

Reforming the Energy Vision **REV**

REV GOALS



Making energy more affordable for all New Yorkers



Building a more resilient energy system



Empowering New Yorkers to make more informed energy choices



Creating new jobs and business opportunities



Improving our existing initiatives and infrastructure



Supporting cleaner transportation



Cutting greenhouse gas emissions 80% by 2050



Protecting New York's natural resources



Helping clean energy innovation grow

REV is a strategy to build a clean, resilient, and affordable energy system for all New Yorkers.

REV is transforming New York State's energy policy and initiatives to make sure energy efficiency and clean, locally produced power are at the core of the State's energy system.

REV is changing the way government and utilities work to make clean energy financially beneficial to everyone. And most importantly, REV is putting customers first by designing new initiatives to impact real people and provide individuals and communities with the opportunity to take an active role in achieving the following State energy goals by 2030.

40% Reduction in GHG emissions from 1990 levels

Reducing greenhouse gas (GHG) emissions from the energy sector—power generation, industry, buildings, and transportation—is critical to protecting the health and welfare of New Yorkers and reaching the longer term goal of decreasing total carbon emissions 80% by 2050.

50% Generation of electricity must come from renewable energy sources

Through Governor Cuomo's aggressive Clean Energy Standard commitment, renewable energy sources, including solar, wind, hydropower, and biomass, will play a vital role in reducing electricity price volatility and curbing carbon emissions.

23% Decrease in energy consumption in buildings from 2012 levels

Energy efficiency results in lower energy bills and is the single most cost-effective tool in achieving New York's greenhouse gas reduction objectives. A 23% decrease from 2012 levels is equivalent to 600 trillion British thermal units (Btu) of energy efficiency gains. That's equal to more energy than all New York State homes use in six months.

EXAMPLES OF INITIATIVES TO ACHIEVE REV GOALS

Renewable Energy

Large-Scale Renewables Strategy
NY-Sun
K-Solar
Renewable Heat NY

Building and Energy Efficiency

BuildSmart NY
Energy Efficiency Measures in Affordable Housing
Combined Heat and Power

Clean Energy Financing

NY Green Bank
PACE Financing

Sustainable and Resilient Communities

NY Prize Community Microgrids
New York State Community Partnership
REV Campus Challenge

Energy Infrastructure Modernization

Energy Highway
Smart Generation and Transmission
Low-Cost Power for Economic Development

Innovation and R&D

REV Business Model Demonstrations
Energy Storage R&D and Commercialization Through NY-BEST and Brookhaven National Laboratory

Transportation

ChargeNY
Clean Fleets NY and Innovative Ownership Models

GET TO KNOW SOME REV INITIATIVES

Clean Energy Fund

Delivering on New York State's commitment to reduce ratepayer collections, drive economic development, and accelerate the use of clean energy and deployment of energy innovation to modernize New York's electric grid. The Clean Energy Fund will attract more private capital into New York's emerging clean energy economy, reduce the cost of clean energy by accelerating the adoption of energy efficiency in order to reduce load, and promote the adoption of renewable energy. This investment will deliver over \$39 billion in customer bill savings over the next decade.

Clean Energy Standard

Meeting Governor Cuomo's aggressive commitment that requires 50% of New York State's electricity come from renewable sources by 2030.

NY-Sun

Helping finance 3,000 megawatts worth of solar projects in the next 10 years. NY-Sun is investing in communities that need it, committing \$13 million to projects in low- to moderate-income communities. That means cheaper and cleaner energy for everyone.

K-Solar

Helping K-12th grade schools statewide go solar at reduced costs. This will save schools money on their electric bills, allowing them to spend less on utilities and more on educating New York's children. So far, 323 school districts have registered into the program to date (over 40% of all the public school districts in NYS).

NY Prize

Offering \$40 million in awards to communities that build their own local energy systems, known as microgrids. The less electricity traveling long distances across electrical lines, the cheaper and more reliable it can become.

BuildSmart NY

Working to cut energy use in State buildings 20% by 2020. The government's plan to lead by example is not just good for the environment, it will save taxpayers tens of millions of dollars on State electricity bills.

NY Green Bank

Working with partners in the finance community to invest \$1 billion in clean energy technologies and projects. NY Green Bank is the largest green bank in the country with a goal to make both public and private sector financing available for clean energy projects, and to keep reinvesting those funds in building New York's clean energy future.

THE ENERGY TO LEAD

Ever since 1882, when Thomas Edison built the world's first electrical grid in New York City, the State of New York has been an energy leader. Now to meet 21st century challenges, REV is building an integrated energy network able to harness the combined benefits of the central grid with clean, locally generated power. Through REV, government and industry will work together to achieve a shared goal of a healthier environment and stronger economy.

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