

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 1 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Metals Futures									
COMEX GOLD	GC	211,081	319,924.63	-34.0%	297,419.57	-29.0%	256,409	381,011.05	-32.7%
NYMEX HOT ROLLED STEEL	HR	804	477.47	68.4%	1,033.33	-22.2%	925	487.68	89.6%
NYMEX PLATINUM	PL	20,234	18,237.21	10.9%	17,259.48	17.2%	18,672	19,764.53	-5.5%
PALLADIUM	PA	7,760	8,656.63	-10.4%	5,097.1	52.2%	6,362	6,581.9	-3.3%
URANIUM	UX	53	1.84	2757.2%	74.19	-29.1%	64	17.13	273.4%
COMEX SILVER	SI	93,872	113,457.53	-17.3%	72,679.38	29.2%	82,746	108,557.7	-23.8%
COMEX E-Mini GOLD	QO	268	348.68	-23.3%	297.24	-10.0%	283	368.9	-23.3%
COMEX E-Mini SILVER	QI	146	78.89	85.1%	39.67	268.2%	90	62.5	44.3%
COMEX COPPER	HG	128,505	157,926	-18.6%	95,995.33	33.9%	111,437	144,045.45	-22.6%
COMEX MINY COPPER	QC	35	41.26	-15.3%	22.62	54.5%	28	36.65	-22.3%
ALUMINUM	A38	0	0	-	1.05	-100.0%	1	0	-
ALUMINUM	AEP	83	121.58	-31.6%	176.62	-52.9%	132	63.75	107.4%
ALUMINUM	ALA	0	2.63	-100.0%	0	-	0	21.13	-100.0%
ALUMINUM	ALI	0	0	-	0	-	0	0	-
ALUMINUM	AUP	252	762.37	-67.0%	454.19	-44.5%	358	676.78	-47.1%
ALUMINUM	CUP	0	6.32	-100.0%	0	-	0	5.13	-100.0%
ALUMINUM	EDP	135	198.32	-32.1%	55.33	143.5%	93	109.2	-14.8%
ALUMINUM	MJP	45	52.11	-13.1%	2.14	2012.2%	23	42.75	-47.1%
COPPER	HGS	63	88.53	-28.8%	39.57	59.2%	51	138.38	-63.4%
E-MICRO GOLD	MGC	8,704	6,629.58	31.3%	9,943.05	-12.5%	9,355	6,714.95	39.3%
FERROUS PRODUCTS	BUS	73	287.42	-74.7%	46.9	55.2%	59	173.2	-65.8%
Gold Kilo	GCK	0	1.95	-100.0%	0	-	0	1.03	-100.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	286	93.53	205.6%	631.95	-54.8%	468	123.88	277.4%
LNDN ZINC	ZNC	15	0.21	6900.9%	27	-45.4%	21	0.83	2466.7%
SILVER	SIL	922	451.11	104.4%	731.14	26.1%	822	369.58	122.4%

Metals Options

COMEX COPPER	HX	3,700	1,050.74	252.1%	2,406.24	53.7%	3,021	1,001.28	201.7%
COMEX GOLD	OG	38,292	51,856.26	-26.2%	48,933.33	-21.7%	43,879	48,569.98	-9.7%
COMEX SILVER	SO	5,755	6,840.21	-15.9%	7,532.57	-23.6%	6,688	7,206.2	-7.2%
COPPER	H1E	1	0	-	0.29	268.4%	1	0	-
COPPER	H2E	0	0	-	0.57	-100.0%	0	0	-
COPPER	H3E	1	0	-	0.29	84.2%	0	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 2 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Metals Options									
COPPER	H4E	0	0	-	0.29	10.5%	0	0	-
COPPER	H5E	0	0	-	0	-	0	0	-
GOLD	OG1	1,436	447.79	220.7%	566.9	153.3%	980	523.1	87.3%
GOLD	OG2	769	418.11	83.9%	730.19	5.3%	749	459.35	63.0%
GOLD	OG3	554	558.74	-0.8%	693.19	-20.0%	627	539.03	16.4%
GOLD	OG4	338	188.63	79.2%	364.24	-7.2%	352	270.3	30.2%
GOLD	OG5	0	0	-	0	-	0	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	8	0	-	5.71	38.2%	7	0	-
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	28.42	-100.0%	0	-	0	18	-100.0%
NYMEX PLATINUM	PO	218	179.58	21.1%	203.19	7.1%	210	202.9	3.5%
PALLADIUM	PAO	55	177.63	-69.3%	63.33	-13.9%	59	164.7	-64.1%
SILVER	SO1	28	6.68	322.0%	66.71	-57.7%	48	3.75	1191.3%
SILVER	SO2	26	3.89	563.5%	20.48	26.2%	23	2	1051.3%
SILVER	SO3	61	8.42	626.9%	40.9	49.6%	51	4.25	1089.4%
SILVER	SO4	11	8.84	28.0%	6.67	69.7%	9	5.53	60.6%
SILVER	SO5	0	0	-	0	-	0	0	-

Energy Futures

CRUDE OIL PHY	CL	1,194,651	1,409,668.21	-15.3%	1,236,444.1	-3.4%	1,216,592	1,382,188.5	-12.0%
CRUDE OIL	WS	248	171.05	45.2%	165.24	50.3%	205	95.98	113.3%
MINY WTI CRUDE OIL	QM	20,030	16,610.58	20.6%	24,192.57	-17.2%	22,215	13,120.28	69.3%
BRENT OIL LAST DAY	BZ	80,126	88,155.26	-9.1%	78,870.81	1.6%	79,467	76,629.53	3.7%
HEATING OIL PHY	HO	160,161	201,379.89	-20.5%	163,254.29	-1.9%	161,785	209,219.78	-22.7%
HTG OIL	BH	0	0	-	0	-	0	0	-
MINY HTG OIL	QH	0	0.16	0.0%	0.14	10.5%	0	0.18	-14.3%
RBOB PHY	RB	192,652	200,791.42	-4.1%	187,041.38	3.0%	189,707	202,639.35	-6.4%
MINY RBOB GAS	QU	0	0.21	50.0%	0.29	10.5%	0	0.18	71.4%
NATURAL GAS	HP	6,588	7,552.68	-12.8%	6,177.95	6.6%	6,373	9,810.25	-35.0%
LTD NAT GAS	HH	19,152	19,152.26	0.0%	17,738.71	8.0%	18,410	23,123.38	-20.4%
MINY NATURAL GAS	QG	1,176	1,617.95	-27.3%	2,035.67	-42.2%	1,627	2,379.7	-31.6%
PJM MONTHLY	JM	0	0	-	0	-	0	0	-
NATURAL GAS PHY	NG	385,752	444,954.11	-13.3%	436,655.24	-11.7%	412,476	566,069.25	-27.1%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 3 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
RBOB GAS	RT	0	255.79	-100.0%	0	-	0	232	-100.0%
3.5% FUEL OIL CID MED SWA	7D	0	10.26	-100.0%	0	-	0	7.75	-100.0%
3.5% FUEL OIL CIF BALMO S	8D	1	0	-	0	-	1	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	-
ALGONQUIN CITYGATES BASIS	B4	0	0	-	0	-	0	0	-
