

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 1 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Metals Futures									
COMEX GOLD	GC	139,710	183,427.95	-23.8%	291,932.86	-52.1%	232,004	308,804.47	-24.9%
NYMEX HOT ROLLED STEEL	HR	898	768.23	16.9%	846.48	6.1%	979	871.17	12.4%
NYMEX PLATINUM	PL	20,247	21,185.45	-4.4%	17,352	16.7%	17,662	18,093.01	-2.4%
PALLADIUM	PA	1,699	1,452.32	17.0%	4,038.1	-57.9%	2,399	2,718.53	-11.7%
URANIUM	UX	0	0	-	0	-	5	7.33	-36.0%
COMEX SILVER	SI	45,825	76,455.45	-40.1%	89,562.76	-48.8%	78,054	103,267.87	-24.4%
COMEX E-Mini GOLD	QO	746	1,112	-32.9%	1,282.71	-41.8%	1,071	1,529.35	-30.0%
COMEX E-Mini SILVER	QI	141	290.59	-51.3%	251.38	-43.7%	268	420.22	-36.2%
COMEX COPPER	HG	52,831	70,532.18	-25.1%	94,182.9	-43.9%	97,558	96,117.68	1.5%
COMEX MINY COPPER	QC	170	88.91	91.4%	422.1	-59.7%	236	54.79	331.5%
ALUMINUM	A38	0	0	-	0	-	1	0	-
ALUMINUM	AEP	201	49.73	303.8%	186.81	7.5%	140	149.84	-6.6%
ALUMINUM	ALA	5	0	-	2.86	90.9%	15	7.15	112.3%
ALUMINUM	ALI	690	102.59	572.8%	662.95	4.1%	576	171.33	236.3%
ALUMINUM	AUP	525	207.09	153.3%	472.24	11.1%	337	429.38	-21.5%
ALUMINUM	CUP	0	0	-	0	-	0	0.2	-100.0%
ALUMINUM	EDP	317	46.82	576.3%	296.1	6.9%	185	162.18	13.8%
ALUMINUM	MJP	110	32.73	235.0%	94.86	15.6%	30	46.92	-35.9%
COBALT METAL FUTURES	COB	8	0.14	5731.7%	13	-38.8%	13	0.01	113178.2%
COPPER	HGS	151	107.36	40.2%	63.67	136.4%	109	139.73	-22.3%
FERROUS PRODUCTS	BUS	37	137.82	-73.3%	59.19	-37.8%	67	104.54	-35.9%
GOLD	4GC	0	2	-100.0%	0	-	0	3.08	-85.0%
GOLD	SGC	84	12.77	558.7%	26.95	212.2%	77	72.54	5.7%
GOLD	SGU	556	102.73	441.5%	700.71	-20.6%	337	240.04	40.5%
HOT ROLLED COIL STEEL FUTURES	EHR	61	33.55	81.7%	82.95	-26.5%	56	25.69	116.8%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	-	0	-	0	57.3	-100.0%
IRON ORE CHINA	TIO	33	78.09	-58.4%	77.62	-58.1%	47	33.81	37.7%
METALS	HDG	0	6.82	-100.0%	0	-	1	0.71	-20.2%
METALS	LTH	0	0	-	0	-	0	0	-
MICRO GOLD	MGC	33,201	72,719.55	-54.3%	60,561.33	-45.2%	55,258	86,100.67	-35.8%
SILVER	SIL	4,367	13,754.95	-68.2%	6,251.57	-30.1%	8,719	9,683.54	-10.0%

Metals Options

ALUMINUM	ALO	0	0	-	0	-	9	0.59	1405.9%
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NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 2 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Metals Options									
COMEX COPPER	HX	1,586	1,050.82	50.9%	2,186.76	-27.5%	2,971	1,692.19	75.6%
COMEX GOLD	OG	20,681	26,917.09	-23.2%	40,505.14	-48.9%	32,977	52,226.7	-36.9%
COMEX SILVER	SO	3,788	5,329.18	-28.9%	5,636.62	-32.8%	6,991	8,750.82	-20.1%
COPPER	H1E	0	0	-	1.81	-100.0%	0	4.28	-92.1%
COPPER	H2E	1	0	-	2.62	-74.0%	0	2.74	-83.6%
COPPER	H3E	3	0	-	1.67	71.8%	1	2.93	-82.3%
COPPER	H4E	1	0	-	0.52	56.2%	1	1.46	-51.7%
COPPER	H5E	0	0	-	0	-	0	2.74	-98.8%
GOLD	OG1	925	1,732.91	-46.7%	3,093.52	-70.1%	2,008	1,690.01	18.8%
GOLD	OG2	1,466	1,847.59	-20.7%	3,434.9	-57.3%	2,061	1,851.82	11.3%
GOLD	OG3	1,715	1,683.91	1.9%	2,617.62	-34.5%	2,018	1,551.6	30.1%
GOLD	OG4	1,163	975.05	19.3%	2,606.81	-55.4%	1,400	1,301.57	7.5%
GOLD	OG5	930	0	-	0	-	572	493.13	15.9%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-	0	0.3	-100.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	-	0	-	0	14.78	-100.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	-	0	-	0	25.09	-100.0%
IRON ORE CHINA	ICT	5	5.45	-16.7%	0	-	25	1.98	1164.6%
NYMEX HOT ROLLED STEEL	HRO	48	13.64	251.7%	39.52	21.3%	19	5.04	282.3%
NYMEX PLATINUM	PO	70	71.27	-2.2%	135.95	-48.7%	138	112.04	23.3%
PALLADIUM	PAO	7	3.95	79.3%	3.24	119.0%	27	27.55	-2.2%
SILVER	SO1	132	63.73	107.6%	266	-50.3%	157	112.35	39.9%
SILVER	SO2	166	55.68	197.7%	321.62	-48.5%	174	104.53	66.5%
SILVER	SO3	163	117.95	38.3%	166.19	-1.8%	143	95.63	49.8%
SILVER	SO4	132	52.5	151.9%	148.05	-10.7%	101	67.43	50.2%
SILVER	SO5	121	0	-	0	-	46	29.82	52.8%

