Choosing our Energy Future

Conservation Law Foundation Testimony

The Joint Committee on Telecommunications, Utilities, and Energy

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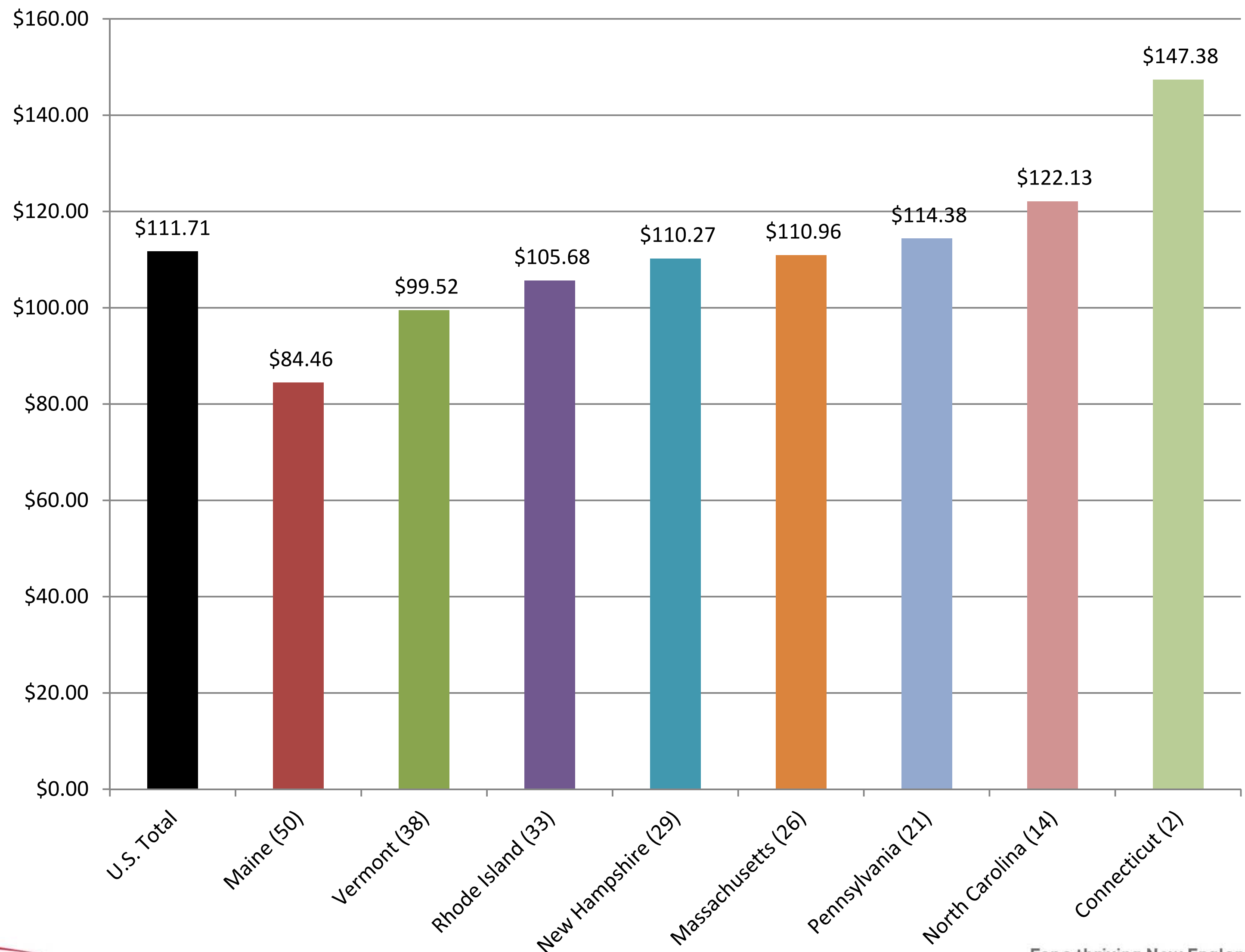
A Winter Energy Crisis?

Average Residential Customer Monthly Electric Bill in 2014, by State*

(and rank of bill amount among 50 U.S. states and D.C.)

