

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 1 of 21

Commodity	ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG	
Metals Futures									
COMEX GOLD	GC	272,790	296,035.39	-7.9%	344,341.38	-20.8%	342,322	268,706.23	27.4%
NYMEX HOT ROLLED STEEL	HR	749	318.09	135.6%	517.19	44.9%	497	229.15	117.0%
NYMEX PLATINUM	PL	17,944	17,168.87	4.5%	18,738.9	-4.2%	21,470	18,026.49	19.1%
PALLADIUM	PA	7,657	7,137.09	7.3%	4,695.76	63.1%	5,949	6,004.43	-0.9%
URANIUM	UX	8	10.09	-18.1%	24.81	-66.7%	13	26.53	-52.0%
COMEX SILVER	SI	102,787	113,246.09	-9.2%	75,352.67	36.4%	100,269	92,562.68	8.3%
COMEX E-Mini GOLD	QO	337	298.39	13.1%	548.38	-38.5%	355	392.57	-9.6%
COMEX E-Mini SILVER	QI	53	34.57	52.2%	53.48	-1.6%	58	42.82	35.1%
COMEX COPPER	HG	147,932	128,042.91	15.5%	134,914.05	9.6%	140,720	101,105.46	39.2%
COMEX MINY COPPER	QC	17	29.3	-43.5%	17.14	-3.4%	23	36.63	-36.7%
ALUMINUM	A38	0	0	-	0	-	0	0.18	-100.0%
ALUMINUM	AEP	19	180	-89.5%	33.81	-44.1%	71	130.53	-45.9%
ALUMINUM	ALA	16	86.52	-81.9%	45.95	-65.9%	32	14.52	116.9%
ALUMINUM	ALI	0	2.3	-100.0%	0	-	0	33.07	-100.0%
ALUMINUM	AUP	151	323.74	-53.5%	247.67	-39.2%	442	351.89	25.7%
ALUMINUM	CUP	0	0	-	0	-	1	0	-
ALUMINUM	EDP	16	182.61	-91.0%	75.71	-78.4%	63	51.96	21.0%
ALUMINUM	MJP	46	74.35	-38.0%	24.76	86.1%	56	59.82	-6.7%
COPPER	HGS	22	18.83	15.5%	0	-	66	8.44	680.9%
E-MICRO GOLD	MGC	7,137	4,664.22	53.0%	6,031	18.3%	6,336	4,246.13	49.2%
FERROUS PRODUCTS	BUS	86	9.57	800.0%	35.43	143.0%	78	4.46	1646.8%
GOLD	GPS	0	0	-	0	-	0	0.01	-100.0%
Gold Kilo	GCK	0	12.78	-100.0%	0	-	1	16.84	-95.2%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	76.96	-100.0%	0	-	0	47.51	-100.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	224	310.74	-27.9%	230.57	-2.9%	192	464.62	-58.6%
LNDN ZINC	ZNC	62	0	-	73.24	-14.8%	25	0.51	4888.7%
SILVER	SIL	410	477.74	-14.1%	316.43	29.6%	359	284.55	26.1%
Metals Options									
COMEX COPPER	HX	1,250	453.57	175.6%	1,673.33	-25.3%	1,187	232.27	411.1%
COMEX GOLD	OG	55,061	43,475.96	26.6%	44,139	24.7%	47,150	39,115.41	20.5%
COMEX SILVER	SO	8,590	7,484.74	14.8%	6,856.14	25.3%	7,490	5,855.09	27.9%
COPPER	H1E	0	0	-	0.1	174.1%	0	0	-
COPPER	H2E	2	0	-	2.24	3.0%	1	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 2 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Metals Options									
COPPER	H3E	4	0	-	0	-	1	0	-
COPPER	H4E	2	0	-	3.81	-54.3%	1	0	-
COPPER	H5E	1	0	-	0	-	0	0	-
GOLD	OG1	409	227.13	80.0%	733.19	-44.3%	498	145.34	242.9%
GOLD	OG2	399	321.96	24.1%	617.76	-35.3%	429	163.4	162.5%
GOLD	OG3	621	167.83	269.9%	672.67	-7.7%	529	172.32	206.8%
GOLD	OG4	367	102.91	256.9%	340.9	7.8%	302	80.96	273.6%
GOLD	OG5	463	0	-	0	-	154	34.47	346.8%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	206.52	-100.0%	0	-	1	78.58	-98.5%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	195.65	-100.0%	0	-	8	129.14	-94.1%
NIKKEI 225 (YEN) STOCK	H1E	0	0	-	0.52	-17.0%	0	0	-
NYMEX PLATINUM	PO	173	188.91	-8.3%	321.71	-46.2%	191	132.72	44.2%
PALLADIUM	PAO	145	585	-75.3%	97.86	47.9%	145	270.11	-46.2%
SILVER	SO1	30	0.83	3536.8%	54.24	-44.6%	18	3.23	456.8%
SILVER	SO2	28	0.26	10515.4%	27.67	0.1%	14	1.15	1145.1%
SILVER	SO3	54	0.43	12239.5%	71.76	-25.2%	27	3.43	676.7%
SILVER	SO4	16	0	-	13.05	25.6%	10	0.68	1318.9%
SILVER	SO5	40	0	-	0	-	12	0.02	69054.7%
Energy Futures									
CRUDE OIL PHY	CL	854,829	1,509,803.17	-43.4%	1,097,915.52	-22.1%	1,245,643	1,247,683.7	-0.2%
CRUDE OIL	WS	22	248	-91.2%	228.57	-90.5%	93	265.99	-65.2%
MINY WTI CRUDE OIL	QM	13,492	13,230.7	2.0%	19,197.67	-29.7%	15,919	12,616.02	26.2%
BRENT OIL LAST DAY	BZ	52,652	93,001.17	-43.4%	78,620.33	-33.0%	83,203	94,753.36	-12.2%
HEATING OIL PHY	HO	155,046	206,951	-25.1%	158,391.19	-2.1%	184,118	173,303.62	6.2%
HTG OIL	BH	0	2.17	-100.0%	1.71	-100.0%	0	1.3	-61.7%
MINY HTG OIL	QH	0	0.13	133.4%	0.19	59.7%	0	0.13	37.3%
RBOB PHY	RB	211,257	252,334.43	-16.3%	188,542.95	12.0%	199,575	208,044.28	-4.1%
MINY RBOB GAS	QU	0	0.17	25.0%	0.19	14.1%	0	0.21	-20.5%
NATURAL GAS	HP	3,103	4,172.17	-25.6%	3,564.05	-12.9%	5,266	6,939.55	-24.1%
LTD NAT GAS	HH	13,597	12,074.91	12.6%	12,572.81	8.1%	15,986	13,997.73	14.2%
MINY NATURAL GAS	QG	745	728.22	2.3%	879.05	-15.3%	1,202	1,198.45	0.3%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 3 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
PJM MONTHLY	JM	0	0	-	0	-	0	0.71	-100.0%
NATURAL GAS PHY	NG	367,913	354,754.61	3.7%	337,695.81	8.9%	415,059	409,539.44	1.3%
RBOB GAS	RT	0	139.61	-100.0%	1.71	-100.0%	85	114.07	-25.4%
3.5% FUEL OIL CID MED SWA	7D	3	0.43	500.0%	0	-	3	5.28	-42.6%
3.5% FUEL OIL CIF BALMO S	8D	0	0.22	-100.0%	0	-	1	1.04	-46.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-	0	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	0	0	-
ALGON CITY GATES NAT GAS	N7	0	0	-	0	-	0	0	-
ALGONQUIN CITYGATES BASIS	B4	0	0	-	0	-	0	0	-
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	0	-
ANR OKLAHOMA	NE	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	653	713.74	-8.6%	570	14.5%	1,107	352.24	214.3%
ARGUS PROPAN FAR EST INDE	7E	239	215.61	10.6%	186.57	27.8%	271	107.46	152.1%
ARGUS PROPAN(SAUDI ARAMCO	9N	148	57.83	155.9%	96.38	53.5%	122	47.17	157.9%
AUSTRALIAN COKE COAL	ACT	0	0	-	0	-	0	0	-
AUSTRALIAN COKE COAL	ALW	0	0.43	-100.0%	0	-	0	5.97	-100.0%
BRENT BALMO SWAP	J9	0	0	-	6.43	-100.0%	1	2.85	-61.5%
BRENT CALENDAR SWAP	CY	130	300.09	-56.6%	79.48	64.0%	166	141.8	16.8%
BRENT CFD SWAP	6W	0	0	-	0	-	2	0	-
