

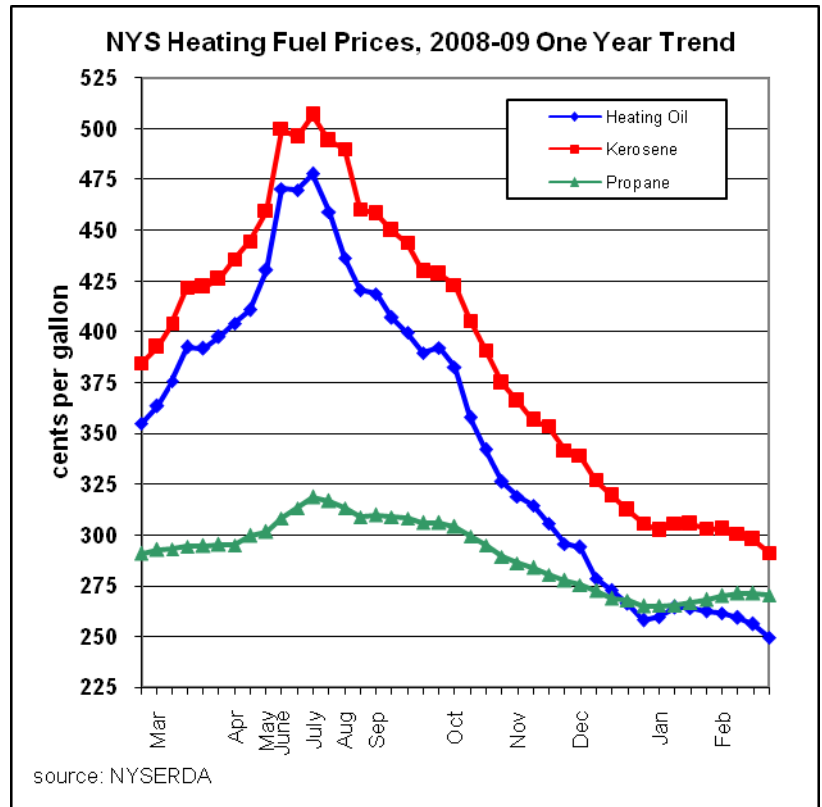
## NYSERDA HEATING FUELS REPORT February 23, 2009

**The Governor's Heat Smart NY Interagency Task Force** - Volatile energy costs may make this winter's heating bills higher than in recent years. To prepare for this reality, Governor David A. Paterson called for the formation of an interagency taskforce, designed to bring together the agencies that provide the programs and services that families struggling to afford their home heating bills rely upon. By coordinating efforts, the agencies that make up the Governor's Heat Smart NY Interagency Task Force hope to simplify the process of finding assistance and unite resources under one direction and theme, Heat Smart NY. [www.heatsmartny.org](http://www.heatsmartny.org)

**Retail Petroleum Prices** – On a statewide basis in the past week, prices decreased 6.6¢/gallon (2.6%) to 249.6¢/gallon for heating oil, 6.5¢/gallon (2.2%) to 291.3¢/gallon for kerosene, and 0.9¢/gallon (0.3%) to 270.3¢/gallon for propane. Compared to a year earlier, prices decreased 105.5¢/gallon (29.7%) for heating oil, 93.4¢/gallon (24.3%) for kerosene, and 20.6¢/gallon (7.1%) for propane.

**Crude Oil Prices** – For the week ending 2/20/09, WTI crude oil spot prices averaged \$37.24/bbl, a decrease of \$0.30/bbl (0.8%) from the week-ago average of \$36.94/bbl. WTI prices are now \$62.37/bbl (62.6%) below the year-ago weekly average of \$99.61/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

**Spot Natural Gas Prices** – For the week ending 2/20/09, Henry Hub natural gas spot prices averaged \$4.343 per million Btu (mmBtu), a decrease of \$0.375/mmBtu (8.0%) from the prior week level of \$4.718 /mmBtu. Prices are currently \$4.54/mmBtu (51.1%) below the year-earlier weekly average of \$8.883/mmBtu.



