

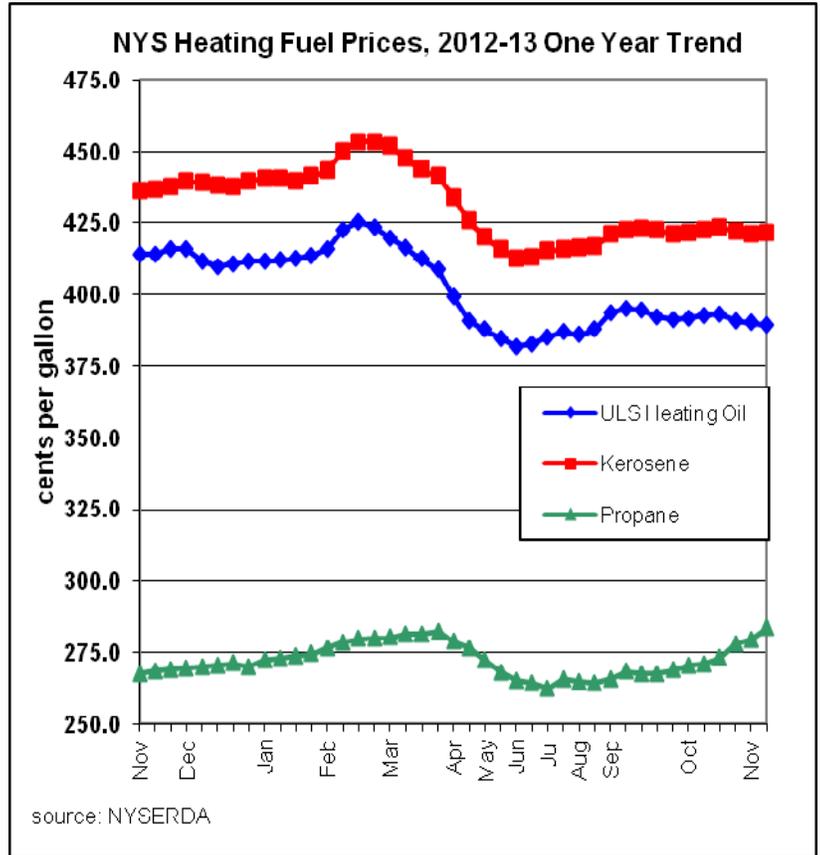
**Highlights**

- Mid-Atlantic ultra-low sulfur (ULS) distillate inventories, including diesel fuel and New York State heating oil, have declined for nine weeks in a row. Inventories have declined by 39.4% over that time period but remain 31.2% above the 5-year average.
- U.S. WTI crude oil prices have declined in eight of the past nine weeks by a total of \$14.46/bbl, or 13.3%.
- New York statewide average retail prices for ultra-low sulfur (ULS) heating oil declined while propane and kerosene prices increased since last week.

**Retail Petroleum Prices**—On a statewide basis since the last survey on November 4<sup>th</sup>, prices decreased 0.8¢/gallon (0.2%) to 389.3¢/gallon for ULS heating oil, and increased 0.8¢/gallon (0.2%) to 421.8¢/gallon for kerosene, and 4.2¢/gallon (1.5%) to 283.6¢/gallon for propane. Compared to a year earlier, prices decreased 24.6¢/gallon (5.9%) for heating oil, 14.5¢/gallon (3.3%) for kerosene and increased 15.8¢/gallon (5.9%) for propane.

**Crude Oil Prices**—For the week ending 11/8/13, WTI crude oil spot prices averaged \$94.56/bbl, a decrease of \$2.63/bbl (2.7%) from the week-ago average of \$96.94/bbl. WTI prices are now \$8.33/bbl (9.7%) above the year-ago weekly average of \$85.98/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/03/08.

**Spot Natural Gas Prices**—For the week ending 11/8/13, Henry Hub natural gas spot prices averaged \$3.468 per million Btu (mmBtu), a decrease of \$0.082/mmBtu (2.3%) from the prior week level of \$3.550 /mmBtu. Prices are currently \$0.68/mmBtu (2.0%) above the year-earlier weekly average of \$xx/mmBtu.