BRENT FINANCIAL FUTURES	BB	43	0	-	0	-	84	244.11	-65.4%
BRENT FINANCIAL FUTURES	MBC	0	0	-	6.05	-100.0%	1	0	-
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	1	1.19	11.3%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAISO SP15 EZGNHUB5 MW P	9X	0	0	-	0	-	0	47.26	-100.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	0	11.74	-100.0%	0	-	0	43.27	-100.0%
CENTERPOINT BASIS SWAP	PW	0	0	-	0	-	0	3.18	-93.3%
CEU ENERGY	DEB	40	0	-	0	-	18	0	-
CEU ENERGY	TTF	18	0	-	22.95	-21.0%	45	0	-
CEU ENERGY	UKG	58	0	-	302	-80.8%	241	0	-
CHICAGO ETHANOL SWAP	CU	4,854	5,148.04	-5.7%	3,188.24	52.2%	4,757	5,438.73	-12.5%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	25	10.87	134.4%	26.19	-2.7%	18	7.33	152.0%
CHICAGO UNL GAS PL VS RBO	3C	9	0	-	5.95	46.1%	6	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 4 of 21

Commodity	ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures								
CIG BASIS	0	0	-	0	-	1	4.32	-73.2%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-	0	4.29	-100.0%
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	0	0	-
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH O PK	0	695.65	-100.0%	0	-	0	1,658.81	-100.0%
CIN HUB 5MW D AH PK	53	24.09	119.1%	57.9	-8.8%	59	84.65	-30.0%
CIN HUB 5MW REAL TIME O P	0	695.65	-100.0%	0	-	0	2,363.1	-100.0%
CIN HUB 5MW REAL TIME PK	0	0	-	10.95	-100.0%	1	148.66	-99.1%
COAL SWAP	1	1.74	-62.5%	1.43	-54.3%	3	7.26	-62.1%
COAL SWAP	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	0	0	-	0	-	0	5.95	-100.0%
COLUMBIA GULF ONSHORE	0	0	-	0	-	0	7.93	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8	30.65	-74.0%	4.24	87.7%	9	14.85	-40.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	5	62.39	-92.3%	9.95	-51.9%	15	39.87	-62.4%
CONWAY PROPANE 5 DECIMALS SWAP	853	404.48	110.8%	636.38	34.0%	772	420.19	83.8%
CRUDE OIL	170	178.26	-4.9%	245.24	-30.9%	224	187.51	19.5%
CRUDE OIL OUTRIGHTS	4	9.91	-57.0%	11.57	-63.2%	11	24.22	-53.7%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	3.57	-100.0%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	17	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	0.18	-100.0%
CRUDE OIL OUTRIGHTS	68	5.22	1200.0%	0	-	9	12.02	-23.0%
CRUDE OIL OUTRIGHTS	0	20.65	-100.0%	0	-	1	9.08	-93.5%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	1.96	-100.0%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	1	0.65	-5.1%
CRUDE OIL OUTRIGHTS	1,528	1,208.91	26.4%	1,915.48	-20.2%	2,412	541.55	345.3%
CRUDE OIL OUTRIGHTS	1	28.04	-95.3%	0	-	2	5.27	-64.1%
CRUDE OIL OUTRIGHTS	0	3.91	-100.0%	0	-	0	4.73	-100.0%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	28	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-	45	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	147.24	-100.0%
CRUDE OIL OUTRIGHTS	103	491.74	-79.1%	131.33	-21.9%	333	244.17	36.5%
CRUDE OIL PHY	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	0	0	-	0	-	12	0	-
CRUDE OIL SPRDS	984	771.52	27.5%	1,415.52	-30.5%	2,167	308.83	601.5%
CRUDE OIL TRADE AT MARKER SINGAPOR	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 5 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
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	8.33	-100.0%
DATED TO FRONTLINE BRENT	FY	0	84.78	-100.0%	4.05	-100.0%	19	68.75	-73.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0	-
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-	0	0.02	-100.0%
DOMINION TRAN INC - APP I	IH	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	PG	0	0	-	0	-	1	288.79	-99.7%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	1	0	-
DUBAI CRUDE OIL CALENDAR	DC	38	261.96	-85.5%	98.81	-61.5%	88	433.48	-79.7%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	0	8.93	-100.0%
EASTERN RAIL DELIVERY CSX	QX	0	18.26	-100.0%	0.71	-100.0%	1	27.59	-94.7%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	1.43	-100.0%	1	7.47	-85.2%
EIA FLAT TAX ONHWAY DIESE	A5	9	4.17	114.6%	1.48	506.7%	10	36.99	-73.0%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	I3	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	I7	0	0	-	0	-	0	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	0	-	116	0	-
ELEC FINSETTLED	47	0	0	-	0	-	0	0	-
ELEC FINSETTLED	49	0	0	-	0	-	0	0	-
ELEC MISO PEAK	4L	0	0	-	0	-	0	22.77	-100.0%
ELEC MISO PEAK	55	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-	0	417.86	-100.0%
ELEC NYISO OFF-PEAK	58	0	0	-	0	-	0	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-	0	4.11	-100.0%
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 6 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
ELECTRICITY OFF PEAK	50	0	0	-	0	-	0	0	-
ELEC WEST POWER OFF-PEAK	MDA	0	0	-	0	-	0	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	-	0	9.17	-100.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWA	I1	0	95.65	-100.0%	0	-	12	23.1	-50.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	0	921.74	-100.0%	0	-	116	213.81	-45.8%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	95.65	-100.0%	0	-	30	28.04	6.6%
ETHANOL SWAP	MT2	1	0	-	5.71	-84.8%	2	0	-
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	123	120.96	1.8%	111.38	10.6%	139	180.4	-23.1%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-	0	0.11	38.1%
EURO 3.5% FUEL OIL RDAM B	KR	20	9.78	103.1%	33.38	-40.5%	31	21.52	42.0%
EURO 3.5% FUEL OIL SPREAD	FK	5	10.13	-46.4%	0.81	571.4%	5	24.98	-80.2%
EURO-DENOMINATED PETRO PROD	NCP	28	1.04	2566.6%	0	-	4	8.12	-53.4%