Energy Futures

CRUDE OIL PHY	CL	787,716	701,552.23	12.3%	1,094,403.9	-28.0%	985,375	1,083,716.81	-9.1%
CRUDE OIL	WS	0	0	-	0	-	15	124.2	-88.1%
MINY WTI CRUDE OIL	QM	21,803	12,703.18	71.6%	29,460.86	-26.0%	20,878	27,015.79	-22.7%
BRENT OIL LAST DAY	BZ	77,762	68,471.41	13.6%	106,053.67	-26.7%	95,969	102,684.1	-6.5%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 3 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
HEATING OIL PHY	HO	127,497	135,269.59	-5.7%	181,774.19	-29.9%	153,617	173,925.63	-11.7%
HTG OIL	BH	0	0	-	0	-	0	0.43	15.3%
MINY HTG OIL	QH	1	0.27	116.7%	0.43	37.9%	0	0.24	36.6%
RBOB PHY	RB	150,587	156,299.14	-3.7%	196,952.76	-23.5%	189,833	183,764.77	3.3%
MINY RBOB GAS	QU	1	0.32	85.7%	0.38	55.1%	0	0.34	26.4%
NATURAL GAS	HP	5,428	5,864.36	-7.4%	6,762.14	-19.7%	7,506	7,315.83	2.6%
LTD NAT GAS	HH	18,017	14,814.68	21.6%	16,047.14	12.3%	16,281	13,043.06	24.8%
MINY NATURAL GAS	QG	8,829	8,988.86	-1.8%	15,529.81	-43.1%	9,148	6,372.45	43.5%
PJM MONTHLY	JM	0	0	-	0	-	0	0	-
NATURAL GAS PHY	NG	348,642	429,765.95	-18.9%	359,778.52	-3.1%	387,257	477,468.42	-18.9%
RBOB GAS	RT	0	0	-	0	-	0	0.33	0.4%
3.5% FUEL OIL CID MED SWA	7D	0	0	-	0	-	0	0.08	-100.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	110	92.27	19.7%	269.57	-59.0%	379	287.85	31.6%
ARGUS PROPAN FAR EST INDE	7E	169	226.82	-25.4%	271.57	-37.7%	283	246.44	14.7%
ARGUS PROPAN(SAUDI ARAMCO	9N	72	84.68	-14.5%	90.52	-20.1%	86	107.06	-19.4%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	J9	0	9.09	-100.0%	0	-	5	6.74	-22.7%
BRENT CALENDAR SWAP	CY	980	282.86	246.5%	642.52	52.5%	533	326.17	63.3%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-	16	8.7	82.5%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	0.73	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	0	1.03	-73.7%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAR VINTAGE	GEO	102	0	-	209	-51.1%	64	0	-
CAR VINTAGE	NGO	172	0	-	429.33	-60.0%	123	0	-
CHICAGO ETHANOL SWAP	CU	2,467	2,680.64	-8.0%	3,703.81	-33.4%	3,440	3,457.05	-0.5%
CHICAGO ULSD PL VS HO SPR	5C	1	7.27	-81.3%	1.19	14.5%	15	28.88	-48.4%
CHICAGO UNL GAS PL VS RBO	3C	0	28.41	-100.0%	3.57	-100.0%	2	10.83	-81.7%
CIG BASIS	CI	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	H5	0	0	-	0	-	0	5.32	-100.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	-	0	-	0	0	-
CIN HUB 5MW REAL TIME PK	H3	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	5	10.55	-52.2%	2.38	111.9%	14	11.59	17.1%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 4 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	18	17.05	5.6%	10.24	75.8%	14	18.87	-24.4%
CONWAY PROPANE 5 DECIMALS SWAP	8K	584	415.68	40.6%	709.29	-17.6%	700	723.06	-3.2%
CRUDE OIL	LPS	0	0	-	0	-	0	16.98	-100.0%
CRUDE OIL LAST DAY	26	0	1.95	-100.0%	21.76	-100.0%	12	3.87	221.0%
CRUDE OIL OUTRIGHTS	42	13	20.68	-37.8%	14.71	-12.6%	14	52.69	-72.7%
CRUDE OIL OUTRIGHTS	CC5	0	18.73	-100.0%	0	-	39	24.45	60.8%
CRUDE OIL OUTRIGHTS	CSW	14	0	-	0	-	57	16.89	236.4%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-	0	1.34	-100.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	10	10.75	-9.1%
CRUDE OIL OUTRIGHTS	HTT	2,304	3,064.14	-24.8%	4,309.52	-46.5%	2,967	3,445.21	-13.9%
CRUDE OIL OUTRIGHTS	LSW	0	19.77	-100.0%	4.29	-100.0%	41	39.22	5.0%
CRUDE OIL OUTRIGHTS	WCW	33	80.91	-59.0%	347.38	-90.4%	168	114.82	46.4%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	0	192.45	-100.0%	0	-	80	176.89	-54.8%
CRUDE OIL PHY	MCL	77,937	0	-	95,983.05	-18.8%	33,209	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	ANT	8	0	-	74.48	-88.8%	23	5.26	345.0%
CRUDE OIL SPRDS	HIL	0	57.27	-100.0%	11.43	-100.0%	22	192.99	-88.5%
CRUDE OIL SPRDS	WTT	986	1,218.59	-19.1%	1,973.38	-50.0%	1,255	1,024.4	22.5%
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	-
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	-	0	2.53	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 5 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
