



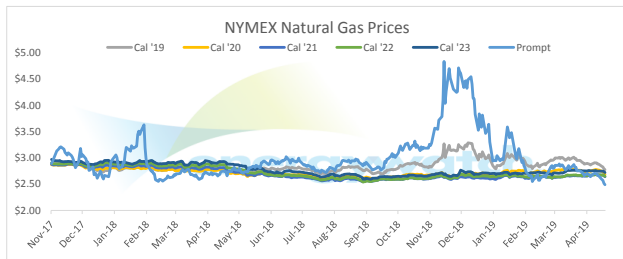
Week Ending: 4/18/2019

Weekly Update:

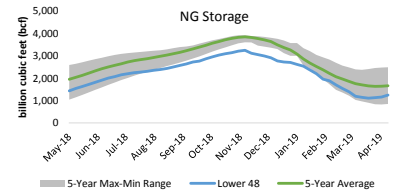
The May natural gas contract closed on Thursday at \$2.490/MMBtu, which is 6.39% below last week's closing price of \$2.660/MMBtu. Mild temperatures keep pushing prices down as high production quickly decreases the storage deficit against last year. Natural gas stockpiles increased by 92 bcf, compared to the five-year average net injection of 21 bcf and the 34 bcf withdrawal seen this same week last year. The total 1,247 bcf in storage is now only 4.4% below last year and 24.9% below the five-year average. Prices at the Transco Zone 6 trading point servicing NYC closed at \$2.35/MMBtu this past Wednesday compared to \$2.55/MMBtu last Wednesday (EIA).

"The price of the 12-month strip averaging May 2019 through April 2020 futures contracts declined 15¢/MMBtu from \$2.876/MMBtu to \$2.726/MMBtu" (EIA). LMP prices at Zone J NYC were around \$28.00/MWh yesterday due to warmer temperatures and high natural gas production and prices are trading around \$25.00/MWh today after the EIA released the storage report. In 2018, prices for this day last year were around \$47.00/MWh and \$48.00/MWh, respectively.

Natural gas pricing plays a key role in electricity power pricing due to the increasing reliance on natural gas fired generators as nuclear, coal, and oil generation is retired and mothballed. As the marginal unit of generation, gas prices are directly correlated to power pricing (more so in some regions such as NYC vs. others such as parts of PJM). We keep an eye on natural gas market fundamentals in order to provide insights into forward power pricing for our clients. Gas production is expected to continue to grow, however, there is speculation that demand growth will outpace supply primarily due to LNG and Mexican exports and increased power burn, presenting upside risk to power pricing in the future.

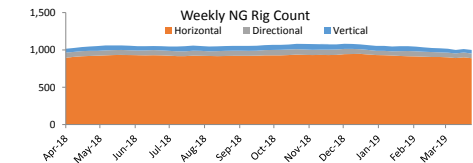


Natural Gas Storage Week Ending 4/12/2019	
Current Week Stocks (bcf)	1,247
Previous Week Stocks (bcf)	1,155
Implied Net Change (bcf)	92
Expected Net Change (bcf)	96
Variance (bcf)	-4
Year-Ago Stocks (bcf)	1,304
Variance vs Prev. Year (%)	-4.4%
5-Year Average (bcf)	1,661
Variance vs 5-YR Avg (%)	-24.9%



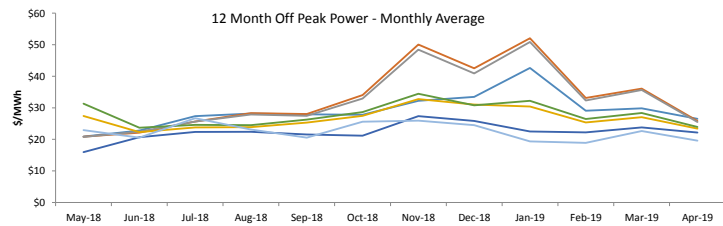
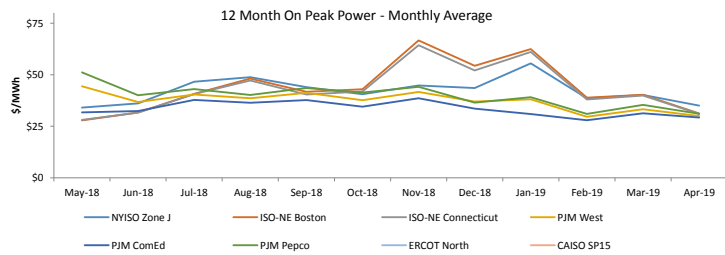
	\$/MMBtu	W-o-W Δ	Y-o-Y Δ
Prompt Month	\$2.490	-4.5%	-9.1%
12-Month	\$2.701	-3.6%	-5.2%
24-Month	\$2.683	-2.8%	-3.4%
Cal 19	\$2.776	-2.6%	1.5%
Cal 20	\$2.684	-2.4%	-0.9%
Cal 21	\$2.641	-1.2%	-3.8%
Cal 22	\$2.649	-0.9%	-5.7%