Source: Energy Information Administration

*2014 retail electric prices and 2013 average electric consumption (most recent data)



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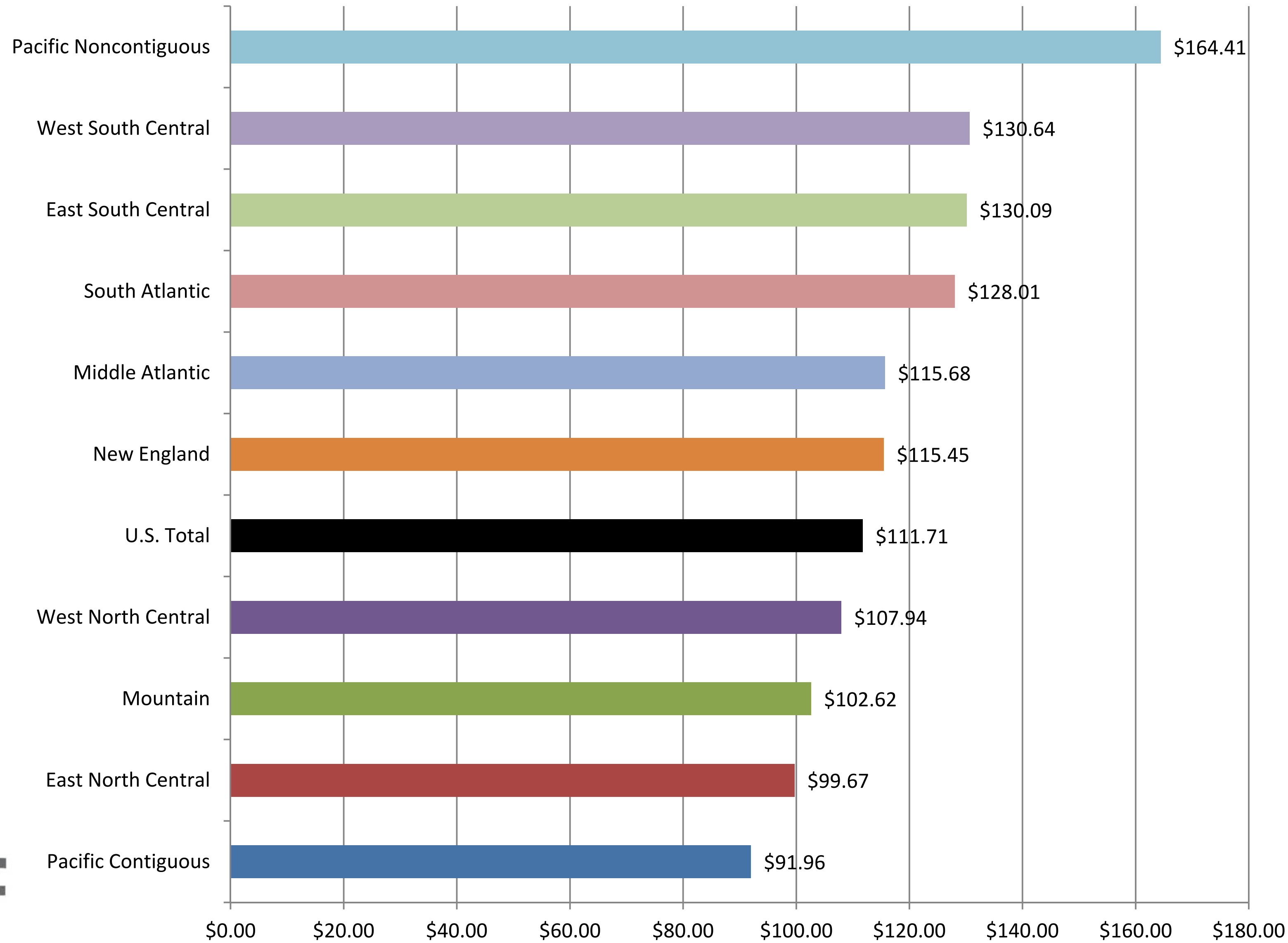
Average Residential Customer Electric Bill in 2014, by Region*

Source: Energy Information Administration

*2014 retail electric prices and 2013 average electric consumption (most recent data)



