

NYMEX/COMEX Exchange ADV Report - Monthly

November 2020

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Commodity		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	
		NOV 2020	NOV 2019		OCT 2020		Y.T.D 2020	Y.T.D 2019		
Metals Futures										
COMEX GOLD	GC	308,854	446,370.9	-30.8%	211,149.64	46.3%	320,745	351,145.2	-8.7%	
NYMEX HOT ROLLED STEEL	HR	960	519.8	84.6%	1,037.41	-7.5%	881	712.83	23.6%	
NYMEX PLATINUM	PL	13,880	19,983.5	-30.5%	12,324.55	12.6%	17,798	22,831.57	-22.0%	
PALLADIUM	PA	2,969	6,563.75	-54.8%	1,574.73	88.6%	2,839	5,124.03	-44.6%	
URANIUM	UX	0	0	-	0.05	-100.0%	8	45.89	-82.5%	
COMEX SILVER	SI	106,984	116,714.4	-8.3%	74,801.23	43.0%	105,821	97,863.3	8.1%	
COMEX E-Mini GOLD	QO	1,317	1,140.55	15.5%	705.41	86.7%	1,569	977.5	60.5%	
COMEX E-Mini SILVER	QI	265	124.2	113.1%	271.5	-2.5%	433	205.76	110.2%	
COMEX COPPER	HG	110,724	105,832.8	4.6%	83,508.05	32.6%	98,554	96,723.56	1.9%	
COMEX MINY COPPER	QC	107	24.85	331.0%	107	0.1%	52	30.86	67.0%	
ALUMINUM	A38	0	0	-	0	-	0	0.1	-100.0%	
ALUMINUM	AEP	87	372.6	-76.7%	230	-62.3%	159	126.99	25.5%	
ALUMINUM	ALA	10	12.1	-17.4%	16.36	-38.9%	8	5.03	55.7%	
ALUMINUM	ALI	123	148.15	-16.8%	127.27	-3.2%	178	56.01	217.6%	
ALUMINUM	AUP	271	591.55	-54.3%	311.68	-13.2%	451	322.26	39.8%	
ALUMINUM	CUP	0	0	-	0	-	0	0	-	
ALUMINUM	EDP	141	228.8	-38.4%	96.91	45.5%	173	113.99	51.9%	
ALUMINUM	MJP	32	12	166.7%	35.45	-9.7%	48	45.5	6.1%	
COPPER	HGS	65	29.1	122.0%	79.27	-18.5%	143	42.95	232.5%	
FERROUS PRODUCTS	BUS	193	57.9	232.7%	56.59	240.4%	101	52.37	93.6%	
GOLD	4GC	5	0	-	0.91	455.5%	3	0	-	
GOLD	SGC	47	220.85	-78.9%	46.23	0.9%	78	60.61	29.1%	
GOLD	SGU	167	763.2	-78.1%	183.23	-8.8%	253	92.42	173.9%	
HOT ROLLED COIL STEEL FUTURES	EHR	80	0	-	54.55	46.7%	25	0	-	
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-	0	0	-	
IRON ORE 62 CHINA TSI FUTURES	TIO	0	95.95	-100.0%	0	-	63	227.55	-72.4%	
IRON ORE CHINA	TIO	71	0	-	48.55	46.0%	30	0	-	
LNDN ZINC	ZNC	0	0	-	0	-	0	5.32	-100.0%	
METALS	HDG	0	0	-	0	-	0	0	-	
MICRO GOLD	MGC	79,434	34,602.15	129.6%	77,293.41	2.8%	87,375	22,488.82	288.5%	
SILVER	SIL	11,931	2,726.8	337.5%	11,169.59	6.8%	9,296	1,414.13	557.4%	
Metals Options										
ALUMINUM	ALO	0	0	-	0	-	1	0	-	

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Metals Options										
COMEX COPPER	HX	1,312	2,849.75	-54.0%	920.86	42.4%	1,753	2,818.86	-37.8%	
COMEX GOLD	OG	49,877	47,536	4.9%	39,885.27	25.1%	54,637	61,414.22	-11.0%	
COMEX SILVER	SO	7,633	8,034.9	-5.0%	6,284.09	21.5%	9,077	8,867.36	2.4%	
COPPER	H1E	0	9.25	-100.0%	0	-	5	2.79	68.2%	
COPPER	H2E	0	7	-97.1%	0.09	120.0%	3	4.06	-26.2%	
COPPER	H3E	0	1.9	-100.0%	0	-	3	4.42	-27.4%	
COPPER	H4E	0	2.55	-100.0%	0	-	2	1.56	2.8%	
COPPER	H5E	0	25.3	-100.0%	0	-	3	2.61	14.8%	
GOLD	OG1	1,978	1,133.5	74.5%	651.82	203.5%	1,686	1,959.9	-14.0%	
GOLD	OG2	2,455	2,062.2	19.0%	1,424.14	72.4%	1,852	1,797.57	3.0%	
GOLD	OG3	1,241	2,366.65	-47.6%	1,235.77	0.4%	1,539	1,484.64	3.7%	
GOLD	OG4	1,084	1,095.6	-1.0%	1,171.55	-7.5%	1,333	977.18	36.4%	
GOLD	OG5	0	1,053.5	-100.0%	1,535.59	-100.0%	540	361.24	49.5%	
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-	0	4.55	-92.9%	
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	7.5	-100.0%	0	-	0	0.65	-100.0%	
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	-	0	-	16	29.57	-45.2%	
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	-	0	-	27	15.58	76.4%	
IRON ORE CHINA	ICT	0	0	-	3.64	-100.0%	2	0	-	
NYMEX HOT ROLLED STEEL	HRO	8	0	-	10.23	-26.7%	4	0	-	
NYMEX PLATINUM	PO	17	103.7	-83.7%	61.05	-72.2%	116	161.3	-28.1%	
PALLADIUM	PAO	12	65.4	-82.1%	4.64	152.3%	30	59.21	-49.7%	
SILVER	SO1	103	76.75	33.7%	31.73	223.5%	117	94.22	24.2%	
SILVER	SO2	90	155.25	-42.0%	76.55	17.7%	109	90.29	20.9%	
SILVER	SO3	53	114.8	-53.9%	81.68	-35.2%	94	78.18	19.6%	
SILVER	SO4	20	36.35	-45.3%	49.55	-59.8%	69	30.68	124.4%	
SILVER	SO5	0	69.3	-100.0%	67	-100.0%	33	23.46	39.2%	
Energy Futures										
CRUDE OIL PHY	CL	884,013	953,307.45	-7.3%	775,590.64	14.0%	1,120,113	1,178,087.08	-4.9%	
CRUDE OIL	WS	500	0	-	454.55	10.0%	136	72.27	88.2%	
MINY WTI CRUDE OIL	QM	15,014	17,947.55	-16.3%	13,954.14	7.6%	28,379	22,343.9	27.0%	
BRENT OIL LAST DAY	BZ	91,058	87,079	4.6%	75,393.14	20.8%	105,942	103,185.49	2.7%	