ANR OKLAHOMA	NE	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	901	1,514.11	-40.5%	737.14	22.2%	815	1,771.08	-54.0%
ARGUS PROPAN FAR EST INDE	7E	277	302.11	-8.2%	358.67	-22.7%	320	321.4	-0.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	140	139.53	0.5%	167.43	-16.3%	155	127.55	21.1%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-	0	0	-
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	J9	7	2.63	150.0%	0	-	3	1.25	150.0%
BRENT CALENDAR SWAP	CY	212	57.32	270.2%	216.48	-2.0%	214	55.15	288.8%
BRENT CFD SWAP	6W	0	0	-	0	-	0	0	-
BRENT FINANCIAL FUTURES	BB	0	210.53	-100.0%	166.67	-100.0%	88	100	-12.5%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	0	-
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	0	0	-	0	-	0	0	-
CENTERPOINT BASIS SWAP	PW	0	1.89	-100.0%	0	-	0	0.9	-100.0%
CHICAGO ETHANOL SWAP	CU	4,847	5,079.79	-4.6%	4,825.38	0.4%	4,836	5,492.35	-12.0%
CHICAGO ULSD PL VS HO SPR	5C	38	30.21	25.6%	45.71	-17.0%	42	22.35	88.0%
CHICAGO UNL GAS PL VS RBO	3C	21	7.89	170.0%	5.24	306.9%	13	7.5	71.7%
CIG BASIS	CI	0	7.37	-100.0%	0	-	0	3.5	-100.0%
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 O PK	K2	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	H5	47	59.79	-21.7%	50.76	-7.7%	49	61.2	-20.1%
CIN HUB 5MW REAL TIME O P	H4	0	0	-	0	-	0	0	-
CIN HUB 5MW REAL TIME PK	H3	17	0	-	0	-	8	0	-
COAL SWAP	ACM	0	0	-	0	-	0	0.38	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	32	22.42	40.8%	7.57	317.1%	19	11.3	67.9%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 4 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	7	0	-	2.38	209.5%	5	2	137.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	592	598.89	-1.1%	950.14	-37.7%	780	719.02	8.5%
CRUDE OIL	LPS	150	158.68	-5.5%	192.86	-22.2%	173	248.13	-30.5%
CRUDE OIL OUTRIGHTS	42	17	6.42	159.8%	57.57	-71.0%	38	7.45	412.1%
CRUDE OIL OUTRIGHTS	CC5	5	0	-	30	-84.2%	18	0	-
CRUDE OIL OUTRIGHTS	CPD	0	36.84	-100.0%	0	-	0	63.3	-100.0%
CRUDE OIL OUTRIGHTS	CSW	9	0	-	28.57	-68.7%	19	0.13	15300.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	GSW	15	0	-	0	-	7	2.63	162.9%
CRUDE OIL OUTRIGHTS	HTT	2,813	2,025.53	38.9%	2,250.14	25.0%	2,518	2,894.2	-13.0%
CRUDE OIL OUTRIGHTS	LSW	8	0.79	900.0%	88.33	-91.1%	50	5.75	771.7%
CRUDE OIL OUTRIGHTS	SSW	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	UMD	0	121.05	-100.0%	0	-	0	77.5	-100.0%
CRUDE OIL OUTRIGHTS	UNS	0	62	-100.0%	0	-	0	75.4	-100.0%
CRUDE OIL OUTRIGHTS	WCC	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	WCW	116	323.16	-64.1%	712.71	-83.7%	429	440.75	-2.6%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	HCL	1,304	0	-	1,026.71	27.0%	1,158	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-	0	28.88	-100.0%
CRUDE OIL SPRDS	WTT	1,158	2,273.58	-49.1%	1,019.76	13.6%	1,086	3,544.23	-69.4%
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 TO FRONTLINE BRENT	FY	0	44.74	-100.0%	28.57	-100.0%	15	41.5	-63.9%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.13	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 5 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
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	-	0	0	-
DUBAI CRUDE OIL CALENDAR	DC	478	114.58	317.3%	254.29	88.0%	361	175.05	106.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	639	36.58	1647.8%	174.71	265.9%	395	29.38	1246.0%
EASTERN RAIL DELIVERY CSX	QX	0	1.58	-100.0%	0	-	0	2.63	-100.0%
EAST/WEST FUEL OIL SPREAD	EW	0	6.58	-100.0%	0	-	0	3.13	-100.0%
EIA FLAT TAX ONHWAY DIESE	A5	19	4.63	308.0%	29.95	-36.9%	25	8.85	179.1%
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	-	0	0	-
ELEC FINSETTLED	47	0	0	-	0	-	0	0	-
ELEC MISO PEAK	4L	0	0	-	0	-	0	0	-
ELEC MISO PEAK	55	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWA	I1	0	46.32	-100.0%	0	-	0	22	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	81.05	-100.0%	0	-	0	99.5	-100.0%
ETHANOL	MTH	1	0	-	0	-	0	0	-
ETHANOL	Z1B	0	0	-	0	-	0	0	-
ETHANOL SWAP	MT2	7	0	-	0.48	1336.8%	4	0	-
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	176	140.84	25.1%	239.05	-26.3%	209	148.23	41.2%
EURO 1% FUEL OIL NEW BALM	KX	0	0.26	-100.0%	0	-	0	0.13	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	32.68	-100.0%	1.9	-100.0%	1	31.43	-96.8%
EURO 3.5% FUEL OIL SPREAD	FK	0	1.05	-100.0%	0	-	0	3	-100.0%
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-	0	0	-
EURO GASOIL 10PPM VS ICE	ET	0	7.95	-100.0%	0	-	0	8.68	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	1.26	-83.3%	4.29	-95.1%	2	4.2	-44.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	UI	2	15	-86.0%	7.38	-71.5%	5	10	-51.3%
