%	10	13.6%	14	10.63	34.5%
PETROCHEMICALS	MBE	5	11.3	-51.7%	4.29	27.3%	10	15.47	-35.7%
PETROCHEMICALS	MNB	0	3.7	-100.0%	0.95	-100.0%	8	29.1	-72.4%
PETROCHEMICALS	MPS	10	5.78	65.9%	7.1	35.2%	17	10.43	60.9%
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-	0	0.24	-100.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STS	3	0	-	0	-	2	1.57	13.0%
PETRO CRCKS & SPRDS NA	CRB	660	301.3	119.0%	671.1	-1.7%	794	326.14	143.5%
PETRO CRCKS & SPRDS NA	EXR	27	63.7	-56.9%	45.19	-39.2%	51	113.84	-55.6%
PETRO CRCKS & SPRDS NA	FOC	5	4.35	4.5%	0	-	0	17.87	-97.3%
PETRO CRCKS & SPRDS NA	GBB	6	12.22	-51.6%	0	-	18	28.43	-37.1%
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	-	2	0	-
PETRO CRCKS & SPRDS NA	GCI	5	35.57	-87.2%	18.57	-75.5%	28	57.99	-51.9%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	1.42	-100.0%
PETRO CRCKS & SPRDS NA	GCU	12	167.13	-92.7%	9.71	25.4%	73	150.84	-51.5%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	0	0.47	-100.0%
PETRO CRCKS & SPRDS NA	HOB	21	46.7	-54.7%	5	322.7%	43	84.03	-49.4%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	0	0.36	-100.0%
PETRO CRCKS & SPRDS NA	RBB	66	109.7	-39.4%	31	114.4%	154	329.97	-53.4%
PETRO CRCKS & SPRDS NA	RVG	166	589.35	-71.9%	165.48	0.1%	277	636.88	-56.4%
PETRO CRCKS & SPRDS NA	SF3	0	1.74	-100.0%	0	-	0	5.19	-99.1%
PETRO CRK&SPRD EURO	1NB	0	20.65	-100.0%	0	-	15	50.04	-70.8%
PETRO CRK&SPRD EURO	43	0	0	-	0	-	0	0.73	-71.6%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0.28	-100.0%
PETRO CRK&SPRD EURO	BOB	0	2.17	-100.0%	0.71	-100.0%	2	24.29	-92.1%
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0.11	34.8%
PETRO CRK&SPRD EURO	EPN	17	17.61	-4.0%	17.05	-0.8%	19	26.56	-28.8%
PETRO CRK&SPRD EURO	EVC	0	42.43	-100.0%	0	-	1	31.31	-96.9%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-	0	0.28	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	0.43	-100.0%	0	-	0	2.5	-91.7%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MGB	0	1.74	-100.0%	0	-	0	0.76	-100.0%

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MUD	0	0.87	-100.0%	0	-	1	0.62	0.0%
NBB	0	0	-	0	-	0	0.27	-91.4%
NOB	0	1.57	-100.0%	0.57	-100.0%	2	16.28	-88.4%
SFB	0	0	-	0	-	0	0.27	-100.0%
1NM	5	1.3	248.5%	0.95	377.3%	5	3.64	41.1%
EWG	2	68.48	-96.7%	3.57	-36.4%	22	104.76	-78.5%
H5F	3	0	-	0	-	15	0	-
JCC	10	0	-	0	-	12	3.41	248.6%
MME	0	0	-	0	-	1	0	-
NCC	0	0	-	0	-	0	0.05	-100.0%
R5E	0	0	-	0	-	0	0	-
R5F	1	0.17	396.6%	0.62	39.5%	1	0.09	589.9%
S53	0	0.22	-100.0%	0	-	0	0.27	-26.8%
UCS	0	0	-	3.1	-100.0%	0	0	-
UP5	0	0.78	-100.0%	0	-	0	0.4	-100.0%
VU	13	5.43	146.7%	3.57	275.5%	7	2.44	180.2%
E6M	0	0.87	-100.0%	0.24	-100.0%	0	0.7	-46.0%
MJN	5	17.39	-73.9%	8.1	-43.8%	33	65.31	-49.3%
MSB	0	0	-	0	-	0	0.09	-100.0%
0B	0	6.96	-100.0%	0	-	0	2.14	-77.8%
0C	0	0	-	0	-	0	0.21	-100.0%
0D	3	33.3	-91.9%	3.57	-24.9%	12	63.54	-81.2%
0E	0	0.43	-100.0%	0	-	0	0.64	-100.0%
0F	2	4.96	-63.3%	0	-	3	16.58	-82.5%
1T	0	0	-	0	-	0	0.04	-100.0%
5L	0	0	-	0	-	0	1.08	-71.9%
63	0	1.3	-100.0%	0	-	0	0.51	-81.3%
7I	1	9.57	-88.1%	0	-	1	4.45	-85.6%
7R	1	1.7	-70.5%	1.05	-52.3%	1	6.05	-90.0%
88	0	0.26	-100.0%	0	-	0	0.15	-100.0%
CBB	0	1.52	-85.1%	0	-	0	0.24	40.0%
CGB	0	0	-	0.71	-100.0%	0	0.09	10.0%
CPB	7	5.43	22.9%	9.05	-26.1%	9	10.07	-12.7%
EFF	0	0	-	0	-	0	0.82	-76.7%
EFM	0	0	-	0	-	0	0.15	-100.0%