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Energy Futures									
HEATING OIL PHY	HO	171,020	198,689.3	-13.9%	168,847.23	1.3%	177,607	171,792.68	3.4%
HTG OIL	BH	0	0	-	0	-	0	0.42	12.5%
MINY HTG OIL	QH	0	0.2	-25.0%	0.36	-58.7%	0	0.16	52.8%
RBOB PHY	RB	169,300	179,285.2	-5.6%	165,231.23	2.5%	186,381	200,926.35	-7.2%
MINY RBOB GAS	QU	0	0.3	33.3%	0.45	-12.0%	0	0.3	13.1%
NATURAL GAS	HP	6,582	4,842.8	35.9%	7,495.41	-12.2%	7,454	5,391.71	38.3%
LTD NAT GAS	HH	14,808	14,578.8	1.6%	18,633.14	-20.5%	12,874	14,340.51	-10.2%
MINY NATURAL GAS	QG	7,581	2,905.85	160.9%	9,434.82	-19.6%	6,123	1,669.04	266.9%
PJM MONTHLY	JM	0	0	-	0	-	0	0	-
NATURAL GAS PHY	NG	424,233	498,025	-14.8%	423,331.45	0.2%	482,012	407,173.93	18.4%
RBOB GAS	RT	0	0	-	0.55	-100.0%	0	0.36	0.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	-	0	-	0	0.42	-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	690	196.75	250.4%	319.09	116.1%	306	378.05	-18.9%
ARGUS PROPAN FAR EST INDE	7E	247	259.5	-4.9%	278.41	-11.4%	248	292.01	-15.0%
ARGUS PROPAN(SAUDI ARAMCO	9N	111	137.35	-19.0%	126.23	-11.8%	109	141.55	-22.9%
AUSTRALIAN COKE COAL	ALW	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	J9	5	0	-	0	-	7	8.48	-23.2%
BRENT CALENDAR SWAP	CY	108	381.9	-71.7%	455.18	-76.3%	330	354.09	-6.7%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-	10	30.3	-68.6%
BRENT FINANCIAL FUTURES	MBC	0	2.9	-100.0%	0	-	1	6.66	-88.0%
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	3,252	3,778.2	-13.9%	3,053	6.5%	3,531	4,793.68	-26.3%
CHICAGO ULSD PL VS HO SPR	5C	5	32.55	-84.6%	2.27	120.0%	31	26.04	18.8%
CHICAGO UNL GAS PL VS RBO	3C	41	0	-	0	-	9	5.93	54.4%
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	0	-	0	-	6	21.09	-72.4%
CIN HUB 5MW REAL TIME O P	H4	0	0	-	0	-	0	16.97	-100.0%

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Energy Futures										
CIN HUB 5MW REAL TIME PK	H3	0	0	-	0	-	0	1.41	-100.0%	
COAL SWAP	ACM	0	0	-	0	-	0	0	-	
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-	0	1.58	-100.0%	
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	1	11.1	-91.0%	4.82	-79.2%	12	11.19	4.5%	
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	17	33.75	-48.7%	20.77	-16.7%	19	23.45	-18.8%	
CONWAY PROPANE 5 DECIMALS SWAP	8K	399	645.15	-38.1%	586.95	-32.0%	752	696.59	8.0%	
CRUDE OIL	LPS	0	165	-100.0%	0	-	19	143.33	-87.0%	
CRUDE OIL LAST DAY	26	12	0	-	0	-	4	0	-	
CRUDE OIL OUTRIGHTS	42	18	14.25	27.0%	6.82	165.5%	56	18.4	203.0%	
CRUDE OIL OUTRIGHTS	CC5	23	48	-51.3%	50.45	-53.6%	25	20.7	20.8%	
CRUDE OIL OUTRIGHTS	CSW	19	2	825.0%	168.59	-89.0%	19	14.19	30.4%	
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-	1	0	-	
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-	0	3.16	-100.0%	
CRUDE OIL OUTRIGHTS	GSW	0	0.75	-100.0%	0.45	-100.0%	12	1.28	818.9%	
CRUDE OIL OUTRIGHTS	HTT	2,149	3,280.25	-34.5%	2,423.18	-11.3%	3,482	2,777.08	25.4%	
CRUDE OIL OUTRIGHTS	LSW	9	65.25	-86.2%	100.5	-91.0%	41	19.43	111.4%	
CRUDE OIL OUTRIGHTS	WCW	158	138.5	13.9%	65.91	139.3%	118	182.73	-35.4%	
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-	
CRUDE OIL PHY	HCL	102	331.5	-69.2%	52.45	94.5%	175	759.71	-76.9%	
CRUDE OIL SPRDS	38	0	7.5	-100.0%	0	-	0	0.65	-100.0%	
CRUDE OIL SPRDS	ANT	0	0	-	0	-	6	0	-	
CRUDE OIL SPRDS	HIL	752	0	-	433.91	73.3%	206	3.9	5185.2%	
CRUDE OIL SPRDS	WTT	277	643	-57.0%	476.73	-42.0%	1,006	989.54	1.7%	
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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Energy Futures										
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	4.33	-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	12	-100.0%	0	-	46	78.16	-41.0%	
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	1,382	1,260.3	9.6%	1,782.27	-22.5%	1,595	549.09	190.5%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0.09	-100.0%	
EIA FLAT TAX ONHWAY DIESE	A5	9	1.8	400.0%	89.32	-89.9%	41	14.81	175.4%	
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	-	0.91	-45.0%	0	0.22	40.0%	
ETHANOL	Z1B	0	0	-	0	-	0	0	-	
ETHANOL SWAP	MT2	37	3.5	942.9%	3.64	903.7%	9	4.16	125.8%	
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	252	277.05	-9.1%	205.05	22.9%	201	177.55	13.0%	
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-	0	0.01	-100.0%	
EURO 3.5% FUEL OIL RDAM B	KR	0	4.75	-100.0%	0	-	0	2.45	-88.5%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0.5	-100.0%	0	-	0	0.79	-87.9%	
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-	0	0	-	
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	2.79	-100.0%	
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-	0	0	-	
EUROPE 3.5% FUEL OIL MED	UI	0	0.75	-100.0%	0	-	0	1.73	-90.7%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	57.6	-100.0%	0.55	-100.0%	10	45.93	-77.6%	
EUROPEAN GASOIL (ICE)	7F	2	4.2	-61.9%	0	-	1	5.32	-72.4%	
EUROPEAN NAPHTHA BALMO	KZ	0	0.75	-80.0%	0	-	0	6.27	-94.1%	
EUROPEAN NAPHTHA CRACK SPR	EN	36	155.05	-77.0%	46.41	-23.3%	60	175.61	-65.7%	
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	7.07	-95.7%	
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0.03	-100.0%	
EUROPE NAPHTHA CALSWAP	UN	20	28.35	-29.1%	22.18	-9.4%	23	73.93	-68.4%	
EURO PROPANE CIF ARA SWA	PS	57	97.05	-41.3%	58.36	-2.3%	76	90.74	-15.7%	

