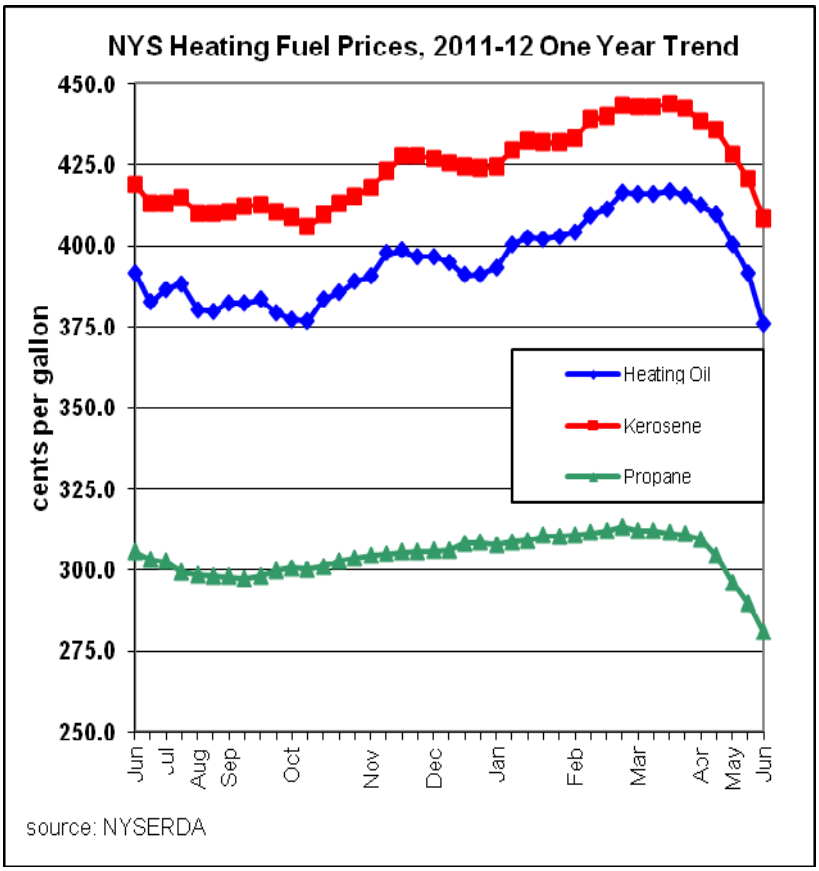
NYSERDA Heating Fuels Report

June 11, 2012

Highlights

- Mid-Atlantic heating oil inventories (greater than 500 ppm sulfur) continued to decline and are 32.4% below the five year average as the regional market prepares for New York's planned transition to ultra-low sulfur home heating oil in July 2012.
- New York statewide average retail prices for heating oil, kerosene, and propane continued their recent sharp decline, mirroring downward price movements in crude oil.

Retail Petroleum Prices—On a statewide basis since the last survey on May 28th, prices decreased 15.8¢/gallon (4.0%) to 375.8¢/gallon for heating oil, 12.3¢/gallon (2.9%) to 408.5¢/gallon for kerosene, and 8.7¢/gallon (3.0%) to 281.0¢/gallon for propane. Compared to a year earlier, prices decreased 15.9¢/gallon (4.1%) for heating oil, 10.5¢/gallon (2.5%) for kerosene, and 24.5¢/gallon (8.0%) for propane.



Crude Oil Prices—For the week ending 6/8/12, WTI crude oil spot prices averaged $84.43/bbl, a decrease of $2.63/bbl (3.0%) from the week-ago average of $87.06/bbl. WTI prices are now $15.62/bbl (15.6%) below the year-ago weekly average of $100.05/bbl. The all-time weekly average high of $142.52/bbl occurred on 7/03/08.

Spot Natural Gas Prices—For the week ending 6/8/12, Henry Hub natural gas spot prices averaged $2.332 per million Btu (mmBtu), a decrease of $0.036/mmBtu (1.5%) from the prior week level of $2.368/mmBtu. Prices are currently $2.498/mmBtu (51.7%) below the year-earlier weekly average of $4.830/mmBtu.

Residential Natural Gas Prices—The NYS average price in March 2012 was $1.254/therm, an increase of $0.102/therm (8.8%) from the prior month of $1.152/therm, and was $0.015/therm (1.2%) greater than the year earlier average of $1.239/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	6/8/2012	6/1/2012	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
Highway Diesel (0-15 ppm)	8.6	9.3	-7.8%	10.8	-20.6%	8.7	-1.9%
Non-road Diesel (15-500 ppm)	0.9	0.7	31.7%	2.2	-60.3%	3.0	-71.0%
Home Heating Oil (>500 ppm)	11.8	11.9	-0.5%	16.7	-29.2%	17.5	-32.4%
Propane	2.308	2.484	-7.1%	1.772	30.2%	1.603	44.0%
#6 Residual Oil	5.9	5.7	4.4%	6.8	-13.5%	12.0	-50.8%
US Natural Gas	2,944	2,877	2.3%	2,236	31.7%	2,278	29.2%
US Crude Oil	384.4	384.6	0.0%	365.6	5.2%	346.6	10.9%

