NYSERDA Heating Fuels Report

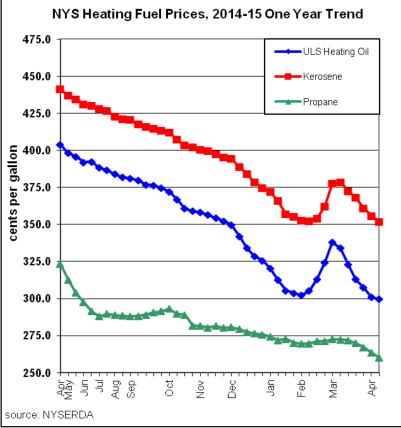
Highlights

- New York Statewide heating degree-days for last week were 34.0% above the 30-year normal. Since the beginning of October, cumulative statewide heating degree-days have exceeded the 30-year normal by 9.7%.
- Weekly average WTI crude oil spot prices increased for the 5th week in a row, increasing by 2.5% since last week and 26% since the middle of March.
- New York statewide average retail prices for ultra-low sulfur (ULS) heating oil, kerosene, and propane all decreased since the last survey. ULS heating oil prices are below \$3/gallon for the first time since October 2010.

Retail Petroleum Prices—On a statewide basis since the last survey on April 13^{th} , prices decreased $1.1 \notin$ /gallon (0.4%) to 299.8 \notin /gallon for ULS heating oil, $4.0 \notin$ /gallon (1.1%) to $351.9 \notin$ /gallon for kerosene, and $3.1 \notin$ /gallon (1.2%) to $260.4 \notin$ /gallon for propane. Compared to a year earlier, prices decreased $104.1 \notin$ /gallon (25.8%) for heating oil, 89.4 \notin /gallon (20.3%) for kerosene and $62.9 \notin$ /gallon (19.5%) for propane.

Crude Oil Prices—For the week ending 4/24/15, WTI crude oil spot prices averaged \$56.14/bbl, an increase of \$1.36/bbl (2.5%) from the week-ago average of \$54.78/bbl. WTI prices are now \$45.97/bbl (45.0%) below the year-ago weekly average of \$102.11/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 4/24/15, Henry Hub natural gas spot prices averaged \$2.574 per million Btu (mmBtu), a decrease of \$0.010/mmBtu (0.4%) from the prior week level of \$2.584/mmBtu. Prices are currently \$2.184/mmBtu (45.9%) below the year-earlier weekly average of \$4.758/mmBtu.



Residential Natural Gas Prices—The NYS average price in January 2015 was \$1.025/therm, a decrease of \$0.015/therm (1.4%) from the prior month of \$1.040/therm, and was \$0.065/therm (6.0%) lower than the year earlier average of \$1.091/therm.

Middle Atlantic Stocks—Current and historic heating fuel inventory data is presented in the table below.

Middle Atlantic Region, Weekly Inventories (million barrels)							
Fuel Type	4/24/2015	4/17/2015	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5- Year Avg
ULS Distillate (0-15 ppm)	12.8	11.8	8.3%	12.1	5.5%	10.5	21.8%
Non-road Diesel (15-500 ppm)	0.8	0.6	28.2%	0.8	1.1%	1.6	-48.5%
High Sulfur Distillate (>500 ppm)	3.1	3.2	-5.5%	4.5	-31.5%	13.5	-77.4%
Total Distillate Oil	16.6	15.7	6.3%	17.4	-4.2%	25.6	-35.0%
Propane	1.776	1.498	18.6%	1.198	48.2%	1.095	62.2%
#6 Residual Oil	5.6	5.4	2.2%	6.1	-9.0%	8.2	-32.2%
US Natural Gas	1,710	1,629	5.0%	969	76.5%	1,785	-4.2%
US Crude Oil	490.9	489.0	0.4%	399.4	22.9%	379.5	29.3%

Notes: Natural Gas in billion cubic feet (Bcf)