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Energy Futures									
FREIGHT MARKETS	ACB	0	0	-	0	-	3	4.42	-27.9%
FREIGHT MARKETS	BF1	0	0	-	0	-	0	0	-
FREIGHT MARKETS	BF2	8	0	-	5	50.0%	6	0	-
FREIGHT MARKETS	BF3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	0	1.25	-100.0%	6.36	-100.0%	10	6.56	51.6%
FREIGHT MARKETS	FRC	0	0	-	0	-	0	7.15	-97.6%
FREIGHT MARKETS	FRS	0	0.5	-100.0%	0	-	0	0.35	-100.0%
FREIGHT MARKETS	T2D	7	19.5	-62.8%	1.36	431.7%	8	26.36	-67.8%
FREIGHT MARKETS	T7C	1	0	-	5.23	-80.9%	1	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0.61	-100.0%
FREIGHT MARKETS	TD8	0	0	-	0	-	0	0.26	-100.0%
FREIGHT MARKETS	USC	0	0	-	0	-	0	1.21	-67.9%
FREIGHT MARKETS	USE	1	0	-	32.95	-97.7%	3	0	-
FUEL OIL CRACK VS ICE	FO	3	102.45	-96.9%	3.18	0.6%	11	82.95	-86.2%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.06	-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	2.75	-100.0%	0	-	0	6.86	-96.8%
GAS EURO-BOB OXY NWE BARGES	7H	15	94.5	-84.1%	32.36	-53.7%	63	216.74	-71.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	90	430.3	-79.1%	126.95	-29.1%	256	373.51	-31.6%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-	0	0.04	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	1	0	-	0	-	0	0.09	-19.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0.68	-63.3%	0	0.6	-24.5%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0.17	-100.0%
GASOIL CALENDAR SWAP	GX	1	6.1	-81.1%	1.05	10.0%	1	1.19	13.4%
GASOIL CRACK SPREAD CALEN	GZ	0	183.6	-100.0%	0.95	-100.0%	54	45.57	18.1%
GASOIL MINI CALENDAR SWAP	QA	9	71.65	-87.1%	21.14	-56.2%	25	22.87	10.1%
GERMAN POWER BASELOAD CAL MONTH F	DEB	6	40.55	-85.9%	0	-	44	103.69	-58.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-	0	0	-
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-	0	1.3	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	104	50.75	104.4%	87.82	18.1%	162	157.85	2.7%
GRP THREE UNL GS (PLT) VS	A8	70	59.25	18.6%	93.64	-25.0%	119	118.23	1.0%
GULF COAST 3% FUEL OIL BA	VZ	0	15.2	-100.0%	17.05	-100.0%	13	38.22	-66.7%
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-	14	1.16	1080.9%
GULF COAST JET VS NYM 2 H	ME	567	358	58.3%	685.41	-17.3%	817	911.96	-10.4%

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		NOV 2020	NOV 2019		OCT 2020		Y.T.D 2020	Y.T.D 2019		
Energy Futures										
GULF COAST NO.6 FUEL OIL	MF	257	761.45	-66.2%	228.27	12.8%	509	1,043.84	-51.2%	
GULF COAST NO.6 FUEL OIL	MG	0	35	-100.0%	0	-	2	13.58	-84.6%	
GULF COAST ULSD CALENDAR	LY	4	4.8	-20.8%	87	-95.6%	42	16.52	156.9%	
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	6	1.56	291.7%	
HEATING OIL BALMO CLNDR S	1G	5	0	-	4.55	10.0%	7	2.45	168.5%	
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.08	-100.0%	
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-	
HENRY HUB BASIS SWAP	HB	0	248	-100.0%	0	-	29	91.65	-68.4%	
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-	0	0	-	
HENRY HUB INDEX SWAP FUTU	IN	0	248	-100.0%	0	-	36	91.65	-60.4%	
HENRY HUB SWAP	NN	796	4,443.3	-82.1%	2,391.55	-66.7%	3,122	4,588.85	-32.0%	
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	3.19	-100.0%	
ICE BRENT DUBAI SWAP	DB	42	393.75	-89.5%	19.55	112.3%	146	273.1	-46.6%	
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	1	6.25	-84.0%	9.09	-89.0%	8	15.17	-44.6%	
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-	1	0.85	-23.5%	
JAPAN C&F NAPHTHA SWAP	JA	0	10.3	-95.6%	1.5	-70.0%	7	43.61	-83.3%	
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	1.44	-90.1%	
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-	0	0	-	
JET CIF NWE VS ICE	JC	0	0	-	0	-	0	1.13	-100.0%	
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0.57	-100.0%	
JET FUEL UP-DOWN BALMO CL	1M	47	88.75	-47.0%	49.77	-5.6%	80	187.65	-57.5%	
JKM LNG Futures	JKM	2	168.3	-99.0%	256.82	-99.3%	83	89.79	-7.1%	
LA CARB DIESEL (OPIS) SWA	KL	0	0	-	0	-	11	1.73	529.3%	
LA CARBOB GASOLINE(OPIS)S	JL	3	0	-	0	-	3	12.45	-76.5%	
LA JET (OPIS) SWAP	JS	23	13.75	63.6%	10.23	120.0%	26	55.77	-52.5%	
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-	
LLS (ARGUS) VS WTI SWAP	WJ	27	62.2	-56.6%	10.91	147.5%	34	86.53	-60.5%	
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-	0	0.04	49.9%	
MARS (ARGUS) VS WTI SWAP	YX	0	10	-100.0%	5.45	-100.0%	11	63.87	-82.4%	
MARS (ARGUS) VS WTI TRD M	YV	592	655.25	-9.7%	439.36	34.6%	730	861.55	-15.3%	
MARS BLEND CRUDE OIL	MB	0	0	-	0	-	0	0	-	

