
EIA's New England Dashboard



For

NARUC Natural Gas Staff Subcommittee

February 10, 2019 | Washington, DC

By

Barbara Mariner-Volpe, EIA

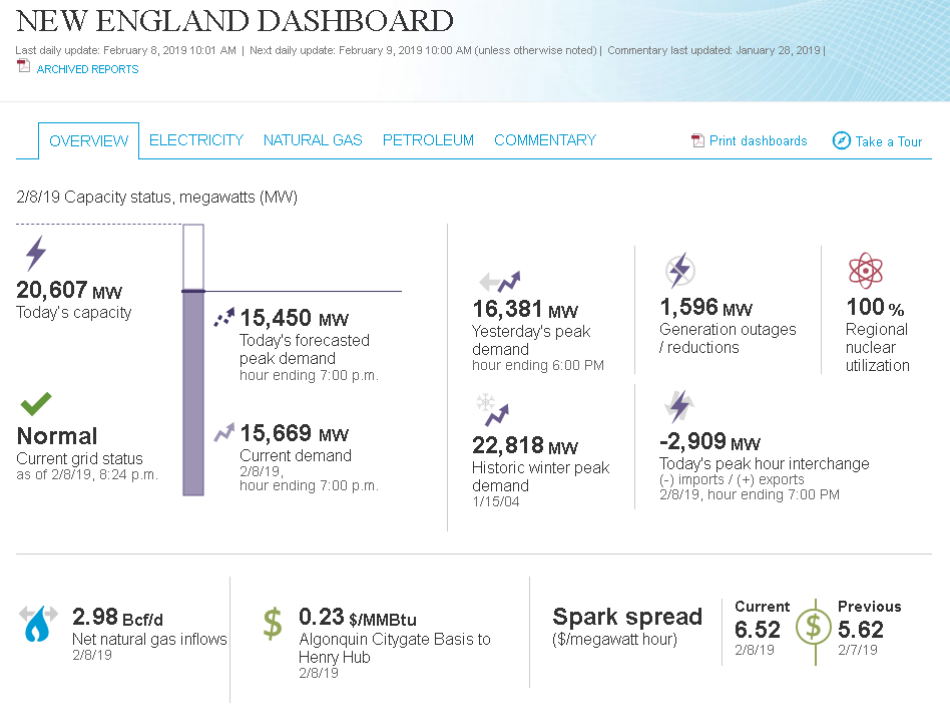


U.S. Energy Information Administration

Independent Statistics & Analysis | www.eia.gov

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

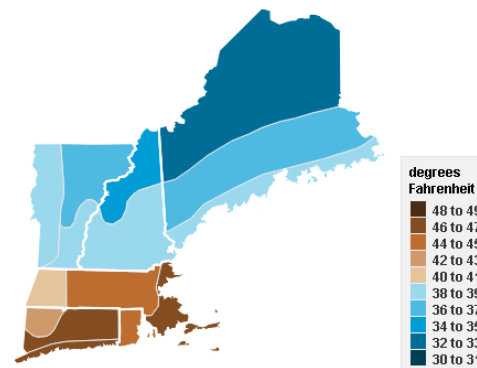


The New England Dashboard is a tool to assess energy market conditions

- 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

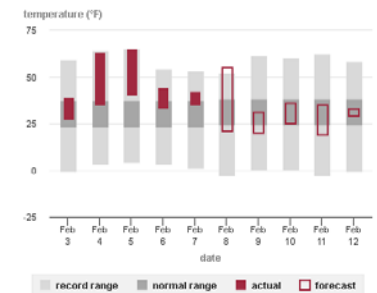


Daily average temperatures by New England climate division



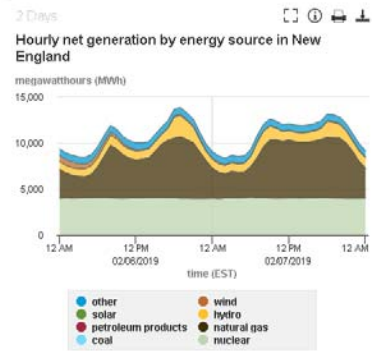
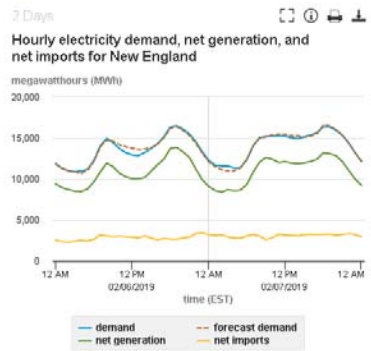
PREVIOUS 30-YEAR **DAILY AVG. TEMP** DAILY ANIMATION