EURO GASOIL 10PPM VS ICE	ET	0	2.87	-100.0%	0	-	2	2.05	6.9%
EUROPE 1% FUEL OIL NWE CA	UF	0	0.87	-100.0%	2.29	-100.0%	2	4.07	-46.7%
EUROPE 1% FUEL OIL RDAM C	UH	0	0.13	-100.0%	0	-	0	0.23	-92.3%
EUROPE 3.5% FUEL OIL MED	UI	4	0.43	850.0%	0.1	4238.7%	5	6.99	-35.0%
EUROPE 3.5% FUEL OIL RDAM	UV	176	120.09	46.5%	366.52	-52.0%	405	358.81	12.8%
EUROPEAN GASOIL (ICE)	7F	15	171.52	-91.5%	15.14	-4.1%	22	164.08	-86.8%
EUROPEAN NAPHTHA BALMO	KZ	12	14.39	-16.3%	19.52	-38.3%	14	18.27	-25.9%
EUROPEAN NAPHTHA CRACK SPR	EN	387	294.91	31.2%	377.38	2.5%	429	342.93	25.1%
EUROPE DATED BRENT SWAP	UB	0	5.39	-100.0%	0	-	0	11.55	-100.0%
EUROPE JET KERO NWE CALSW	UJ	1	1.83	-57.1%	0.29	173.9%	0	0.61	-62.0%
EUROPE NAPHTHA CALSWAP	UN	164	145.3	13.1%	194.29	-15.4%	162	138.69	16.5%
EURO PROPANE CIF ARA SWA	PS	63	63.04	-0.5%	56.62	10.8%	83	56.03	47.4%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	12	17.52	-30.0%	8.43	45.5%	6	7.64	-17.4%
FREIGHT MARKETS	FRC	3	0	-	0	-	4	0	-
FREIGHT MARKETS	FRS	0	0	-	0	-	0	0	-
FREIGHT MARKETS	T2D	8	0	-	15.71	-48.8%	13	0	-
FREIGHT MARKETS	TC6	0	0	-	0	-	1	0	-
FREIGHT MARKETS	TD3	0	0	-	1.43	-100.0%	0	0	-
FUEL OIL CRACK VS ICE	FO	71	58.04	22.1%	110.1	-35.6%	190	195.96	-3.1%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	1	0	-
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	1	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 7 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
FUEL OIL (PLATS) CAR CN	1X	0	0	-	2.29	-100.0%	1	0	-
FUELOIL SWAP:CARGOES VS.B	FS	7	7.39	-2.9%	9.67	-25.8%	11	15.21	-27.0%
GAS EURO-BOB OXY NWE BARGES	7H	282	313.13	-10.0%	343.29	-17.9%	368	341.3	7.7%
GAS EURO-BOB OXY NWE BARGES CRK	7K	572	983.26	-41.8%	626.33	-8.7%	904	922.9	-2.1%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-	0	0	-
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.3	-80.1%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-	0	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-	0	0.12	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.89	-93.4%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.22	0.0%	4.52	-95.2%	7	0.51	1373.4%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-	0	0.15	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	2.61	-100.0%	0	-	0	3.52	-98.0%
GASOIL BULLET SWAP	BG	0	0	-	0	-	0	0.18	-100.0%
GASOIL CALENDAR SWAP	GX	0	0	-	0	-	0	1.43	-77.7%
GASOIL CRACK SPREAD CALEN	GZ	123	197.61	-37.7%	72.57	69.7%	210	359.69	-41.5%
GASOIL MINI CALENDAR SWAP	QA	7	8.17	-8.5%	18.29	-59.1%	9	7.09	20.4%
GROUP THREE ULSD (PLATTS)	A7	1	0	-	0	-	1	0.74	63.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-	3	0	-
GRP THREE ULSD(PLT)VS HEA	A6	125	396.39	-68.4%	98.1	27.6%	164	180.52	-9.1%
GRP THREE UNL GS (PLT) VS	A8	86	71.52	20.7%	102.86	-16.1%	93	31.54	196.0%
GULF COAST 3% FUEL OIL BA	VZ	43	12.43	243.0%	87.9	-51.5%	68	55.93	21.3%
GULF COAST JET FUEL CLNDR	GE	10	1.83	473.8%	2.86	266.7%	7	5.61	21.9%
GULF COAST JET VS NYM 2 H	ME	1,302	2,487.83	-47.7%	1,315.62	-1.1%	1,785	2,143.08	-16.7%
GULF COAST NO.6 FUEL OIL	MF	2,016	1,830.04	10.2%	2,269.76	-11.2%	2,795	2,483.32	12.6%
GULF COAST NO.6 FUEL OIL	MG	23	27.96	-17.6%	39.76	-42.0%	88	62.85	40.0%
GULF COAST ULSD CALENDAR	LY	9	3.48	168.7%	4.67	100.3%	12	24.29	-50.7%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	8	23.04	-66.7%
HEATING OIL BALMO CLNDR S	1G	0	0	-	0	-	1	4.94	-73.3%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	3	0	-	0	-	44	303.69	-85.4%
HENRY HUB FINANCIAL LAST	NBP	192	23.87	704.9%	189.29	1.5%	133	3.62	3573.1%
HENRY HUB FINANCIAL LAST	TTE	3	1.39	143.8%	3.29	3.2%	5	0.74	585.4%
HENRY HUB INDEX SWAP FUTU	IN	3	0	-	0	-	44	290.65	-84.7%
HENRY HUB SWAP	NN	8,477	11,323.57	-25.1%	9,641	-12.1%	8,326	8,692.97	-4.2%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	22.48	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	0	4.28	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 8 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
ICE BRENT DUBAI SWAP	DB	498	62.3	699.2%	373.81	33.2%	491	422	16.3%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-	0	0.05	-100.0%
IN DELIVERY MONTH EUA	6T	0	0	-	0	-	0	16.96	-100.0%
INDIANA MISO	FAD	0	0	-	0	-	0	0	-
INDIANA MISO	FTD	0	0	-	0	-	0	0	-
INDIANA MISO	FTM	0	0	-	0	-	0	0	-
INDIANA MISO	PDD	0	0	-	0	-	0	0	-
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDONESIAN COAL	MCC	0	0	-	0	-	0	0.03	-100.0%
INDONESIAN COAL ICI4	ICI	9	0	-	11.43	-20.1%	6	0	-
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.06	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	32.43	-100.0%	0	-	10	27.57	-63.7%
JAPAN C&F NAPHTHA SWAP	JA	65	47.35	37.4%	97	-32.9%	98	74.96	30.2%
JAPAN NAPHTHA BALMO SWAP	E6	4	0	-	8.81	-52.1%	3	7.82	-62.3%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-	0	0.07	-58.5%
JET CIF NWE VS ICE	JC	0	0.43	-100.0%	6.57	-100.0%	4	4.96	-24.9%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0.03	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0.37	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	239	262.39	-8.9%	162.86	46.8%	283	340.52	-17.0%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-	0	0	-
LA CARB DIESEL (OPIS) SWA	KL	5	19.57	-76.7%	36.9	-87.6%	16	9.94	56.6%
LA CARBOB GASOLINE(OPIS)S	JL	3	14.13	-76.9%	7.14	-54.3%	25	11.16	120.0%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	-	0	-	0	0.15	-100.0%
LA JET (OPIS) SWAP	JS	60	142.39	-57.6%	53.1	13.7%	104	91.64	13.9%