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

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New York State Retail #2 Heating Oil Posted Credit Prices (cents per gallon)					
REGION	**6/11/2012**	**5/28/2012**	**% Change vs. Prior Survey**	**Year Ago**	**% Change vs. Last Year**
Long Island	388.7	402.8	-3.5%	409.4	-5.1%
New York City	396.9	418.7	-5.2%	413.9	-4.1%
Lower Hudson	376.9	395.8	-4.8%	397.5	-5.2%
Upper Hudson	365.1	382.6	-4.6%	383.9	-4.9%
Capital District	363.2	378.9	-4.1%	379.5	-4.3%
North Country	371.9	382.4	-2.7%	376.8	-1.3%
Central	361.8	374.8	-3.5%	373.0	-3.0%
Western	367.7	379.2	-3.0%	376.4	-2.3%
Statewide	**375.8**	**391.6**	**-4.0%**	**391.7**	**-4.1%**
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (cents per gallon)					
Long Island	322.8	322.8	0.0%	342.5	-5.8%
Mid-Hudson	286.2	297.0	-3.6%	312.9	-8.5%
Capital District	305.8	312.7	-2.2%	333.8	-8.4%
North Country	308.3	318.4	-3.2%	323.9	-4.8%
Central	258.0	266.1	-3.0%	282.5	-8.7%
Western	252.9	263.0	-3.8%	280.6	-9.9%
Statewide	**281.0**	**289.7**	**-3.0%**	**305.5**	**-8.0%**
New York State Retail Kerosene Posted Credit Prices (cents per gallon)					
Mid-Hudson	419.7	436.5	-3.8%	435.1	-3.5%
Capital District	403.2	416.0	-3.1%	419.9	-4.0%
North Country	400.9	410.7	-2.4%	399.5	0.4%
Central	399.8	408.7	-2.2%	416.8	-4.1%
Western	408.7	417.4	-2.1%	407.7	0.2%
Statewide	**408.5**	**420.8**	**-2.9%**	**419.0**	**-2.5%**
New York State Average Residential Natural Gas Prices ($/therm)					
REGION	**March 2012**	**February 2012**	**% Change vs. Prior Month**	**March 2011**	**% Change vs. Last Year**
Statewide	**1.254**	**1.152**	**8.8%**	**1.239**	**1.2%**

*** 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 325.4¢/gallon on 3/07/11, 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.

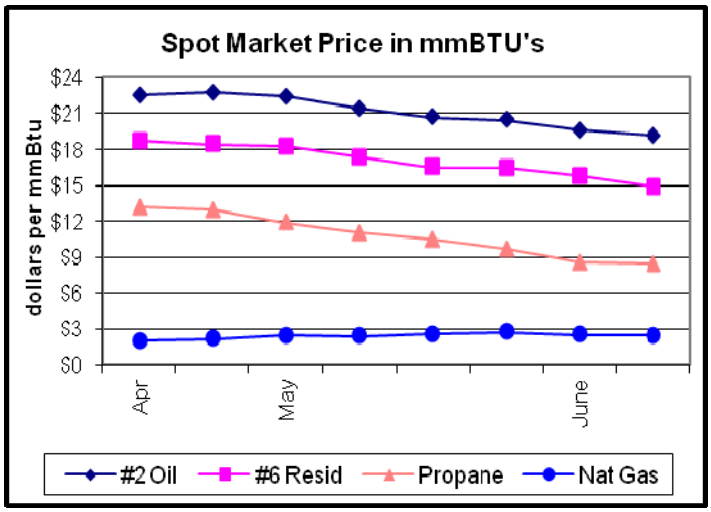
Residential Natural Gas Prices: Statewide average prices are derived from US EIA most currently available data. NYS gas utility specific prices can be found on the NYS DPS website at http://www.dps.ny.gov/TypicalBills.htm#GasRes.

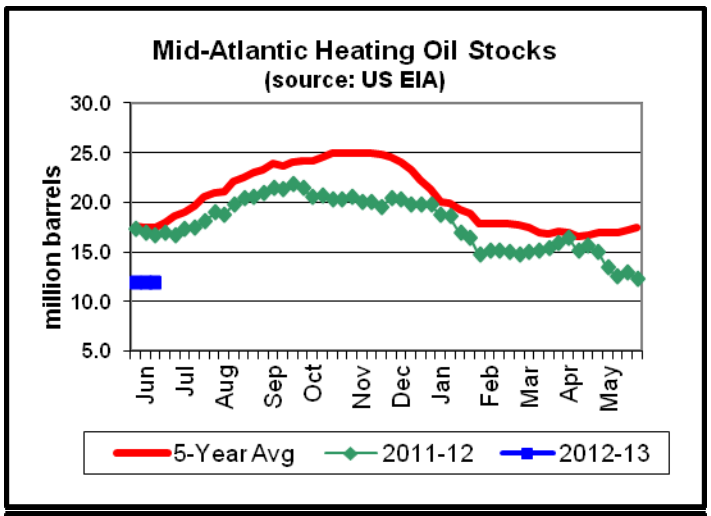
New York State Regions: ***Long Island:*** Nassau and Suffolk ***New York City:*** Bronx, Kings, New York, Queens, and Richmond ***Lower Hudson:*** Dutchess, Putnam, Rockland, and Westchester ***Upper Hudson:*** Columbia, Greene, Orange, Sullivan, and Ulster ***Capital District:*** Albany, Fulton Montgomery, 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.