DATED TO FRONTLINE BRENT	FY	0	0	-	0	-	11	0.96	1017.2%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	PG	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	0	1.19	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	0	-	0	42.09	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	513	611	-16.0%	81.52	529.8%	1,765	1,509.33	16.9%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-	0	0	-
EIA FLAT TAX ONHWAY DIESE	A5	46	11.45	298.4%	1.33	3322.8%	21	38.25	-44.3%
ELEC FINSETTLED	47	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	0	0	-	0	-	0	0.28	-85.7%
ETHANOL SWAP	MT2	5	5	9.1%	15	-63.6%	9	9	-0.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	123	120.73	1.5%	187.1	-34.5%	173	193.64	-10.7%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	1.67	-100.0%	0	0.26	25.1%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	-	0	-	0	0.09	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	-	2.14	-100.0%	11	0.3	3664.7%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0	-
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-	0	0.15	-64.7%
EUROPE 3.5% FUEL OIL RDAM	UV	1	0.55	25.0%	4.71	-85.5%	2	9.42	-76.6%
EUROPEAN GASOIL (ICE)	7F	9	1.73	415.8%	17.67	-49.6%	34	1.49	2176.7%
EUROPEAN NAPHTHA BALMO	KZ	1	0	-	3.57	-72.0%	1	0.34	63.5%
EUROPEAN NAPHTHA CRACK SPR	EN	41	5.27	684.5%	119.14	-65.3%	79	55.51	41.8%
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	3	0.28	918.3%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	UN	25	15.82	59.5%	32.43	-22.2%	29	22.71	27.8%
EURO PROPANE CIF ARA SWA	PS	62	47.14	31.1%	90.81	-31.9%	74	73.93	0.3%
FREIGHT MARKETS	ACB	0	0	-	0	-	0	2.91	-100.0%
FREIGHT MARKETS	BF1	0	0	-	0	-	0	0.06	-100.0%
FREIGHT MARKETS	BF2	0	10.73	-95.8%	0.24	90.9%	1	6.49	-91.8%
FREIGHT MARKETS	BF3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	BL2	0	0	-	2.38	-100.0%	1	0	-
FREIGHT MARKETS	FLJ	0	0	-	0.24	-100.0%	0	0	-
FREIGHT MARKETS	FLP	1	0	-	4.19	-88.1%	3	9.09	-68.9%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 6 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0.16	75.7%
FREIGHT MARKETS	T2D	5	6.82	-20.0%	0	-	4	8.35	-57.0%
FREIGHT MARKETS	T7C	0	0.91	-100.0%	0	-	0	1.15	-100.0%
FREIGHT MARKETS	T8C	0	0	-	0	-	0	0	-
FREIGHT MARKETS	TC6	10	0	-	10.71	-4.5%	2	0	-
FREIGHT MARKETS	TD3	3	0	-	0	-	0	0	-
FREIGHT MARKETS	USC	0	0	-	0	-	0	0.36	-100.0%
FREIGHT MARKETS	USE	0	0	-	0	-	0	3.16	-88.7%
FUEL OIL CRACK VS ICE	FO	0	0	-	0	-	9	10.45	-16.3%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0	-
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0.2	-100.0%
GAS EURO-BOB OXY NWE BARGES	7H	8	7.18	12.7%	17.05	-52.5%	29	57.88	-49.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	151	53.73	180.8%	356.1	-57.6%	250	238.01	5.2%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.07	148.1%
GASOIL 0.1 ROTTERDAM BARG	VL	2	1	72.7%	0.71	141.8%	1	0.5	70.7%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	GX	11	0.55	1841.5%	7.81	35.6%	7	1.28	463.7%
GASOIL CRACK SPREAD CALEN	GZ	100	0	-	223	-55.1%	90	49.12	83.4%
GASOIL MINI CALENDAR SWAP	QA	8	13.55	-41.9%	28.9	-72.8%	17	24.16	-30.5%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0.29	-100.0%	1	39.79	-97.6%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	135	100.68	33.9%	164.76	-18.2%	200	156.83	27.4%
GRP THREE UNL GS (PLT) VS	A8	89	82.05	8.6%	130.48	-31.7%	123	116.16	5.9%
GULF COAST 3% FUEL OIL BA	VZ	0	2.05	-100.0%	1.33	-100.0%	3	11.8	-75.1%
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-	0	12.46	-100.0%
GULF COAST JET VS NYM 2 H	ME	999	513.82	94.5%	454.05	120.1%	969	790.94	22.5%
GULF COAST NO.6 FUEL OIL	MF	128	173.82	-26.4%	25.95	392.7%	86	480.12	-82.2%
GULF COAST NO.6 FUEL OIL	MG	446	0	-	192.86	131.2%	153	1.91	7939.6%
GULF COAST ULSD CALENDAR	LY	40	8.18	387.8%	3.24	1132.5%	20	39.47	-48.9%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	5.57	-100.0%
HEATING OIL BALMO CLNDR S	1G	4	0	-	11.19	-61.4%	13	6	114.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	10	0	-
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 7 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