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		ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG	
Energy Futures										
MCCLOSKY ARA ARGS COAL	MTF	1,249	1,526.1	-18.2%	1,066.95	17.0%	1,003	1,458.98	-31.3%	
MCCLOSKY RCH BAY COAL	MFF	43	77.2	-44.9%	22.45	89.3%	45	108.06	-58.0%	
MGF FUT	MGF	0	0	-	0	-	0	0.04	-100.0%	
MGN1 SWAP FUT	MGN	0	0.5	-100.0%	0.91	-100.0%	1	2.21	-47.1%	
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	2	4.2	-53.6%	15.18	-87.2%	3	9	-62.6%	
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-	7	16.93	-56.8%	
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	15	53.6	-71.5%	37.91	-59.8%	32	88.29	-63.5%	
MJC FUT	MJC	0	0	-	0	-	0	0.65	-100.0%	
MNC FUT	MNC	14	69.25	-80.0%	16.36	-15.4%	49	155.68	-68.8%	
MONT BELVIEU ETHANE 5 DECIMAL	C0	977	590.65	65.5%	1,671.95	-41.5%	1,232	750.48	64.2%	
MONT BELVIEU ETHANE OPIS BALMO	8C	3	5.5	-39.1%	32.27	-89.6%	15	6.51	134.7%	
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	6,481	6,769.3	-4.3%	7,727.68	-16.1%	8,006	6,872.86	16.5%	
MONT BELVIEU LDH PROPANE OPIS BALM	8O	41	88.2	-53.1%	172.36	-76.0%	104	132.25	-21.4%	
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	818	724.3	12.9%	533	53.4%	1,360	427.3	218.2%	
MONT BELVIEU NATURAL GASOLINE BALM	R0	32	34.25	-7.3%	15.91	99.6%	43	30.98	38.3%	
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	3,412	2,851.1	19.7%	3,070.95	11.1%	3,226	2,291.98	40.7%	
MONT BELVIEU NORMAL BUTANE BALMO	8J	65	45.8	41.4%	86.23	-24.9%	65	60.19	7.3%	
NAT GAS BASIS SWAP	TZ6	0	0	-	0	-	0	0	-	
NATURAL GAS PEN SWP	NP	2,531	1,682.7	50.4%	6,014.27	-57.9%	3,012	1,425.84	111.2%	
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	61	309.96	-80.5%	
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	3	0.95	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	1	69	-98.2%	6.14	-79.6%	30	40.47	-26.8%	
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	7.62	-100.0%	
NGPL TEX/OK	PD	0	0	-	0	-	0	11.67	-100.0%	
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-	
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-	1	4	-75.7%	
NORTHERN NATURAL GAS DEMAR	PE	0	0	-	0	-	0	0	-	

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		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	Y.T.D 2020	Y.T.D 2019	% CHG	
Energy Futures													
NORTHEN NATURAL GAS VENTU	PF	0	0	-	0	-	0	0	-	0	0	-	
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-	0	13.45	-100.0%	0	13.45	-100.0%	
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	0	-	0	0	-	
NY1% VS GC SPREAD SWAP	VR	3	15.25	-83.6%	0	-	11	21.59	-47.5%	11	21.59	-47.5%	
NY 3.0% FUEL OIL (PLATTS	H1	0	0	-	0	-	0	3.36	-100.0%	0	3.36	-100.0%	
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0.11	-100.0%	0	0.11	-100.0%	
NY HARBOR HEAT OIL SWP	MP	139	35.75	288.0%	73.5	88.7%	150	99.64	50.9%	150	99.64	50.9%	
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	1.69	-100.0%	0	1.69	-100.0%	
NY HARBOR RESIDUAL FUEL 1	MM	6	115.25	-95.2%	8.86	-37.9%	32	40.55	-20.5%	32	40.55	-20.5%	
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-	0	0	-	0	0	-	
NYH NO 2 CRACK SPREAD CAL	HK	79	7.5	950.0%	0	-	40	22.4	80.7%	40	22.4	80.7%	
NYISO CAPACITY	LHV	0	0	-	0	-	0	2.68	-100.0%	0	2.68	-100.0%	
NYISO CAPACITY	NNC	0	0	-	0	-	0	0	-	0	0	-	
NYISO CAPACITY	NRS	0	0	-	0	-	0	0.26	-100.0%	0	0.26	-100.0%	
NYISO ZONE A 5MW D AH O P	K4	0	0	-	0	-	0	0	-	0	0	-	
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-	0	0	-	0	0	-	
NYISO ZONE G 5MW D AH O P	D2	0	0	-	0	-	0	439.06	-100.0%	0	439.06	-100.0%	
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	36.34	-100.0%	0	36.34	-100.0%	
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-	0	0	-	0	0	-	
NYISO ZONE J 5MW D AH PK	D3	0	0	-	0	-	0	0	-	0	0	-	
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0	-	0	0	-	
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-	3	8.66	-65.0%	3	8.66	-65.0%	
NY ULSD (ARGUS) VS HEATING OIL	7Y	14	0	-	0.59	2269.3%	22	11.99	87.3%	22	11.99	87.3%	
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	0	8.05	-100.0%	0	8.05	-100.0%	
ONTARIO POWER SWAPS	OPD	0	0	-	0	-	0	0.11	-100.0%	0	0.11	-100.0%	
ONTARIO POWER SWAPS	OPM	0	0	-	0	-	0	0.43	-100.0%	0	0.43	-100.0%	
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0	-	0	0	-	
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	0	-	0	0	-	
PETROCHEMICALS	22	7	8	-9.4%	8.82	-17.8%	6	8.15	-26.3%	6	8.15	-26.3%	
PETROCHEMICALS	32	2	4.45	-61.8%	1.5	13.3%	3	4.93	-32.9%	3	4.93	-32.9%	
PETROCHEMICALS	3NA	0	0	-	0.27	-100.0%	0	0.21	-30.6%	0	0.21	-30.6%	
PETROCHEMICALS	51	0	0	-	0	-	0	0.34	-69.6%	0	0.34	-69.6%	
PETROCHEMICALS	81	0	0	-	0	-	0	0	-	0	0	-	
PETROCHEMICALS	8I	10	52.45	-81.7%	29.55	-67.5%	39	33.19	17.8%	39	33.19	17.8%	
PETROCHEMICALS	91	16	31.35	-49.9%	20.36	-22.9%	16	24.26	-35.8%	16	24.26	-35.8%	