Middle Atlantic is DE, DC, MD, NJ, NY, and PA

ppm = parts per million sulfur content

Source: US DOE/EIA



REGION	4/27/2015	4/13/2015	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	313.0	312.5	0.2%	416.3	-24.8%
New York City	315.7	310.9	1.5%	415.5	-24.0%
Lower Hudson	299.4	298.7	0.2%	412.4	-27.4%
Upper Hudson	285.1	285.9	-0.3%	393.0	-27.5%
Capital District	291.8	293.3	-0.5%	389.8	-25.1%
North Country	294.2	295.7	-0.5%	392.5	-25.0%
Central	286.0	296.2	-3.4%	393.3	-27.3%
Western	302.2	309.0	-2.2%	404.6	-25.3%
Statewide	299.8	300.9	-0.4%	403.9	-25.8%
Ne	w York State Retail Propa	ne Posted Credit Prices	- 1,100 gallon usage catego	ry (cents per gallon)	
Long Island	311.6	314.0	-0.8%	366.3	-14.9%
Mid-Hudson	266.0	267.8	-0.7%	331.0	-19.6%
Capital District	278.2	284.1	-2.1%	359.7	-22.7%
North Country	278.8	283.8	-1.8%	336.3	-17.1%
Central	239.8	242.8	-1.2%	304.6	-21.3%
Western	235.6	237.4	-0.8%	290.0	-18.8%
Statewide	260.4	263.5	-1.2%	323.3	-19.5%
	New York State	e Retail Kerosene Poste	d Credit Prices (cents per g	allon)	-
Mid-Hudson	363.1	366.8	-1.0%	457.1	-20.6%
Capital District	348.0	350.1	-0.6%	433.2	-19.7%
North Country	345.9	346.7	-0.2%	421.7	-18.0%
Central	345.5	354.7	-2.6%	436.5	-20.8%
Western	344.3	348.2	-1.1%	442.6	-22.2%
Statewide	351.9	355.9	-1.1%	441.3	-20.3%
	New York St	ate Average Residentia	Natural Gas Prices (\$/the	rm)	
REGION	January 2015	December 2014	% Change vs. Prior Month	January 2014	% Change vs. Last Year
Statewide	1.025	1.040	-1.4%	1.091	-6.0%

* Revision

Historic Retail Prices—Statewide average high and low prices since Sept. 1997 for #2 & propane & Sept. 2000 for kerosene.

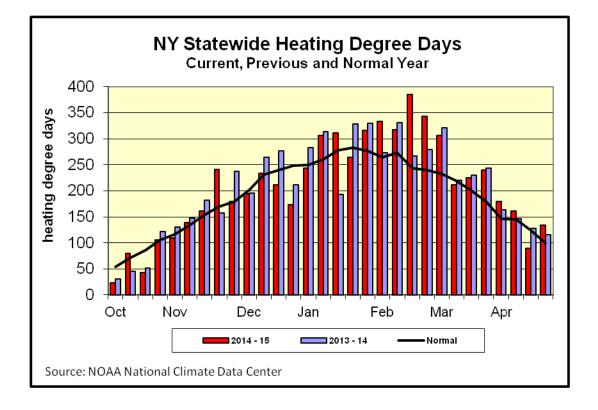
- Heating oil—highest price 477.8¢/gallon on 7/14/08, lowest price 87.6¢/gallon on 9/08/98.
- Propane—highest price 381.1¢/gallon on 2/17/14, lowest price 107.2¢/gallon on 9/20/99.
- Kerosene—highest price 506.8¢/gallon on 7/14/08, lowest price 130.9¢/gallon on 9/09/02.

Residential Natural Gas Prices: Statewide average prices are derived from US EIA most currently available data. NYS gas utility specific prices can be found on the NYS DPS website at http://www.dps.ny.gov/TypicalBills.htm#GasRes.