Boston temperature

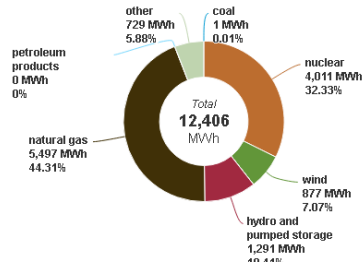


Electricity: includes real-time and hourly generation, imports, and price

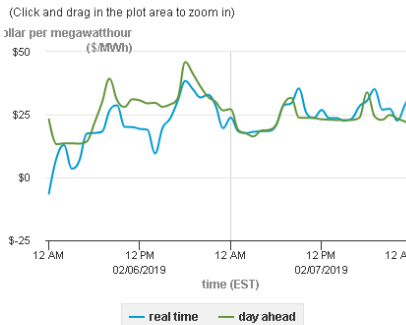
2 Days 2 WEEKS 1 YEAR



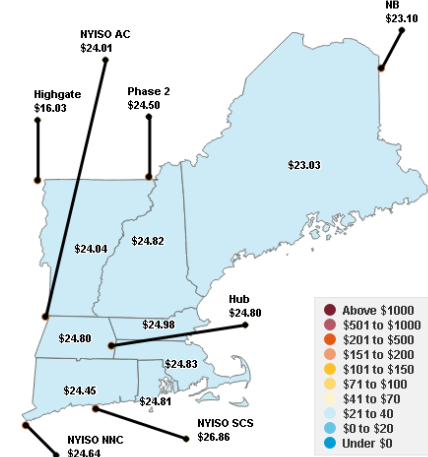
Real-time net generation by energy source in New England, as of 2/8/19, 8:52 p.m.



Hourly locational marginal prices at the ISO New England Hub



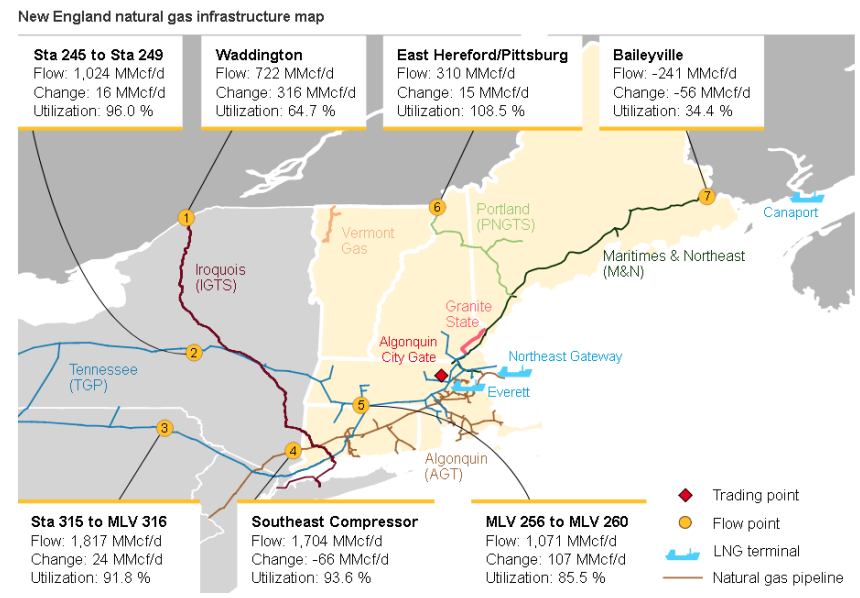
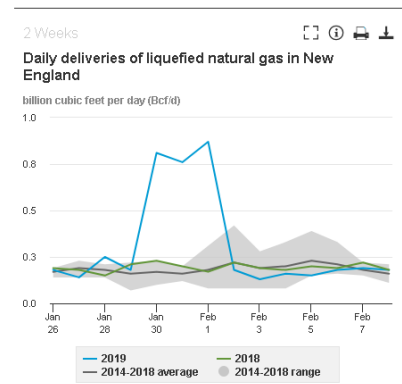
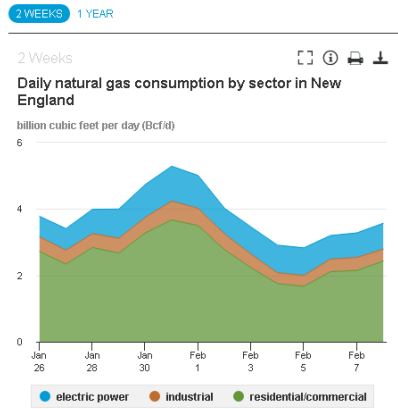
Real-time locational marginal prices by zone and interface in New England as of 2/8/19, 8:50 p.m.