Week Ending: 4/12/2019	W-o-W Δ
Oil Rigs	829 -0.2%
Gas Rigs	188 -2.1%
Vertical	47 2.2%
Horizontal	889 -1.3%
Directional	63 -1.6%



	Price	W-o-W Δ	Y-o-Y Δ	\$/MMBtu
Natural Gas (\$/MMBtu)	\$2.490	-\$0.17	-6.4%	\$2.49
WTI Crude Oil (\$/bbl)	\$63.76	-\$0.22	-6.6%	\$10.89
#2 Heating Oil (\$/gal)	\$2.07	\$0.03	-1.8%	\$14.95

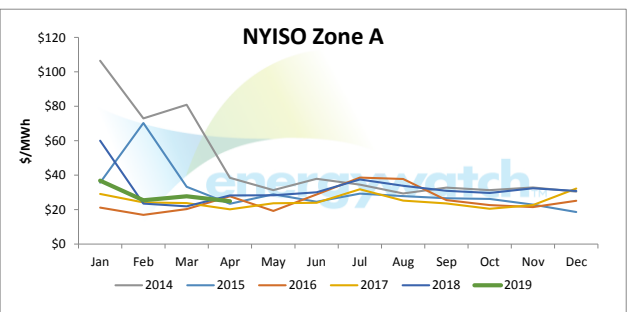
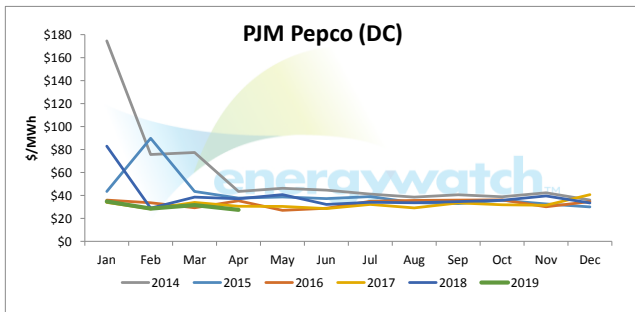
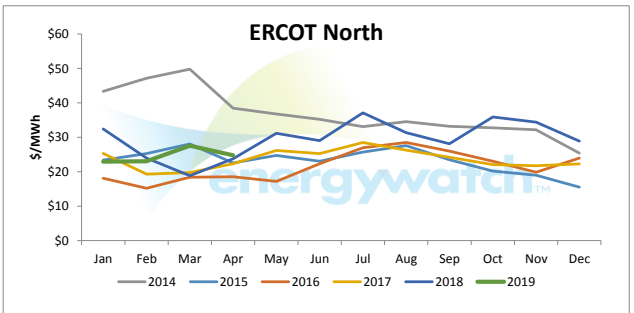
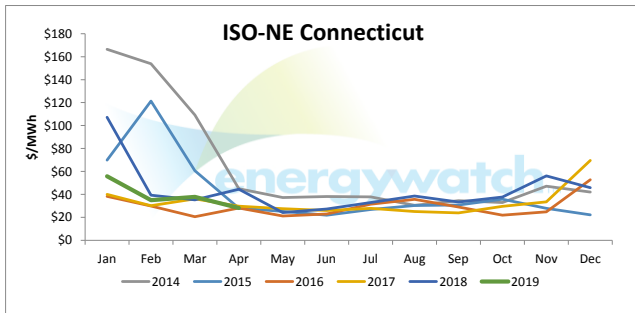
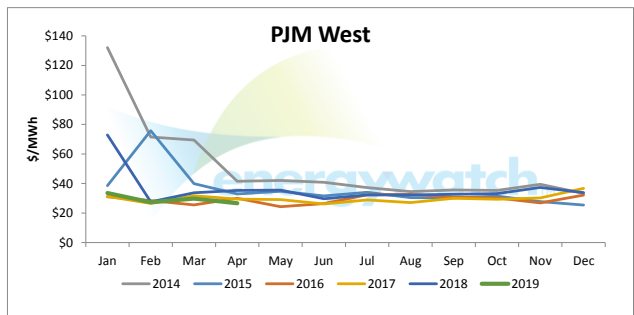
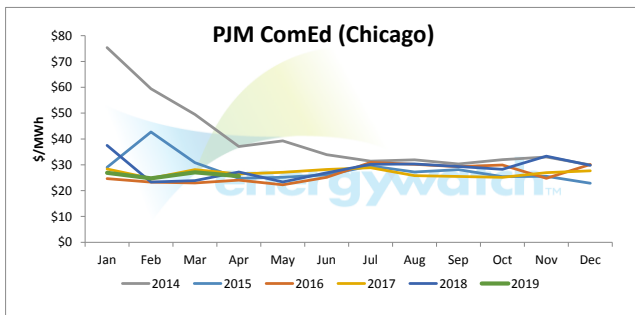
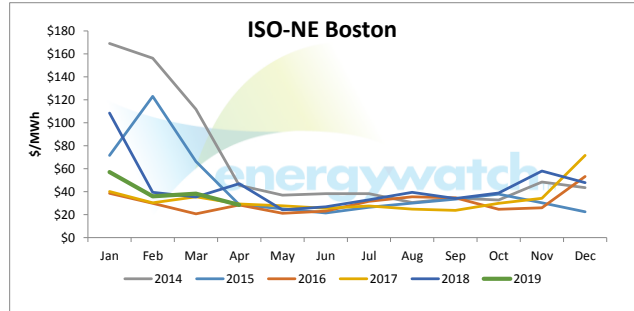
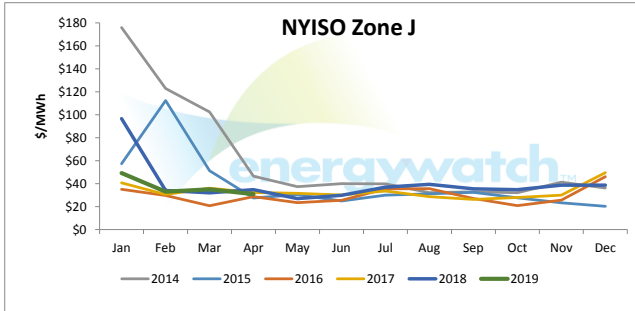
	Avg. Temp	Past 10 Weeks	Departure From Normal	CDD		HDD	
				CDD	HDD	CDD	HDD
Boston	53		4	0	12		
Chicago	58		8	0	7		
Columbus	65		13	2	2		
Dallas	68		1	4	1		
Denver	49		1	0	16		
Detroit	57		9	0	8		
Hartford	52		0	0	14		
Houston	71		1	6	0		
Indianapolis	61		8	1	4		
Las Vegas	68		0	3	0		
Los Angeles	62		2	0	3		
Miami	78		2	14	0		
Minneapolis	48		0	0	17		
New York City	55		2	0	10		
Philadelphia	62		7	1	4		
Phoenix	72		-1	7	0		
Salt Lake City	50		-1	0	15		
San Diego	65		4	1	0		
San Francisco	58		3	0	7		
Seattle	57		6	0	8		
St. Louis	66		7	5	4		
Washington D.C.	65		10	1	1		



