

21 New Hampshire

New Hampshire ranked 21st in *The 2017 State Energy Efficiency Scorecard*, the same position it held in 2016. The state scored 20 points out of a possible 50, a half-point more than last year. New Hampshire is poised to significantly improve efficiency efforts in 2018 following the 2016 approval of annual savings targets for electric and natural gas facilities. However opportunities remain to pursue efficiency in other policy areas. New Hampshire could enact policies to promote efficient transportation systems and combined heat and power development. With so many leading states in the Northeast, New Hampshire can draw examples from its neighbor states.

UTILITIES (9.5 OUT OF 20)

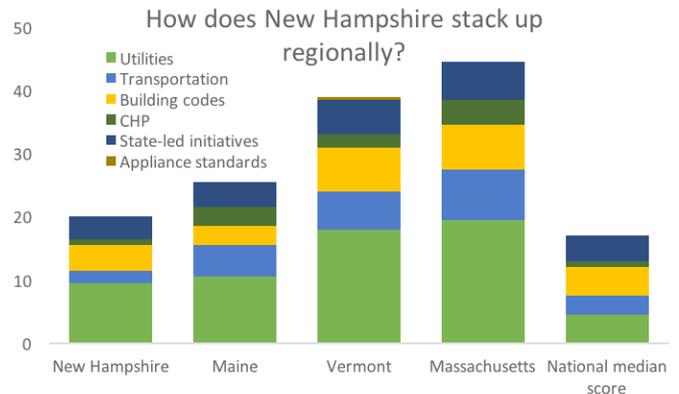
New Hampshire's savings from its natural gas programs have been among the highest in the nation, though electricity savings have lagged behind those of its neighbors. That could change in the coming years following the state's approval of its first-ever energy efficiency resource standard in 2016. New Hampshire began convening Energy Efficiency & Sustainable Energy Board (EESB) workshops earlier this year to address details of implementing the standard that takes effect in 2018. Targets are set at roughly 1% annually for electricity and 0.75% for natural gas. The Settlement Agreement approving the energy targets also includes a lost revenue adjustment mechanism and describes plans to potentially replace this with a decoupling policy in the future.

TRANSPORTATION (2 OUT OF 10)

Vehicle miles traveled per capita have decreased in recent years, and the number of electric vehicles have increased. New Hampshire integrates transportation and land use planning, but has not otherwise pursued policies to encourage efficient transportation systems. There is room for growth in this policy area.

BUILDING ENERGY EFFICIENCY POLICIES (4 OUT OF 8)

Residential and commercial buildings must comply with the 2009 IECC, the latter with reference to ASHRAE 90.1-2007. Municipalities may adopt more stringent codes. The state



has completed a strategic compliance plan, has established a stakeholder advisory group, and utilities are allowed to use energy efficiency funds to provide code trainings. The Public Utilities Commission assists with code trainings.

COMBINED HEAT AND POWER (1 OUT OF 4)

The state includes CHP as an eligible resource within its renewable portfolio standard, but does not otherwise have policies in place that encourage the development of all types of cost-effective and efficient CHP. No new CHP installations were completed in 2016.

STATE GOVERNMENT-LED INITIATIVES (3.5 OUT OF 6)

The state runs two loan programs and has one active PACE program. New Hampshire also leads by example by setting energy savings goals for buildings and fleets, benchmarking energy use in public buildings and encouraging the use of energy savings performance contracts. There are no research programs focused on energy efficiency funded by the state.

APPLIANCE STANDARDS (0 OUT OF 2)

The state's most recent standards were set in 2008, one of which has been preempted by federal standards.

INTER-LAKES SCHOOL DISTRICT

The Inter-Lakes School District, which covers the towns of Meredith, Center Harbor, and Sandwich, has almost completed its 10-year energy efficiency project. The project's first phase, implemented in 2007, has already saved the district 700,547 kWh and reduced electricity usage by 38%. When Phase 2 is complete, the district expects to reduce energy usage by an additional 33% and save \$3,075,981 in energy costs over the lifetime of the improvements. Assistant superintendent Trish Temperino said, "It's multifold. We're investing in our buildings and keeping our environment healthy for students. But we're also allowing those savings to go into other programs." The schools have used energy efficiency to create hands-on learning for students; examples include its greenhouse, which will be used to grow food for school lunches, and tours of its solar panel installations. For its efforts, the school district was recognized by the Northeast Energy Efficiency Partnership as a 2016 Business Leader in Energy Efficiency.