LLS (ARGUS) CALENDAR SWAP	XA	26	0	-	0	-	4	0	-
LLS (ARGUS) VS WTI SWAP	WJ	100	358.48	-72.2%	120.48	-17.3%	276	197.9	39.7%
MARS (ARGUS) VS WTI SWAP	YX	22	147.83	-85.3%	7.14	204.3%	114	150.3	-24.4%
MARS (ARGUS) VS WTI TRD M	YV	431	516.96	-16.6%	293.57	46.8%	1,074	869.16	23.6%
MARS BLEND CRUDE OIL	MB	0	32.17	-100.0%	9.52	-100.0%	14	71.24	-80.7%
MCCLOSKEY ARA ARGS COAL	MTF	828	1,158.13	-28.5%	1,015.24	-18.5%	1,142	2,261.55	-49.5%
MCCLOSKEY RCH BAY COAL	MFF	113	150.3	-24.6%	143.48	-21.0%	157	257.57	-39.2%
MGF FUT	MGF	4	3.87	-1.1%	0	-	1	1.7	-24.2%
MGN1 SWAP FUT	MGN	2	0.87	100.0%	1.43	21.7%	3	5.68	-40.3%
MICHIGAN BASIS	NF	0	0	-	0	-	0	15.43	-100.0%
MICHIGAN MISO	HMO	0	0	-	0	-	0	351.43	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 9 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
MICHIGAN MISO	HMW	0	0	-	0	-	0	19.02	-100.0%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	12	11.09	3.9%	26.29	-56.2%	17	24.11	-27.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	16	49.35	-67.0%	40.52	-59.8%	18	24.3	-26.1%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	92	125.52	-27.0%	76.86	19.3%	80	125.23	-35.9%
MJC FUT	MJC	3	0.87	300.0%	2.38	46.1%	8	4.32	81.7%
MNC FUT	MNC	205	172.61	18.7%	180.57	13.5%	183	208.86	-12.4%
MONT BELVIEU ETHANE 5 DECIMAL	C0	851	715.48	18.9%	548.14	55.2%	740	1,134.27	-34.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	6	7.61	-25.7%	14.29	-60.4%	8	14.57	-47.6%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	4,862	4,431.43	9.7%	4,475.67	8.6%	5,704	4,269.82	33.6%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	43	73.61	-41.7%	117.71	-63.5%	128	86.3	48.2%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	223	100.26	122.5%	215.62	3.4%	378	192.1	96.9%
MONT BELVIEU NATURAL GASOLINE BALM	R0	17	5.09	226.5%	10.24	62.2%	19	11.31	68.8%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	2,028	1,266.13	60.2%	1,882.38	7.8%	1,612	1,337.83	20.5%
MONT BELVIEU NORMAL BUTANE BALMO	8J	48	35.65	34.8%	108.76	-55.8%	51	36.32	40.1%
NAT GAS BASIS SWAP	TZ6	0	18.61	-100.0%	0	-	0	12.89	-100.0%
NATURAL GAS	XIC	0	0	-	0	-	0	0.26	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	DSF	0	0	-	0	-	0	2.14	-100.0%
NATURAL GAS INDEX	TZI	0	0	-	0	-	0	3.9	-100.0%
NATURAL GAS PEN SWP	NP	1,315	2,823.74	-53.4%	1,017.14	29.2%	1,656	4,154.78	-60.1%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	0	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	0	0	-
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	471	1,316.07	-64.2%
NEPOOL INTR HUB 5MW D AH	U6	0	36.52	-100.0%	0	-	26	98.27	-73.7%
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	-
NEPOOL RHD ISLD 5MW D AH	U4	0	0	-	0	-	0	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	0	-	0	-	0	0	-
NEPOOL W CNT MASS 5MW D A	L9	0	0	-	0	-	0	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	45	50	-10.4%	21.43	109.0%	63	34.29	84.1%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-
NGPL MID-CONTINENT	NL	0	57.91	-100.0%	0	-	2	21.88	-89.2%
NGPL TEX/OK	PD	0	83.04	-100.0%	0	-	135	46.23	192.3%
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 10 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	17	4.3	304.0%	4.52	284.4%	15	21.78	-30.5%
NORTHEN NATURAL GAS DEMAR	PE	0	0	-	0	-	0	0	-
NORTHEN NATURAL GAS VENTU	PF	0	0	-	0	-	1	0.5	18.3%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-	0	18.38	-100.0%
N ROCKIES PIPE SWAP	XR	3	0	-	0	-	0	1.99	-82.4%
NY1% VS GC SPREAD SWAP	VR	16	38.04	-57.1%	91.33	-82.1%	77	107.24	-28.6%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-	0	0	-
NY 3.0% FUEL OIL (PLATTS	H1	20	3.26	500.0%	9.52	105.4%	10	18.96	-48.5%
NY HARBOR 1% FUEL OIL BAL	VK	2	0	-	0	-	0	0.15	98.9%
NY HARBOR HEAT OIL SWP	MP	244	86.35	182.7%	95.19	156.4%	95	123.67	-23.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	7	9.78	-33.3%	0	-	17	25.43	-33.8%
NY HARBOR RESIDUAL FUEL 1	MM	43	111.22	-61.3%	42.24	1.8%	54	121.69	-55.4%
NYH NO 2 CRACK SPREAD CAL	HK	4	12.13	-67.7%	17.14	-77.2%	44	67.61	-35.3%
NYISO A	KA	0	0	-	0	-	0	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-	0	0	-
NYISO CAPACITY	LHV	0	0.52	-100.0%	3.71	-100.0%	1	1.66	-12.4%
NYISO CAPACITY	NNC	7	4.17	56.2%	2.76	136.1%	4	9.58	-62.0%
NYISO CAPACITY	NRS	3	4.04	-35.5%	0.86	204.4%	2	9.15	-82.2%
NYISO G	KG	0	0	-	0	-	0	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-	0	0	-
NYISO J	KJ	0	0	-	0	-	0	0	-
NYISO J OFF-PEAK	KK	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH O P	K4	0	0	-	0	-	0	195	-100.0%
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-	0	40.57	-100.0%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-	0	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-	0	0.65	-100.0%
NYISO ZONE G 5MW D AH O P	D2	970	3,662.61	-73.5%	0	-	3,555	4,361.43	-18.5%
NYISO ZONE G 5MW D AH PK	T3	0	211.04	-100.0%	0	-	108	314.34	-65.6%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-	0	1,348.81	-100.0%
NYISO ZONE J 5MW D AH PK	D3	0	37.83	-100.0%	0	-	0	137.89	-100.0%
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	0	21.74	-100.0%	3.76	-100.0%	1	48.93	-97.4%
ONEOK OKLAHOMA NG BASIS	8X	64	8.52	646.9%	0	-	9	1.17	642.5%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 11 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OPD	0	0.43	-100.0%	0	-	0	2.95	-98.0%
ONTARIO POWER SWAPS	OPM	0	0	-	0	-	0	3.87	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-	2	18.21	-91.1%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	0	5.14	-100.0%