**Residential Natural Gas Prices** – NYS average prices in November 2008 were \$1.607/therm, a decrease of \$0.205/therm (11.3%) from the prior month of \$1.812/therm but \$0.090/therm (5.9%) more than the year earlier average of \$1.517/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	2/20/09	2/13/09	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
Highway Diesel (0-15 ppm)	8.8	8.7	1.1%	6.2	41.9%	N/A	N/A
Non-road Diesel (15-500 ppm)	2.9	2.4	20.8%	2.4	20.8%	6.1	-52.5%
Home Heating Oil (>500 ppm)	15.4	15.4	0.0%	15.8	-2.5%	17.5	-12.0%
Propane	0.748	0.768	-2.6%	1.221	-38.7%	1.11	-32.6%
#6 Residual Oil	9.3	10.1	-7.9%	11.5	-19.1%	10.7	-13.1%
US Natural Gas	1,895	1,996	-5.1%	1,662	14.0%	1,696	11.7%
US Crude Oil	351.3	350.6	0.2%	308.5	13.9%	307.8	14.1%

ppm = parts per million sulfur content

Notes: Natural Gas in billion cubic feet (Bcf), Middle Atlantic is DE, DC, MD, NJ, NY, and PA

Source: US DOE/EIA

<b>New York State Retail #2 Heating Oil Posted Credit Prices (cents per gallon)</b>					
<b>REGION</b>	<b>2/23/09</b>	<b>2/16/09</b>	<b>% Change vs. Prior Survey</b>	<b>Year Ago</b>	<b>% Change vs. Last Year</b>
Long Island	257.1	265.1	-3.0%	362.6	-29.1%
New York City	255.5	263.0	-2.9%	367.0	-30.4%
Lower Hudson	253.8	260.6	-2.6%	363.1	-30.1%
Upper Hudson	249.5	258.5	-3.5%	354.0	-29.5%
Capital District	249.9	259.7	-3.8%	340.7	-26.7%
North Country	246.8	251.7	-1.9%	352.8	-30.0%
Central	246.2	249.5	-1.3%	344.1	-28.5%
Western	229.2	230.1	-0.4%	346.5	-33.9%
<b>Statewide</b>	<b>249.6</b>	<b>256.2</b>	<b>-2.6%</b>	<b>355.1</b>	<b>-29.7%</b>
<b>New York State Retail Propane Posted Credit Prices (cents per gallon)</b>					
Long Island	294.8	293.8	0.3%	296.2	-0.5%
Mid-Hudson	272.0	273.2	-0.4%	287.9	-5.5%
Capital District	303.2	303.2	0.0%	322.5	-6.0%
North Country	261.4	262.4	-0.4%	319.0	-18.1%
Central	257.5	259.7	-0.8%	274.2	-6.1%
Western	264.6	264.6	0.0%	276.1	-4.2%
<b>Statewide</b>	<b>270.3</b>	<b>271.2</b>	<b>-0.3%</b>	<b>290.9</b>	<b>-7.1%</b>
<b>New York State Retail Kerosene Posted Credit Prices (cents per gallon)</b>					
Mid-Hudson	326.9	336.5	-2.9%	394.7	-17.2%
Capital District	301.1	313.1	-3.8%	378.9	-20.5%
North Country	289.1	293.6	-1.5%	388.6	-25.6%
Central	289.8	295.1	-1.8%	375.1	-22.7%
Western	271.2	272.0	-0.3%	377.7	-28.2%
<b>Statewide</b>	<b>291.3</b>	<b>297.8</b>	<b>-2.2%</b>	<b>384.7</b>	<b>-24.3%</b>
<b>New York State Average Residential Natural Gas Prices (\$/therm)</b>					
<b>REGION</b>	<b>November 2008</b>	<b>October 2008</b>	<b>% Change vs. Prior Month</b>	<b>Nov 2007</b>	<b>% Change vs. Last Year</b>
<b>Statewide</b>	<b>1.607</b>	<b>1.812</b>	<b>-11.3%</b>	<b>1.517</b>	<b>5.9%</b>

**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 318.5¢/gallon on 7/14/08, 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.state.ny.us/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.