HENRY HUB BASIS SWAP	HB	0	0	-	0	-	0	26.4	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-	0	0.3	-100.0%
HENRY HUB INDEX SWAP FUTU	IN	0	0	-	0	-	0	33.17	-100.0%
HENRY HUB SWAP	NN	665	949.91	-30.0%	703.57	-5.5%	1,417	2,932.73	-51.7%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	3	15.45	-82.4%	54.29	-95.0%	27	134.41	-79.9%
ICE GASOIL BALMO SWAP	U9	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	0	1.59	-100.0%	0	-	4	7.81	-42.9%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0.29	-100.0%	0	0.59	-96.0%
JAPAN C&F NAPHTHA SWAP	JA	5	0.59	784.6%	2.19	138.6%	3	6.69	-53.5%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0.29	-100.0%	0	0.13	-45.2%
JET CIF NWE VS ICE	JC	5	0	-	18.38	-70.3%	7	0	-
JET FUEL UP-DOWN BALMO CL	1M	176	66.14	166.7%	60.71	190.5%	83	78.51	6.1%
JKM LNG Futures	JKM	38	0	-	39.52	-4.8%	29	76.14	-62.2%
LA CARB DIESEL (OPIS) SWA	KL	16	1.14	1320.0%	1.67	868.2%	9	10.05	-7.8%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	1	2.67	-66.5%
LA JET (OPIS) SWAP	JS	22	23.18	-6.9%	33.57	-35.7%	25	26.19	-6.0%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	22	0.23	9498.9%	16	36.4%	13	31.23	-58.5%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-	0	0.06	-100.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	-	0	-	7	10.28	-32.4%
MARS (ARGUS) VS WTI TRD M	YV	417	905.91	-54.0%	878.86	-52.6%	843	745.16	13.2%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-	0	0.4	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	285	564.32	-49.5%	424.76	-32.9%	607	964.73	-37.0%
MCCLOSKEY RCH BAY COAL	MFF	5	18.95	-73.6%	73.43	-93.2%	42	43.05	-1.5%
MGN1 SWAP FUT	MGN	0	0	-	0	-	0	1.07	-100.0%
MICHIGAN BASIS	NF	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	3	0	-	3.24	-14.4%	1	3.08	-67.2%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	2.27	-100.0%	0	-	2	6.88	-77.5%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	9	14.55	-37.8%	15.19	-40.5%	25	30.72	-18.1%
MJC FUT	MJC	0	0	-	0	-	0	0	-
MNC FUT	MNC	54	8.27	551.7%	93.52	-42.4%	46	45.1	1.2%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 8 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,477	1,524.77	-3.1%	1,401.19	5.4%	1,405	1,257.55	11.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	128	51.82	146.5%	69.05	85.0%	50	18.46	172.1%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	5,492	8,874.23	-38.1%	9,315.67	-41.0%	8,738	8,081.89	8.1%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	118	99.64	18.6%	93.19	26.8%	145	103.57	39.6%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	575	934.73	-38.5%	834.57	-31.1%	698	1,322.68	-47.2%
MONT BELVIEU NATURAL GASOLINE BALM	R0	28	37.5	-26.1%	9.86	181.3%	29	42.37	-31.8%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,566	2,487.18	-37.0%	2,628.71	-40.4%	2,551	3,161.66	-19.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	67	42.09	59.2%	56.33	18.9%	61	62.65	-2.0%
NATURAL GAS PEN SWP	NP	1,184	7,009.73	-83.1%	1,985.38	-40.4%	2,423	3,359.32	-27.9%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	0	55.3	-100.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	0	3.04	-100.0%
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	63	0	-	11.67	443.5%	13	27.05	-52.9%
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	0	-
NGPL TEX/OK	PD	0	0	-	0	-	0	0	-
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-	0	0.89	-100.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	0	4.55	-100.0%	0	-	0	10.74	-100.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	4.32	-100.0%	0	-	0	0.38	-100.0%
NY HARBOR HEAT OIL SWP	MP	113	55.36	103.3%	120.57	-6.7%	60	142.12	-57.8%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	6	0	-
NY HARBOR RESIDUAL FUEL 1	MM	13	25.86	-51.7%	9.52	31.3%	11	31.67	-66.2%
NYH NO 2 CRACK SPREAD CAL	HK	15	27.27	-45.0%	26.76	-44.0%	69	39.33	75.3%
NYISO CAPACITY	LHV	0	0	-	0	-	0	0	-
NYISO CAPACITY	NRS	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH O P	K4	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	-
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/COMEX Exchange ADV Report - Monthly