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	6.01	-100.0%
PETROCHEMICALS	22	8	4.83	71.2%	8.38	-1.4%	8	3.64	112.5%
PETROCHEMICALS	32	8	4.04	92.5%	3.05	155.4%	8	5.18	54.5%
PETROCHEMICALS	51	0	0	-	0	-	0	0	-
PETROCHEMICALS	8I	2	29.91	-93.6%	28.67	-93.3%	34	29.54	13.8%
PETROCHEMICALS	91	11	11.52	-8.3%	10.57	-0.1%	19	10.44	80.6%
PETROCHEMICALS	HPE	0	0	-	0	-	0	0	-
PETROCHEMICALS	JKM	96	13.48	612.3%	98.33	-2.4%	55	1.85	2856.0%
PETROCHEMICALS	MAA	0	0	-	0	-	0	0	-
PETROCHEMICALS	MAC	0	0	-	0	-	0	0.3	-100.0%
PETROCHEMICALS	MAE	5	3.04	62.9%	14.19	-65.1%	9	0.83	959.5%
PETROCHEMICALS	MAS	17	1.3	1183.4%	5.24	219.6%	7	1.28	429.9%
PETROCHEMICALS	MBE	43	52.39	-17.8%	22.38	92.3%	40	59.11	-33.0%
PETROCHEMICALS	MNB	45	113.17	-60.1%	69.24	-34.8%	97	80.79	19.5%
PETROCHEMICALS	MPS	5	0.43	1100.0%	4.29	21.7%	5	0.12	4325.5%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-	0	0.85	-100.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	1	1.57	-62.3%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0.48	-100.0%	3	7.8	-61.4%
PETRO CRCKS & SPRDS NA	CRB	121	39.35	207.7%	99.52	21.7%	71	11.67	508.9%
PETRO CRCKS & SPRDS NA	EXR	93	125.09	-25.6%	107	-13.0%	135	125.34	8.0%
PETRO CRCKS & SPRDS NA	FOC	9	11.96	-27.3%	0	-	33	35.58	-7.3%
PETRO CRCKS & SPRDS NA	GBB	70	57.09	21.9%	74.76	-7.0%	61	41.57	47.1%
PETRO CRCKS & SPRDS NA	GCC	0	15.65	-100.0%	7.14	-100.0%	10	6.9	49.1%
PETRO CRCKS & SPRDS NA	GCI	95	0	-	72.57	30.8%	74	53.49	38.8%
PETRO CRCKS & SPRDS NA	GCM	1	0.74	23.5%	0	-	1	0.35	174.6%
PETRO CRCKS & SPRDS NA	GCU	647	146.52	341.5%	396.1	63.3%	643	283.77	126.6%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0.71	-100.0%	0	3.18	-92.6%
PETRO CRCKS & SPRDS NA	HOB	47	123.26	-61.5%	2.86	1561.8%	48	164.19	-71.1%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-	0	0.45	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 12 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-	0	0.65	-54.4%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	0	6.7	-100.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	211	278	-24.2%	172.19	22.3%	256	401.94	-36.3%
PETRO CRCKS & SPRDS NA	RVG	400	951.3	-58.0%	574.14	-30.4%	788	779.8	1.0%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	1.57	-100.0%	2	0.09	2027.0%
PETRO CRK&SPRD EURO	1NB	101	74.78	34.5%	101.62	-1.0%	94	65.83	42.1%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-	1	0	-
PETRO CRK&SPRD EURO	43	9	12.52	-26.7%	20.71	-55.7%	18	12.09	45.8%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	BOB	61	37.48	63.8%	57.95	5.9%	87	94.89	-8.1%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-	0	0.11	-100.0%
PETRO CRK&SPRD EURO	EOB	0	1.35	-100.0%	0.43	-100.0%	1	0.72	54.5%
PETRO CRK&SPRD EURO	EPN	29	28.04	2.9%	33.71	-14.4%	43	20.23	114.7%
PETRO CRK&SPRD EURO	EVC	53	69.04	-23.8%	107.1	-50.9%	105	121.2	-13.7%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-	4	4.4	-8.5%
PETRO CRK&SPRD EURO	GOC	0	0.65	-100.0%	0	-	0	0.63	-20.5%
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-	0	0.42	13.6%
PETRO CRK&SPRD EURO	MUD	0	6	-100.0%	0	-	1	5.1	-81.1%
PETRO CRK&SPRD EURO	NBB	1	0.43	100.0%	0.48	82.6%	1	0.74	21.9%
PETRO CRK&SPRD EURO	NOB	83	71.3	15.8%	70.86	16.5%	80	52.2	52.4%
PETRO CRK&SPRD EURO	SFB	0	1	-100.0%	0.71	-100.0%	1	1.06	-30.2%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	EWG	202	110.7	82.1%	188.19	7.1%	213	120.26	76.9%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-	0	0.48	-100.0%
PETROLEUM PRODUCTS	MGS	0	0	-	0	-	0	0.12	-100.0%
PETROLEUM PRODUCTS	MME	0	0	-	0	-	0	0.12	49.2%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	0.6	-100.0%
PETROLEUM PRODUCTS	VU	0	36.09	-100.0%	5.52	-100.0%	6	14.73	-58.1%
PETROLEUM PRODUCTS ASIA	E6M	3	1.74	75.0%	7.14	-57.4%	4	1.14	228.2%
PETROLEUM PRODUCTS ASIA	MJN	67	60.87	10.4%	62.29	7.8%	91	95.88	-4.7%
PETROLEUM PRODUCTS ASIA	MSB	0	0.87	-100.0%	0	-	0	0.27	-100.0%
PETRO OUTRIGHT EURO	OB	0	0.87	-100.0%	0.95	-100.0%	0	0.61	-18.9%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 13 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
PETRO OUTFRIGHT EURO	0C	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	0D	45	91.52	-51.3%	56.52	-21.1%	64	117.58	-45.8%
PETRO OUTFRIGHT EURO	0E	0	5.43	-97.6%	1.43	-90.9%	1	23.51	-95.0%
PETRO OUTFRIGHT EURO	0F	21	36.09	-42.7%	16.81	23.1%	27	57.68	-53.2%
PETRO OUTFRIGHT EURO	1T	1	1.83	-57.1%	0.29	173.9%	0	0.61	-62.0%
PETRO OUTFRIGHT EURO	33	0	0	-	0	-	0	0.48	-100.0%
PETRO OUTFRIGHT EURO	5L	0	0	-	0.48	-8.7%	1	2.92	-54.6%
PETRO OUTFRIGHT EURO	63	0	10.43	-97.9%	1.19	-81.7%	1	4.39	-76.8%
PETRO OUTFRIGHT EURO	6L	0	0.22	-100.0%	0	-	0	0.04	-100.0%
PETRO OUTFRIGHT EURO	7I	0	0	-	5.71	-100.0%	3	5.21	-33.9%
PETRO OUTFRIGHT EURO	7R	17	9.57	78.6%	11.24	52.0%	15	12.33	21.7%
PETRO OUTFRIGHT EURO	88	0	1.3	-100.0%	0	-	1	0.21	198.3%
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-	0	0.25	30.2%
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	CPB	0	9.09	-100.0%	0.48	-100.0%	18	13.38	33.1%
PETRO OUTFRIGHT EURO	EFF	1	0.43	50.0%	0	-	1	1.73	-60.2%
PETRO OUTFRIGHT EURO	EFM	0	1.09	-100.0%	0	-	0	2.7	-100.0%
PETRO OUTFRIGHT EURO	ENS	2	0.87	100.0%	0	-	1	0.89	-30.4%
PETRO OUTFRIGHT EURO	ESB	0	0	-	0	-	0	0.41	-100.0%
PETRO OUTFRIGHT EURO	EWN	33	30.13	10.4%	31.67	5.0%	33	34.43	-3.6%
PETRO OUTFRIGHT EURO	FBD	0	0	-	0	-	0	0.12	-100.0%
PETRO OUTFRIGHT EURO	GES	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	MBB	0	0	-	0.48	-100.0%	1	2.86	-64.6%
