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# New York

New York ranked seventh in *The 2017 State Energy Efficiency Scorecard*, falling two positions compared to last year. The state scored 34.5 points out of a possible 50, 1 point less than it earned in 2016. Proceedings continued this year under the state's Reforming the Energy Vision (REV) initiative, which seeks to reimagine the electric grid as a platform for a distributed energy system, leveraging public and private investment toward the state's ambitious clean energy goals. The NY Green Bank, a state-sponsored investment fund, has begun to fill a central role toward this effort, attracting financing for clean energy and energy efficiency projects. However some uncertainty remains regarding how energy efficiency targets will be structured to guide compliance. Strong evaluation and measurement protocols will be needed in order to assess the success of these efforts.

## UTILITIES (10 OUT OF 20)

Utilities and the New York State Energy Research and Development Authority (NYSERDA) run both electricity and natural gas efficiency programs and achieved statewide electricity savings of just above 1% in 2016. Under the ongoing REV proceeding, the state has begun to transition to an innovative, market-based energy efficiency procurement strategy to meet its ambitious long-term clean energy goals, although questions remain regarding efficiency planning and reporting protocols. In November 2016, the state's Clean Energy Advisory Council proposed metrics for measuring energy efficiency savings, although details regarding the role efficiency will play in meeting the state's goals continue to take shape.

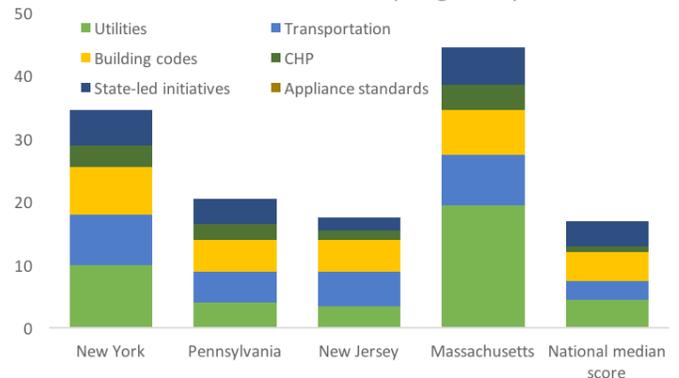
## TRANSPORTATION (8 OUT OF 10)

The state has a comprehensive set of policies to encourage efficient transportation systems, and sets aside a significant amount of funding for transportation. New York offers vouchers toward the purchase of hybrid and electric trucks. Average vehicle miles traveled have decreased in recent years.

## BUILDING ENERGY EFFICIENCY POLICIES (7.5 OUT OF 8)

In 2016, the state completed major updates to its building energy codes, incorporating 2015 IECC and ASHRAE 90.1-2013 standards. NYSERDA has completed a baseline compliance study, as well as a gap analysis and strategic compliance. The state also implements a variety of programs to improve code compliance, including convening a stakeholder group and developing trainings.

How does New York stack up regionally?



## COMBINED HEAT AND POWER (3.5 OUT OF 4)

New York was the second state to adopt an interconnection standard. The state includes cost-effective and efficient CHP as an eligible resource within its energy efficiency goals and renewable portfolio standard. Within the REV proceeding, the Public Service Commission is encouraging utilities to pursue distributed energy resources, including CHP, as alternatives to large capital investments in traditional infrastructure. Thirty-nine new CHP installations were completed in 2016.

## STATE GOVERNMENT-LED INITIATIVES (5.5 OUT OF 6)

The state provides access to energy assessments, low-cost financing, and workforce training through its Green Jobs Green New York program, in addition to offering several rebate, loan, and grant programs. Since 2014, the NY Green Bank, administered by NYSERDA, has worked to promote renewable energy and energy efficiency by partnering with the private sector to address market and financial barriers. The state government leads by example by requiring efficient buildings, benchmarking energy use, and encouraging the use of energy savings performance contracts. New York was the first state to pass a residential energy use disclosure requirement. New York has several major research programs devoted to energy efficiency research, including programs run through NYSERDA.

## APPLIANCE STANDARDS (0 OUT OF 2)

New York was one of the first states to set appliance standards, following California's lead in the 1980s. However, most standards have been preempted by federal standards. Rulemakings for eight remaining products are ongoing and not yet enforced.

## DYGERT FAMILY FARM

The Dygert dairy farm in Montgomery County has been in the family since 1723, and Robert Dygert is the 13th generation to own the farm. Continuing such a long-standing tradition requires dedication as well as innovation. A farm energy assessment through NYSERDA revealed approximately 17,000 kWh of potential electricity savings, which would save the farm \$2,400 annually. When the Dygerts doubled the size of their herd and milk production, they saw only a minor increase in electricity usage thanks to the efficiency upgrades. "I recommended NYSERDA to neighboring farms," Robert Dygert said about the experience.