ISO-NE Wholesale Real-Time Prices (LMPs, Internal Hub)
Monthly Average

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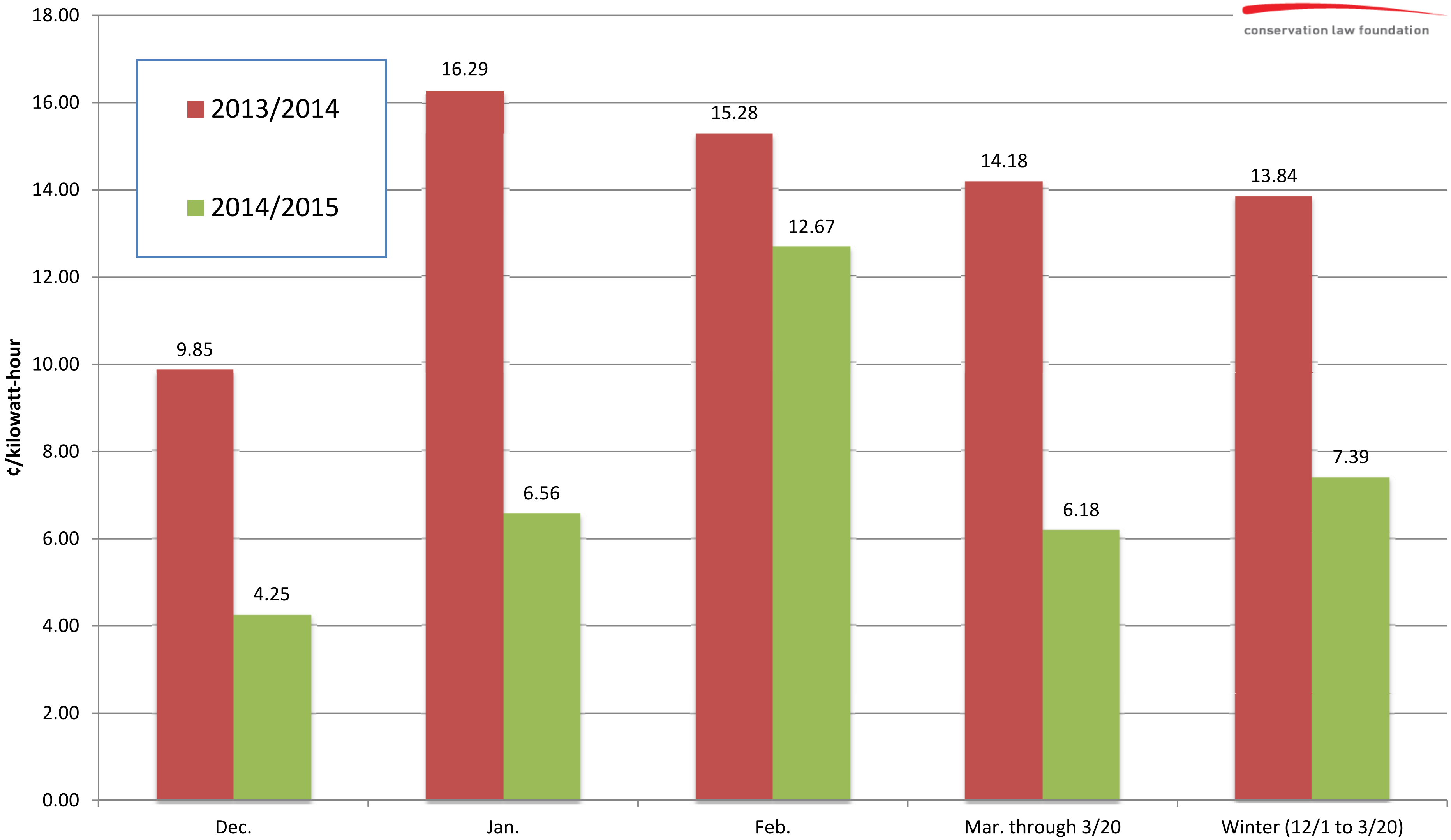

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The Path Forward

1.

Strategic public investment in the resource with the best rate of return for ratepayers:

Energy Efficiency

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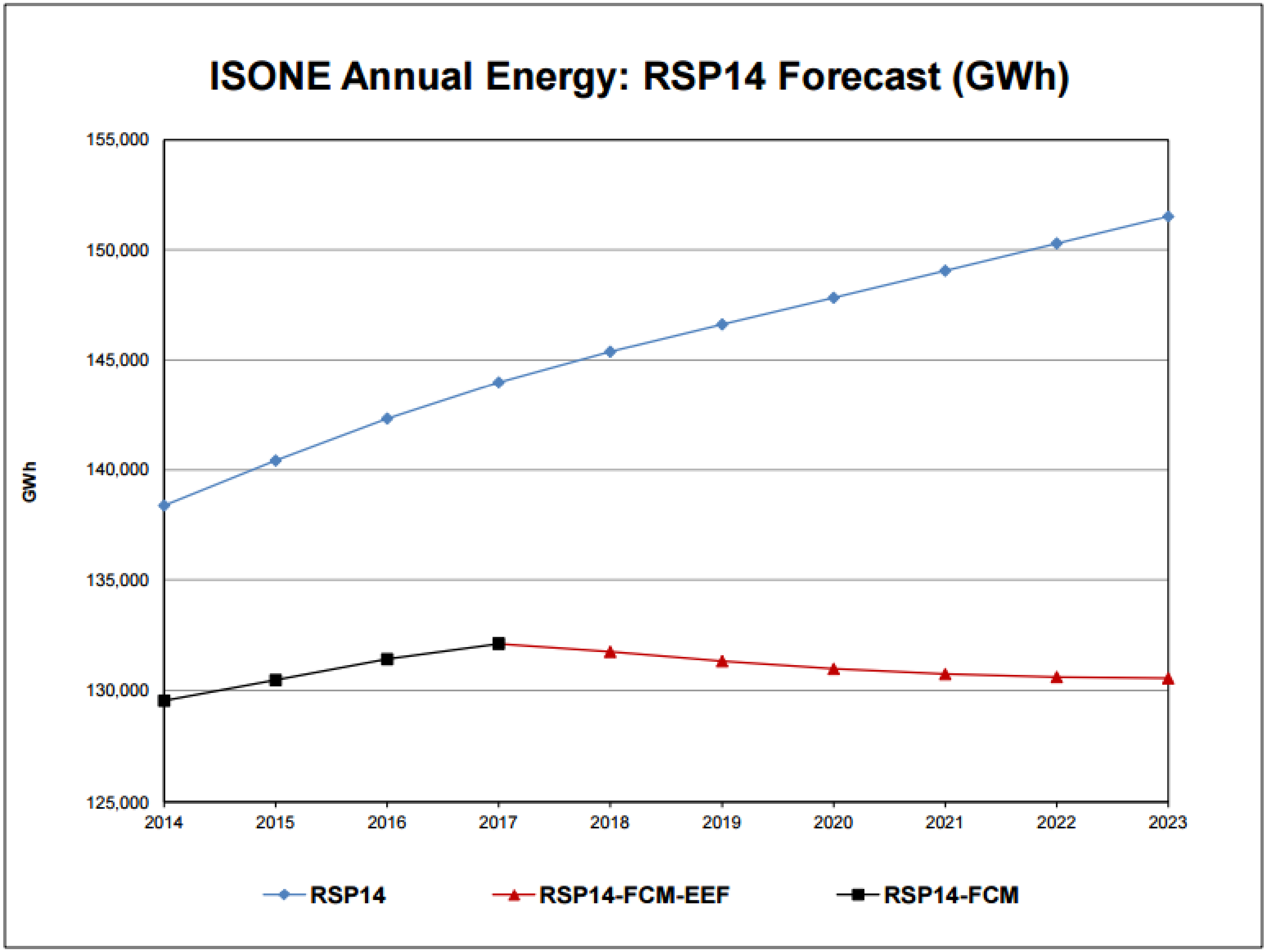
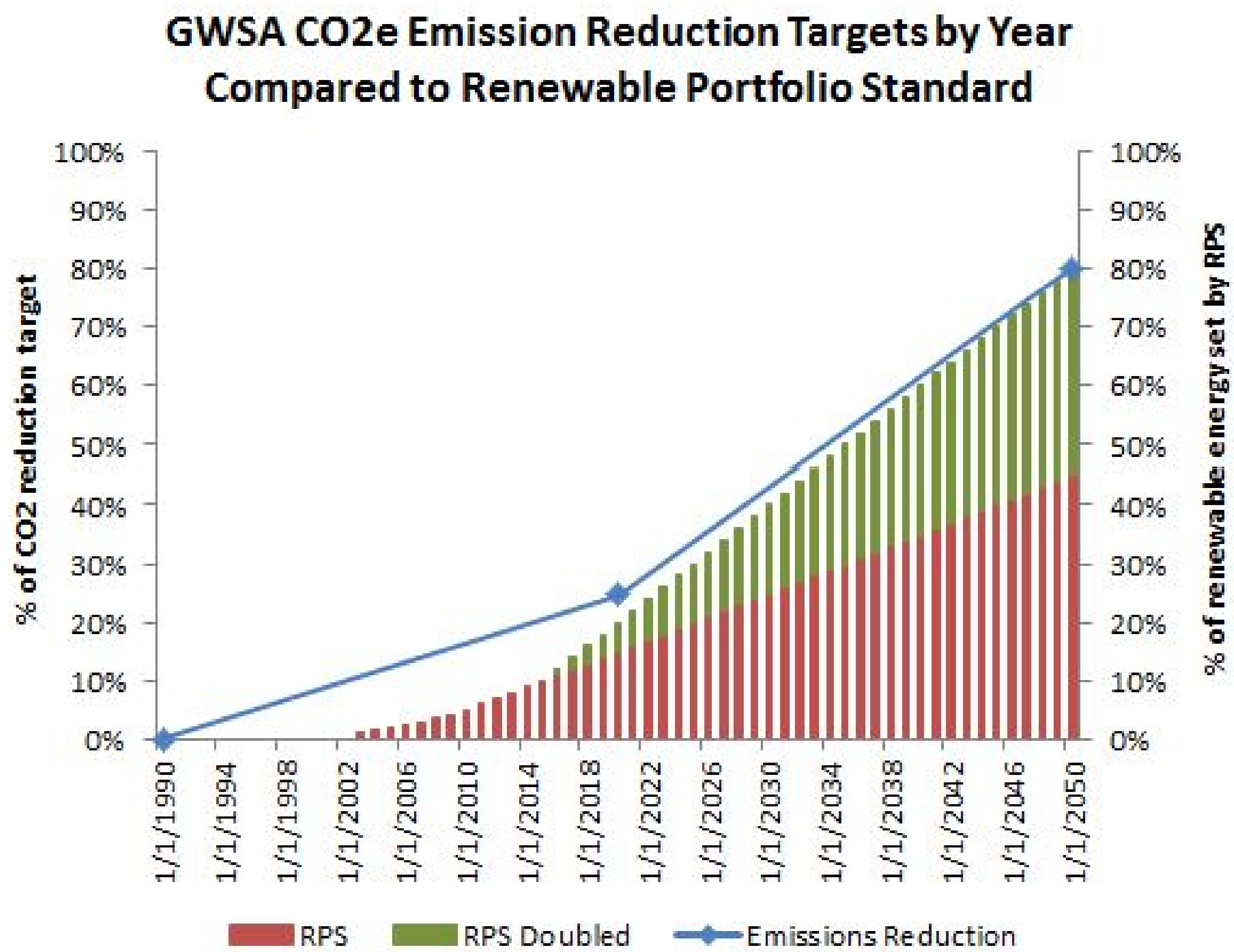