EUROPE 3.5% FUEL OIL RDAM	UV	32	249.42	-87.1%	89.76	-64.2%	62	316.63	-80.3%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 6 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
EUROPEAN GASOIL (ICE)	7F	4	21.47	-80.4%	6.1	-30.9%	5	13.35	-61.0%
EUROPEAN NAPHTHA BALMO	KZ	10	16.79	-41.1%	13.38	-26.1%	12	17.05	-31.2%
EUROPEAN NAPHTHA CRACK SPR	EN	302	387.95	-22.1%	236.38	27.9%	268	561	-52.3%
EUROPE DATED BRENT SWAP	UB	3	0	-	24.1	-85.6%	14	0	-
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0.38	-100.0%
EUROPE NAPHTHA CALSWAP	UN	129	185.21	-30.2%	85.24	51.8%	106	225.83	-53.0%
EURO PROPANE CIF ARA SWA	PS	65	112.53	-42.4%	104.43	-38.0%	86	119.03	-28.1%
FREIGHT MARKETS	FLP	4	2.68	47.1%	14.81	-73.3%	10	5.35	80.4%
FREIGHT MARKETS	FRC	0	1.84	-100.0%	0.71	-100.0%	0	3.25	-88.5%
FREIGHT MARKETS	FRS	0	0	-	0	-	0	0	-
FREIGHT MARKETS	T2D	2	1.05	125.0%	80	-97.0%	43	12.2	253.5%
FREIGHT MARKETS	TC6	0	0	-	0	-	0	6	-100.0%
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0	-
FREIGHT MARKETS	TD8	3	0	-	0	-	2	0	-
FUEL OIL CRACK VS ICE	FO	52	180.58	-71.5%	53.33	-3.4%	52	183.83	-71.5%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0.71	-100.0%	0	3.9	-90.4%
FUEL OIL (PLATS) CAR CM	1W	0	0.26	-100.0%	0	-	0	2.6	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	1.13	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	21	15.95	29.7%	7.86	163.3%	14	17.53	-20.4%
GAS EURO-BOB OXY NWE BARGES	7H	308	309.89	-0.6%	408.1	-24.5%	361	404.98	-11.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	396	891.68	-55.6%	507.29	-21.9%	455	1,199.5	-62.1%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	1	0	-	0	-	0	0.13	200.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.79	-100.0%	0.57	-100.0%	0	1	-70.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0.43	-100.0%	0	0	-
GASOIL CALENDAR SWAP	GX	3	0.32	700.0%	0.29	784.2%	1	0.15	800.0%
GASOIL CRACK SPREAD CALEN	GZ	16	347.79	-95.3%	0	-	8	510.83	-98.5%
GASOIL MINI CALENDAR SWAP	QA	6	1.26	370.8%	16.24	-63.4%	11	10.65	6.6%
GERMAN POWER BASELOAD CAL MONTH F	DEB	8	72.16	-89.1%	40.14	-80.3%	25	34.28	-27.6%
GROUP THREE ULSD (PLATTS)	A7	0	6.05	-100.0%	0	-	0	2.88	-100.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	121	268.95	-54.8%	178.9	-32.1%	152	244.75	-38.0%
GRP THREE UNL GS (PLT) VS	A8	119	93.21	27.6%	165.9	-28.3%	144	99.95	43.7%
GULF COAST 3% FUEL OIL BA	VZ	4	24.53	-82.4%	70.9	-93.9%	39	93.83	-58.1%
GULF COAST JET FUEL CLNDR	GE	0	10.11	-100.0%	10.29	-100.0%	5	6.38	-15.3%
GULF COAST JET VS NYM 2 H	ME	947	3,331.11	-71.6%	837	13.2%	889	2,722.15	-67.3%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 7 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
GULF COAST NO.6 FUEL OIL	MF	1,189	2,326.95	-48.9%	1,651	-28.0%	1,432	2,913.85	-50.9%
GULF COAST NO.6 FUEL OIL	MG	13	31.58	-59.2%	18.57	-30.6%	16	61.03	-74.0%
GULF COAST ULSD CALENDAR	LY	18	4.95	258.5%	28.24	-37.2%	23	11.85	96.2%
GULF COAST ULSD CRACK SPR	GY	0	18.16	-100.0%	0	-	0	27.38	-100.0%
HEATING OIL BALMO CLNDR S	1G	1	1.95	-73.0%	0	-	0	1.4	-82.1%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	0	0	-	0	-	0	114.8	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	78.95	-100.0%	0	-	0	67.53	-100.0%
HENRY HUB FINANCIAL LAST	TTE	0	0.58	-100.0%	0	-	0	3.28	-100.0%
HENRY HUB INDEX SWAP FUTU	IN	0	0	-	0	-	0	114.8	-100.0%
HENRY HUB SWAP	NN	6,853	7,364.21	-6.9%	9,006.76	-23.9%	7,984	9,580.85	-16.7%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	260	286.84	-9.4%	436.67	-40.5%	353	496.5	-29.0%
IN DELIVERY MONTH EUA	6T	0	0	-	0	-	0	0	-
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	7	1.58	350.0%	11.67	-39.1%	10	0.75	1166.7%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA CRACK S	JB	0	12.37	-100.0%	0	-	0	13.88	-100.0%
JAPAN C&F NAPHTHA SWAP	JA	67	95.21	-30.0%	66.76	-0.1%	67	110.08	-39.4%
JAPAN NAPHTHA BALMO SWAP	E6	1	4.63	-71.6%	7.33	-82.1%	4	2.2	103.4%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-	0	0.13	-100.0%
JET CIF NWE VS ICE	JC	1	8.68	-93.9%	2.86	-81.6%	2	10	-82.5%
JET FUEL UP-DOWN BALMO CL	1M	121	343.68	-64.9%	219.95	-45.2%	173	379.5	-54.5%
JKM LNG Futures	JKM	45	1.58	2733.4%	25	78.9%	34	7.38	366.1%
LA CARB DIESEL (OPIS) SWA	KL	4	13.16	-70.0%	4.05	-2.5%	4	11.25	-64.4%
LA CARBOB GASOLINE(OPIS)S	JL	21	10.53	100.0%	38.1	-44.7%	30	33.75	-11.1%
LA JET (OPIS) SWAP	JS	61	134.21	-54.9%	76.19	-20.6%	69	120.63	-43.0%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	58	115.21	-49.7%	198.95	-70.9%	132	160.6	-17.8%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-	0	0	-