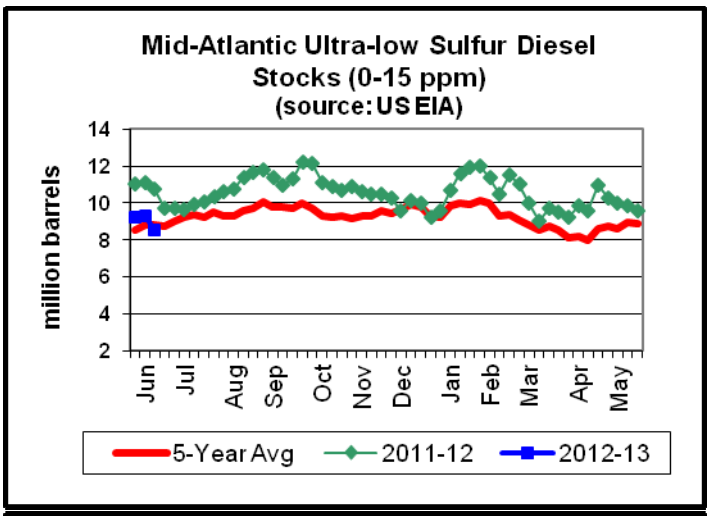
Btu Price Equivalents—The Btu graph equates the spot market price, in table below, for NY Harbor #2 heating oil and 1.0% sulfur low pour #6 residual fuel, Mont Belvieu propane, and the New York City gate natural gas price on a dollar per million Btu (mmBtu) basis.

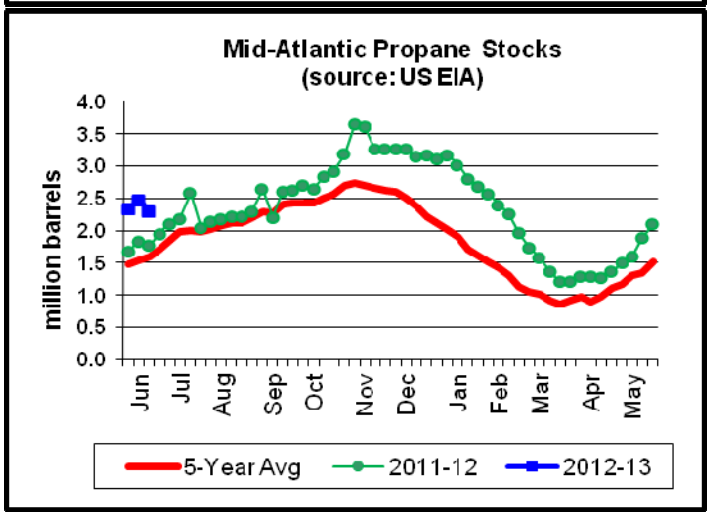
New York Spot Prices, Weekly Average			
Fuel	**6/8/2012**	**Year Ago**	**% Change**
Ultra LS Diesel	272.5	315.9	-13.8%
#2 Fuel Oil	265.4	307.3	-13.6%
#6 Residual 1.0%	223.2	255.3	-12.6%
Propane	77.4	153.9	-49.7%
Natural Gas	2.471	5.863	-57.9%

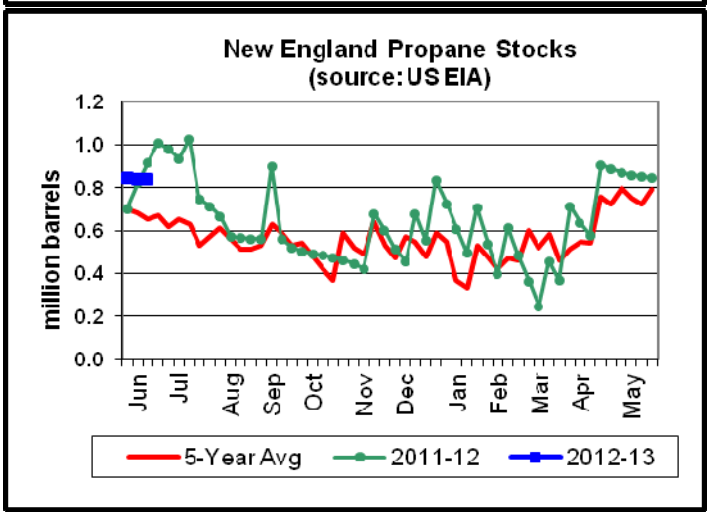
Note: Fuel in ¢/gallon, natural gas ($/mmBtu)=NYcitygate











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 cmw@nyserda.org.