December 2021

Page 9 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-	0	2.77	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	20	4.27	378.7%	0	-	4	20.88	-79.1%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	0	0.22	-100.0%
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	0	-
PETROCHEMICALS	22	4	10.77	-61.6%	13.9	-70.3%	8	6.42	29.0%
PETROCHEMICALS	32	4	1.32	193.1%	3.48	11.1%	3	3.13	-1.9%
PETROCHEMICALS	3NA	0	0	-	0.62	-26.6%	1	0.13	407.8%
PETROCHEMICALS	51	0	0.23	-100.0%	0	-	0	0.11	-100.0%
PETROCHEMICALS	81	0	0	-	0	-	1	0.24	145.9%
PETROCHEMICALS	8I	34	41.59	-18.6%	27.33	23.9%	53	39.33	33.7%
PETROCHEMICALS	91	21	25.36	-17.2%	24.29	-13.5%	20	16.43	18.7%
PETROCHEMICALS	MAA	4	1.36	200.0%	2.38	71.8%	2	5.24	-57.2%
PETROCHEMICALS	MAE	25	19.55	27.9%	66.9	-62.6%	45	31.91	39.5%
PETROCHEMICALS	MAS	9	12.5	-30.9%	26.52	-67.4%	17	13.64	28.1%
PETROCHEMICALS	MBE	0	1.36	-100.0%	2.86	-100.0%	3	10.43	-73.0%
PETROCHEMICALS	MNB	2	1.32	65.5%	0.76	186.4%	8	6.85	21.8%
PETROCHEMICALS	MPS	27	7.41	268.7%	28.86	-5.3%	20	15.13	29.6%
PETROCHEMICALS	PMF	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	1.48	-100.0%
PETRO CRCKS & SPRDS NA	CRB	757	464.77	62.9%	573.33	32.0%	948	749.23	26.6%
PETRO CRCKS & SPRDS NA	EXR	17	11.27	50.4%	33.05	-48.7%	29	45.05	-35.2%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-	0	0.4	-100.0%
PETRO CRCKS & SPRDS NA	GBB	0	13.86	-100.0%	0	-	3	19.79	-86.9%
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	-	0	1.6	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	11.59	-100.0%	0	-	1	24.26	-93.9%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GCU	0	8.18	-100.0%	0	-	3	62.46	-94.4%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0.67	-100.0%	2	0	-
PETRO CRCKS & SPRDS NA	HOB	3	10.23	-66.7%	68.1	-95.0%	21	37.15	-42.5%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	1	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	26	23.86	8.6%	46.05	-43.7%	66	133.57	-50.5%
PETRO CRCKS & SPRDS NA	RVG	76	36.09	109.4%	10.71	605.5%	53	245.49	-78.6%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 10 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0.04	-100.0%
PETRO CRK&SPRD EURO	1NB	0	0	-	2.38	-100.0%	2	12.19	-85.9%
PETRO CRK&SPRD EURO	43	0	0	-	0.24	71.8%	0	0.17	-20.1%
PETRO CRK&SPRD EURO	BOB	13	0	-	14	-6.5%	7	1.59	339.0%
PETRO CRK&SPRD EURO	EOB	1	0	-	0	-	0	0.12	-35.2%
PETRO CRK&SPRD EURO	EPN	37	21.41	71.1%	42.14	-13.1%	27	18.9	43.4%
PETRO CRK&SPRD EURO	EVC	1	0	-	0.95	-28.4%	3	0.8	330.7%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-	0	0.17	-100.0%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-	0	0.51	-100.0%
PETRO CRK&SPRD EURO	NBB	0	0	-	0.43	-100.0%	0	0.02	80.3%
PETRO CRK&SPRD EURO	NOB	1	0	-	3.24	-78.9%	2	1.6	40.0%
PETROLEUM PRODUCTS	1NM	0	4.55	-100.0%	0	-	3	4.68	-39.2%
PETROLEUM PRODUCTS	BEB	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	CMS	3	0	-	0	-	3	0	-
PETROLEUM PRODUCTS	EWG	0	0	-	16.67	-100.0%	21	19.05	10.4%
PETROLEUM PRODUCTS	H5F	0	0	-	0	-	0	13.49	-98.2%
PETROLEUM PRODUCTS	JCC	9	0	-	21.43	-57.6%	11	9.92	12.0%
PETROLEUM PRODUCTS	MME	0	0	-	0	-	0	0.63	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	NCC	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-	0	0.01	150.6%
PETROLEUM PRODUCTS	R5F	1	2.68	-59.3%	4.67	-76.6%	2	0.81	174.9%
PETROLEUM PRODUCTS	S53	0	0	-	0.57	-100.0%	0	0.16	-70.6%
PETROLEUM PRODUCTS	UCS	0	4.09	-100.0%	0	-	0	0.61	-100.0%
PETROLEUM PRODUCTS	UP5	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	0	0	-	0	-	1	5.7	-76.3%
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0	-	0	0.32	-87.4%
PETROLEUM PRODUCTS ASIA	MJN	46	4.41	943.3%	13.33	245.0%	16	28.07	-44.8%
PETRO OUTRIGHT EURO	0B	0	0	-	0	-	1	0.4	123.9%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0D	1	0.32	300.0%	3.05	-58.2%	4	10.06	-61.8%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 11 of 17

