



# New hampshire energy storage goal

What is New Hampshire's energy strategy?

This update to the state's energy strategy -- the first from New Hampshire's newly created Department of Energy -- identifies the principles that should guide energy policy in the state and "establish a framework for policymakers and stakeholders" who engage with those issues.

Why did NH saves stall?

In New Hampshire, programs like NH Saves help reduce demand. But energy efficiency plans stalled for almost a full year in the Public Utilities Commission, before the commission decided to reject a plan to spend more on energy efficiency, and instead issued an order that would decrease the rates that fund those programs.

Why are New Hampshire's Renewable Portfolio Standards so low?

New Hampshire's Renewable Portfolio Standards are the lowest in the region, meaning we may contribute less to the development of renewable energy on our shared grid. With less guidance from New Hampshire's state government on energy policy and emissions reductions, local communities have taken the lead in the Granite State.

Does New Hampshire have a market-based approach to energy policy?

A market-based approach in a highly-regulated sector New Hampshire leaders have leaned into a market-based approach to energy policy for the past few years, said Sam Evans-Brown, executive director of Clean Energy New Hampshire. The idea behind this approach is "if we just let the markets act, we'll get less expensive electricity," he said.

Are local communities taking the lead in New Hampshire's energy policy?

With less guidance from New Hampshire's state government on energy policy and emissions reductions, local communities have taken the lead in the Granite State. The momentum in cities and towns to take action on energy and climate change has produced ambitious goals for renewable energy and investments in energy efficiency at the local level.

What does New Hampshire's energy future look like?

Many activists and advocates are pushing for stronger state policies as we confront climate change in New Hampshire. What does New Hampshire's energy future look like? Demand for electricity is expected to rise. As it does, New England is expected to develop new renewable sources of energy.

None of the New Hampshire agencies are designed to work on energy policy specifically, although many of them already do energy-related work. In the past, this issue has been concentrated in state agencies that no longer exist or in the governor's office.

New Hampshire State Summary: EERE Investments in New Hampshire Weatherizing Homes for Lower



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Income Families New Hampshire has spent more than 98% of the more than \$25 million in ARRA funds it received to weatherize more than 4,000 homes--surpassing its goal. To date, this effort New Hampshire's New Hampshire clean-economy.

New Hampshire has a renewable portfolio standard that requires utilities to derive 19.7% of their energy from renewable sources, and 0.60% of that must come from solar energy systems. In order to meet these goals, utilities must obtain SRECs, which represent the environmental benefits of producing 1 megawatt-hour of electricity from solar.

CITY OF CONCORD, NEW HAMPSHIRE 100% RENEWABLE ENERGY GOAL STRATEGIC PLAN  
July 31, 2019 Prepared by Concord Energy & Environment Advisory Committee - 2 - EXECUTIVE SUMMARY  
In July 2018, the City of Concord adopted a 100% renewable energy goal by unanimous vote of the City Council.

New Hampshire has modest solar energy resources. 46 Solar energy supplied about 1% of New Hampshire's total net generation in 2022, almost all of it from small-scale (less than 1 megawatt) installations. 47 The state's first and so far only utility-scale solar-powered facility came online in early 2019 with a capacity of 2.4 megawatts. 48 Prior ...

CONCORD, NH -- A coalition of New England states jointly submitted two applications to secure federal funding to support investments in large-scale transmission and energy storage infrastructure to enhance grid reliability and resilience across the region. The Massachusetts Department of Energy Resources, the Connecticut Department of Energy and ...

Liberty Utilities in November released a report finding that the first phase of its battery storage pilot, in which the utility provided batteries to 96 homes, yielded significant cost ...

"The Power Up New England award from the U.S. Department of Energy marks an important milestone in Rhode Island and New England's development of offshore wind and battery energy storage opportunities," said Acting Rhode Island Office of Energy Resources Commissioner Chris Kearns. "These federal funds will help secure long-term improvements to ...

What I believe is the first utility-scale electricity-storage project in New Hampshire is getting turned on: a 2.45 MW battery alongside a solar farm in Moultonborough. A Here's the announcement from New Hampshire Electric Cooperative: The 2.45 megawatt (MW) / 4.9 MWh battery project was developed in partnership with ENGIE North America (ENGIE), a leading [...]

As northeastern states set clean energy goals, pairing distributed solar and storage resources in residential homes increases resilience, especially during outages caused by energy use during ...

On February 10, 2022, The New Hampshire Departments of Energy, Business and Economic Affairs, and



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Environmental Services released that report. Jared Chicoine, Commissioner of the New Hampshire DOE, said "The deployment of offshore wind in the Gulf of Maine could be quite consequential for New Hampshire and the entire region in the coming years.

Michigan's newly enacted energy storage target means we now have 10 states in the club. On April 21, 2022, Governor Gretchen Whitmer released the MI Healthy Climate Plan, a roadmap for Michigan to achieve economy-wide carbon neutrality by 2050 with interim 2030 goals. In addition to recommendations for renewable energy, the plan established a target of ...

As costs of batteries and other technologies allow utility-scale energy storage projects to compete directly with conventional fossil fuel systems, several states are taking notice and have begun to advance energy storage solutions and are creating energy storage targets as part of their decarbonization plans. On June 16, Connecticut's Governor Lamont signed S.B. 952 (An [...])

As of October 2024, the average storage system cost in New Hampshire is \$1400/kWh. Given a storage system size of 13 kWh, an average storage installation in New Hampshire ranges in cost from \$15,466 to \$20,924, with the average gross price for storage in New Hampshire coming in at \$18,195. After accounting for the 30% federal investment tax ...

Last year, Gov. Sununu vetoed a bill that would have required the state's utilities to use more than 50% renewable energy by 2040. New Hampshire's current renewable energy goal is 25% by 2025 ...

The project serves as a non-wires alternative -- a use of local energy in lieu of a centralized solution. In this case, Eversource says it can avoid construction of a \$6 million, 10-mile distribution circuit.

The law does assign a specific task to the BPU: "I initiate a proceeding to establish a process and mechanism for achieving the goal of 600 megawatts of energy storage by 2021 and 2,000 megawatts ...

Residential Energy Efficiency Programs Utilities" Residential Energy Efficiency Programs ("CORE") The New Hampshire electric and natural gas utilities, in consultation with the NH Public Utilities Commission and other interested parties, offer a variety of energy efficiency rebates. Detailed program information can be found on the NHSaves website. You may also contact ...

and Employment Report found that New Hampshire has 10,253 traditional energy workers (1.9% of total state employment). In 2021, New Hampshire ranked thirty-seventh nationally for clean energy jobs, with 15,323 New Hampshire residents employed by the industry. Of these workers, 10,838 were employed in energy efficiency, 3,215 in renewables, and 868 in ...

The state of New Hampshire has no stated clean energy goals, despite being surrounded by two states with serious commitments. Massachusetts Climate Action Law calls for net-zero by 2050. Maine recently increased its renewable portfolio standard to 80% by 2030 and set a goal of 100% clean energy by 2050.



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What kind of energy powers New Hampshire? In 2019, the Energy Information Administration estimated that nuclear power, motor gasoline, natural gas, distillate fuel oil, and biomass were the ...

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