

# Reduction in Northeast Refining Activity: Update on EIA Efforts



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*Energy Information Administration*

*NASEO Energy Data & Security Committee Meeting*

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# Key Events

Sept.  
2011

- Sunoco announces plans to idle Marcus Hook and Philadelphia refineries by mid-2012
- ConocoPhillips idles Trainer refinery

Dec.  
2011

- Sunoco immediately idles Marcus Hook refinery

June  
2012

- Sunoco to idle Philadelphia refinery

July  
2012

- New York to require Ultra-Low Sulfur Diesel (ULSD) for heating oil use

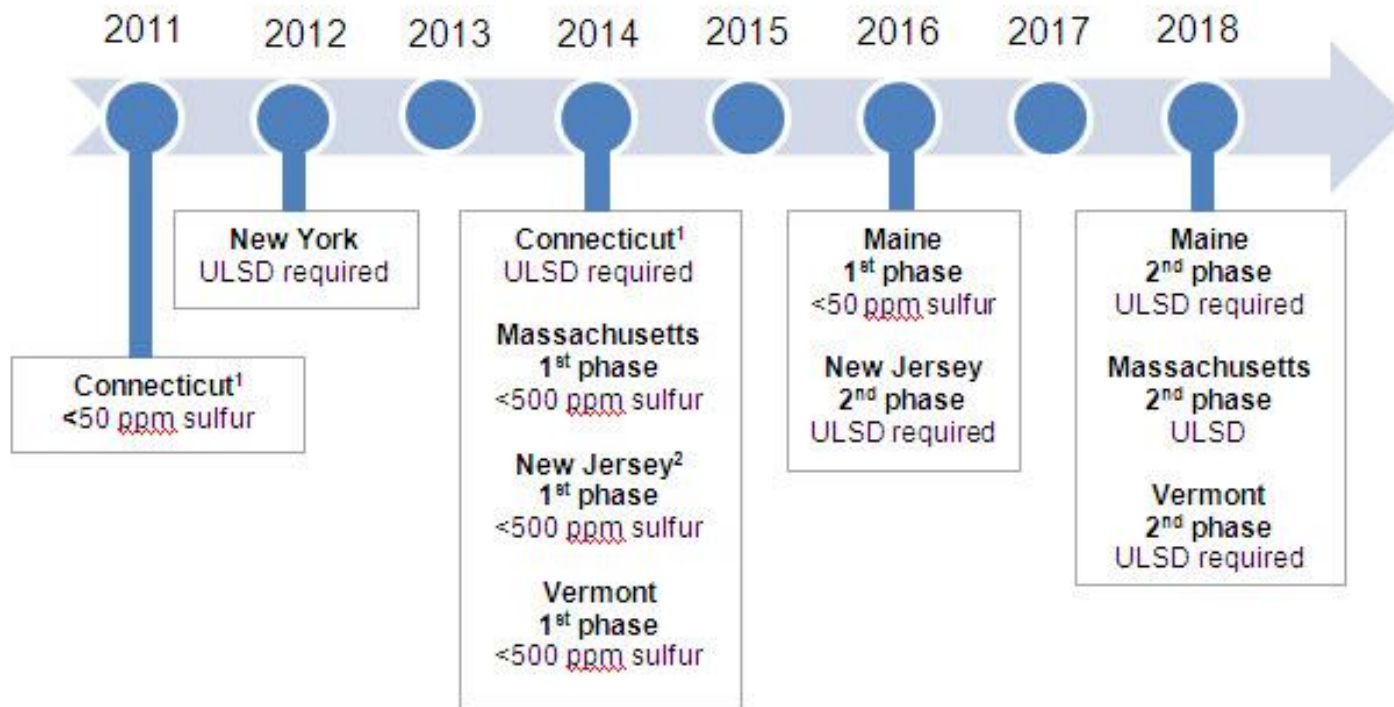
# Three Philadelphia Refineries in Context

- In 2010 produced:
  - 315,000 bbl/d gasoline
  - 194,000 bbl/d distillate (143,000 bbl/d ULSD)
  - 41,000 bbl/d jet fuel
- Partially compensated by return to full operations of PDF Delaware City refinery
- Located at origin of product pipelines moving west to Pittsburgh and north to Syracuse/Rochester

# Northeast Heating Oil Market

- Fewer Northeast household use heating oil
  - 5.6 million estimated for winter 2011/12
  - Residential/commercial distillate heating oil consumption fell under 300,000 bbl/d in 2009
  - New York consumed 76,000 bbl/d or 26%
- New York will become first state to require that all oil used for space heating meet ULSD standards ( $\leq 15$  ppm sulfur)

# Heating Oil Sulfur Requirements in Northeast States



**Notes:**

Connecticut, New York, and New Jersey regulations take effect in July of the year shown while in Maine regulations take effect in January. The Massachusetts Department of Environmental Protection issued a commitment in their State Implementation Plan.

<sup>1</sup> Connecticut has passed legislation that requires New York, Massachusetts, and Rhode Island to have similar restrictions in place to trigger compliance, and as a result, no sulfur restrictions are yet enforced on heating oil.

<sup>2</sup> The New Jersey Department of Environmental Protection is proposing to extend for one year the deadline for meeting 500 ppm sulfur limits. Adoption of this proposal would make limits effective July 2015. Under this proposal the 2016 deadline requiring ULSD would remain intact.