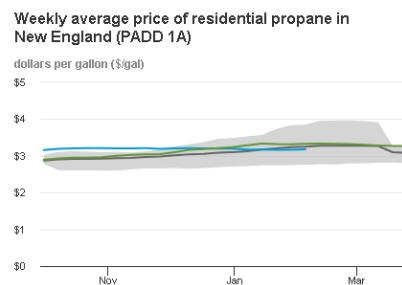
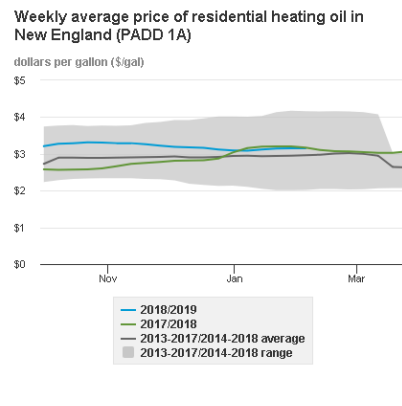
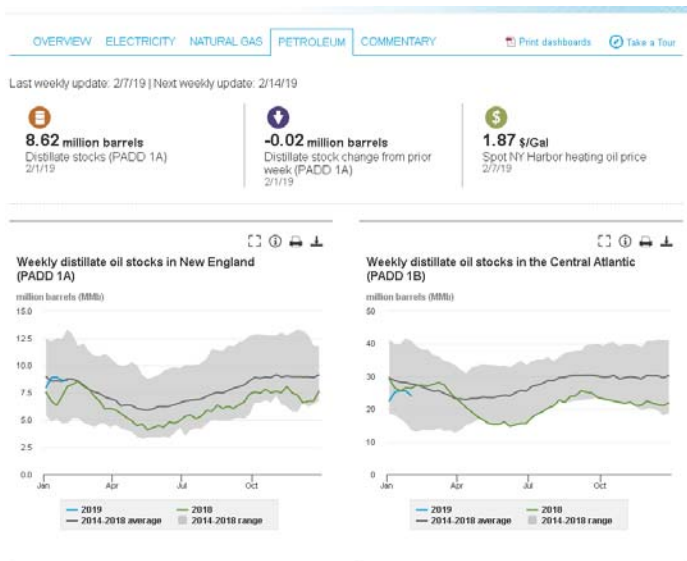
Natural Gas: demand, supply, pipeline utilization, and price

OVERVIEW ELECTRICITY **NATURAL GAS** PETROLEUM COMMENTARY [Print dashboards](#) [Take a Tour](#)

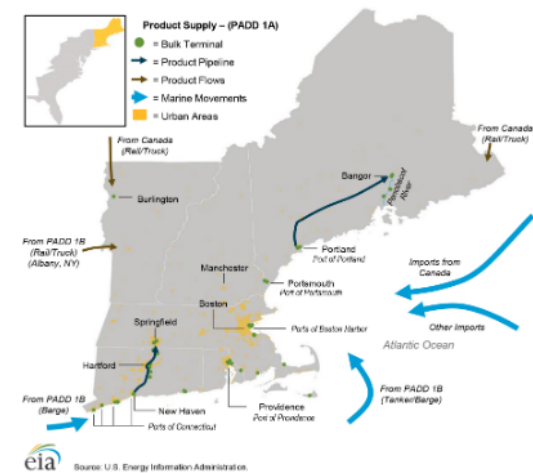
- 3.58 Bcf/d**
Demand
2/8/19
- 0.30 Bcf/d**
Demand change
2/8/19
- 68.10%**
Regional pipeline utilization
2/8/19
- 2.85 \$/MMBtu**
Spot natural gas price (Algonquin Citygate)
2/8/19



Petroleum: regional stocks, prices, and infrastructure



New England petroleum infrastructure (PADD 1A) map



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

Or contact subject matter experts:

Christopher Peterson, Senior Market Analyst
christopher.peterson@eia.gov (202) 586-4804

Barbara Mariner-Volpe, Team Lead, Natural Gas Statistics
barbara.mariner-volpe@eia.gov, (202) 586-5878

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/>

Southern California Daily Energy Report | <https://www.eia.gov/special/disruptions/socal/winter/>

Natural Gas 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/>