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	ADV	ADV	% CHG	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG
	NOV 2020	NOV 2019		OCT 2020		Y.T.D 2020		Y.T.D 2019		
Energy Futures										
PETROCHEMICALS	MAA	0	0	-	0	6	-	1.21	362.5%	
PETROCHEMICALS	MAE	25	20.4	22.5%	27.73	33	-9.8%	17.61	87.8%	
PETROCHEMICALS	MAS	8	2	300.0%	11.36	14	-29.6%	9.88	39.2%	
PETROCHEMICALS	MBE	26	35	-27.1%	5.45	11	367.5%	17.16	-34.2%	
PETROCHEMICALS	MNB	1	19.5	-97.4%	0	7	-	28.27	-73.9%	
PETROCHEMICALS	MPS	6	11.2	-43.3%	9.59	16	-33.8%	10.49	51.2%	
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	0	-	0.22	-100.0%	
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	0	-	0	-	
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	3.41	2	-100.0%	1.44	13.0%	
PETRO CRCKS & SPRDS NA	CRB	588	210	179.8%	659.86	776	-11.0%	316.09	145.6%	
PETRO CRCKS & SPRDS NA	EXR	25	144.35	-82.9%	27.45	48	-10.0%	116.48	-58.6%	
PETRO CRCKS & SPRDS NA	FOC	0	5	-100.0%	4.55	0	-100.0%	16.75	-97.4%	
PETRO CRCKS & SPRDS NA	GBB	46	6.25	640.0%	5.91	20	682.7%	26.51	-23.2%	
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	2	-	0	-	
PETRO CRCKS & SPRDS NA	GCI	0	62.15	-100.0%	4.55	25	-100.0%	58.35	-56.4%	
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	0	-	1.3	-100.0%	
PETRO CRCKS & SPRDS NA	GCU	10	412	-97.6%	12.18	68	-17.9%	173.45	-61.0%	
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	0	-	0.43	-100.0%	
PETRO CRCKS & SPRDS NA	HOB	10	37.25	-73.2%	21.14	40	-52.7%	79.98	-50.3%	
PETRO CRCKS & SPRDS NA	NYF	0	2.5	-100.0%	0	0	-	0.54	-100.0%	
PETRO CRCKS & SPRDS NA	RBB	40	117.4	-66.1%	66.45	144	-40.2%	311.57	-53.8%	
PETRO CRCKS & SPRDS NA	RVG	139	359.3	-61.4%	165.68	265	-16.3%	612.84	-56.7%	
PETRO CRCKS & SPRDS NA	SF3	0	2.5	-100.0%	0	0	-	4.96	-99.1%	
PETRO CRK&SPRD EURO	1NB	0	7.5	-100.0%	0	13	-	46.36	-71.2%	
PETRO CRK&SPRD EURO	43	0	0	-	0.41	0	-100.0%	0.67	-71.6%	
PETRO CRK&SPRD EURO	BFR	0	0	-	0	0	-	0.26	-100.0%	
PETRO CRK&SPRD EURO	BOB	0	9.3	-100.0%	0	2	-	23	-92.4%	
PETRO CRK&SPRD EURO	EOB	0	1.5	-100.0%	0	0	-	0.23	-41.5%	
PETRO CRK&SPRD EURO	EPN	16	21.65	-25.6%	16.91	19	-4.8%	26.14	-28.6%	
PETRO CRK&SPRD EURO	EVC	0	13.2	-100.0%	0	1	-	29.74	-97.0%	
PETRO CRK&SPRD EURO	FBT	0	0	-	0	0	-	0.26	-100.0%	
PETRO CRK&SPRD EURO	FVB	0	0	-	0	0	-	0	-	
PETRO CRK&SPRD EURO	GCB	0	0	-	0	0	-	2.28	-91.6%	
PETRO CRK&SPRD EURO	GOC	0	0	-	0	0	-	0	-	
PETRO CRK&SPRD EURO	MGB	0	0	-	0	0	-	0.69	-100.0%	

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		ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG	
Energy Futures													
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-	1	0.56	0.0%				
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-	0	0.25	-91.4%				
PETRO CRK&SPRD EURO	NOB	0	3.65	-91.8%	0	-	2	15.19	-88.4%				
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-	0	0.24	-100.0%				
PETROLEUM PRODUCTS	1NM	0	1	-100.0%	4.55	-100.0%	5	3.41	37.6%				
PETROLEUM PRODUCTS	EWG	4	54.75	-93.2%	2.27	65.0%	21	100.43	-79.2%				
PETROLEUM PRODUCTS	H5F	15	258.4	-94.2%	3.18	371.4%	15	22.37	-34.0%				
PETROLEUM PRODUCTS	JCC	0	0	-	10.23	-100.0%	11	3.12	248.6%				
PETROLEUM PRODUCTS	MME	0	0	-	0	-	1	0	-				
PETROLEUM PRODUCTS	NCC	0	0	-	0	-	0	0.04	-100.0%				
PETROLEUM PRODUCTS	R5E	0	0	-	0	-	0	0	-				
PETROLEUM PRODUCTS	R5F	1	0.65	23.1%	0.86	-7.4%	1	0.14	359.5%				
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0.24	-26.8%				
PETROLEUM PRODUCTS	UCS	0	0	-	0	-	0	0	-				
PETROLEUM PRODUCTS	UP5	0	53.25	-100.0%	0	-	0	4.97	-100.0%				
PETROLEUM PRODUCTS	VU	0	15	-100.0%	13.41	-100.0%	6	3.53	77.1%				
PETROLEUM PRODUCTS ASIA	E6M	0	1	-100.0%	0	-	0	0.73	-52.4%				
PETROLEUM PRODUCTS ASIA	MJN	1	4	-75.0%	4.55	-78.0%	30	60	-49.5%				
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-	0	0.09	-100.0%				
PETRO OUTRIGHT EURO	0B	0	0.8	-100.0%	0	-	0	2.02	-78.6%				
PETRO OUTRIGHT EURO	0C	0	0	-	0	-	0	0.19	-100.0%				
PETRO OUTRIGHT EURO	0D	1	27.25	-95.6%	2.68	-55.3%	11	60.4	-81.8%				
PETRO OUTRIGHT EURO	0E	0	0	-	0	-	0	0.59	-100.0%				
PETRO OUTRIGHT EURO	0F	0	2.6	-100.0%	1.82	-100.0%	3	15.37	-82.7%				
PETRO OUTRIGHT EURO	1T	0	0	-	0	-	0	0.03	-100.0%				
PETRO OUTRIGHT EURO	5L	0	0.4	-100.0%	0	-	0	1.02	-72.9%				
PETRO OUTRIGHT EURO	63	0	0	-	0	-	0	0.46	-81.3%				
PETRO OUTRIGHT EURO	7I	0	2.3	-100.0%	1.14	-100.0%	1	4.26	-86.3%				
PETRO OUTRIGHT EURO	7R	0	3.5	-100.0%	0.5	-100.0%	1	5.83	-90.6%				
PETRO OUTRIGHT EURO	88	0	0	-	0	-	0	0.13	-100.0%				
PETRO OUTRIGHT EURO	CBB	0	0	-	0.23	-100.0%	0	0.22	40.0%				
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.09	9.9%				
PETRO OUTRIGHT EURO	CPB	1	12.75	-94.1%	6.68	-88.8%	8	10.3	-21.4%				
PETRO OUTRIGHT EURO	EFF	0	1.1	-100.0%	0	-	0	0.84	-79.4%				
PETRO OUTRIGHT EURO	EFM	0	0	-	0	-	0	0.13	-100.0%				