MARS (ARGUS) VS WTI SWAP	YX	53	54.21	-2.9%	130.95	-59.8%	94	218.5	-57.1%
MARS (ARGUS) VS WTI TRD M	YV	996	899.47	10.7%	1,629	-38.9%	1,328	1,807.75	-26.5%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 8 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
MARS BLEND CRUDE OIL	MB	0	6.32	-100.0%	0	-	0	19.5	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	1,345	1,961.42	-31.4%	1,215.81	10.6%	1,277	1,471.5	-13.2%
MCCLOSKEY RCH BAY COAL	MFF	189	266.11	-29.2%	113.52	66.1%	149	212.48	-29.8%
MGF FUT	MGF	0	0	-	0	-	0	2	-100.0%
MGN1 SWAP FUT	MGN	1	8.42	-93.8%	5.24	-90.0%	3	6.5	-53.8%
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	7	12.37	-42.6%	21.76	-67.3%	15	15.03	-1.5%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	26	0	-	41.71	-38.2%	34	3	1038.3%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	108	53.95	100.8%	79.81	35.7%	93	73.13	27.7%
MJC FUT	MJC	2	12.63	-83.3%	1.9	10.5%	2	14.25	-86.0%
MNC FUT	MNC	224	192.05	16.7%	172.24	30.1%	197	180.95	8.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	470	467.16	0.5%	917.48	-48.8%	705	873.68	-19.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	4	15.79	-75.0%	22.38	-82.4%	14	13.75	-0.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	6,083	6,330.68	-3.9%	6,418.76	-5.2%	6,259	6,943.5	-9.9%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	159	126.74	25.7%	294.95	-46.0%	231	225.33	2.3%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	494	391.79	26.0%	350.52	40.8%	418	505.18	-17.2%
MONT BELVIEU NATURAL GASOLINE BALM	R0	15	15	-2.5%	57.9	-74.7%	37	22	69.8%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,511	1,138.47	32.7%	1,904	-20.6%	1,717	1,231.18	39.5%
MONT BELVIEU NORMAL BUTANE BALMO	8J	69	21.42	220.9%	85.62	-19.7%	78	50.2	54.6%
NAT GAS BASIS SWAP	TZ6	0	0	-	0	-	0	0	-
NATURAL GAS	XIC	0	0	-	0	-	0	0	-
NATURAL GAS PEN SWP	NP	1,577	1,941	-18.7%	1,384.43	13.9%	1,476	2,612.63	-43.5%
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	872	0	-	0	-	414	1,548	-73.3%
NEPOOL INTR HUB 5MW D AH	U6	0	11.58	-100.0%	0	-	0	85.38	-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	-
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	16	144	-88.9%	40	-59.9%	29	96.15	-70.2%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 9 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
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	21	0	-	40	-47.4%	31	10	210.0%
NGPL TEX/OK	PD	0	35.79	-100.0%	0	-	0	191	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	13	47.89	-72.5%	4.76	176.3%	9	24	-63.5%
NORTHEN NATURAL GAS DEMAR	PE	0	0	-	0	-	0	0	-
NORTHEN NATURAL GAS VENTU	PF	0	0	-	0	-	0	2.5	-100.0%
NORTHWEST ROCKIES BASIS S	NR	93	0	-	63.62	46.4%	78	0	-
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	37	66.05	-44.6%	26.67	37.2%	31	89.25	-64.8%
NY 3.0% FUEL OIL (PLATTS	H1	4	17.11	-76.9%	8.33	-52.6%	6	12.5	-50.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	MP	114	148.89	-23.3%	122.14	-6.5%	118	87.45	35.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	43.42	-100.0%	15	-100.0%	8	20.63	-61.8%
NY HARBOR RESIDUAL FUEL 1	MM	61	57.79	5.1%	35.48	71.2%	47	64.3	-26.2%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-	0	0	-
NYH NO 2 CRACK SPREAD CAL	HK	11	80.79	-86.3%	18.57	-40.5%	15	60.13	-75.1%
NYISO CAPACITY	LHV	3	0	-	8.57	-63.2%	6	3	100.0%
NYISO CAPACITY	NNC	0	1.05	-100.0%	0	-	0	1.25	-100.0%
NYISO CAPACITY	NRS	0	0	-	2.86	-100.0%	2	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	0	-
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	D2	291	4,302.63	-93.2%	0	-	138	2,043.75	-93.2%
NYISO ZONE G 5MW D AH PK	T3	0	33.42	-100.0%	0	-	0	26.38	-100.0%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-	0	0	-
NYISO ZONE J 5MW D AH PK	D3	0	0	-	0	-	0	0	-
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	UY	39	0	-	0	-	19	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	3	0	-	16.29	-84.5%	10	0	-
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OPD	0	0	-	0	-	0	0.25	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 10 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
PANHANDLE BASIS SWAP FUTU	PH	0	14.47	-100.0%	0	-	0	6.88	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	0	-
PETROCHEMICALS	22	10	11.63	-16.7%	13.05	-25.8%	11	7.3	56.8%
PETROCHEMICALS	32	6	9.68	-42.4%	2.76	102.0%	4	8.9	-53.9%
PETROCHEMICALS	3NA	0	0	-	0.81	-100.0%	0	0	-
PETROCHEMICALS	51	0	0	-	0	-	0	0.08	-100.0%