**Residential Natural Gas Prices**—The NYS average price in August 2013 was \$1.882/therm, an increase of \$0.051/therm (2.8%) from the prior month of \$1.831/therm, and was \$0.134/therm (7.7%) higher than the year earlier average of \$1.748/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	11/8/2013	11/1/2013	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
Highway Diesel (ULS) (0-15 ppm)	11.7	12.1	-9.5%	6.9	60.9%	9.3	31.2%
Non-road Diesel (15-500 ppm)	0.9	1.0	-34.2%	0.4	247.3%	2.6	-63.7%
Home Heating Oil ( >500 ppm)	5.8	5.8	-2.8%	12.1	-54.4%	22.2	-74.1%
Propane	3.113	3.312	-6.0%	2.660	17.0%	2.681	16.1%
#6 Residual Oil	5.3	5.6	13.4%	6.9	-16.8%	9.6	-42.9%
US Natural Gas	3,834	3,814	0.9%	3,914	-2.9%	3,776	1.5%
US Crude Oil	388.1	385.4	0.4%	375.9	2.8%	345.5	11.5%

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

<b>New York State Retail ULS #2 Heating Oil Posted Credit Prices (cents per gallon)</b>					
<b>REGION</b>	<b>11/11/2013</b>	<b>10/28/2013</b>	<b>% Change vs. Prior Survey</b>	<b>Year Ago</b>	<b>% Change vs. Last Year</b>
Long Island	399.9	404.0	-1.0%	427.1	-6.4%
New York City	402.4	405.3	-0.7%	430.4	-6.5%
Lower Hudson	396.0	396.8	-0.2%	422.8	-6.3%
Upper Hudson	381.3	383.2	-0.5%	409.1	-6.8%
Capital District	378.0	378.5	-0.1%	402.8	-6.2%
North Country	376.2	376.0	0.1%	392.6	-4.2%
Central	383.9	383.2	0.2%	404.9	-5.2%
Western	381.7	378.1	1.0%	392.2	-2.7%
<b>Statewide</b>	<b>389.3</b>	<b>390.1</b>	<b>-0.2%</b>	<b>413.9</b>	<b>-5.9%</b>
<b>New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (cents per gallon)</b>					
Long Island	344.5	344.5	0.0%	312.6	10.2%
Mid-Hudson	295.9	289.6	2.2%	277.7	6.6%
Capital District	315.2	314.3	0.3%	285.6	10.4%
North Country	311.5	301.8	3.2%	294.1	5.9%
Central	259.2	256.6	1.0%	245.6	5.5%
Western	237.6	234.3	1.4%	237.2	0.2%
<b>Statewide</b>	<b>283.6</b>	<b>279.4</b>	<b>1.5%</b>	<b>267.8</b>	<b>5.9%</b>
<b>New York State Retail Kerosene Posted Credit Prices (cents per gallon)</b>					
Mid-Hudson	433.3	435.0	-0.4%	450.0	-3.7%
Capital District	417.1	417.0	0.0%	435.6	-4.2%
North Country	407.8	406.9	0.2%	414.8	-1.7%
Central	419.5	416.7	0.7%	440.0	-4.7%
Western	419.4	414.9	1.1%	426.4	-1.6%
<b>Statewide</b>	<b>421.8</b>	<b>421.0</b>	<b>0.2%</b>	<b>436.3</b>	<b>-3.3%</b>
<b>New York State Average Residential Natural Gas Prices (\$/therm)</b>					
<b>REGION</b>	<b>August 2013</b>	<b>July 2013</b>	<b>% Change vs. Prior Month</b>	<b>August 2012</b>	<b>% Change vs. Last Year</b>
<b>Statewide</b>	<b>1.882</b>	<b>1.831</b>	<b>2.8%</b>	<b>1.748</b>	<b>7.7%</b>