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Commodity	November 2020			November 2019		October 2020		Year-to-Date		
	ADV	ADV	% CHG	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG
	NOV 2020	NOV 2019		OCT 2020		Y.T.D 2020		Y.T.D 2019		
Energy Futures										
PETRO OUTHRIGHT EURO	ENS	0	0	-	0	-	0	0.71	-100.0%	
PETRO OUTHRIGHT EURO	EWN	0	3.15	-100.0%	0	-	1	18.48	-95.4%	
PETRO OUTHRIGHT EURO	FLB	0	0	-	0	-	0	0.03	-100.0%	
PETRO OUTHRIGHT EURO	GNO	0	0	-	0	-	0	0	-	
PETRO OUTHRIGHT EURO	H5G	0	45.9	-100.0%	0	-	1	5.44	-78.5%	
PETRO OUTHRIGHT EURO	JFB	0	0	-	0	-	0	0	-	
PETRO OUTHRIGHT EURO	M1B	72	35	105.1%	30.45	135.8%	35	7.12	398.5%	
PETRO OUTHRIGHT EURO	M35	0	0	-	0	-	0	0.1	-100.0%	
PETRO OUTHRIGHT EURO	MBB	0	0.25	-100.0%	0	-	0	0.02	501.4%	
PETRO OUTHRIGHT EURO	MBN	23	0.5	4450.0%	5	355.0%	15	13.99	9.0%	
PETRO OUTHRIGHT EURO	MEF	6	10.75	-48.8%	8.86	-37.9%	7	15.14	-56.4%	
PETRO OUTHRIGHT EURO	R53	0	4.8	-100.0%	0	-	1	0.88	-22.7%	
PETRO OUTHRIGHT EURO	R5B	0	0	-	0	-	0	0	-	
PETRO OUTHRIGHT EURO	R5M	13	11.25	19.6%	14.86	-9.5%	18	6.96	162.2%	
PETRO OUTHRIGHT EURO	R5O	50	3.7	1248.6%	52.64	-5.2%	42	9.65	333.8%	
PETRO OUTHRIGHT EURO	RBM	0	0	-	0	-	0	0	-	
PETRO OUTHRIGHT EURO	S5B	0	0	-	0	-	0	0	-	
PETRO OUTHRIGHT EURO	S5F	5	1.35	281.5%	1.41	265.5%	5	0.59	733.2%	
PETRO OUTHRIGHT EURO	S5M	76	22.25	241.8%	64.05	18.7%	71	7.42	854.5%	
PETRO OUTHRIGHT EURO	S5O	47	9.3	400.5%	33.82	37.6%	36	2.19	1542.0%	
PETRO OUTHRIGHT EURO	SMU	0	0	-	0	-	0	3.68	-100.0%	
PETRO OUTHRIGHT EURO	T0	0	0	-	0	-	0	0	-	
PETRO OUTHRIGHT EURO	T2B	0	0	-	0	-	0	0.06	33.4%	
PETRO OUTHRIGHT EURO	TMB	0	0	-	0	-	0	0.22	-100.0%	
PETRO OUTHRIGHT EURO	ULB	20	0	-	0	-	2	0	-	
PETRO OUTHRIGHT EURO	UNB	0	0	-	0	-	1	0	-	
PETRO OUTHRIGHT EURO	V0	0	0	-	0	-	0	0	-	
PETRO OUTHRIGHT NA	AB6	3	0	-	20	-87.5%	5	0	-	
PETRO OUTHRIGHT NA	BCR	39	0	-	32.27	19.8%	12	0	-	
PETRO OUTHRIGHT NA	DBB	0	0	-	0	-	0	0	-	
PETRO OUTHRIGHT NA	FCB	0	0	-	0	-	0	1.84	-100.0%	
PETRO OUTHRIGHT NA	H5B	0	0	-	0	-	8	0	-	
PETRO OUTHRIGHT NA	JE	5	0	-	0	-	4	1.04	300.0%	
PETRO OUTHRIGHT NA	JET	4	51.25	-92.7%	4.09	-8.3%	31	108.14	-71.6%	
PETRO OUTHRIGHT NA	JTB	0	12.5	-100.0%	4.09	-100.0%	9	32.78	-72.2%	

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		ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG	
Energy Futures													
PETRO OUTRIGHT NA	MBL	0	2.5	-100.0%	0	-	1	1.4	-57.7%				
PETRO OUTRIGHT NA	MEN	2	3.9	-61.5%	0	-	3	7.61	-66.5%				
PETRO OUTRIGHT NA	MEO	27	99.75	-72.5%	63.5	-56.8%	56	105.99	-47.6%				
PETRO OUTRIGHT NA	MFD	0	1.75	-100.0%	0	-	0	1.61	-89.8%				
PETRO OUTRIGHT NA	MMF	0	0	-	0	-	0	3.55	-91.5%				
PJM AD HUB 5MW REAL TIME	V3	0	0	-	0	-	0	507.27	-100.0%				
PJM AD HUB 5MW REAL TIME	Z9	0	0	-	0	-	0	11.08	-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	16.65	-100.0%				
PJM NI HUB 5MW REAL TIME	B6	0	0	-	0	-	0	303.03	-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	203.9	-100.0%				
PJM WESTH RT PEAK	L1	0	0	-	0	-	68	232.17	-70.5%				
PLASTICS	PGP	47	36.8	28.8%	36.09	31.3%	52	34.41	49.9%				
PREMIUM UNLD 10P FOB MED	3G	0	1.05	-100.0%	0	-	1	3.71	-81.6%				
PREMIUM UNLEAD 10PPM FOB	8G	0	0	-	0	-	0	0.6	-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	0.15	-100.0%				
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	43	38.65	10.0%	147.91	-71.3%	79	66.86	18.7%				
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	1,088	1,542.45	-29.5%	1,288.55	-15.6%	1,158	956.97	21.0%				
RBOB CALENDAR SWAP	RL	267	311.35	-14.2%	187.5	42.5%	264	274.55	-3.9%				
RBOB CRACK SPREAD	RM	25	103	-76.0%	18.86	31.2%	51	58.7	-13.1%				