PETROCHEMICALS	8I	15	74.79	-79.3%	45.71	-66.2%	31	40.95	-23.4%
PETROCHEMICALS	91	17	32.84	-47.9%	39.38	-56.6%	29	31.88	-9.6%
PETROCHEMICALS	MAA	0	0	-	1.43	-100.0%	1	0	-
PETROCHEMICALS	MAE	7	11.05	-38.6%	12.86	-47.2%	10	7	42.5%
PETROCHEMICALS	MAS	3	6.32	-50.0%	13.81	-77.1%	9	5.5	59.1%
PETROCHEMICALS	MBE	10	57.37	-82.6%	13.81	-27.6%	12	62.25	-80.7%
PETROCHEMICALS	MNB	80	76.74	4.3%	53.48	49.7%	66	79.7	-17.1%
PETROCHEMICALS	MPS	3	4.74	-33.3%	15	-78.9%	9	4	134.4%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	2.89	-100.0%	0	-	0	10.23	-100.0%
PETRO CRCKS & SPRDS NA	CRB	118	0	-	400	-70.4%	266	15.38	1631.7%
PETRO CRCKS & SPRDS NA	EXR	161	170.74	-5.9%	114.86	39.9%	137	158	-13.5%
PETRO CRCKS & SPRDS NA	FOC	26	47.37	-44.4%	30.95	-15.0%	29	27.5	4.5%
PETRO CRCKS & SPRDS NA	GBB	11	38.79	-72.9%	80.95	-87.0%	48	49.05	-3.2%
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	-	0	10	-100.0%
PETRO CRCKS & SPRDS NA	GCI	11	48.21	-78.2%	84.29	-87.5%	49	104.48	-52.9%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GCU	154	374.26	-58.8%	218.19	-29.4%	188	558.93	-66.4%
PETRO CRCKS & SPRDS NA	GFC	5	0	-	0	-	3	0	-
PETRO CRCKS & SPRDS NA	HOB	0	53.21	-100.0%	37.14	-100.0%	20	49.9	-60.9%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	NFG	0	2.63	-100.0%	0	-	0	1.25	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	634	147.53	329.5%	507.48	24.9%	567	221.65	156.0%
PETRO CRCKS & SPRDS NA	RVG	875	705.26	24.1%	586.43	49.2%	724	830.43	-12.9%
PETRO CRCKS & SPRDS NA	SF3	11	7.89	37.3%	0	-	5	4.13	24.8%
PETRO CRK&SPRD EURO	1NB	68	156.95	-56.7%	120.71	-43.7%	96	110.68	-13.6%
PETRO CRK&SPRD EURO	1ND	0	5.26	-100.0%	0	-	0	2.5	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 11 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
PETRO CRK&SPRD EURO	43	0	21.58	-100.0%	0	-	0	21.95	-100.0%
PETRO CRK&SPRD EURO	BOB	24	59.89	-59.7%	32.43	-25.5%	29	86.35	-67.0%
PETRO CRK&SPRD EURO	EOB	0	0.26	-100.0%	0	-	0	2.33	-100.0%
PETRO CRK&SPRD EURO	EPN	29	51.53	-43.9%	32.1	-10.0%	31	54.3	-43.7%
PETRO CRK&SPRD EURO	EVC	14	92.68	-84.5%	32.14	-55.3%	24	109.25	-78.3%
PETRO CRK&SPRD EURO	FVB	0	1.58	-100.0%	0	-	0	0.75	-100.0%
PETRO CRK&SPRD EURO	GCB	0	0	-	13.43	-100.0%	7	4.38	61.1%
PETRO CRK&SPRD EURO	GOC	0	1.26	-100.0%	0	-	0	1.73	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MUD	0	4.21	-100.0%	0.48	-100.0%	0	2.5	-90.0%
PETRO CRK&SPRD EURO	NBB	2	0.26	539.9%	0	-	1	0.75	6.7%
PETRO CRK&SPRD EURO	NOB	30	99.21	-70.0%	31.19	-4.7%	31	102.43	-70.2%
PETRO CRK&SPRD EURO	SFB	0	0	-	1.43	-100.0%	1	0	-
PETROLEUM PRODUCTS	1NM	4	0	-	0	-	2	0	-
PETROLEUM PRODUCTS	EWG	223	393.05	-43.3%	173.1	28.7%	197	389.38	-49.5%
PETROLEUM PRODUCTS	MME	0	1.58	-100.0%	0	-	0	0.75	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	0	0	-	6.43	-100.0%	3	0	-
PETROLEUM PRODUCTS ASIA	E6M	1	16	-96.7%	1.43	-63.2%	1	8.6	-88.4%
PETROLEUM PRODUCTS ASIA	MJN	88	86.89	1.5%	82.24	7.2%	85	129.5	-34.3%
PETRO OUTRIGHT EURO	OB	0	1.58	-100.0%	0	-	0	1.25	-100.0%
PETRO OUTRIGHT EURO	OC	0	0	-	0.24	-100.0%	0	0	-
PETRO OUTRIGHT EURO	OD	46	40.58	13.5%	64.1	-28.1%	56	45.3	22.6%
PETRO OUTRIGHT EURO	OE	1	0.53	30.0%	0.86	-20.2%	1	0.25	210.0%
PETRO OUTRIGHT EURO	OF	16	34.47	-53.1%	12.62	28.0%	14	29.5	-51.5%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-	0	0.38	-100.0%
PETRO OUTRIGHT EURO	33	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	5L	0	1.74	-100.0%	2.48	-100.0%	1	1.08	20.9%
PETRO OUTRIGHT EURO	63	0	0.63	-100.0%	0	-	0	0.8	-100.0%
PETRO OUTRIGHT EURO	7I	0	0	-	8.43	-100.0%	4	1.6	176.6%
PETRO OUTRIGHT EURO	7R	27	24.16	13.1%	8.62	216.9%	18	20.83	-16.0%
PETRO OUTRIGHT EURO	88	0	0	-	0	-	0	1.25	-100.0%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-	0	0.5	-100.0%
PETRO OUTRIGHT EURO	CGB	1	0	-	0.48	10.5%	1	0	-
PETRO OUTRIGHT EURO	CPB	13	35.21	-62.6%	32.62	-59.7%	23	32.73	-28.6%
PETRO OUTRIGHT EURO	EFF	1	0	-	3.1	-66.0%	2	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 12 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
PETRO OUTRIGHT EURO	EFM	1	0	-	0	-	1	0	-
PETRO OUTRIGHT EURO	ENS	0	2.37	-100.0%	0	-	0	1.38	-100.0%
PETRO OUTRIGHT EURO	EWN	45	26.68	67.3%	33.57	32.9%	39	42.03	-7.6%
PETRO OUTRIGHT EURO	FLB	0	0	-	0.29	-100.0%	0	0	-
PETRO OUTRIGHT EURO	GES	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	MBB	0	5.05	-100.0%	0	-	0	3.4	-100.0%
PETRO OUTRIGHT EURO	MBN	12	57.32	-78.9%	17.43	-30.5%	15	59.1	-74.8%
PETRO OUTRIGHT EURO	MEF	16	0	-	15.86	0.2%	16	0	-
PETRO OUTRIGHT EURO	S5M	1	0	-	0.95	27.1%	1	0	-
PETRO OUTRIGHT EURO	SMU	7	5.26	25.0%	0	-	3	4.45	-29.8%