\* Revision

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

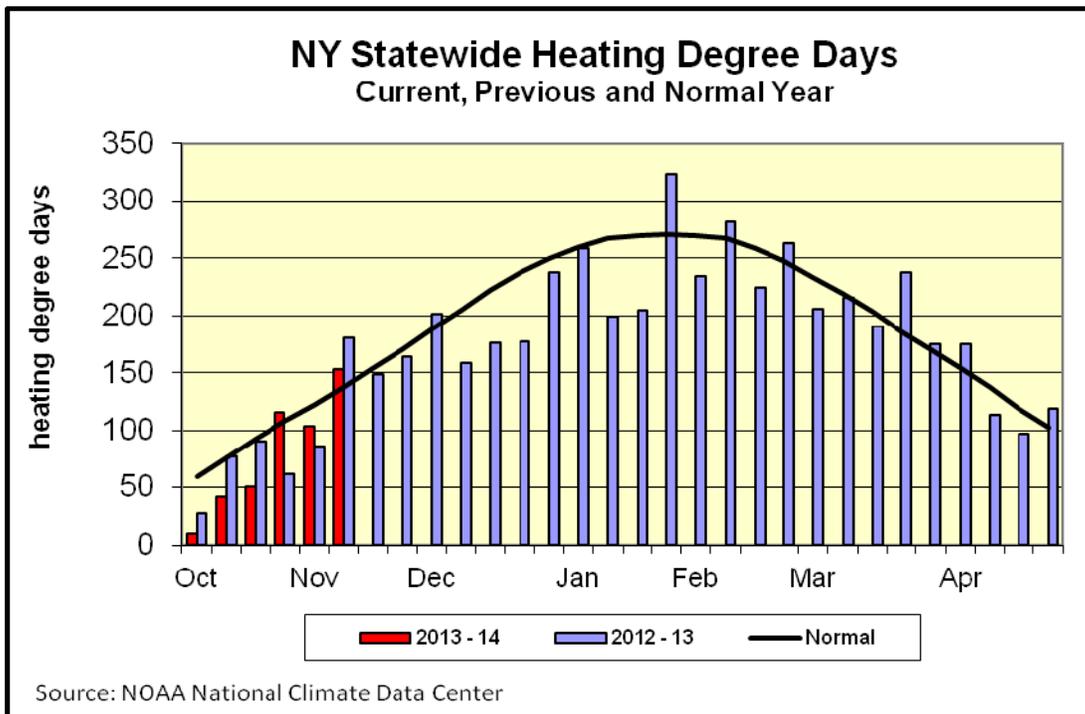
- Heating oil—highest price 477.8¢/gallon on 7/14/08, lowest price 87.6¢/gallon on 9/08/98.
- Propane—highest price 325.4¢/gallon on 3/07/11, lowest price 107.2¢/gallon on 9/20/99.
- Kerosene—highest price 506.8¢/gallon on 7/14/08, lowest price 130.9¢/gallon on 9/09/02.

**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.

**Heating Degree Days**—On a statewide basis during the past week, the number of heating degree days (153) was 15.0% below the year-ago level (180) and 11.7% above the normal trend (137). On a cumulative basis since October 1<sup>st</sup>, current year heating degree days (475) are behind the year-ago level (523) by 9.2% and trail the normal trend (594) by 20.0%.