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		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	ADV	ADV	% CHG
Energy Futures												
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0.11	-100.0%			
RBOB GASOLINE BALMO CLNDR	1D	13	79.35	-84.2%	13.82	-9.2%	25	45.04	-43.8%			
RBOB PHY	RBL	0	0	-	0	-	0	0	-			
RBOB VS HEATING OIL SWAP	RH	0	0	-	9.09	-100.0%	25	0.65	3676.4%			
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	-	0	-	0	1	-82.2%			
SINGAPORE 380CST BALMO	BT	0	5.8	-100.0%	0	-	0	4.03	-95.8%			
SINGAPORE 380CST FUEL OIL	SE	2	106.7	-98.5%	10.36	-84.6%	10	130.14	-92.3%			
SINGAPORE FUEL 180CST CAL	UA	0	5.15	-100.0%	0	-	1	10.52	-91.2%			
SINGAPORE FUEL OIL SPREAD	SD	0	2.45	-100.0%	0	-	0	2.98	-88.4%			
SINGAPORE GASOIL	MAF	10	118.6	-91.5%	7.05	42.6%	10	97.65	-90.2%			
SINGAPORE GASOIL	MTB	0	3.25	-100.0%	0	-	0	3.06	-91.2%			
SINGAPORE GASOIL	MTS	8	86.25	-90.3%	5.73	45.8%	15	165.82	-90.9%			
SINGAPORE GASOIL	SBM	0	0	-	3.59	-93.0%	2	0	-			
SINGAPORE GASOIL	STZ	0	0	-	0	-	0	0	-			
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-	0	1.17	-100.0%			
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-	0	0	-			
SINGAPORE GASOIL CALENDAR	MSG	13	15.65	-18.2%	6.73	90.3%	32	9.01	259.0%			
SINGAPORE GASOIL SWAP	SG	88	64.65	36.7%	25.77	242.8%	45	45.62	-2.2%			
SINGAPORE GASOIL VS ICE	GA	0	4.5	-100.0%	0	-	1	20.27	-94.0%			
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	1	0.22	589.8%			
SINGAPORE JET KERO GASOIL	RK	0	0	-	26.14	-100.0%	2	0.43	475.0%			
SINGAPORE JET KEROSENE SW	KS	8	24.5	-66.3%	2.95	179.2%	27	28.12	-2.3%			
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	1	6.49	-88.3%			
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	298.6	-100.0%	0	-	105	408.2	-74.3%			
SING FUEL	MSD	0	1.25	-100.0%	0	-	0	0.13	-100.0%			
Sumas Basis Swap	NK	0	0	-	0	-	0	0	-			
TC2 ROTTERDAM TO USAC 37K	TM	0	1.25	-100.0%	0	-	0	10.63	-98.2%			
TC5 RAS TANURA TO YOKOHAM	TH	0	0.75	-100.0%	0	-	1	14.79	-95.9%			
TCO BASIS SWAP	TC	0	0	-	0	-	0	0	-			
TD3 MEG TO JAPAN 250K MT	TL	49	141.8	-65.8%	119.5	-59.4%	100	254.46	-60.6%			
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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		ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG	
Energy Futures										
UCM FUT	UCM	0	0	-	0	-	0	0.09	-100.0%	
UK NBP NAT GAS CAL MTH FUT	UKG	91	14.75	515.3%	1.36	6555.2%	18	27.44	-34.5%	
ULSD UP-DOWN BALMO SWP	1L	306	247.5	23.6%	136	125.0%	251	265.28	-5.5%	
UP DOWN GC ULSD VS NMX HO	LT	2,023	1,960.55	3.2%	1,659.23	22.0%	2,182	1,646.36	32.5%	
WAHA BASIS	NW	0	0	-	0	-	0	2.81	-100.0%	
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	0	8.45	-100.0%	
WTI-BRENT CALENDAR SWAP	BK	1,545	1,738.25	-11.1%	956.23	61.5%	1,750	1,719.52	1.8%	
WTI CALENDAR	CS	2,848	3,003.8	-5.2%	2,223.59	28.1%	2,836	2,002.05	41.7%	
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	-	1	0	-	
WTS (ARGUS) VS WTI SWAP	FF	0	72	-100.0%	80.68	-100.0%	239	199.73	19.5%	
WTS (ARGUS) VS WTI TRD MT	FH	4	5.75	-37.4%	45.82	-92.1%	54	31.47	70.4%	
Energy Options										
BRENT CALENDAR SWAP	BA	0	45	-100.0%	0	-	33	20.39	59.9%	
BRENT CRUDE OIL 1 M CSO	9C	55	0	-	0	-	159	154.94	2.5%	
BRENT OIL LAST DAY	BE	741	650	14.0%	1,610.91	-54.0%	1,639	1,539.29	6.5%	
BRENT OIL LAST DAY	BZO	1,891	3,907.7	-51.6%	2,943.55	-35.8%	2,262	4,483.13	-49.5%	
BRENT OIL LAST DAY	OS	0	0	-	0	-	0	0	-	
COAL API2 INDEX	CLA	0	0	-	0	-	0	0.97	-100.0%	
COAL API2 INDEX	CQA	0	0	-	0	-	0	3.61	-100.0%	
CRUDE OIL	6Y	3	0	-	0	-	0	0.65	-66.7%	
CRUDE OIL 1MO	WA	9,263	5,457.5	69.7%	6,713.64	38.0%	9,118	10,193.13	-10.6%	
CRUDE OIL APO	AO	5,484	5,267.4	4.1%	1,713.82	220.0%	2,690	2,339.29	15.0%	
CRUDE OIL CALNDR STRIP	6F	6	0	-	0	-	1	0.87	-15.0%	
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	0	-	
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-	0	4.16	-100.0%	
CRUDE OIL PHY	CD	0	0	-	0	-	8	5.63	42.3%	
CRUDE OIL PHY	LC	372	922.4	-59.7%	59.09	529.2%	500	537.51	-7.0%	
CRUDE OIL PHY	LO	120,183	96,349.45	24.7%	106,371.27	13.0%	120,829	126,638.14	-4.6%	
CRUDE OIL PHY	LO1	446	787.7	-43.4%	342.05	30.3%	793	745.96	6.3%	
CRUDE OIL PHY	LO2	467	626.8	-25.5%	325.14	43.6%	490	660.12	-25.8%	
CRUDE OIL PHY	LO3	455	17.05	2566.6%	164.95	175.6%	512	430.85	18.7%	
CRUDE OIL PHY	LO4	411	1,222.4	-66.4%	467.32	-12.1%	803	796.57	0.8%	
CRUDE OIL PHY	LO5	0	1,040.05	-100.0%	527.5	-100.0%	258	301.99	-14.7%	

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		ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Energy Options									
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	107	327	-67.4%	245.09	-56.4%	211	504.33	-58.2%
ETHANOL SWAP	GVR	0	0	-	0	-	3	3.38	-23.1%
FREIGHT MARKETS	TDT	0	0	-	0	-	0	7.79	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	60	0	-	0	-	5	0	-
HEATING OIL PHY	LB	0	0	-	9.27	-100.0%	15	8.67	76.2%
HEATING OIL PHY	OH	586	1,104.05	-46.9%	618.59	-5.2%	637	1,318.32	-51.7%
HENRY HUB FINANCIAL LAST	E7	212	79.95	165.7%	473.68	-55.1%	333	280.34	18.7%
HO 1 MONTH CLNDR OPTIONS	FA	0	20	-100.0%	0	-	0	11.04	-96.1%
LLS CRUDE OIL	WJO	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WTO	0	0	-	0	-	6	0	-
MCCLOSKEY ARA ARGS COAL	MTO	121	15	708.3%	0	-	36	2.08	1618.3%
MCCLOSKEY RCH BAY COAL	MFO	0	1.25	-100.0%	2.27	-100.0%	2	4.87	-57.8%
NATURAL GAS 1 M CSO FIN	G4	2,180	8,057.6	-73.0%	6,800	-67.9%	4,717	3,959.76	19.1%
NATURAL GAS 2 M CSO FIN	G2	273	741.25	-63.2%	86.36	215.5%	85	91.13	-6.7%
NATURAL GAS 3 M CSO FIN	G3	638	145	339.7%	0	-	2,139	988.85	116.3%
NATURAL GAS 5 M CSO FIN	G5	0	67.5	-100.0%	0	-	50	26.41	87.7%
NATURAL GAS 6 M CSO FIN	G6	155	2,132.5	-92.7%	0	-	655	461.8	41.9%
NATURAL GAS OPT	TFO	123	0	-	1,281.36	-90.4%	939	0	-
NATURAL GAS OPTION ON CALENDAR STR	6J	313	161	94.4%	196.36	59.4%	143	125.71	13.9%
NATURAL GAS PHY	KD	59	165.4	-64.5%	79.32	-25.9%	175	191.69	-8.8%
NATURAL GAS PHY	LN	108,207	100,582.05	7.6%	125,553.09	-13.8%	113,703	75,613.32	50.4%
NATURAL GAS PHY	ON	4,927	7,903.6	-37.7%	4,543.45	8.5%	5,965	6,065.56	-1.7%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	2	0	-
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-	3	6.49	-60.0%
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-	0	18.84	-100.0%
NY HARBOR HEAT OIL SWP	AT	36	13.5	164.4%	38.95	-8.4%	77	115.11	-32.8%
PETROCHEMICALS	4H	1	1.35	-63.0%	0	-	3	21.09	-86.5%
PETROCHEMICALS	4J	0	0	-	0	-	3	0.87	215.0%
PETROCHEMICALS	4K	25	0	-	24.55	1.9%	5	2.42	85.7%
PETROCHEMICALS	CPR	0	0	-	0	-	1	0.17	215.0%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0.16	-83.3%
PETRO OUTRIGHT NA	1N5	0	0	-	0	-	1	0	-
PETRO OUTRIGHT NA	DAP	2	6	-75.0%	4.09	-63.3%	6	2.34	143.5%
PJM WES HUB PEAK CAL MTH	6OA	0	7.5	-100.0%	0	-	3	4.33	-23.0%