Source: ISO-NE 2014 Energy Efficiency Forecast

2.

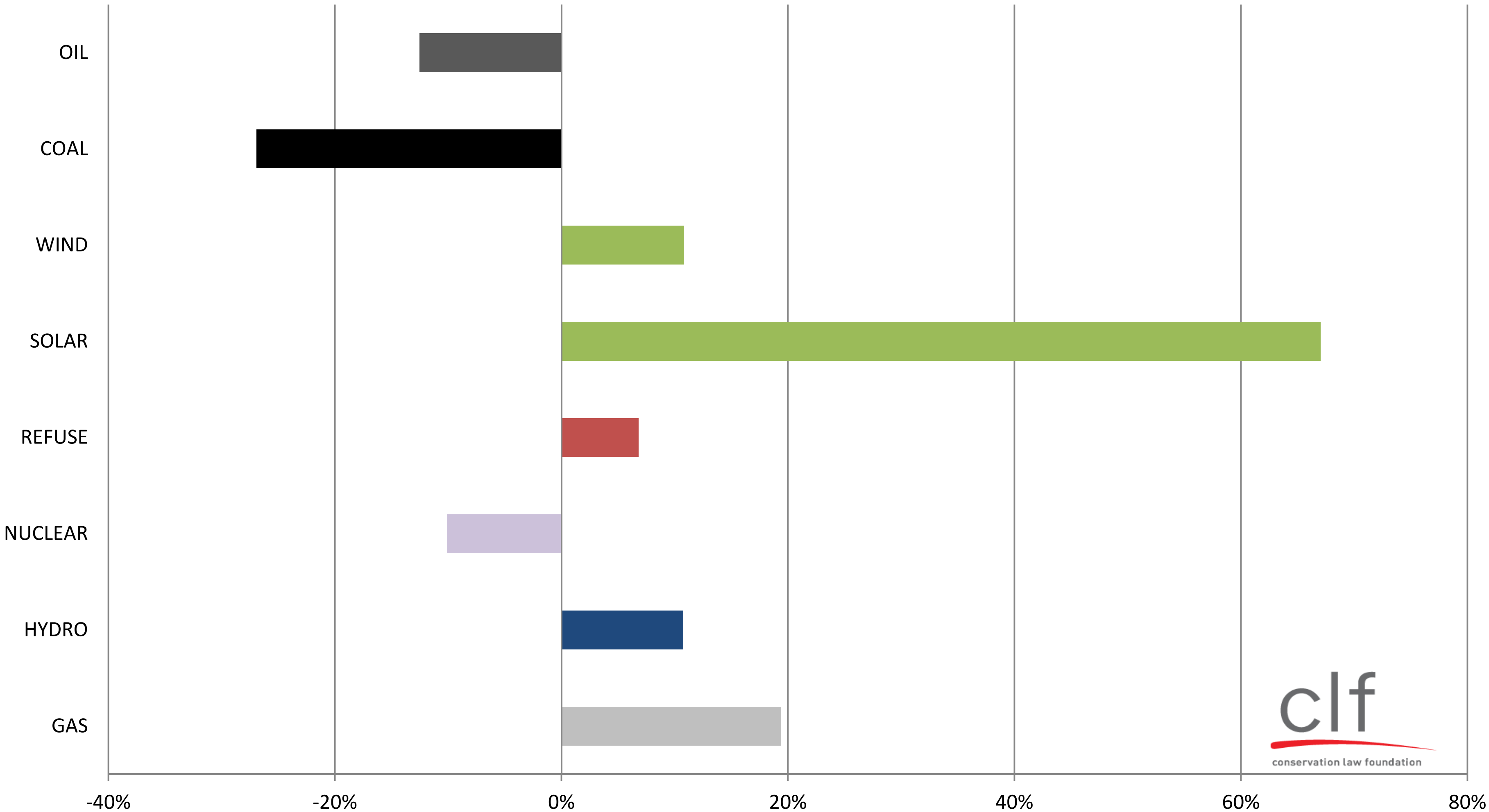
Strategic public investment in electric generation not tied to fossil fuel prices:

Renewables



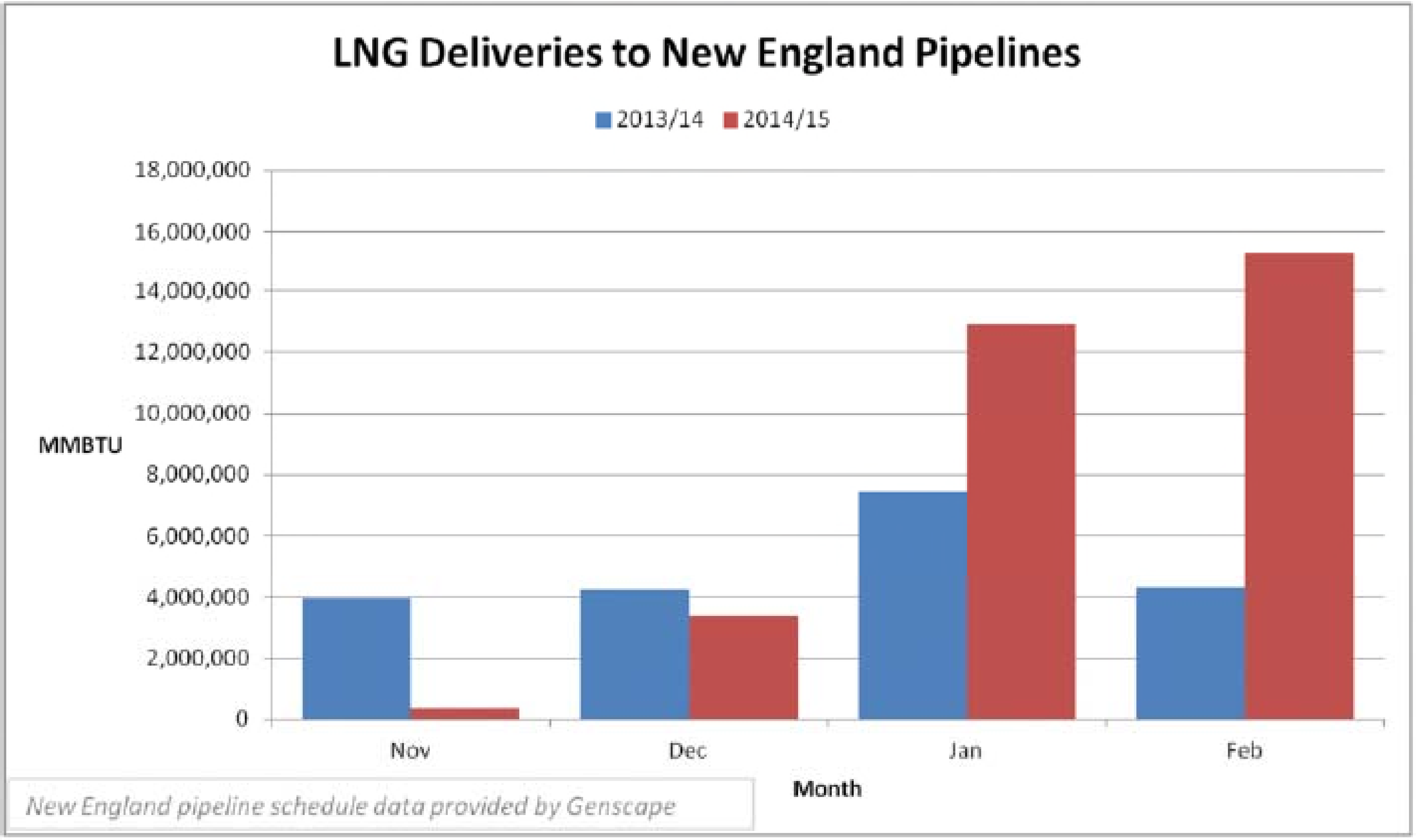
Source: Mass Energy Consumers Alliance

Percentage Change in Share of ISO-NE Fuel Mix
Winter 2015 vs. Winter 2014
December 1 - March 15, ISO-NE Generation by Fuel Type



3.

Encourage the electric and gas markets to utilize **the infrastructure we have now** to meet peak gas demand



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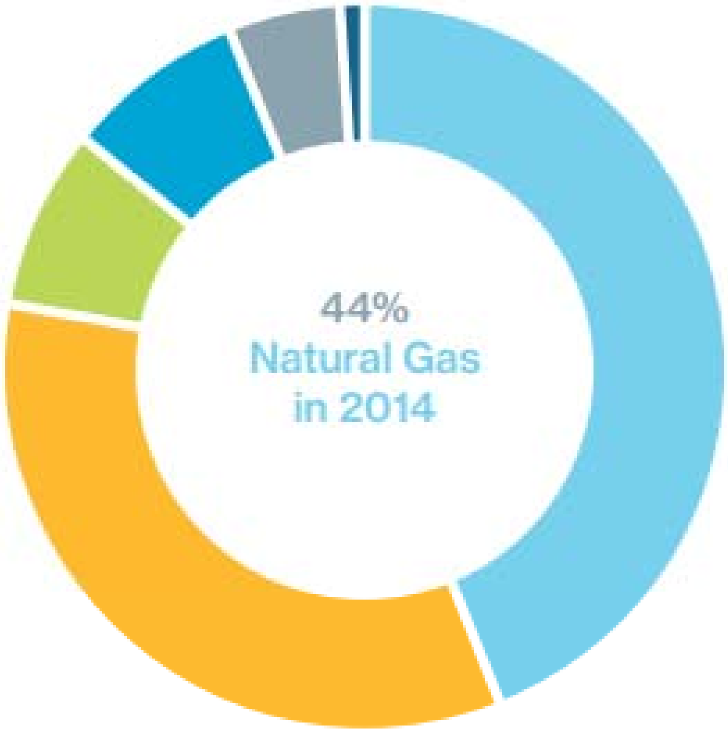
Source: ISO-NE COO Report, April 10

Dramatic changes in the energy mix

The fuels used to produce New England's electric energy have shifted as a result of economic, technological, and public-policy factors.