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Energy Futures									
PETRO OUTRIGHT EURO	ENS	0	0	-	0	-	0	0.77	-100.0%
PETRO OUTRIGHT EURO	EWN	0	7.74	-100.0%	0	-	1	19.93	-95.4%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-	0	0.03	-100.0%
PETRO OUTRIGHT EURO	GNO	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	H5G	0	3.26	-100.0%	0	-	1	1.61	-20.4%
PETRO OUTRIGHT EURO	JFB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	M1B	30	21.17	43.8%	52.52	-42.0%	32	4.48	615.8%
PETRO OUTRIGHT EURO	M35	0	0.22	-100.0%	0	-	0	0.11	-100.0%
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	MBN	5	6.91	-27.7%	20.95	-76.1%	15	15.27	-4.8%
PETRO OUTRIGHT EURO	MEF	9	6.22	42.6%	9.05	-2.0%	7	15.55	-56.9%
PETRO OUTRIGHT EURO	R53	0	1	-100.0%	0	-	1	0.51	46.7%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	R5M	15	13.96	6.5%	17	-12.6%	19	6.55	185.4%
PETRO OUTRIGHT EURO	R5O	53	42.17	24.8%	54.38	-3.2%	41	10.21	302.4%
PETRO OUTRIGHT EURO	RBM	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	S5B	0	0	-	0.19	-100.0%	0	0	-
PETRO OUTRIGHT EURO	S5F	1	2.96	-52.3%	8.19	-82.8%	5	0.52	844.9%
PETRO OUTRIGHT EURO	S5M	64	19.91	221.6%	68	-5.8%	70	6.01	1069.3%
PETRO OUTRIGHT EURO	S5O	34	10.22	231.0%	61.76	-45.2%	35	1.51	2207.6%
PETRO OUTRIGHT EURO	SMU	0	5.43	-100.0%	0	-	0	4.03	-100.0%
PETRO OUTRIGHT EURO	T0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	T2B	0	0	-	0	-	0	0.07	33.3%
PETRO OUTRIGHT EURO	TMB	0	0	-	0	-	0	0.24	-100.0%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	0	-	1	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	AB6	20	0	-	1.05	1809.1%	5	0	-
PETRO OUTRIGHT NA	BCR	32	0	-	4.76	577.7%	10	0	-
PETRO OUTRIGHT NA	DBB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	FCB	0	0	-	0	-	0	2.02	-100.0%
PETRO OUTRIGHT NA	H5B	0	0	-	0	-	9	0	-
PETRO OUTRIGHT NA	JE	0	0	-	0	-	4	1.14	256.3%
PETRO OUTRIGHT NA	JET	4	122.83	-96.7%	16.67	-75.5%	33	113.53	-70.7%
PETRO OUTRIGHT NA	JTB	4	23.83	-82.8%	0	-	10	34.71	-71.3%