Commodity	ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures								
PETRO OUTRIGHT EURO	0E	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0F	0	-	0	-	0	2.42	-98.5%
PETRO OUTRIGHT EURO	1T	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	5L	0	-	0	-	0	0.25	-100.0%
PETRO OUTRIGHT EURO	63	0	-	0	-	0	0.08	-100.0%
PETRO OUTRIGHT EURO	7I	0	-	0	-	0	0.53	-62.8%
PETRO OUTRIGHT EURO	7R	0	-	0.81	-100.0%	0	0.5	-37.5%
PETRO OUTRIGHT EURO	CBB	0	-100.0%	0	-	0	0.36	-63.2%
PETRO OUTRIGHT EURO	CGB	0	-	0	-	0	0.09	-100.0%
PETRO OUTRIGHT EURO	CPB	25	252.9%	6.19	296.5%	16	8	106.0%
PETRO OUTRIGHT EURO	EFF	0	-	0	-	0	0.16	-100.0%
PETRO OUTRIGHT EURO	EFM	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	ENS	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	EWN	20	2820.1%	4.19	375.1%	10	0.83	1111.0%
PETRO OUTRIGHT EURO	FLB	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	GNO	0	-	0	-	0	0.04	-100.0%
PETRO OUTRIGHT EURO	H5G	0	-	0	-	0	1.07	-100.0%
PETRO OUTRIGHT EURO	JFB	0	-	0	-	0	0.04	11.5%
PETRO OUTRIGHT EURO	M1B	64	-26.5%	33.67	89.7%	59	39.96	47.0%
PETRO OUTRIGHT EURO	MBB	0	-100.0%	0	-	1	0.2	382.0%
PETRO OUTRIGHT EURO	MBN	22	-53.6%	10	123.2%	17	18.1	-6.8%
PETRO OUTRIGHT EURO	MEF	2	-60.2%	0.86	138.7%	10	6.47	47.2%
PETRO OUTRIGHT EURO	MQA	3	-	0.14	1903.9%	1	0	-
PETRO OUTRIGHT EURO	R53	1	-	0	-	1	0.62	-11.1%
PETRO OUTRIGHT EURO	R5B	0	-	0	-	0	0.04	462.5%
PETRO OUTRIGHT EURO	R5M	66	264.3%	103	-35.5%	61	18.25	234.1%
PETRO OUTRIGHT EURO	R5O	52	38.6%	54	-3.5%	37	41.49	-11.1%
PETRO OUTRIGHT EURO	RBM	2	-	0	-	0	0.23	14.0%
PETRO OUTRIGHT EURO	S5B	0	-	0	-	0	0.02	-16.5%
PETRO OUTRIGHT EURO	S5F	6	64.0%	5.05	10.8%	5	4.77	8.8%
PETRO OUTRIGHT EURO	S5M	97	69.4%	95.86	0.8%	86	69.62	22.9%
PETRO OUTRIGHT EURO	S5O	118	605.5%	143.05	-17.7%	66	34.23	94.0%
PETRO OUTRIGHT EURO	SMU	0	-	2.38	-100.0%	6	0	-
PETRO OUTRIGHT EURO	T0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	T2B	0	-	0	-	0	0.08	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 12 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
PETRO OUTRIGHT EURO	TLB	0	0	-	1.57	-100.0%	0	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	0	1.64	-100.0%
PETRO OUTRIGHT EURO	UNB	0	0	-	0	-	0	1.19	-100.0%
PETRO OUTRIGHT EURO	V0	0	0	-	6.29	-100.0%	2	0	-
PETRO OUTRIGHT NA	A8B	2	17.05	-86.7%	0	-	5	1.48	205.2%
PETRO OUTRIGHT NA	AB6	13	3.41	273.3%	8.1	57.2%	9	4.43	113.0%
PETRO OUTRIGHT NA	BCR	93	9.09	925.0%	104.76	-11.1%	90	11.89	659.6%
PETRO OUTRIGHT NA	DBB	0	0	-	0	-	0	0.3	-100.0%
PETRO OUTRIGHT NA	FCB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	H5B	0	0	-	0	-	0	7.25	-100.0%
PETRO OUTRIGHT NA	JE	0	2.05	-100.0%	0	-	1	3.97	-72.5%
PETRO OUTRIGHT NA	JET	20	14.77	38.5%	5.95	243.6%	18	29.31	-37.7%
PETRO OUTRIGHT NA	JTB	32	2.27	1300.0%	0	-	5	8.52	-36.4%
PETRO OUTRIGHT NA	MBL	0	0	-	2.86	-100.0%	3	0.54	435.7%
PETRO OUTRIGHT NA	MEN	9	0.45	1830.2%	14.67	-40.2%	4	2.36	89.4%
PETRO OUTRIGHT NA	MEO	6	12.05	-49.1%	17.1	-64.1%	20	51.8	-61.2%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-	0	0.15	-100.0%
PETRO OUTRIGHT NA	MMF	0	0	-	0	-	0	0.28	-6.8%
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 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	0	-
PJM NI HUB 5MW REAL TIME	B6	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	0	-
PJM WESTH RT PEAK	L1	0	0	-	0	-	0	62.51	-100.0%
PLASTICS	PGP	40	46.95	-15.1%	96.48	-58.7%	64	51.17	25.2%
PREMIUM UNLD 10P FOB MED	3G	0	0	-	0	-	1	0.62	17.6%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	89	20.77	327.8%	63.48	40.0%	67	74.25	-9.9%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 13 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Futures									
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	490	1,174.82	-58.3%	1,055.9	-53.6%	764	1,159.2	-34.1%
RBOB CALENDAR SWAP	RL	333	265.36	25.3%	217.67	52.8%	320	264.01	21.3%
RBOB CRACK SPREAD	RM	35	37.5	-5.5%	27.38	29.5%	89	49.84	79.0%
RBOB GASOLINE BALMO CLNDR	1D	6	15.05	-60.7%	39.67	-85.1%	36	24.44	45.6%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	0	0	-	0	-	4	22.39	-80.4%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-	0	0.16	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0.15	-40.8%
SINGAPORE 380CST FUEL OIL	SE	6	4.14	45.1%	9	-33.3%	9	9.57	-10.6%
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	-	0	0.85	-100.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-	0	0.32	-100.0%
SINGAPORE GASOIL	MAF	18	9.41	87.0%	16.67	5.5%	14	9.57	44.1%
SINGAPORE GASOIL	MTB	0	0.45	0.0%	0	-	0	0.28	-13.6%
SINGAPORE GASOIL	MTS	15	14	4.9%	20.81	-29.4%	18	15.06	16.3%
SINGAPORE GASOIL	SBM	3	3.55	-28.2%	2.86	-10.9%	1	2.09	-55.6%
SINGAPORE GASOIL CALENDAR	MSG	28	24.09	17.0%	11.19	151.8%	36	31.64	12.5%
SINGAPORE GASOIL SWAP	SG	47	189.27	-75.0%	10.71	340.8%	57	57.21	-0.5%
SINGAPORE GASOIL VS ICE	GA	66	0	-	51.43	28.2%	50	1.11	4371.0%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	0	1.36	-100.0%
SINGAPORE JET KERO GASOIL	RK	34	0	-	83.71	-59.3%	18	2.27	685.4%
SINGAPORE JET KEROSENE SW	KS	0	28.18	-100.0%	61.9	-100.0%	14	27.54	-50.5%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	2	0.69	249.9%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	25	7.95	209.7%	34.52	-28.6%	31	96.66	-67.9%
Sumas Basis Swap	NK	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	1	0.18	569.2%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	2	0.55	344.6%
TCO BASIS SWAP	TC	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	TL	34	13.82	146.7%	40.24	-15.3%	52	92.74	-44.4%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-	0	4.18	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	-	0	-	0	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	82.73	-100.0%	0	-	10	23.62	-57.4%
ULSD UP-DOWN BALMO SWP	1L	460	186.82	146.4%	297.86	54.5%	259	245.08	5.5%
UP DOWN GC ULSD VS NMX HO	LT	1,250	1,252.23	-0.2%	1,443.76	-13.4%	1,609	2,101.28	-23.4%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 14 of 17