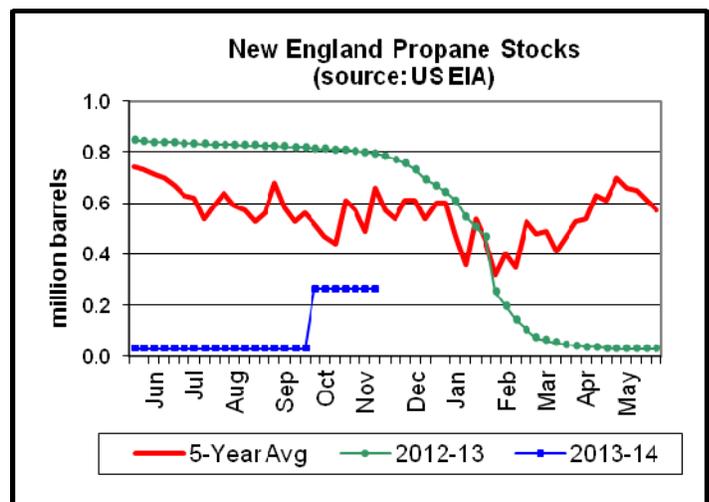
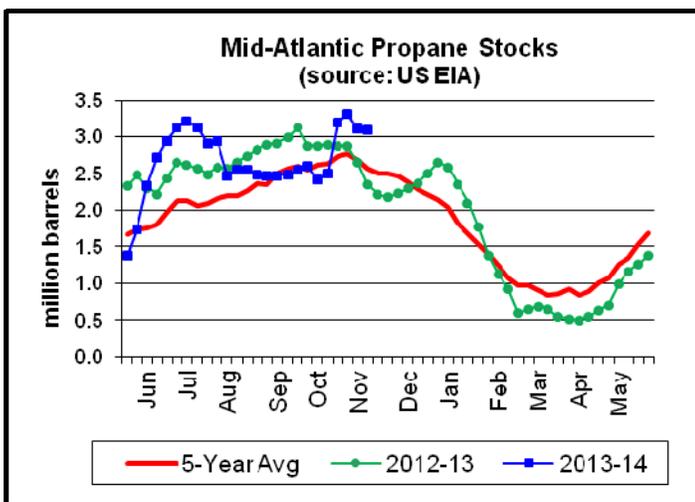
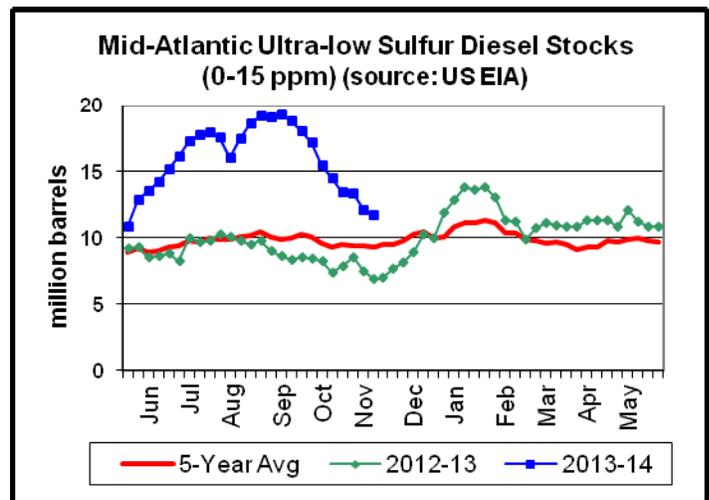
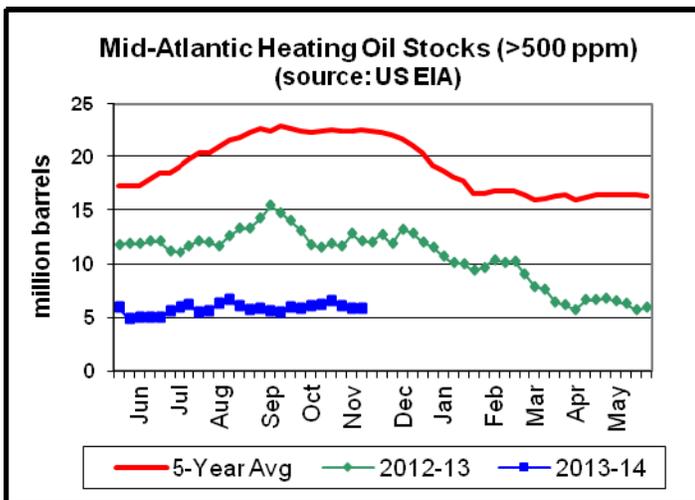
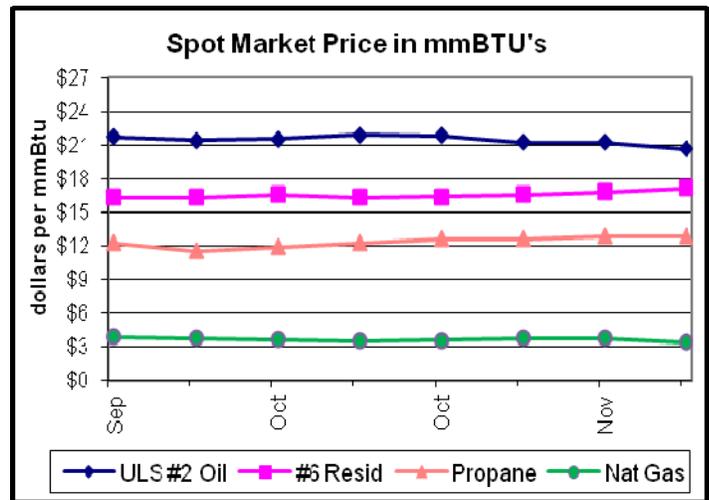
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending November 09			Cumulative From October 1		
	2013	2012	Normal	2013-14	2012-13	Normal
Albany	173	197	152	588	598	672
Binghamton	187	225	166	625	737	746
Buffalo	152	205	148	527	646	648
Glens Falls	207	203	171	737	679	790
Massena	196	225	179	727	716	813
NYC	121	151	100	296	345	383
Rochester	150	199	149	549	626	654
Syracuse	158	193	151	536	566	669
Watertown	180	217	168	633	646	773
<b>Statewide</b>	<b>153</b>	<b>180</b>	<b>137</b>	<b>475</b>	<b>523</b>	<b>594</b>



**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.

New York Spot Prices, Weekly Average			
Fuel	11/8/2013	Year Ago	% Change
Ultra LS Diesel	286.6	314.4	-8.8%
#2 Fuel Oil	285.2	298.8	-4.5%
#6 Residual 0.3%	256.9	249.6	2.9%
Propane	117.7	94.0	25.2%
Natural Gas	3.357	3.812	-11.9%

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.ny.gov](mailto:cmw@nyserda.ny.gov).