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Energy Futures									
PETRO OUTRIGHT NA	MBL	0	3.04	-100.0%	0	-	1	1.3	-50.0%
PETRO OUTRIGHT NA	MEN	0	9.78	-100.0%	0	-	3	7.96	-66.8%
PETRO OUTRIGHT NA	MEO	64	62.22	2.1%	42.33	50.0%	58	106.58	-45.3%
PETRO OUTRIGHT NA	MFD	0	1.87	-100.0%	0	-	0	1.6	-88.8%
PETRO OUTRIGHT NA	MMF	0	1.04	-100.0%	0	-	0	3.88	-91.5%
PJM AD HUB 5MW REAL TIME	V3	0	0	-	0	-	0	555.36	-100.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	-	0	-	0	12.13	-100.0%
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	E3	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH O PK	D9	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH PK	D8	0	0	-	0	-	0	0	-
PJM DAILY	JD	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-	0	0	-
PJM DAYTON DA PEAK	D7	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	B3	0	0	-	0	-	0	18.22	-100.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	-	0	-	0	331.75	-100.0%
PJM NILL DA OFF-PEAK	L3	0	0	-	0	-	0	0	-
PJM NILL DA PEAK	N3	0	0	-	0	-	0	0	-
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-	0	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY A	4N	0	0	-	0	-	0	0	-
PJM PSEG DA OFF-PEAK	W6	0	0	-	0	-	0	0	-
PJM PSEG DA PEAK	L6	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	0	-	0	-	0	0	-
PJM WESTHDA PEAK	J4	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	N9	0	0	-	0	-	0	223.22	-100.0%
PJM WESTH RT PEAK	L1	0	189.35	-100.0%	0	-	75	254.18	-70.5%
PLASTICS	PGP	36	34.87	3.5%	57.95	-37.7%	52	34.18	52.0%
PREMIUM UNLD 10P FOB MED	3G	0	0	-	0	-	1	3.97	-81.1%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	-	0	-	0	0.66	-100.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.09	-100.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	-	0	-	0	0.17	-100.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	148	81.35	81.8%	65.14	127.1%	83	69.54	19.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	1,289	1,057.83	21.8%	1,401.67	-8.1%	1,164	901.47	29.2%
RBOB CALENDAR SWAP	RL	188	182.17	2.9%	340.43	-44.9%	264	271.06	-2.8%
RBOB CRACK SPREAD	RM	19	59.13	-68.1%	26.19	-28.0%	54	54.5	-1.8%

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Energy Futures									
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0.12	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	14	8.61	60.5%	14.05	-1.6%	27	41.79	-36.5%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	9	3.26	178.8%	17.86	-49.1%	27	0.71	3676.7%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	XX	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	0	0.91	-100.0%	0	-	0	1.09	-82.2%
SINGAPORE 380CST BALMO	BT	0	0.74	-100.0%	0	-	0	3.87	-95.2%
SINGAPORE 380CST FUEL OIL	SE	10	73.17	-85.8%	2.81	268.9%	11	132.36	-91.8%
SINGAPORE FUEL 180CST CAL	UA	0	2.74	-100.0%	0.86	-100.0%	1	11.03	-90.8%
SINGAPORE FUEL OIL SPREAD	SD	0	1.91	-100.0%	0	-	0	3.03	-87.5%
SINGAPORE GASOIL	MAF	7	103.13	-93.2%	6.19	13.8%	10	95.66	-90.0%
SINGAPORE GASOIL	MTB	0	8.09	-100.0%	0	-	0	3.04	-90.3%
SINGAPORE GASOIL	MTS	6	110.7	-94.8%	6.05	-5.3%	16	173.36	-90.9%
SINGAPORE GASOIL	SBM	4	0	-	2.71	32.3%	2	0	-
SINGAPORE GASOIL	STZ	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-	0	1.28	-100.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	MSG	7	10.17	-33.9%	16.95	-60.3%	34	8.38	308.0%
SINGAPORE GASOIL SWAP	SG	26	21.91	17.6%	28.1	-8.3%	40	43.82	-7.6%
SINGAPORE GASOIL VS ICE	GA	0	4.48	-100.0%	0	-	1	21.77	-93.9%
SINGAPORE JET KERO BALMO	BX	0	2.17	-100.0%	0	-	2	0.24	589.9%
SINGAPORE JET KERO GASOIL	RK	26	0	-	0	-	3	0.47	475.0%
SINGAPORE JET KEROSENE SW	KS	3	44.13	-93.3%	35.71	-91.7%	29	28.46	3.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	1	7.11	-88.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	115.39	-100.0%	0	-	115	418.59	-72.5%
SING FUEL	MSD	0	0.22	-100.0%	0	-	0	0.02	-100.0%
Sumas Basis Swap	NK	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	8.26	-100.0%	0	-	0	11.52	-98.1%
TC5 RAS TANURA TO YOKOHAM	TH	0	2.61	-100.0%	0	-	1	16.12	-95.9%
TCO BASIS SWAP	TC	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	TL	120	420.17	-71.6%	100.95	18.4%	105	265.14	-60.3%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-	5	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	-	0	-	0	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-	0	0	-