Commodity	ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
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Energy Futures

WAHA BASIS	NW	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	0	0	-
WTI-BRENT CALENDAR SWAP	BK	2,157	1,253.68	72.0%	3,830.95	-43.7%	2,460	1,706.68	44.1%
WTI CALENDAR	CS	3,205	1,961.05	63.5%	2,591.24	23.7%	2,564	2,760.06	-7.1%
WTI MIDLAND CRUDE OIL	WTL	18	0	-	0	-	12	1.19	922.3%
WTS (ARGUS) VS WTI SWAP	FF	22	65.91	-66.9%	0	-	154	223.72	-31.1%
WTS (ARGUS) VS WTI TRD MT	FH	1	31.14	-95.6%	14.29	-90.5%	25	51.68	-50.8%

Energy Options

BRENT CALENDAR SWAP	BA	0	4.5	-100.0%	2.14	-100.0%	12	30.15	-59.1%
BRENT CRUDE OIL 1 M CSO	9C	23	0	-	0	-	788	144.96	443.5%
BRENT OIL LAST DAY	BE	273	1,495.55	-81.8%	364.24	-25.1%	944	1,626.55	-41.9%
BRENT OIL LAST DAY	BZO	1,301	1,485.95	-12.5%	2,389.62	-45.6%	1,268	2,194.28	-42.2%
BRENT OIL LAST DAY	OS	0	0	-	0	-	0	0.1	-100.0%
COAL API2 INDEX	F2C	1	0	-	9.05	-87.4%	6	0	-
COAL API2 INDEX	F2Q	0	0	-	2.38	-100.0%	4	0	-
CRUDE OIL	6Y	0	0	-	0	-	0	0.2	-100.0%
CRUDE OIL 1MO	WA	3,378	5,252.27	-35.7%	2,805.24	20.4%	5,215	8,781.55	-40.6%
CRUDE OIL APO	AO	3,724	2,939.91	26.7%	770.1	383.6%	1,655	2,711.68	-39.0%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0.67	-100.0%
CRUDE OIL PHY	CD	0	0	-	0	-	0	7.31	-100.0%
CRUDE OIL PHY	LC	501	217.05	130.8%	1,043.29	-52.0%	605	475.35	27.3%
CRUDE OIL PHY	LO	109,721	75,260.41	45.8%	160,313.38	-31.6%	119,072	116,866.37	1.9%
CRUDE OIL PHY	LO1	803	528.45	52.0%	2,557.81	-68.6%	1,021	769.64	32.7%
CRUDE OIL PHY	LO2	703	331.77	112.0%	1,378.14	-49.0%	835	475.83	75.5%
CRUDE OIL PHY	LO3	682	263.36	158.9%	1,368.24	-50.2%	658	490.01	34.3%
CRUDE OIL PHY	LO4	841	441.5	90.4%	1,921.38	-56.2%	1,106	771.15	43.4%
CRUDE OIL PHY	LO5	992	0	-	0	-	401	235.25	70.6%
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0.17	-100.0%
ETHANOL SWAP	CVR	235	130.23	80.3%	293.95	-20.1%	165	203.68	-18.8%
ETHANOL SWAP	GVR	0	0	-	0	-	0	2.37	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	81.82	-100.0%	0	-	8	11.86	-33.7%
HEATING OIL PHY	FZ	0	0	-	0	-	9	0	-
HEATING OIL PHY	LB	53	0	-	0	-	12	13.94	-12.3%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 15 of 17

Commodity		ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Options									
HEATING OIL PHY	OH	537	304.14	76.7%	574.86	-6.5%	411	607.62	-32.4%
HENRY HUB FINANCIAL LAST	E7	577	248.86	131.8%	252.95	128.1%	400	325.43	22.8%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	1	0.4	100.8%
LLS CRUDE OIL	WTO	82	0	-	0	-	7	5.53	29.1%
MCCLOSKEY ARA ARGS COAL	MTO	0	129.82	-100.0%	0	-	2	43.89	-95.1%
MCCLOSKEY RCH BAY COAL	MFO	0	0	-	0	-	0	1.88	-100.0%
NATURAL GAS 1 M CSO FIN	G4	4,481	1,652.27	171.2%	3,629.52	23.5%	2,959	4,450.43	-33.5%
NATURAL GAS 2 M CSO FIN	G2	375	377.27	-0.6%	388.1	-3.4%	153	110.47	38.3%
NATURAL GAS 3 M CSO FIN	G3	0	281.82	-100.0%	0	-	984	1,977.17	-50.2%
NATURAL GAS 5 M CSO FIN	G5	8	45.45	-83.1%	250	-96.9%	75	49.21	51.8%
NATURAL GAS 6 M CSO FIN	G6	575	27.27	2008.3%	335.71	71.3%	506	600.79	-15.7%
NATURAL GAS OPT	JKO	82	0	-	119.05	-31.3%	93	0	-
NATURAL GAS OPT	TFO	0	40.91	-100.0%	0	-	610	860.95	-29.1%
NATURAL GAS OPTION ON CALENDAR STR	6J	24	250	-90.4%	100	-75.9%	253	152.49	66.2%
NATURAL GAS PHY	KD	22	113.18	-80.9%	13.57	59.1%	84	169.38	-50.3%
NATURAL GAS PHY	LN	58,117	99,409.23	-41.5%	63,565.81	-8.6%	94,157	112,459.76	-16.3%
NATURAL GAS PHY	ON	3,552	3,611.36	-1.6%	3,816.76	-6.9%	4,140	5,760.49	-28.1%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	0	1.58	-100.0%
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-	0	2.37	-100.0%
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	29	63.45	-55.1%	111.52	-74.4%	50	76.18	-34.2%
PETROCHEMICALS	4H	19	0.18	10401.0%	18.57	2.8%	41	2.62	1460.7%
PETROCHEMICALS	4J	4	0	-	0	-	6	2.49	122.3%
PETROCHEMICALS	4K	0	0	-	0	-	0	4.11	-100.0%
PETROCHEMICALS	CPR	0	0	-	0	-	1	0.5	43.4%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-	0	0.02	-100.0%
PETRO OUTRIGHT NA	1N5	0	0	-	0	-	0	0.79	-100.0%
PETRO OUTRIGHT NA	DAP	10	10.23	-6.7%	5.71	67.0%	6	6.09	5.6%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	3.04	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	RA	0	0	-	0	-	5	8.54	-40.8%
RBOB PHY	OB	140	195.18	-28.4%	306.76	-54.5%	338	378.36	-10.7%
RBOB PHY	RF	1	0	-	0	-	2	4.12	-50.9%
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-	0	0	-
SHORT TERM	U11	0	4.55	-100.0%	0	-	0	0.99	-79.9%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 16 of 17