The information contained herein has been obtained from sources which EnergyWatch Inc. believes to be reliable. EnergyWatch does not represent or warrant as to its accuracy or completeness. All representations and estimates included herein constitute EnergyWatch's judgment as of the date of the presentation and may be subject to change without notice. This material has been prepared solely for informational purposes relating to our business as an energy management company. We are not providing advice regarding the value or advisability of trading in "commodity interests" as defined in the Commodity Exchange Act, 7 U.S.C. §§ 1-25, et seq., as amended (the "CEA"), including futures contracts, swaps or any other activity which would cause us or any of our affiliates to be considered a commodity trading advisor under the CEA. EnergyWatch does not make and expressly disclaims, any express or implied guaranty, representation or warranty regarding any opinions or statements set forth herein. EnergyWatch shall not be responsible for any reliance upon any information, opinions, or statements contained herein or for any omission or error of fact. All prices referenced herein are indicative and informational. This material shall not be reproduced (in whole or in part) to any other person without the prior written approval of EnergyWatch. Brand names and product names are trademarks or service marks of their respective holders. All rights reserved.



2014 - 2019 YTD Locational Marginal Pricing (LMPs)



The information contained herein has been obtained from sources which EnergyWatch Inc. believes to be reliable. EnergyWatch does not represent or warrant as to its accuracy or completeness. All representations and estimates included herein constitute EnergyWatch's judgment as of the date of the presentation and may be subject to change without notice. This material has been prepared solely for informational purposes relating to our business as an energy management company. We are not providing advice regarding the value or advisability of trading in "commodity interests" as defined in the Commodity Exchange Act, 7 U.S.C. §§ 1-25, et seq., as amended (the "CEA"), including futures contracts, swaps or any other activity which would cause us or any of our affiliates to be considered a commodity trading advisor under the CEA. EnergyWatch does not make and expressly disclaims, any express or implied guaranty, representation or warranty regarding any opinions or statements set forth herein. EnergyWatch shall not be responsible for any reliance upon any information, opinions, or statements contained herein or for any omission or error of fact. All prices referenced herein are indicative and informational. This material shall not be reproduced (in whole or in part) to any other person without the prior written approval of EnergyWatch. Brand names and product names are trademarks or service