PETRO OUTRIGHT EURO	T0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	T2B	0	0	-	0.71	-100.0%	0	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-	0	12	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	FCB	0	0.37	-100.0%	0	-	0	3.38	-100.0%
PETRO OUTRIGHT NA	FOM	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	JE	0	2.37	-100.0%	0	-	0	1.13	-100.0%
PETRO OUTRIGHT NA	JET	116	158.68	-27.0%	91.67	26.3%	103	122.63	-15.9%
PETRO OUTRIGHT NA	JTB	32	23.68	33.3%	34.52	-8.5%	33	23.75	39.5%
PETRO OUTRIGHT NA	MBL	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	MEN	4	17.32	-75.4%	13.29	-67.9%	9	10.75	-16.3%
PETRO OUTRIGHT NA	MEO	142	261.63	-45.5%	131	8.8%	136	226.73	-39.8%
PETRO OUTRIGHT NA	MFD	0	1.58	-100.0%	0	-	0	0.75	-100.0%
PETRO OUTRIGHT NA	MMF	4	0.95	311.1%	3.38	15.2%	4	0.65	457.7%
PETRO OUTRIGHT NA	XER	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	2,459	0	-	1,114.29	120.7%	1,753	0	-
PJM AD HUB 5MW REAL TIME	Z9	0	0	-	60.71	-100.0%	32	127.5	-75.0%
PJM ATSI ELEC	MOD	0	0	-	0	-	0	0	-
PJM ATSI ELEC	MPD	0	0	-	0	-	0	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	-

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 13 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
PJM NI HUB 5MW REAL TIME	B3	0	0	-	0	-	0	127.5	-100.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	-	0	-	0	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	1,170	-100.0%
PJM WESTHDA PEAK	J4	0	0	-	0	-	0	63.75	-100.0%
PJM WESTH RT OFF-PEAK	N9	0	1,231.58	-100.0%	1,114.29	-100.0%	585	1,755	-66.7%
PJM WESTH RT PEAK	L1	152	157.89	-4.0%	123.95	22.3%	137	391.25	-65.0%
PLASTICS	PGP	49	36.84	34.0%	70.33	-29.8%	60	25.8	134.0%
PREMIUM UNLD 10P FOB MED	3G	8	41.21	-80.8%	17.05	-53.7%	13	26.15	-51.4%
PREMIUM UNLEAD 10PPM FOB	8G	1	3.68	-74.3%	0	-	0	3.88	-88.4%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	4.21	-100.0%	0.95	-100.0%	1	2	-75.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	1	0.53	50.0%	0.71	10.5%	1	0.25	200.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	154	24.68	523.2%	131.81	16.7%	142	18.23	680.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	929	501.84	85.2%	799.57	16.2%	861	376.78	128.6%
RBOB CALENDAR SWAP	RL	323	195.37	65.2%	231.29	39.5%	275	196.5	39.8%
RBOB CRACK SPREAD	RM	35	21.84	59.0%	32.14	8.1%	33	50.75	-34.2%
RBOB GASOLINE BALMO CLNDR	1D	81	34.79	131.8%	31.43	156.6%	55	22.18	147.1%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	4	0	-	0	-	2	10	-81.3%
SAN JUAN BASIS SWAP	NJ	0	1.63	-100.0%	0	-	0	0.78	-100.0%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	1	1.84	-71.4%	0.48	10.5%	1	2.38	-78.9%
SINGAPORE 380CST BALMO	BT	0	5.32	-95.0%	0.95	-72.4%	1	3.9	-84.0%
SINGAPORE 380CST FUEL OIL	SE	135	228.11	-40.7%	206.48	-34.5%	173	266.6	-35.2%
SINGAPORE FUEL 180CST CAL	UA	11	40.26	-73.7%	12.67	-16.5%	12	37.35	-68.7%
SINGAPORE FUEL OIL SPREAD	SD	3	38.74	-91.4%	5.33	-37.8%	4	25.28	-82.7%
SINGAPORE GASOIL	MAF	95	0	-	74.24	27.5%	84	0	-
SINGAPORE GASOIL	MTB	2	0.32	650.0%	1.76	34.4%	2	1.95	5.1%
SINGAPORE GASOIL	MTS	161	278.58	-42.2%	224.95	-28.4%	195	244.1	-20.3%
SINGAPORE GASOIL	STZ	0	11.84	-100.0%	0	-	0	100	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 14 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	-	0	1.25	-100.0%
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	-	0	6.25	-100.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	4.74	-100.0%	0	-	0	5	-100.0%
SINGAPORE GASOIL CALENDAR	MSG	5	0.53	800.0%	12.38	-61.7%	9	91.23	-90.4%
SINGAPORE GASOIL CALENDAR	SGG	0	5.26	-100.0%	0	-	0	8.13	-100.0%
SINGAPORE GASOIL SWAP	SG	45	97.53	-53.5%	94.67	-52.1%	71	355.3	-80.0%
SINGAPORE GASOIL VS ICE	GA	0	995.79	-100.0%	60.24	-100.0%	32	1,248	-97.5%
SINGAPORE JET KERO BALMO	BX	0	8.68	-100.0%	0	-	0	4.13	-100.0%
SINGAPORE JET KERO GASOIL	RK	0	406.05	-100.0%	4.76	-100.0%	3	392.38	-99.4%
SINGAPORE JET KEROSENE SW	KS	21	106.32	-80.7%	35.24	-41.7%	28	76.75	-63.2%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-	0	0.63	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	20	25.42	-22.4%	4.76	314.5%	12	28.45	-58.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	1,019	828.68	23.0%	703.33	44.9%	853	979.85	-12.9%
SINGAPORE NAPHTHA SWAP	SP	0	10.53	-100.0%	0	-	0	5	-100.0%
SING FUEL	MSD	0	0	-	0	-	0	0	-
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	0	-	0	0	-
Sumas Basis Swap	NK	0	4.79	-100.0%	0	-	0	2.28	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	13	11.89	6.2%	5.71	121.1%	9	8.65	4.0%