PETRO OUTFRIGHT EURO	MBN	18	50.17	-64.6%	11.9	49.4%	50	50.18	-1.2%
PETRO OUTFRIGHT EURO	MEF	1	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	SMU	7	0	-	0	-	3	0.24	1087.9%
PETRO OUTFRIGHT EURO	T0	0	0	-	0	-	0	0.98	-94.5%
PETRO OUTFRIGHT EURO	ULB	0	0	-	0	-	0	2.23	-100.0%
PETRO OUTFRIGHT EURO	V0	0	0	-	0	-	6	0.89	549.4%
PETRO OUTFRIGHT NA	FCB	1	9.74	-85.7%	2.71	-48.7%	4	9.37	-62.6%
PETRO OUTFRIGHT NA	FOM	0	0	-	0	-	0	0.3	-100.0%
PETRO OUTFRIGHT NA	JE	0	0	-	0	-	0	2.5	-83.7%
PETRO OUTFRIGHT NA	JET	276	329.61	-16.4%	78.57	250.8%	126	200.12	-37.3%
PETRO OUTFRIGHT NA	JTB	7	9.78	-33.3%	29.76	-78.1%	23	6.99	226.6%
PETRO OUTFRIGHT NA	MBL	0	4.57	-100.0%	0	-	0	1.58	-85.1%
PETRO OUTFRIGHT NA	MEN	28	28.57	-3.3%	24.62	12.1%	21	29.92	-29.4%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 14 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
PETRO OUTRIGHT NA	MEO	113	309.17	-63.3%	172.29	-34.2%	179	467	-61.8%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-	1	1.21	-51.0%
PETRO OUTRIGHT NA	MMF	1	0.52	58.3%	0	-	0	2.61	-83.2%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-	0	3.72	-100.0%
PETRO OUTRIGHT NA	XER	13	0	-	0	-	2	0	-
PJM AD HUB 5MW REAL TIME	V3	0	0	-	0	-	166	1,627.79	-89.8%
PJM AD HUB 5MW REAL TIME	Z9	0	110.87	-100.0%	244.76	-100.0%	75	130.9	-42.8%
PJM AECO DA OFF-PEAK	X1	0	0	-	0	-	0	0	-
PJM AECO DA PEAK	Y1	0	0	-	0	-	0	0	-
PJM APS ZONE DA OFF-PEAK	W4	0	0	-	0	-	0	0	-
PJM APS ZONE DA PEAK	S4	0	0	-	0	-	0	0	-
PJM ATSI ELEC	MOD	0	0	-	0	-	0	278.57	-100.0%
PJM ATSI ELEC	MPD	0	0	-	0	-	0	15.18	-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	508.27	-100.0%
PJM COMED 5MW D AH PK	D8	0	0	-	0	-	0	27.83	-100.0%
PJM DAILY	JD	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-	0	1,261.88	-100.0%
PJM DAYTON DA PEAK	D7	0	0	-	0	-	0	31.25	-100.0%
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-	0	0	-
PJM JCPL DA PEAK	J2	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	B3	0	54.78	-100.0%	0	-	30	470.83	-93.6%
PJM NI HUB 5MW REAL TIME	B6	0	1,566.52	-100.0%	0	-	0	10,122.2	-100.0%
PJM NILL DA OFF-PEAK	L3	0	0	-	0	-	0	4,079.57	-100.0%
PJM NILL DA PEAK	N3	0	2.61	-100.0%	0	-	0	232.65	-99.9%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-	0	0	-
PJM PPL DA OFF-PEAK	F5	0	0	-	0	-	0	0	-
PJM PPL DA PEAK	L5	0	0	-	0	-	0	0	-
PJM PSEG DA OFF-PEAK	W6	1,017	0	-	0	-	138	0	-
PJM PSEG DA PEAK	L6	55	0	-	0	-	8	0	-
PJM WESTH DA OFF-PEAK	E4	1,017	2,034.78	-50.0%	0	-	602	323.21	86.4%
PJM WESTHDA PEAK	J4	55	110.87	-50.0%	0	-	33	51.31	-36.3%
PJM WESTH RT OFF-PEAK	N9	0	12,550.87	-100.0%	0	-	1,740	12,707.71	-86.3%
PJM WESTH RT PEAK	L1	121	760	-84.0%	182.38	-33.5%	272	1,165.81	-76.7%
PLASTICS	PGP	20	25	-18.1%	4.29	377.8%	18	26.13	-31.7%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 15 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
PREMIUM UNLND 10P FOB MED	3G	8	3.7	104.7%	15.52	-51.3%	12	2.93	309.9%
PREMIUM UNLEAD 10PPM FOB	8G	2	0	-	1.48	41.4%	2	0.9	163.5%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.04	1035.3%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	5	0	-	0.29	1665.3%	1	0.22	399.8%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	31	15.52	98.0%	24.29	26.6%	26	25.38	2.5%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	549	212.57	158.1%	409.52	34.0%	555	325.61	70.4%
RBOB CALENDAR SWAP	RL	265	466.48	-43.2%	482.43	-45.1%	273	353.8	-22.9%
RBOB CRACK SPREAD	RM	3	114.78	-97.7%	45.71	-94.3%	55	30.98	76.0%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0	-
RBOB GASOLINE BALMO CLNDR	1D	36	26.87	34.8%	17.81	103.4%	53	36.54	45.7%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	0	55.22	-100.0%	0	-	12	95.95	-87.8%
SAN JUAN BASIS SWAP	NJ	0	0	-	1.29	-100.0%	0	13.42	-97.4%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-	2	0	-
SINGAPORE 180CST BALMO	BS	2	4.43	-52.9%	2.62	-20.3%	3	3.12	-16.9%
SINGAPORE 380CST BALMO	BT	12	12.7	-3.4%	15.38	-20.3%	11	10.01	6.9%
SINGAPORE 380CST FUEL OIL	SE	459	273.04	68.1%	380.76	20.6%	428	489.54	-12.6%
SINGAPORE FUEL 180CST CAL	UA	24	48.74	-51.6%	38.67	-38.9%	43	54.02	-21.2%
SINGAPORE FUEL OIL SPREAD	SD	12	21.39	-44.5%	6.67	78.0%	34	36.32	-6.7%
SINGAPORE GASOIL	MAF	0	0	-	0	-	0	0	-
SINGAPORE GASOIL	MTB	2	10	-77.8%	2.19	1.2%	3	7.76	-63.7%
SINGAPORE GASOIL	MTS	180	289.7	-37.9%	223.67	-19.5%	226	236.31	-4.5%
SINGAPORE GASOIL	STZ	0	0	-	0	-	25	4.76	434.3%
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	-	1	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-	1	0	-
SINGAPORE GASOIL CALENDAR	MSG	2	4.48	-51.5%	0	-	25	13.18	90.8%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-	2	0	-
SINGAPORE GASOIL SWAP	SG	287	305.96	-6.4%	114.29	150.7%	211	468.09	-54.9%
SINGAPORE GASOIL VS ICE	GA	251	299.78	-16.2%	399.1	-37.1%	634	406.33	56.1%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	1	3.19	-60.1%
SINGAPORE JET KERO GASOIL	RK	101	95.65	5.7%	190.48	-46.9%	184	102.95	79.2%
SINGAPORE JET KEROSENE SW	KS	87	67.83	27.9%	3.57	2328.7%	54	70.26	-23.7%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	16	0	-	0	-	2	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 16 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	78	1.09	7071.7%	29.52	164.0%	29	7.53	291.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	419	300.96	39.3%	538.1	-22.1%	658	373.35	76.2%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-	1	0	-
