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 energy objectives. 600 trillion British thermal units (TBtu) in energy efficiency gains equates to 23% reduction in energy consumption by buildings.

GET TO KNOW SOME REV INITIATIVES

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, more than 800 schools have signed up.

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.

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.

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 and stronger economy.

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

ny.gov/REV4NY

twitter.com/rev4ny **#REV4NY**

facebook.com/rev4ny

linkedin.com/company/reforming-the-energy-vision

NEW YORK STATE OF OPPORTUNITY. | Reforming the Energy Vision