TC5 RAS TANURA TO YOKOHAM	TH	20	7.63	165.5%	17.62	15.0%	19	5	277.5%
TCO BASIS SWAP	TC	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	TL	212	26.11	710.5%	199.76	5.9%	205	19.38	960.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-	0	0	-
Tetco STX Basis	TX	0	0	-	0	-	0	0	-
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-	0	0	-
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	0	-
Transco Zone 3 Basis	CZ	0	0	-	0	-	0	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	-	0	-	0	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-	0	0	-
UCM FUT	UCM	1	0	-	0	-	1	0.75	-33.3%
UK NBP NAT GAS CAL MTH FUT	UKG	37	237.42	-84.4%	55.95	-33.7%	47	114.13	-58.8%
ULSD 10PPM CIF MED VS ICE	Z7	0	0.26	-100.0%	0	-	0	0.35	-100.0%
ULSD UP-DOWN BALMO SWP	1L	283	219.47	29.1%	406.67	-30.3%	348	268.5	29.7%
UP DOWN GC ULSD VS NMX HO	LT	1,232	1,550.21	-20.6%	1,736.9	-29.1%	1,497	2,031.75	-26.3%
WAHA BASIS	NW	0	36.21	-100.0%	5.95	-100.0%	3	52.15	-94.0%
WESTERN RAIL DELIVERY PRB	QP	0	0.79	-100.0%	0	-	0	0.38	-100.0%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 15 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Futures									
WTI-BRENT BULLET SWAP	BY	0	0	-	28.57	-100.0%	15	0	-
WTI-BRENT CALENDAR SWAP	BK	1,470	1,554.84	-5.4%	967.86	51.9%	1,207	2,037.83	-40.8%
WTI CALENDAR	CS	2,115	1,748.42	21.0%	1,406.57	50.3%	1,743	2,021	-13.8%
WTS (ARGUS) VS WTI SWAP	FF	11	554.21	-98.0%	386.57	-97.1%	208	534	-61.0%
WTS (ARGUS) VS WTI TRD MT	FH	32	7.89	300.0%	64.76	-51.2%	49	3.75	1206.7%
Energy Options									
BRENT 1 MONTH CAL	AA	0	157.89	-100.0%	0	-	0	75	-100.0%
BRENT CALENDAR SWAP	BA	0	0	-	0	-	0	28.5	-100.0%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-	0	50	-100.0%
BRENT CRUDE OIL 1 M CSO	9C	158	0	-	714.29	-77.9%	450	0	-
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BE	2,587	78.95	3176.4%	2,121.38	21.9%	2,342	50	4584.8%
BRENT OIL LAST DAY	BZO	3,840	5,415.21	-29.1%	4,941.14	-22.3%	4,418	4,962.95	-11.0%
BRENT OIL LAST DAY	OS	0	52.63	-100.0%	0	-	0	26	-100.0%
COAL API2 INDEX	CLA	0	56.58	-100.0%	0	-	0	42.13	-100.0%
COAL API2 INDEX	CQA	2	11.84	-84.4%	8.33	-77.9%	5	9.38	-44.0%
COAL API4 INDEX	RLA	0	0	-	0	-	0	0.63	-100.0%
COAL API4 INDEX	RQA	0	0	-	0	-	0	1.5	-100.0%
COAL SWAP	CPF	0	0	-	0	-	0	0	-
COAL SWAP	RPF	0	0	-	0	-	0	0	-
CRUDE OIL 1MO	WA	7,432	9,224.21	-19.4%	16,180.95	-54.1%	12,025	10,243.38	17.4%
CRUDE OIL APO	AO	2,232	2,205.37	1.2%	772.24	189.0%	1,465	2,636.68	-44.4%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	WCI	7	0	-	39.29	-81.9%	24	0	-
CRUDE OIL PHY	CD	0	44.74	-100.0%	0	-	0	56.25	-100.0%
CRUDE OIL PHY	LC	573	700.63	-18.3%	338.38	69.2%	450	756.93	-40.6%
CRUDE OIL PHY	LO	107,677	212,708.47	-49.4%	118,513.71	-9.1%	113,366	196,068.03	-42.2%
CRUDE OIL PHY	LO1	1,105	600.37	84.1%	903	22.4%	999	679.48	47.0%
CRUDE OIL PHY	LO2	768	801.21	-4.2%	768.76	-0.1%	768	757.1	1.5%
CRUDE OIL PHY	LO3	475	435.42	9.1%	353.43	34.4%	411	598.8	-31.3%
CRUDE OIL PHY	LO4	565	484.42	16.7%	469.71	20.3%	515	582.88	-11.6%
CRUDE OIL PHY	LO5	2	0	-	0	-	1	0	-

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 16 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Options									
ETHANOL	CE1	0	0	-	0	-	0	0	-
ETHANOL	CE3	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	327	379.26	-13.8%	262.14	24.8%	293	433.9	-32.5%
ETHANOL SWAP	GVR	0	43.42	-100.0%	28.57	-100.0%	15	25.13	-40.3%
HEATING OIL PHY	LB	7	0	-	0	-	3	0	-
HEATING OIL PHY	OH	1,451	2,753.32	-47.3%	1,478.62	-1.8%	1,466	2,135.98	-31.4%
HENRY HUB FINANCIAL LAST	E7	155	124.84	24.2%	492.14	-68.5%	332	284.78	16.6%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	47.62	-100.0%	25	0	-
LLS CRUDE OIL	WJO	0	5.26	-100.0%	0	-	0	2.5	-100.0%
LLS CRUDE OIL	YVO	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	4.74	-100.0%	6.19	-100.0%	3	2.25	44.4%
MCCLOSKEY RCH BAY COAL	MFO	12	28.95	-60.0%	0	-	6	21.25	-74.1%
NATURAL GAS 1 M CSO FIN	G4	2,061	3,509.21	-41.3%	5,500	-62.5%	3,866	5,313.55	-27.2%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	0	-	0	0	-
NATURAL GAS 3 M CSO FIN	G3	29	286.84	-89.9%	0	-	14	161.28	-91.5%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	0	0	-
NATURAL GAS 6 M CSO FIN	G6	432	1,252.63	-65.5%	403.57	6.9%	417	961.25	-56.6%
NATURAL GAS OPTION ON CALENDAR STR	6J	189	78.95	140.0%	42.86	342.1%	113	312.6	-64.0%
NATURAL GAS PHY	KD	137	1,066.32	-87.2%	109.52	24.8%	122	1,555.45	-92.1%
NATURAL GAS PHY	LN	66,325	93,111	-28.8%	109,044.81	-39.2%	88,753	149,614.25	-40.7%
NATURAL GAS PHY	ON	6,830	6,779.79	0.7%	8,726.38	-21.7%	7,826	13,315.43	-41.2%