SING FUEL	MSD	0	0	-	0.71	-100.0%	1	0.24	136.1%
SOCAL PIPE SWAP	XN	0	0	-	0	-	0	0	-
SONAT BASIS SWAP FUTURE	SZ	0	0	-	0	-	0	0	-
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	0	-	0	0	-
Sumas Basis Swap	NK	0	0	-	0	-	1	37.13	-98.5%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-	0	1.82	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	3	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	1	0	-
TCO BASIS SWAP	TC	0	0	-	0	-	0	48.96	-100.0%
TCO NG INDEX SWAP	Q1	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	TL	88	0	-	78.57	12.6%	51	0	-
TENNESSEE 500 LEG BASIS S	NM	0	0	-	0	-	0	2.55	-100.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	-	0	-	0	0	-
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-	0	0	-
TETCO M-3 INDEX	IX	0	0	-	0	-	0	0	-
Tetco STX Basis	TX	0	0	-	0	-	0	0	-
TEXAS EASTERN ZONE M-3 BA	NX	0	26.26	-100.0%	0	-	0	51.21	-100.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	0	-
Transco Zone 3 Basis	CZ	0	0	-	0	-	0	1.8	-100.0%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-	0	37.24	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	-	0	-	0	75.11	-100.0%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-	0	2.77	-100.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-	0	17.08	-100.0%
TRANSCO ZONE 6 INDEX	IT	0	0	-	0	-	0	5.1	-100.0%
UCM FUT	UCM FUT	0	0.87	-100.0%	0.48	-100.0%	0	1.58	-77.5%
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-	0	0.18	-100.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	-	0	-	0	0.39	-78.9%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-	0	0.04	-100.0%
ULSD UP-DOWN BALMO SWP	1L	210	171.74	22.5%	194.29	8.2%	239	172.02	38.8%
UP DOWN GC ULSD VS NMX HO	LT	1,447	2,765.91	-47.7%	1,186.52	22.0%	1,503	2,192.48	-31.5%
WAHA BASIS	NW	0	130.96	-100.0%	0	-	19	36.1	-47.5%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-	0	0	-
WESTERN RAIL DELIVERY PRB	QP	0	0	-	0.48	-100.0%	0	13.21	-98.9%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 17 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures									
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	39	2.4	1536.3%
WTI-BRENT CALENDAR SWAP	BK	621	1,381.96	-55.0%	1,175.57	-47.1%	1,484	572.24	159.3%
WTI CALENDAR	CS	1,540	1,769	-12.9%	1,124.43	37.0%	1,562	1,647.91	-5.2%
WTS (ARGUS) VS WTI SWAP	FF	591	494.35	19.5%	317.24	86.2%	405	218.71	85.3%
WTS (ARGUS) VS WTI TRD MT	FH	79	70.43	12.0%	77.14	2.3%	32	33.12	-3.8%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	0	-	0	1.37	-100.0%
BRENT 1 MONTH CAL	AA	0	0	-	0	-	18	0	-
BRENT CALENDAR SWAP	BA	42	0	-	20.95	101.3%	34	31.53	7.3%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-	12	0	-
BRENT CRUDE OIL 1 M CSO	9C	500	0	-	133.33	275.0%	2,283	0	-
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-	6	0	-
BRENT OIL LAST DAY	BE	544	405.04	34.2%	3,492.67	-84.4%	1,544	200.07	671.7%
BRENT OIL LAST DAY	BZO	5,353	2,338.74	128.9%	8,415.33	-36.4%	6,178	1,387.29	345.3%
BRENT OIL LAST DAY	OS	4	21.74	-80.0%	0	-	7	21.69	-67.5%
COAL API2 INDEX	CLA	20	6.52	206.7%	32.38	-38.2%	32	48.64	-34.7%
COAL API2 INDEX	CQA	7	0	-	20.24	-67.8%	20	3.63	463.0%
COAL API2 INDEX	MTC	0	0	-	0	-	0	0.3	-100.0%
COAL API4 INDEX	RLA	0	0	-	0	-	0	0	-
COAL API4 INDEX	RQA	0	0	-	0	-	0	0	-
COAL SWAP	CPF	0	1.74	-100.0%	0	-	0	1.07	-100.0%
COAL SWAP	RPF	0	15.65	-100.0%	0	-	0	2.65	-100.0%
CRUDE OIL 1MO	WA	5,001	8,424.09	-40.6%	11,471.43	-56.4%	10,166	8,521.44	19.3%
CRUDE OIL APO	AO	1,380	2,918.04	-52.7%	654.38	110.9%	2,198	1,932.49	13.8%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	1	0	-
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	WCI	0	333.91	-100.0%	0	-	0	45.71	-100.0%
CRUDE OIL PHY	CD	54	232.61	-76.6%	8.33	552.2%	113	119.14	-5.4%
CRUDE OIL PHY	LC	521	573.7	-9.2%	85.67	508.3%	468	1,301.89	-64.0%
CRUDE OIL PHY	LO	127,669	144,616.83	-11.7%	144,815.81	-11.8%	166,698	184,369.59	-9.6%
CRUDE OIL PHY	LO1	597	1,102.57	-45.8%	791.57	-24.5%	656	680.79	-3.6%
CRUDE OIL PHY	LO2	616	911.13	-32.3%	737.29	-16.4%	719	599.14	20.0%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 18 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Options									
CRUDE OIL PHY	LO3	345	445.48	-22.5%	646.1	-46.6%	465	417.8	11.3%
CRUDE OIL PHY	LO4	532	893.43	-40.5%	581.9	-8.6%	704	802.8	-12.3%
CRUDE OIL PHY	LO5	643	3.22	19887.8%	0	-	294	207.51	41.7%
ELEC MISO PEAK	9T	0	0	-	0	-	0	4.88	-100.0%
ETHANOL	CE1	0	0	-	0	-	2	0.45	264.5%
ETHANOL	CE3	0	1.09	-100.0%	0	-	1	1.93	-54.1%
ETHANOL SWAP	CVR	144	228.74	-37.2%	165.24	-13.0%	342	244.42	40.0%
ETHANOL SWAP	GVR	21	8.48	143.6%	5.71	261.4%	16	9.4	67.9%
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	0	0	-
GASOLINE	GCE	0	0	-	0	-	0	0	-
HEATING OIL CRACK OPTIONS	CH	0	0	-	0	-	0	0.6	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	0	-
HEATING OIL PHY	LB	0	5.87	-100.0%	0.48	-100.0%	4	10.14	-56.2%
HEATING OIL PHY	OH	1,035	1,406.65	-26.5%	1,342.29	-22.9%	1,417	1,526.18	-7.1%
HENRY HUB FINANCIAL LAST	E7	222	131.43	69.3%	308.43	-27.9%	192	168.95	13.4%
HO 1 MONTH CLNDR OPTIONS	FA	0	13.04	-100.0%	0	-	0	9.52	-100.0%
LLS CRUDE OIL	WJO	0	0	-	0	-	1	30.36	-98.1%
LLS CRUDE OIL	YVO	0	32.61	-100.0%	0	-	0	4.46	-100.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	2	7.68	-80.3%
MCCLOSKEY RCH BAY COAL	MFO	0	0	-	1.43	-100.0%	11	0	-
NATURAL GAS	G10	0	0	-	0	-	0	2.68	-100.0%
NATURAL GAS 1 M CSO FIN	G4	1,332	548.91	142.7%	858.9	55.1%	1,694	1,764.55	-4.0%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	9.52	-100.0%	7	21.13	-66.4%