New York State Regions: Long Island: Nassau and Suffolk New York City: Bronx, Kings, New York, Queens, and Richmond Lower Hudson: Dutchess, Putnam, Rockland, and Westchester Upper Hudson: Columbia, Greene, Orange, Sullivan, and Ulster Capital District: Albany, Fulton Montgomery, Rensselaer, Saratoga, Schenectady, Schoharie, and Washington North Country: Clinton, Essex, Franklin, Hamilton, Jefferson, Lewis, St. Lawrence, and Warren Central: Broome, Cayuga, Chenango, Cortland, Delaware, Herkimer, Madison, Oneida, Onondaga, Oswego, Otsego, Tioga, and Tompkins Western: Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming, and Yates counties. Propane & Kerosene: Mid-Hudson: Columbia, Dutchess, Greene, Orange, Putnam, Rockland, Sullivan, Ulster, and Westchester counties.

Heating Degree Days—On a statewide basis during the past week, the number of heating degree-days (134) was 16.5% above the year-ago level of (115) and 34.0% above the normal trend (100). On a cumulative basis since October 1^{st} , current year heating degree-days (6,260) finished the heating season ahead of the year-ago level (6,214) by 0.7% and are ahead of the normal trend (5,708) by 9.7%.

New York State Heating Degree Day Information, Weekly & Cumulative							
Week Ending April 25				Cumulative From October 1			
Region	2015	2014	Normal	2014-15	2013-14	Normal	
Albany	129	105	106	6,578	6,575	5,993	
Binghamton	163	128	126	6,994	6,930	6,540	
Buffalo	150	112	121	6,630	6,625	6,132	
Glens Falls	151	92	122	7,252	7,322	6,865	
Massena	158	140	131	7,811	7,970	7,415	
NYC	89	83	77	4,861	4,846	4,549	
Rochester	144	114	119	6,484	6,548	6,150	
Syracuse	149	114	118	6,784	6,630	6,241	
Watertown	158	136	133	7,051	7,275	6,944	
Statewide	134	115	100	6,260	6,214	5,708	



Btu Price Equivalents—The Btu graph equates the spot market price, in table below, for NY Harbor ultra-low sulfur diesel fuel and 0.3% sulfur high pour #6 residual fuel, Mont Belvieu propane, and the New York City gate natural gas price on a dollar per million Btu (mmBtu) basis.

\$18

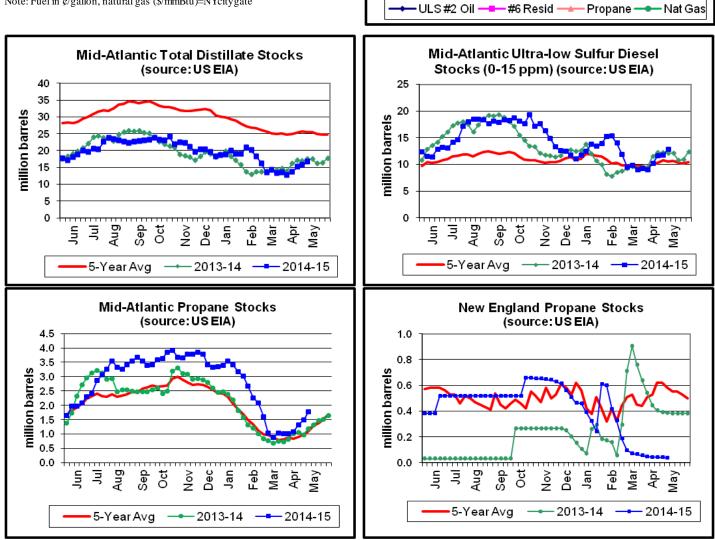
dollars per mmBtu 86 85

\$3 \$0 Mar Spot Market Price in mmBTU's

Apr

New York Spot Prices, Weekly Average						
Fuel	4/24/2015	Year Ago	% Change			
Ultra LS Diesel	189.4	300.2	-36.9%			
#2 Fuel Oil	177.8	291.8	-39.1%			
#6 Residual 0.3%	143.5	259.7	-44.7%			
Propane	55.9	111.7	-49.9%			
Natural Gas	2.161	3.991	-45.9%			

Note: Fuel in ¢/gallon, natural gas (\$/mmBtu)=NYcitygate



Additional historic regional specific prices and supply information is available at NYSERDA's website. For more information please contact Charlie Wesley at (518) 862-1090 ext. 3364, e-mail Charles.Wesley@nyserda.ny.gov.