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-	0	0	-
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	42	287.21	-85.4%	107	-60.7%	76	190	-59.9%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-	0	0	-
PETROCHEMICALS	4H	64	23.42	171.9%	10.71	494.4%	36	40.83	-12.1%
PETROCHEMICALS	4J	0	71.05	-100.0%	0	-	0	33.75	-100.0%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	BCO	0	0	-	1.14	-100.0%	1	0	-
PETRO OUTRIGHT NA	DAP	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	6OA	1	1.05	0.0%	0	-	1	0.5	0.0%
PJM WES HUB PEAK CAL MTH	JOA	0	46.32	-100.0%	0	-	0	22	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	36.37	-100.0%	20.95	-100.0%	11	55.73	-80.3%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 17 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Options									
RBOB 1MO CAL SPD OPTIONS	ZA	0	10.53	-100.0%	7.14	-100.0%	4	5	-25.0%
RBOB CALENDAR SWAP	RA	0	15.79	-100.0%	8.57	-100.0%	5	7.5	-40.0%
RBOB CRACK	RX	0	0	-	0	-	0	0	-
RBOB PHY	OB	800	762.05	4.9%	389.62	105.2%	584	741.8	-21.2%
RBOB PHY	RF	26	6.58	296.8%	0	-	12	3.13	296.8%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-	0	0	-
SHORT TERM	C15	0	0	-	0	-	0	0	-
SHORT TERM	U11	13	0	-	0	-	6	7.5	-16.7%
SHORT TERM	U12	37	5.79	536.4%	0	-	18	5.25	233.3%
SHORT TERM	U13	0	0	-	0	-	0	0	-
SHORT TERM	U14	0	33.42	-100.0%	2.38	-100.0%	1	15.88	-92.1%
SHORT TERM	U15	32	1.32	2300.0%	9.52	231.6%	20	0.63	3100.0%
SHORT TERM	U22	0	0	-	0	-	0	25.63	-100.0%
SHORT TERM	U23	0	0	-	0	-	0	4.5	-100.0%
SHORT TERM	U24	0	0	-	0	-	0	2.5	-100.0%
SHORT TERM	U25	0	0	-	0	-	0	0	-
SHORT TERM	U26	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U01	1	0	-	23.81	-94.5%	13	3.13	320.0%
SHORT TERM NATURAL GAS	U02	0	23.95	-100.0%	0	-	0	11.38	-100.0%
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	0	3.25	-100.0%
SHORT TERM NATURAL GAS	U04	32	0	-	0	-	15	6.25	140.0%
SHORT TERM NATURAL GAS	U05	11	21.05	-50.0%	0	-	5	10.63	-52.9%
SHORT TERM NATURAL GAS	U06	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U07	11	13.16	-20.0%	4.76	121.1%	8	6.25	20.0%
SHORT TERM NATURAL GAS	U08	26	17.11	53.8%	0	-	13	30.63	-59.2%
SHORT TERM NATURAL GAS	U09	0	6.58	-100.0%	4.76	-100.0%	3	4.4	-43.2%
SHORT TERM NATURAL GAS	U10	0	0	-	0	-	0	2.5	-100.0%
SHORT TERM NATURAL GAS	U16	0	7.11	-100.0%	4.76	-100.0%	3	13.38	-81.3%
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	0	5.5	-100.0%
SHORT TERM NATURAL GAS	U18	0	0	-	0	-	0	12.5	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	0	1.5	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U27	0	2.63	-100.0%	0	-	0	1.25	-100.0%
SHORT TERM NATURAL GAS	U28	21	5.26	300.0%	0	-	10	2.5	300.0%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 18 of 19

Commodity		ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	2.5	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	-	0	-	0	2.5	-100.0%
SHORT TERM NATURAL GAS	U31	0	0	-	40.48	-100.0%	21	0.63	3300.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALENDAR	N2	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	BV	3,982	6,420.63	-38.0%	4,102.62	-3.0%	4,045	5,721.75	-29.3%
WTI CRUDE OIL 1 M CSO FI	7A	1,687	2,125	-20.6%	2,878.57	-41.4%	2,313	2,923.13	-20.9%
Ag Products Futures									
COCOA TAS	CJ	0	0	-	0	-	0	0	-
COTTON	TT	0	0	-	0.14	-100.0%	0	0.05	50.0%
SUGAR 11	YO	0	0	-	0	-	0	0	-
TOTAL FUTURES GROUP									
Ag Products Futures		0	0	-	0.14	-100.0%	0	0.05	50.0%
Energy Futures		2,115,036	2,455,095.05	-13.9%	2,209,981.81	-4.3%	2,164,882	2,563,443.85	-15.5%
Metals Futures		473,334	627,845.79	-24.6%	502,026.86	-5.7%	488,398	669,374.03	-27.0%
TOTAL FUTURES		2,588,370	3,082,940.84	-16.0%	2,712,008.81	-4.6%	2,653,280.23	3,232,817.93	-17.9%
TOTAL OPTIONS GROUP									
Energy Options		212,159	352,345.84	-39.8%	279,883.86	-24.2%	247,715	401,692.78	-38.3%
Metals Options		51,253	61,773.95	-17.0%	61,635.1	-16.8%	56,703	58,970.35	-3.8%
TOTAL OPTIONS		263,412	414,119.79	-36.4%	341,518.95	-22.9%	304,417.98	460,663.13	-33.9%

NYMEX/COMEX Exchange ADV Report - Monthly

February 2019

Page 19 of 19

Commodity	ADV FEB 2019	ADV FEB 2018	% CHG	ADV JAN 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
TOTAL COMBINED								
Metals	524,587	689,619.74	-23.9%	563,661.95	-6.9%	545,101	728,344.38	-25.2%
Energy	2,327,195	2,807,440.89	-17.1%	2,489,865.67	-6.5%	2,412,597	2,965,136.63	-18.6%
Ag Products	0	0	-	0.14	-100.0%	0	0.05	50.0%
GRAND TOTAL	2,851,781	3,497,060.63	-18.5%	3,053,527.76	-6.6%	2,957,698.2	3,693,481.05	-19.9%