



# 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.

New Hampshire to receive over \$43 Million in Solar for All Grants April 18, 2024 New Hampshire Department of Energy Submits Application for Home Electrification and Appliance Rebates Program

BOSTON -- The U.S. Department of Energy (DOE) today announced it selected the New England states' Power Up New England proposal to receive \$389 million. Power Up, submitted to DOE through the second



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round of the competitive Grid Innovation Program, features significant investments in regional electric infrastructure including proactive upgrades to points ...

On February 10, 2022, The New Hampshire Departments of Energy, Business and Economic Affairs, and Environmental Services released that report. Jared Chicoine, Commissioner of the New Hampshire DOE, said &quot;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.

The first large standalone battery-storage facility in New Hampshire has been turned on by the New Hampshire Electric Cooperative alongside its solar farm in Moultonborough.

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 ...

Is New Hampshire achieving its renewable energy goals? Yes. The RPS has promoted the use of local renewable fuels and fuel diversity, while providing economic opportunities and environmental benefits. The Commission did a review of the RPS in 2018. The 2018 Review shows that New Hampshire's in-state energy generation is becoming more renewable.

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 ...

A number of New Hampshire towns is looking at community power as a way to provide energy that could lower costs for residents, help tailor their energy mix, and provide room for innovation.

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.

The New Hampshire Department of Energy's new 10-year energy strategy, as in past years, prioritizes cost-effective energy above all else, and calls for free-market selection of energy resources, regardless of the fuel source. The latest version also repeatedly suggests that New Hampshire ratepayers will suffer as a result of other states ...

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



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

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 ...

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 [...])

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The State of New Hampshire Department of Energy is the managing agency of New Hampshire's Weatherization Assistance Program (WAP). New Hampshire subcontracts with five community action agencies to provide weatherization services across the state's 10 counties. Since 2020, a time period which includes the pandemic years, New Hampshire weatherized ...

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 ...

Seabrook, one of only two nuclear power plants in New England and the largest power plant in New Hampshire, provided 58% of New Hampshire's 2022 total in-state electricity net generation. In 2022, 14% of New Hampshire's electricity generation came from renewable resources, including small-scale solar installations.

A battery pilot by Liberty Utilities put energy storage in about 100 customers' homes. New Hampshire utility regulators this week declared the program a success and asked ...

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 [...]

and Employment Report found that New Hampshire has 10,253 traditional energy workers (1.9% of total state



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employment). In 2021, New Hampshire ranked thirty-seventh nationally for clean energy jobs, with 15,323 New Hampshireers employed by the industry. Of these workers, 10,838 were employed in energy efficiency, 3,215 in renewables, and 868 in ...

The new Department of Energy effectively replaces the governor's Office of Strategic Initiatives, which used to handle energy policy and no longer exists. According to deputy energy commissioner Chris Ellms, the Department of Energy focuses on energy policies. What specific energy policies the Department will focus on is not mentioned in the passage.

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.

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.

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 ...

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.

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 addition to recommendations for renewable energy, the plan established a target of ...

New Hampshire 42nd in the nation for projected solar energy capacity growth over five years at 351.43 MW. The The 2020 U.S. Energy and Employment Report found that the Granite State has 10,812 traditional energy workers (1.6%)

The chair of the House Science, Technology and Energy Committee, Rep. Michael Vose, R-Epping, will introduce a bill in the 2024 session to establish a clean energy portfolio standard that would include nuclear power from Seabrook Station which provides 56 percent of all the electric generation in New Hampshire.

Update 25 May 2021: The Rhode Island Office of Energy Resources contacted Energy-Storage.news to point out that although at the time of publication, only one incentive programme for storage, the ConnectedSolutions scheme, was listed on its website, the state does offer one other pilot programme: called the Energy Storage Adder Pilot Program ...



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