EIA’s New England Dashboard

For
NARUC Natural Gas Staff Subcommittee
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New England Dashboard (NED)

- Interactive dashboard for New England energy impacts and status
- Coverage: electricity, natural gas, petroleum
- Provides key market and operational information
- Harnesses timely data from EIA and third-parties
The New England Dashboard is a tool to assess energy market conditions

- Weather has a pronounced influence on the energy system
- The historically diverse fuel mix is changing
- The region is prone to price spikes, especially in the winter
- New England is highly dependent upon delivery infrastructure to bring in energy from adjacent regions
- Liquefied natural gas and fuel oil remain key sources of fuel for power generation
Electricity: includes real-time and hourly generation, imports, and price
Natural Gas: demand, supply, pipeline utilization, and price

New England natural gas infrastructure map

- Sta 245 to Sta 249
  - Flow: 1,054 MMcf/d
  - Change: +16 MMcf/d
  - Utilization: 96.0%
- Waddington
  - Flow: 722 MMcf/d
  - Change: +316 MMcf/d
  - Utilization: 64.7%
- East Hereford/Pittsburg
  - Flow: 310 MMcf/d
  - Change: +15 MMcf/d
  - Utilization: 106.5%
- Baileyville
  - Flow: -241 MMcf/d
  - Change: -56 MMcf/d
  - Utilization: 34.4%

Sta 315 to MLV 316
- Flow: 1,817 MMcf/d
- Change: +24 MMcf/d
- Utilization: 91.8%

Southeast Compressor
- Flow: 1,704 MMcf/d
- Change: -39 MMcf/d
- Utilization: 93.6%

MLV 256 to MLV 260
- Flow: 1,071 MMcf/d
- Change: +17 MMcf/d
- Utilization: 85.5%

Trading point:
- Flow point
- LPG terminal
- Natural gas pipeline

Electricity demand and supply in New England
- 3.68 Bcf/d
- Demand
- 2019

0.30 Bcf/d
- Demand change
- 2019

68.10%
- Regional pipeline utilization
- 2019

2.85$/MMBtu
- Spot natural gas price
  - (Algonquin City Gate)
- 2019

7 Weeks
Daily natural gas consumption by sector in New England
- Billion cubic feet per day (Bcf/d)

7 Weeks
Daily deliveries of liquefied natural gas in New England
- Billion cubic feet per day (Bcf/d)
Petroleum: regional stocks, prices, and infrastructure

Weekly average price of residential heating oil in New England (PADD 1A)
dollars per gallon (1gal)

Weekly distillate oil stocks in New England (PADD 1A) million barrels (MMB)

Weekly distillate oil stocks in the Central Atlantic (PADD 1B) million barrels (MMB)

Weekly average price of residential propane in New England (PADD 1A)
dollars per gallon (1gal)

New England petroleum infrastructure (PADD 1A) map

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The New England Dashboard can help answer key questions about New England’s daily energy picture

• How constrained is the natural gas pipeline network?

• What is the current and near-term operational environment? Any notable outages?

• What is the current fuel mix to generate electricity?

• Why are New England’s energy prices so volatile?

• How are temperatures affecting energy load, fuel mix, delivery, and stocks?

• What are the most current, relevant estimates of New England and nearby petroleum product inventories? Fuel oil stocks for on-site power generation?

• How much liquefied natural gas is being delivered?
For more information and to provide feedback

New England Dashboard | https://www.eia.gov/dashboard/newengland/overview

Please send feedback or suggestions to newenglanddashboard@eia.gov

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Visit the EIA booth at the NARUC Winter Policy Summit, as well as additional products at:

U.S. States Portal | [https://www.eia.gov/state/](https://www.eia.gov/state/)


Natural Gas Storage Dashboard | [https://www.eia.gov/naturalgas/storage/dashboard/](https://www.eia.gov/naturalgas/storage/dashboard/)

A complete set of links to recently introduced EIA tools can also be found at [https://www.eia.gov/tools/](https://www.eia.gov/tools/)