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Energy Futures									
UCM FUT	UCM	0	0	-	0	-	0	0.09	-100.0%
UK NBP NAT GAS CAL MTH FUT	UKG	1	15.87	-91.4%	7.14	-80.9%	11	28.64	-61.3%
ULSD UP-DOWN BALMO SWP	1L	136	482.83	-71.8%	206.9	-34.3%	245	266.97	-8.1%
UP DOWN GC ULSD VS NMX HO	LT	1,659	2,177.61	-23.8%	2,073.81	-20.0%	2,197	1,616.58	35.9%
WAHA BASIS	NW	0	0	-	0	-	0	3.08	-100.0%
WTI-BRENT BULLET SWAP	BY	0	21.91	-100.0%	0	-	0	9.26	-100.0%
WTI-BRENT CALENDAR SWAP	BK	956	1,724.3	-44.5%	1,399.62	-31.7%	1,769	1,717.75	3.0%
WTI CALENDAR	CS	2,224	1,905.78	16.7%	1,251.62	77.7%	2,835	1,907.09	48.7%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	1	0	-
WTS (ARGUS) VS WTI SWAP	FF	81	268.04	-69.9%	158.57	-49.1%	261	211.83	23.4%
WTS (ARGUS) VS WTI TRD MT	FH	46	26.96	70.0%	20	129.1%	58	33.91	72.1%

Energy Options

BRENT CALENDAR SWAP	BA	0	0	-	0	-	36	18.06	97.6%
BRENT CRUDE OIL 1 M CSO	9C	0	26.09	-100.0%	0	-	169	169.62	-0.6%
BRENT OIL LAST DAY	BE	1,611	460.87	249.5%	1,517	6.2%	1,724	1,623.58	6.2%
BRENT OIL LAST DAY	BZO	2,944	3,425.91	-14.1%	1,542.9	90.8%	2,297	4,537.67	-49.4%
BRENT OIL LAST DAY	OS	0	0	-	1.19	-100.0%	0	0	-
COAL API2 INDEX	CLA	0	0.43	-100.0%	0	-	0	1.07	-100.0%
COAL API2 INDEX	CQA	0	0	-	0	-	0	3.96	-100.0%
CRUDE OIL	6Y	0	0	-	0	-	0	0.71	-100.0%
CRUDE OIL 1MO	WA	6,714	6,333.74	6.0%	2,573.81	160.8%	9,104	10,642	-14.5%
CRUDE OIL APO	AO	1,714	1,055.96	62.3%	922.14	85.9%	2,425	2,061.74	17.6%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0.95	-75.0%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-	0	4.55	-100.0%
CRUDE OIL PHY	CD	0	0	-	0	-	9	6.16	42.3%
CRUDE OIL PHY	LC	59	605.22	-90.2%	305.52	-80.7%	512	501.02	2.2%
CRUDE OIL PHY	LO	106,371	106,976.22	-0.6%	104,108.52	2.2%	120,890	129,509.11	-6.7%
CRUDE OIL PHY	LO1	342	924.83	-63.0%	534.81	-36.0%	826	742	11.3%
CRUDE OIL PHY	LO2	325	556.7	-41.6%	322.19	0.9%	492	663.27	-25.9%
CRUDE OIL PHY	LO3	165	244.09	-32.4%	266.9	-38.2%	517	470.08	10.0%
CRUDE OIL PHY	LO4	467	595.65	-21.5%	542.24	-13.8%	840	756.21	11.0%
CRUDE OIL PHY	LO5	528	36.7	1337.5%	0	-	282	232.03	21.6%

