

Energy Market Update & Daily Report						
Buffalo, NY- Weekly Weather Outlook						
5/18/2017	5/19/2017	5/20/2017	5/21/2017	5/22/2017	5/23/2017	5/24/2017
76/54	59/47	68/57	75/56	59/53	67/55	61/51

ELECTRIC POWER- NY Transfer Rates

Outlook: Forward Electric Market - NY- Zone A

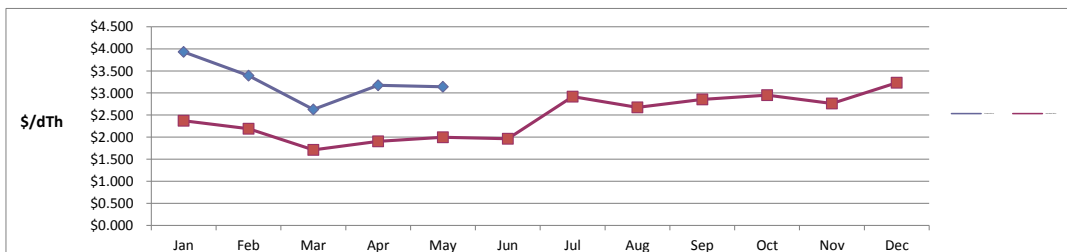
ISO Market	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
NY- Zone A	38.85	53.53	47.59	37.10	33.78	33.80	38.78
NY- Zone C	17.95	23.10	22.10	19.00	20.25	21.30	25.10

POWER RATES (Electric): New York- NYISO- Zone A/B/C/J

Daily Hour	Zone A- West (\$/mWh)		Zone B- Genesee (\$/mWh)		Zone C- Central (\$/mWh)		Zone J- NYC (\$/mWh)	
	DAM	RTM	DAM	RTM	DAM	RTM	DAM	RTM
0	9.91	5.68	9.48	5.31	9.94	5.80	26.93	28.00
1	8.13	0.64	7.72	0.11	8.11	0.62	23.23	26.03
2	7.58	2.09	7.21	1.83	7.56	2.10	20.59	15.64
3	7.54	2.10	7.19	1.78	7.53	2.11	20.38	18.41
4	7.54	6.41	7.17	6.31	7.52	6.57	20.25	15.77
5	10.35	16.17	9.97	16.33	10.40	16.58	24.98	19.80
6	19.34	18.16	18.98	18.39	19.36	18.58	28.36	19.99
7	21.10	26.01	20.62	26.61	21.18	27.04	33.31	29.39
8	41.00	20.66	25.74	21.01	27.74	21.30	37.39	23.18
9	45.11	23.33	25.85	23.81	28.28	24.12	41.19	26.88
10	49.02	24.41	25.97	25.02	28.74	25.39	44.24	32.67
11	50.56	20.93	26.09	21.43	28.87	21.75	44.39	31.28
12	51.46	20.66	26.45	21.18	29.21	21.50	46.95	33.74
13	58.11	22.64	27.35	23.17	30.70	23.52	48.32	59.02
14	58.48	24.74	28.26	25.27	31.73	25.63	50.32	47.03
15	62.24	30.62	30.56	31.28	34.21	32.07	54.18	43.35
16	65.14	45.42	34.72	33.62	38.23	36.38	57.01	92.74
17	60.05	76.20	33.27	37.50	36.46	42.95	56.73	117.78
18	55.11	35.48	36.49	36.14	38.84	37.31	50.68	62.37
19	54.76	37.91	33.73	39.18	36.21	39.91	47.43	44.54
20	56.17	78.14	36.60	80.58	39.05	81.92	50.17	90.84
21	44.20	40.25	30.39	41.53	32.25	42.19	45.70	49.64
22	23.12	30.10	22.72	30.78	23.19	31.24	39.33	37.06
23	18.62	38.61	18.41	39.26	18.87	39.71	31.11	71.62
Daily Avg.	36.86	26.97	22.96	25.31	24.76	26.10	39.30	43.20

NATURAL GAS: NYMEX- Natural Gas Contract Settlement Rates History (\$/dth)

Month/Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Jan	\$5.838	\$7.172	\$6.136	\$5.814	\$4.216	\$3.084	\$3.354	\$4.407	\$3.189	\$2.372	\$3.930
Feb	\$6.917	\$7.996	\$4.476	\$5.274	\$4.316	\$2.678	\$3.226	\$5.557	\$2.866	\$2.189	\$3.391
Mar	\$7.547	\$8.930	\$4.056	\$4.816	\$3.793	\$2.446	\$3.427	\$4.855	\$2.894	\$1.711	\$2.627
Apr	\$7.558	\$9.578	\$3.631	\$3.842	\$4.240	\$2.191	\$3.976	\$4.584	\$2.590	\$1.903	\$3.175
May	\$7.508	\$11.280	\$3.321	\$4.271	\$4.377	\$2.036	\$4.152	\$4.795	\$2.517	\$1.995	\$3.142
Jun	\$7.591	\$11.916	\$3.538	\$4.155	\$4.326	\$2.429	\$4.148	\$4.619	\$2.815	\$1.963	
Jul	\$6.929	\$13.105	\$3.949	\$4.717	\$4.357	\$2.774	\$3.707	\$4.400	\$2.773	\$2.917	
Aug	\$6.110	\$9.217	\$3.379	\$4.774	\$4.370	\$3.010	\$3.459	\$3.808	\$2.886	\$2.672	
Sep	\$5.430	\$8.394	\$2.843	\$3.651	\$3.857	\$2.634	\$3.567	\$3.957	\$2.638	\$2.853	
Oct	\$6.423	\$7.472	\$3.730	\$3.837	\$3.759	\$3.023	\$3.498	\$3.984	\$2.563	\$2.952	
Nov	\$7.269	\$6.469	\$4.289	\$3.292	\$3.524	\$3.471	\$3.496	\$3.728	\$2.033	\$2.764	
Dec	\$7.203	\$6.888	\$4.486	\$4.267	\$3.364	\$3.696	\$3.818	\$4.282	\$2.206	\$3.232	
AVG	\$6.860	\$9.035	\$3.986	\$4.393	\$4.042	\$2.789	\$3.652	\$4.415	\$2.664	\$2.460	\$3.253



Resources:

Entity	Hyperlink
New Wave Energy	www.nwaveenergy.com
NYMEX	http://gsfi.net/common/NYMEXSettlementHistory.pdf
NYISO	www.nyiso.com
National Grid (NIMO)	http://www.cmegroup.com/trading/energy/natural-gas/natural-gas.htm
National Grid (NIMO)	www.nationalgridus.com
NYSEG/RGE	www.nyseg.com / www.rge.com
National Fuel Gas	www.nationalfuelgas.com

Price to Compare

Natural Gas		
Month	Utility	Rate-to-Compare (\$/ccf)
May-17	Nat Fuel	\$0.4766
Electric		
Month	Utility	Rate-to-Compare (\$/kWh)
May-17	NYSEG	\$0.05184
May-17	RGE	\$0.06367
May-17	Natl Grid	\$0.06708