	NET ENERGY 2000	NET ENERGY 2014
Natural Gas	**15%**	**44%**
Nuclear	31%	34%
Renewables	8%	9%
Hydro	7%	8%
Coal	**18%**	**5%**
Oil	**22%**	**1%**

Source: ISO-NE Regional Energy Outlook 2015

4.

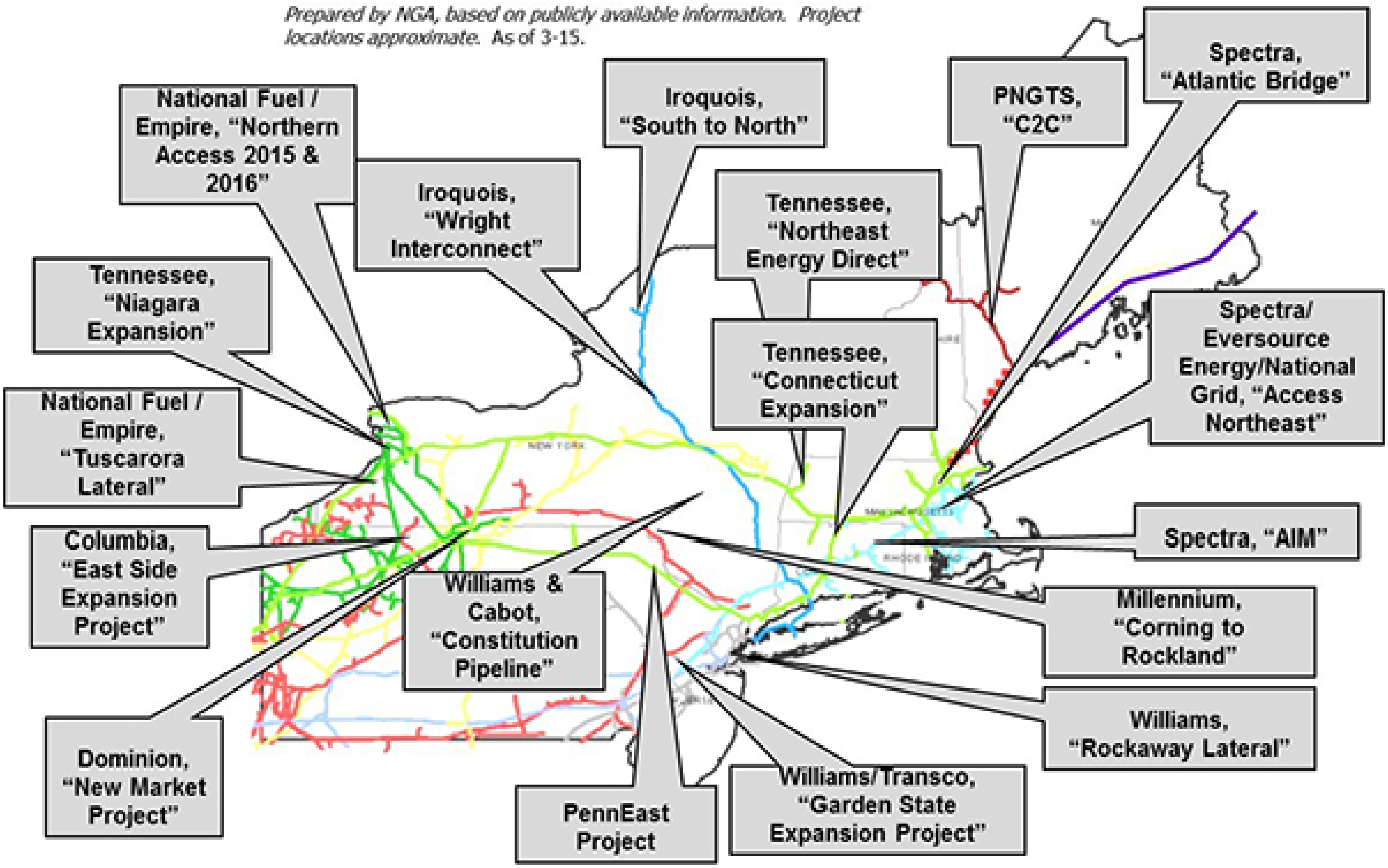
Need for new gas infrastructure not yet demonstrated, but if it occurs, we should begin with

small projects first

5.

While *need* is not in evidence, if new pipeline capacity is constructed, do **incremental expansion first** and **keep the ratepayers from being stuck with the bill**

Proposed Pipeline Projects



Source: Natural Gas Association

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