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Energy Options									
ELEC FINSETTLED	PJN	0	0	-	2.05	-100.0%	0	0	-
ETHANOL SWAP	CVR	245	418.91	-41.5%	320.43	-23.5%	221	521.14	-57.7%
ETHANOL SWAP	GVR	0	0	-	0	-	3	3.7	-23.1%
FREIGHT MARKETS	TDT	0	0	-	0	-	0	8.53	-100.0%
HEATING OIL PHY	LB	9	4.35	113.3%	10.9	-15.0%	17	9.49	76.2%
HEATING OIL PHY	OH	619	1,069.13	-42.1%	524.9	17.8%	641	1,338.63	-52.1%
HENRY HUB FINANCIAL LAST	E7	474	238.22	98.8%	384.67	23.1%	344	299.33	15.0%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	0	10.19	-95.3%
LLS CRUDE OIL	WJO	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WTO	0	0	-	66.67	-100.0%	7	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	2.17	-100.0%	0	-	28	0.85	3135.3%
MCCLOSKEY RCH BAY COAL	MFO	2	7.83	-71.0%	0	-	2	5.21	-56.8%
NATURAL GAS 1 M CSO FIN	G4	6,800	5,952.22	14.2%	9,328.19	-27.1%	4,957	3,571.34	38.8%
NATURAL GAS 2 M CSO FIN	G2	86	26.09	231.1%	57.14	51.1%	67	29.5	128.1%
NATURAL GAS 3 M CSO FIN	G3	0	39.13	-100.0%	3,022.38	-100.0%	2,281	1,068.84	113.4%
NATURAL GAS 5 M CSO FIN	G5	0	82.61	-100.0%	0	-	54	22.51	141.1%
NATURAL GAS 6 M CSO FIN	G6	0	717.39	-100.0%	47.62	-100.0%	703	303.44	131.6%
NATURAL GAS OPT	TFO	1,281	0	-	351.43	264.6%	1,016	0	-
NATURAL GAS OPTION ON CALENDAR STR	6J	196	166.09	18.2%	161.9	21.3%	127	122.37	3.9%
NATURAL GAS PHY	KD	79	447.61	-82.3%	102.38	-22.5%	186	194.18	-4.4%
NATURAL GAS PHY	LN	125,553	88,058.87	42.6%	129,125.1	-2.8%	114,224	73,246.62	55.9%
NATURAL GAS PHY	ON	4,543	6,035.87	-24.7%	6,806.67	-33.2%	6,064	5,891.34	2.9%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	2	0	-
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-	3	7.11	-60.0%
N ROCKIES PIPE SWAP	ZR	0	7.91	-100.0%	0	-	0	20.63	-100.0%
NY HARBOR HEAT OIL SWP	AT	39	318.87	-87.8%	54.62	-28.7%	81	124.74	-34.8%
PETROCHEMICALS	4H	0	0.7	-100.0%	2	-100.0%	3	22.96	-86.6%
PETROCHEMICALS	4J	0	0	-	0	-	3	0.95	215.0%
PETROCHEMICALS	4K	25	0	-	0	-	3	2.65	-3.6%
PETROCHEMICALS	CPR	0	0	-	0	-	1	0.19	215.0%
PETRO OUTRIGHT EURO	BCO	0	0.52	-100.0%	0	-	0	0.17	-83.4%
PETRO OUTRIGHT NA	1N5	0	0	-	0	-	1	0	-
PETRO OUTRIGHT NA	DAP	4	0	-	2.86	43.2%	6	1.99	206.0%
PJM WES HUB PEAK CAL MTH	6OA	0	8.26	-100.0%	0	-	4	4.03	-9.4%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	3.96	-100.0%