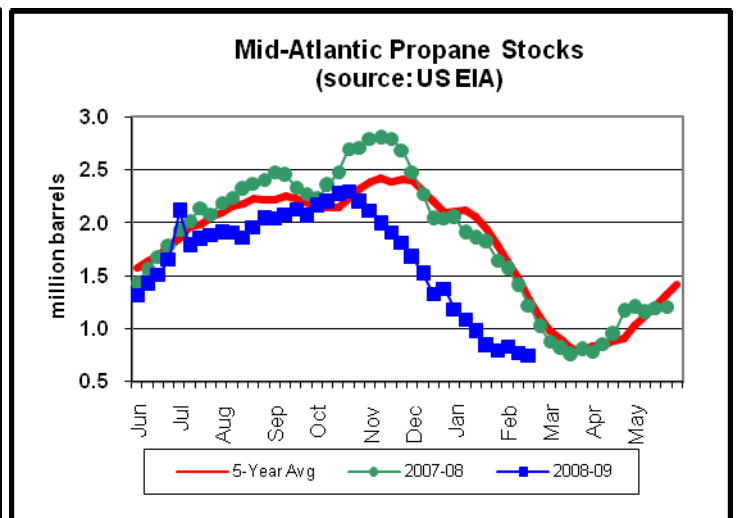
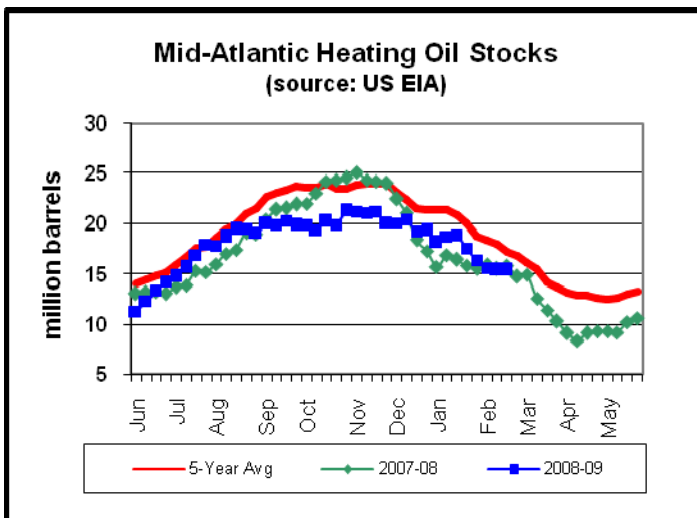
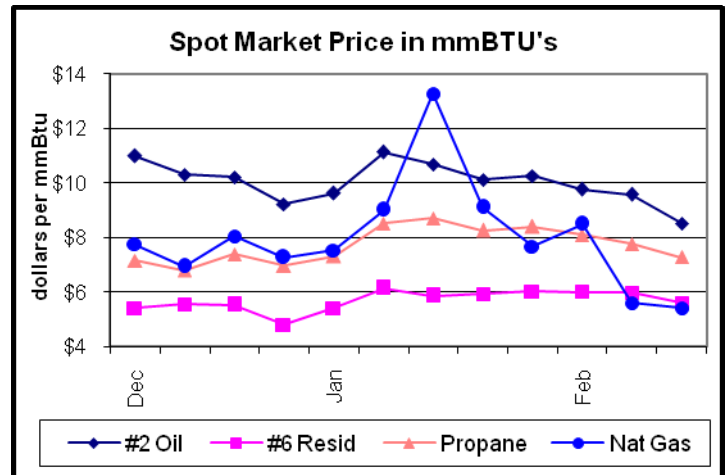
**Heating Degree Days** – On a statewide basis during the past week, the number of heating degree days (249) was 2.9% above the year-ago level of (242) but below the normal trend (259) by 0.8%. On a cumulative basis, current year heating degree days (4,132) surpassed the year-ago level (3,623) by 14.0% and the normal trend (4,090) by 1.0%.

New York State Heating Degree Day Information, Weekly & Cumulative						
	Week Ending February 21, 2009			Cumulative From October 1		
Region	2009	2008	Normal	2008-09	2007-08	Normal
Albany	263	266	263	4,658	4,177	4,391
Buffalo	275	283	276	4,553	3,991	4,379
Massena	303	323	329	5,435	5,072	5,405
NYC	209	197	213	3,306	2,837	3,289
Syracuse	283	270	281	4,714	4,092	4,509
<b>Statewide</b>	<b>249</b>	<b>242</b>	<b>251</b>	<b>4,132</b>	<b>3,623</b>	<b>4,090</b>

**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	2/20/09	Year Ago	% Change
Low-Sulfur Diesel	118.47	287.44	-58.8%
#2 Fuel Oil	118.10	274.18	-56.9%
#6 Residual 1.0%	83.93	171.85	-51.2%
Propane	62.67	145.58	-57.0%
Natural Gas	5.423	11.690	-53.6%

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](mailto:cmw@nyserda.org).