## NYSERDA Heating Fuels Report

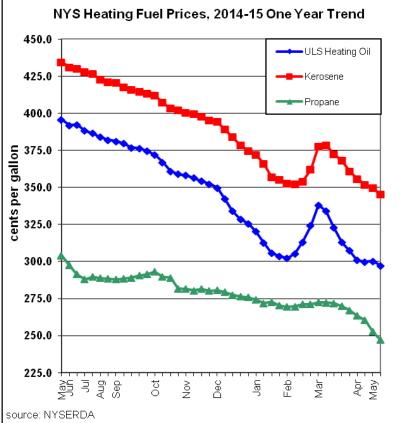
## **Highlights**

- Mid-Atlantic ultra-low sulfur diesel stocks increased for the eighth week in a row to 16.5 million barrels and are 34.2% above last year's level.
- Mid-Atlantic propane stocks increased for the ninth week in a row to 2.8 million barrels and are 69.5% above last year's level.
- New York statewide average retail prices for ultra-low sulfur (ULS) heating oil, kerosene, and propane all decreased since the last survey.

**Retail Petroleum Prices**—On a statewide basis since the last survey on May 11<sup>th</sup>, prices decreased  $2.9 \notin$ /gallon (1.0%) to  $297.4 \notin$ /gallon for ULS heating oil,  $4.2 \notin$ /gallon (1.2%) to  $345.3 \notin$ /gallon for kerosene, and  $5.6 \notin$ /gallon (2.2%) to  $247.1 \notin$ /gallon for propane. Compared to a year earlier, prices decreased  $98.5 \notin$ /gallon (24.9%) for heating oil,  $89.4 \notin$ /gallon (20.6%) for kerosene and  $57.0 \notin$ /gallon (18.7%) for propane.

**Crude Oil Prices**—For the week ending 5/22/15, WTI crude oil spot prices averaged \$58.95/bbl, a decrease of \$1.06/bbl (1.8%) from the week-ago average of \$60.01/bbl. WTI prices are now \$44.87/bbl (43.2%) below the year-ago weekly average of \$103.82/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

**Spot Natural Gas Prices**—For the week ending 5/22/15, Henry Hub natural gas spot prices averaged \$2.972 per million Btu (mmBtu), an increase of \$0.112/mmBtu (3.9%) from the prior week level of \$2.860/mmBtu. Prices are currently \$1.524/mmBtu (33.9%) below the year-earlier weekly average of \$4.496/mmBtu.



**Residential Natural Gas Prices**—The NYS average price in February 2015 was \$0.955/therm, a decrease of \$0.070/therm (6.9%) from the prior month of \$1.025/therm, and was \$0.165/therm (14.7%) lower than the year earlier average of \$1.120/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	5/22/2015	5/15/2015	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5- Year Avg	
ULS Distillate (0-15 ppm)	16.5	16.2	2.2%	12.3	34.2%	10.6	56.2%	
Non-road Diesel (15-500 ppm)	0.8	0.8	1.6%	0.6	34.4%	1.5	-44.8%	
High Sulfur Distillate ( >500 ppm)	3.2	3.1	3.1%	4.7	-32.2%	13.1	-75.5%	
Total Distillate Oil	20.5	20.1	2.3%	17.6	16.4%	25.1	-18.3%	
Propane	2.790	2.413	15.6%	1.646	69.5%	1.678	66.2%	
#6 Residual Oil	6.1	6.0	1.1%	6.1	-1.5%	8.2	-26.5%	
US Natural Gas	2,101	1,989	5.6%	1,364	54.0%	2,119	-0.8%	
US Crude Oil	479.4	482.2	-0.6%	393.0	22.0%	382.5	25.3%	

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	5/25/2015	5/11/2015	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	309.3	311.9	-0.8%	409.4	-24.5%
New York City	316.4	316.5	0.0%	403.3	-21.5%
Lower Hudson	303.2	303.8	-0.2%	403.3	-24.8%
Upper Hudson	286.7	292.6	-2.0%	386.7	-25.9%
Capital District	286.1	291.6	-1.9%	382.8	-25.3%
North Country	283.9	288.2	-1.5%	386.0	-26.5%
Central	284.0	285.2	-0.4%	388.3	-26.9%
Western	292.4	297.3	-1.6%	394.8	-25.9%
Statewide	297.4	300.3	-1.0%	395.9	-24.9%
Ne	w York State Retail Propan	e Posted Credit Prices	- 1,100 gallon usage catego	ry (cents per gallon)	·
Long Island	305.8	307.0	-0.4%	357.1	-14.4%
Mid-Hudson	256.2	259.0	-1.1%	318.7	-19.6%
Capital District	255.2	265.4	-3.8%	355.6	-28.2%
North Country	266.1	274.3	-3.0%	304.7	-12.7%
Central	228.9	232.8	-1.7%	280.7	-18.5%
Western	218.6	226.2	-3.4%	264.6	-17.4%
Statewide	247.1	252.7	-2.2%	304.1	-18.7%
	New York State	Retail Kerosene Poste	d Credit Prices (cents per g	allon)	
Mid-Hudson	358.6	362.5	-1.1%	451.6	-20.6%
Capital District	340.8	348.3	-2.2%	428.3	-20.4%
North Country	334.6	340.0	-1.6%	417.5	-19.9%
Central	344.3	344.1	0.1%	429.6	-19.9%
Western	331.6	337.1	-1.6%	428.8	-22.7%
Statewide	345.3	349.5	-1.2%	434.7	-20.6%
	New York Sta	ate Average Residentia	l Natural Gas Prices (\$/the	rm)	-
REGION	February 2015	January 2015	% Change vs. Prior Month	February 2014	% Change vs. Last Year
Statewide	0.955	1.025	-6.9%	1.120	-14.7%

\* 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.

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				Spot Market Price in mmBTU's		
Fuel	5/22/2015	Year Ago	% Change	\$18 <b>2</b> \$15		
Ultra LS Diesel	196.4	295.1	-33.4%	<b>E</b> \$12		
#2 Fuel Oil	183.3	287.7	-36.3%	H = 12 H =		
#6 Residual 0.3%	140.1	246.5	-43.2%			
Propane	44.6	103.8	-57.0%	\$3		
Natural Gas	2.670	3.115	-14.3%	A A A A A A A A A A A A A A A A A A A		
Note: Fuel in ¢/gallo	on, natural gas (\$/n	nmBtu)=NYcityga	ULS #2 Oil —=— #6 Resid —_ Propane —=— Nat Gas			
Mid-Atlantic Total Distillate Stocks (source: US EIA)				Mid-Atlantic Ultra-low Sulfur Diesel Stocks (0-15 ppm) (source: US EIA)		
$\mathbf{Mid-Atlantic Propane Stocks}_{(source: US EIA)}$			Feb Mar Apr May	New England Propane Stocks (source: US EIA)		

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.