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Energy Options									
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-	0	0.71	-100.0%
RBOB CALENDAR SWAP	RA	49	3.26	1405.4%	2.38	1961.8%	10	2.73	275.2%
RBOB CRACK	RX	0	0	-	0	-	0	0	-
RBOB PHY	OB	318	260.26	22.2%	368.76	-13.7%	393	670.28	-41.3%
RBOB PHY	RF	1	0	-	0	-	5	7.7	-35.8%
SAN JUAN PIPE SWAP	PJ	0	39.57	-100.0%	0	-	0	18.39	-100.0%
SHORT TERM	U11	0	0	-	2.38	-100.0%	1	3.32	-78.6%
SHORT TERM	U12	9	0	-	0	-	3	7.01	-59.5%
SHORT TERM	U13	0	0	-	0	-	3	0.71	300.0%
SHORT TERM	U14	0	0	-	0	-	1	0.71	33.3%
SHORT TERM	U15	0	0	-	4.76	-100.0%	3	6.04	-45.1%
SHORT TERM	U22	0	0	-	0	-	0	0	-100.0%
SHORT TERM	U23	2	0	-	0	-	1	0.55	28.2%
SHORT TERM	U24	0	0	-	0	-	0	1.18	-80.0%
SHORT TERM	U26	0	0	-	0	-	0	0.47	-100.0%
SHORT TERM NATURAL GAS	U01	0	5.43	-100.0%	0	-	2	3.08	-23.1%
SHORT TERM NATURAL GAS	U02	5	0	-	2.38	90.9%	3	0.83	214.3%
SHORT TERM NATURAL GAS	U03	0	0	-	9.52	-100.0%	3	3.34	-7.7%
SHORT TERM NATURAL GAS	U04	0	13.04	-100.0%	4.76	-100.0%	6	4.27	50.0%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	2	1.18	40.0%
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	0	2.39	-80.2%
SHORT TERM NATURAL GAS	U07	2	0	-	0	-	3	3.08	-7.7%
SHORT TERM NATURAL GAS	U08	2	8.7	-73.9%	0	-	2	12.56	-84.9%
SHORT TERM NATURAL GAS	U09	9	4.35	109.1%	2.38	281.8%	1	3.32	-64.3%
SHORT TERM NATURAL GAS	U10	0	17.39	-100.0%	4.76	-100.0%	2	5.45	-60.9%
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	0	1.18	-60.0%
SHORT TERM NATURAL GAS	U17	0	13.04	-100.0%	0	-	2	2.13	-27.8%
SHORT TERM NATURAL GAS	U18	0	0	-	2.38	-100.0%	1	0.59	20.0%
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	1	0.47	175.0%
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	1	1.42	0.0%
SHORT TERM NATURAL GAS	U21	0	0	-	0	-	1	0.24	299.9%
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	3	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	3	2.01	41.2%
SHORT TERM NATURAL GAS	U29	0	0	-	2.38	-100.0%	5	0.47	850.1%
SHORT TERM NATURAL GAS	U30	0	0	-	2.38	-100.0%	5	2.84	79.2%

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Energy Options

SHORT TERM NATURAL GAS	U31	0	8.7	-100.0%	0	-	1	6.64	-89.3%
WTI-BRENT BULLET SWAP	BV	1,555	972.83	59.8%	645.71	140.7%	2,298	2,527.51	-9.1%
WTI CRUDE OIL 1 M CSO FI	7A	5,069	3,663.04	38.4%	3,248.57	56.0%	4,216	2,544.64	65.7%

Ag Products Futures

COCOA TAS	CJ	0	0	-	0	-	0	0.04	-100.0%
COFFEE	KT	0	0	-	0	-	0	0	-
COTTON	TT	1	0.09	1310.7%	0.19	544.3%	0	0.18	50.0%
SUGAR 11	YO	0	0	-	0	-	0	0.05	0.0%

TOTAL FUTURES GROUP

Ag Products Futures		1	0.09	1310.7%	0.19	544.3%	0	0.27	23.2%
Energy Futures		1,702,913	2,058,730.65	-17.3%	1,746,606.95	-2.5%	2,209,669	2,169,359.59	1.9%
Metals Futures		475,230	562,808.17	-15.6%	675,310.81	-29.6%	647,878	587,783.64	10.2%
TOTAL FUTURES		2,178,144	2,621,538.91	-16.9%	2,421,917.95	-10.1%	2,857,547.83	2,757,143.49	3.6%

TOTAL OPTIONS GROUP

Energy Options		268,217	229,854.74	16.7%	267,312.67	0.3%	278,150	244,629.87	13.7%
Metals Options		53,495	70,096	-23.7%	58,769.24	-9.0%	73,729	81,561.53	-9.6%
TOTAL OPTIONS		321,712	299,950.74	7.3%	326,081.9	-1.3%	351,879.8	326,191.4	7.9%

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Commodity	ADV OCT 2020	ADV OCT 2019	% CHG	ADV SEP 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
TOTAL COMBINED								
Metals	528,725	632,904.17	-16.5%	734,080.05	-28.0%	721,608	669,345.17	7.8%
Energy	1,971,130	2,288,585.39	-13.9%	2,013,919.62	-2.1%	2,487,820	2,413,989.46	3.1%
Ag Products	1	0.09	1310.7%	0.19	544.3%	0	0.27	23.2%
GRAND TOTAL	2,499,856	2,921,489.65	-14.4%	2,747,999.86	-9.0%	3,209,427.63	3,083,334.89	4.1%