NATURAL GAS 3 M CSO FIN	G3	239	1,122.83	-78.7%	150	59.4%	258	632.44	-59.3%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	15	24.11	-37.4%
NATURAL GAS 6 M CSO FIN	G6	74	86.96	-15.0%	76.19	-3.0%	420	231.07	81.7%
NATURAL GAS OPTION ON CALENDAR STR	6J	43	26.09	66.7%	85.71	-49.3%	132	44.87	194.2%
NATURAL GAS PHY	KD	797	2,418.13	-67.0%	511.86	55.7%	994	1,742.77	-43.0%
NATURAL GAS PHY	LN	65,719	79,615.39	-17.5%	56,216.71	16.9%	80,784	105,237.93	-23.2%
NATURAL GAS PHY	ON	7,336	6,591.22	11.3%	6,500.43	12.9%	8,142	9,362.88	-13.0%
NATURAL GAS WINTER STRIP	6I	52	0	-	0	-	7	0	-
N ROCKIES PIPE SWAP	ZR	31	51.04	-39.7%	5.33	477.2%	11	23.99	-56.1%
NY HARBOR HEAT OIL SWP	AT	87	110.57	-21.4%	47.67	82.3%	119	164.83	-27.5%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-	0	118.04	-100.0%
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-	0	17.14	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 19 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Options									
PETROCHEMICALS	4H	60	59.04	1.1%	22.62	163.9%	30	28.17	5.3%
PETROCHEMICALS	4J	0	11.96	-100.0%	0	-	8	16.22	-50.8%
PETROCHEMICALS	4K	52	8.7	500.0%	90.48	-42.3%	20	2.38	720.1%
PETROCHEMICALS	CPR	0	0	-	0	-	0	0.11	-100.0%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	0	1.79	-100.0%
PETRO OUTRIGHT NA	DAP	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	6OA	0	11.3	-96.2%	0	-	2	22.68	-91.7%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	5	0	-
PJM WES HUB PEAK LMP 50MW	PMA	19	23.48	-18.0%	4.38	339.6%	41	75.15	-46.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	89.13	-100.0%	0	-	4	24.15	-82.9%
RBOB CALENDAR SWAP	RA	0	9.78	-100.0%	0	-	6	14.05	-59.4%
RBOB PHY	OB	384	1,780.48	-78.4%	421.43	-9.0%	546	1,308.33	-58.3%
RBOB PHY	RF	0	0	-	0	-	1	0.51	46.2%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	PJ	5	0	-	16	-66.3%	11	11.79	-5.5%
SHORT TERM	U11	0	41.3	-100.0%	10	-100.0%	7	25.24	-71.0%
SHORT TERM	U12	0	0	-	11.9	-100.0%	5	21.9	-77.4%
SHORT TERM	U13	13	0	-	0	-	2	12.41	-80.9%
SHORT TERM	U14	2	32.61	-93.3%	0	-	5	14.61	-65.1%
SHORT TERM	U15	1	21.3	-95.9%	0	-	5	24.26	-80.6%
SHORT TERM	U22	1	0	-	0	-	7	9.39	-23.0%
SHORT TERM	U23	13	2.17	506.0%	0.71	1744.3%	5	6.38	-16.7%
SHORT TERM	U24	20	26.09	-24.5%	0	-	5	15.3	-66.0%
SHORT TERM	U25	0	3.91	-100.0%	0	-	1	2.32	-74.0%
SHORT TERM	U26	0	0	-	0	-	2	1.74	2.1%
SHORT TERM NATURAL GAS	U01	0	44.57	-100.0%	0	-	2	19.73	-89.5%
SHORT TERM NATURAL GAS	U02	0	21.74	-99.4%	0	-	9	17.41	-50.8%
SHORT TERM NATURAL GAS	U03	5	4.35	4.0%	27.14	-83.3%	8	13.21	-36.0%
SHORT TERM NATURAL GAS	U04	28	6.09	364.3%	0	-	9	5.18	82.8%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	5	19.2	-75.0%
SHORT TERM NATURAL GAS	U06	0	0	-	10.71	-100.0%	5	33.48	-84.5%
SHORT TERM NATURAL GAS	U07	0	6.52	-100.0%	0	-	9	18.36	-48.4%
SHORT TERM NATURAL GAS	U08	0	21.09	-99.6%	0	-	8	23.04	-64.6%
SHORT TERM NATURAL GAS	U09	0	39.13	-100.0%	38.1	-100.0%	9	21.43	-57.6%
SHORT TERM NATURAL GAS	U10	9	28.91	-69.9%	11.9	-27.0%	7	33.05	-79.4%
SHORT TERM NATURAL GAS	U16	0	67.39	-100.0%	4.9	-100.0%	4	21.85	-81.0%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 20 of 21

Commodity		ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U17	0	16.3	-99.2%	0.62	-78.9%	14	19.67	-30.9%
SHORT TERM NATURAL GAS	U18	0	23.91	-100.0%	0	-	8	6.17	31.5%
SHORT TERM NATURAL GAS	U19	0	0	-	1.81	-100.0%	1	21.93	-94.0%
SHORT TERM NATURAL GAS	U20	16	0	-	10	58.7%	5	16.7	-69.0%
SHORT TERM NATURAL GAS	U21	0	4.35	-90.0%	0	-	2	11.3	-81.0%
SHORT TERM NATURAL GAS	U27	1	0	-	0	-	3	11.13	-77.4%
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	1	9.55	-93.8%
SHORT TERM NATURAL GAS	U29	0	6.52	-100.0%	0	-	3	2.44	11.5%
SHORT TERM NATURAL GAS	U30	0	15.87	-100.0%	0	-	1	20.36	-97.1%
SHORT TERM NATURAL GAS	U31	0	4.35	-98.0%	0	-	0	34.23	-99.5%
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALEND	N2	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	BV	871	1,379.04	-36.8%	1,669.76	-47.8%	4,377	1,602.33	173.2%
WTI CRUDE OIL 1 M CSO FI	7A	2,067	3,956.52	-47.7%	2,550	-18.9%	3,528	2,821.13	25.0%
Ag Products Futures									
COCOA TAS	CJ	0	0	-	0	-	0	0.48	-93.9%
COFFEE	KT	0	0	-	0	-	0	0.24	-100.0%
COTTON	TT	0	0	-	0	-	0	0.09	-73.5%
SUGAR 11	YO	0	0.13	-100.0%	0	-	0	0.24	44.1%
TOTAL FUTURES GROUP									
Ag Products Futures		0	0.13	-33.3%	0	-	0	1.05	-62.2%
Energy Futures		1,723,469	2,526,071.22	-31.8%	1,944,564.52	-11.4%	2,230,961	2,270,869.48	-1.8%
Metals Futures		558,463	568,741.13	-1.8%	586,318.33	-4.8%	619,398	492,848.05	25.7%
TOTAL FUTURES		2,281,932	3,094,812.48	-26.3%	2,530,882.86	-9.8%	2,850,358.94	2,763,718.57	3.1%

NYMEX/COMEX Exchange ADV Report - Monthly

August 2018

Page 21 of 21

Commodity	ADV AUG 2018	ADV AUG 2017	% CHG	ADV JUL 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
TOTAL OPTIONS GROUP								
Energy Options	224,530	263,411.39	-14.8%	243,095.76	-7.6%	295,921	328,545.67	-9.9%
Metals Options	67,655	53,411.7	26.7%	55,625.95	21.6%	58,168	46,418.32	25.3%
TOTAL OPTIONS	292,184	316,823.09	-7.8%	298,721.71	-2.2%	354,089.38	374,963.98	-5.6%
TOTAL COMBINED								
Metals	626,117	622,152.83	0.6%	641,944.29	-2.5%	677,566	539,266.36	25.6%
Energy	1,947,999	2,789,482.61	-30.2%	2,187,660.29	-11.0%	2,526,882	2,599,415.14	-2.8%
Ag Products	0	0.13	-33.3%	0	-	0	1.05	-62.2%
GRAND TOTAL	2,574,116	3,411,635.57	-24.5%	2,829,604.57	-9.0%	3,204,448.32	3,138,682.55	2.1%