	Commodity	ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Energy Options									
SHORT TERM	U12	0	0	-	2.38	-100.0%	1	2.37	-74.9%
SHORT TERM	U13	16	0	-	0	-	2	2.37	-8.0%
SHORT TERM	U14	2	0	-	0	-	1	0.79	75.7%
SHORT TERM	U15	0	4.55	-100.0%	0	-	1	3.16	-56.1%
SHORT TERM	U22	5	4.55	0.0%	0	-	0	0.4	0.4%
SHORT TERM	U23	0	0	-	0	-	0	0.59	-100.0%
SHORT TERM	U24	0	0	-	0	-	0	0.2	100.8%
SHORT TERM	U25	0	0	-	0	-	1	0	-
SHORT TERM	U26	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U01	0	0	-	2.38	-100.0%	1	1.98	-44.8%
SHORT TERM NATURAL GAS	U02	0	6.82	-100.0%	0	-	3	2.77	-6.8%
SHORT TERM NATURAL GAS	U03	2	0	-	0	-	1	2.57	-76.8%
SHORT TERM NATURAL GAS	U04	0	0	-	9.52	-100.0%	2	5.34	-59.1%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	1	1.38	-42.6%
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	3	0.59	435.4%
SHORT TERM NATURAL GAS	U07	0	0	-	0	-	1	2.37	-45.6%
SHORT TERM NATURAL GAS	U08	0	0	-	0	-	0	1.58	-87.5%
SHORT TERM NATURAL GAS	U09	0	2.27	-100.0%	0	-	1	1.19	0.4%
SHORT TERM NATURAL GAS	U10	2	0	-	0	-	1	1.78	-66.5%
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	0	1.19	-74.9%
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	1	1.48	-59.8%
SHORT TERM NATURAL GAS	U18	0	0	-	0	-	0	0.79	-49.8%
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	0	1.28	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	1	1.19	0.4%
SHORT TERM NATURAL GAS	U21	0	0	-	0	-	1	0.79	50.6%
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	0	4.55	-95.6%
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	0	2.37	-83.3%
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	3.75	-94.7%
SHORT TERM NATURAL GAS	U30	0	0	-	0	-	1	4.25	-76.7%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	0	0.59	-100.0%
WTI-BRENT BULLET SWAP	BV	2,492	1,052.27	136.8%	2,591.67	-3.8%	1,551	2,100.13	-26.2%
WTI CRUDE OIL 1 M CSO FI	7A	520	854.55	-39.1%	1,908.81	-72.7%	3,009	4,026.36	-25.3%

NYMEX/COMEX Exchange ADV Report - Monthly

December 2021

Page 17 of 17

Commodity	ADV DEC 2021	ADV DEC 2020	% CHG	ADV NOV 2021	% CHG	ADV Y.T.D 2021	ADV Y.T.D 2020	% CHG
Ag Products Futures								
KT	0	0	-	0	-	0	0.01	0.0%
TT	0	0.09	-100.0%	0	-	0	0.23	-100.0%
YO	0	0	-	0	-	0	0.04	-100.0%
Energy Futures								
	0	0.09	-100.0%	0	-	0	0.28	-97.2%
	1,657,961	1,575,582	5.2%	2,148,716.43	-22.8%	1,943,802	2,123,945.81	-8.5%
	302,612	442,707.82	-31.6%	569,424.1	-46.9%	496,203	629,313.06	-21.2%
	1,960,573	2,018,289.91	-2.9%	2,718,140.52	-27.9%	2,440,005.79	2,753,259.15	-11.4%
Metals Futures								
	194,904	197,122.95	-1.1%	253,222.62	-23.0%	243,656	270,060.93	-9.8%
	33,101	39,920.73	-17.1%	61,168.57	-45.9%	51,840	70,169.13	-26.1%
	228,005	237,043.68	-3.8%	314,391.19	-27.5%	295,495.8	340,230.06	-13.1%
Energy Options								
	335,713	482,628.55	-30.4%	630,592.67	-46.8%	548,043	699,482.19	-21.7%
	1,852,865	1,772,704.95	4.5%	2,401,939.05	-22.9%	2,187,458	2,394,006.73	-8.6%
	0	0.09	-100.0%	0	-	0	0.28	-97.2%
	2,188,578	2,255,333.59	-3.0%	3,032,531.71	-27.8%	2,735,501.59	3,093,489.21	-11.6%