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		ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG
Energy Options									
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	3.62	-100.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-	0	0.65	-100.0%
RBOB CALENDAR SWAP	RA	0	0	-	49.09	-100.0%	9	2.49	275.2%
RBOB CRACK	RX	0	0	-	0	-	0	0	-
RBOB PHY	OB	423	373	13.5%	318.14	33.1%	396	644.55	-38.6%
RBOB PHY	RF	0	0	-	1.14	-100.0%	5	7.03	-35.8%
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-	0	16.8	-100.0%
SHORT TERM	U11	0	2.5	-100.0%	0	-	1	3.25	-80.0%
SHORT TERM	U12	0	0	-	9.09	-100.0%	3	6.41	-59.5%
SHORT TERM	U13	0	5.05	-100.0%	0	-	3	1.09	139.0%
SHORT TERM	U14	0	0	-	0	-	1	0.65	33.3%
SHORT TERM	U15	0	20	-100.0%	0	-	3	7.25	-58.2%
SHORT TERM	U22	0	0	-	0	-	0	0	-100.0%
SHORT TERM	U23	0	0	-	2.27	-100.0%	1	0.51	28.2%
SHORT TERM	U24	0	0	-	0	-	0	1.08	-80.0%
SHORT TERM	U26	0	0	-	0	-	0	0.43	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	-	0	-	2	2.81	-23.1%
SHORT TERM NATURAL GAS	U02	0	25	-100.0%	4.55	-100.0%	2	2.92	-18.5%
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	3	3.05	-7.7%
SHORT TERM NATURAL GAS	U04	0	5	-100.0%	0	-	6	4.33	35.0%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	2	1.08	40.0%
SHORT TERM NATURAL GAS	U06	3	0	-	0	-	1	2.19	-70.3%
SHORT TERM NATURAL GAS	U07	0	5.2	-100.0%	2.27	-100.0%	3	3.26	-20.4%
SHORT TERM NATURAL GAS	U08	0	0	-	2.27	-100.0%	2	11.47	-84.9%
SHORT TERM NATURAL GAS	U09	0	0	-	9.09	-100.0%	1	3.03	-64.3%
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	2	4.98	-60.9%
SHORT TERM NATURAL GAS	U16	10	0	-	0	-	1	1.08	20.0%
SHORT TERM NATURAL GAS	U17	3	0	-	0	-	2	1.95	-16.7%
SHORT TERM NATURAL GAS	U18	3	10	-75.0%	0	-	1	1.41	-38.5%
SHORT TERM NATURAL GAS	U19	3	5	-50.0%	0	-	1	0.87	62.5%
SHORT TERM NATURAL GAS	U20	0	10	-100.0%	0	-	1	2.16	-40.0%
SHORT TERM NATURAL GAS	U21	0	0	-	0	-	1	0.22	299.9%
SHORT TERM NATURAL GAS	U27	25	0	-	0	-	5	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	3	1.84	41.2%
SHORT TERM NATURAL GAS	U29	0	2.5	-100.0%	0	-	4	0.65	533.3%

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Commodity	ADV NOV 2020	ADV NOV 2019	% CHG	ADV OCT 2020	% CHG	ADV Y.T.D 2020	ADV Y.T.D 2019	% CHG	
Energy Options									
SHORT TERM NATURAL GAS	U30	0	0	-	0	-	5	2.6	79.2%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	1	6.06	-89.3%
WTI-BRENT BULLET SWAP	BV	1,165	1,610	-27.6%	1,554.55	-25.1%	2,200	2,448.07	-10.1%
WTI CRUDE OIL 1 M CSO FI	7A	5,519	1,480	272.9%	5,069.09	8.9%	4,328	2,452.47	76.5%
Ag Products Futures									
COCOA TAS	CJ	0	0	-	0	-	0	0.03	-100.0%
COFFEE	KT	0	0.1	-100.0%	0	-	0	0.01	0.0%
COTTON	TT	0	0	-	1.23	-100.0%	0	0.16	50.0%
SUGAR 11	YO	0	0	-	0	-	0	0.04	0.0%
TOTAL FUTURES GROUP									
Ag Products Futures		0	0.1	-100.0%	1.23	-100.0%	0	0.25	19.0%
Energy Futures		1,822,764	2,004,485.95	-9.1%	1,702,913	7.0%	2,176,171	2,155,084.81	1.0%
Metals Futures		638,716	737,135.9	-13.4%	475,229.55	34.4%	647,085	600,714.57	7.7%
TOTAL FUTURES		2,461,480	2,741,621.95	-10.2%	2,178,143.77	13.0%	2,823,256.22	2,755,799.63	2.4%
TOTAL OPTIONS GROUP									
Energy Options		264,948	241,378.2	9.8%	268,217.23	-1.2%	277,007	244,348.34	13.4%
Metals Options		65,882	66,807.15	-1.4%	53,495.23	23.2%	73,050	80,284.1	-9.0%
TOTAL OPTIONS		330,830	308,185.35	7.3%	321,712.46	2.8%	350,057.33	324,632.44	7.8%

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Commodity	November 2020			November 2019			Y.T.D 2020			Y.T.D 2019		
	ADV	ADV	% CHG	ADV	ADV	% CHG	ADV	ADV	% CHG	ADV	ADV	% CHG
	NOV 2020	NOV 2019		OCT 2020			Y.T.D 2020	Y.T.D 2019		Y.T.D 2020	Y.T.D 2019	
TOTAL COMBINED												
Metals	704,597	803,943.05	-12.4%	528,724.77	33.3%		720,135	680,998.66	5.7%			
Energy	2,087,713	2,245,864.15	-7.0%	1,971,130.23	5.9%		2,453,178	2,399,433.16	2.2%			
Ag Products	0	0.1	-100.0%	1.23	-100.0%		0	0.25	19.0%			
GRAND TOTAL	2,792,310	3,049,807.3	-8.4%	2,499,856.23	11.7%		3,173,313.55	3,080,432.07	3.0%			