



## 2017 State of the State



Greater Rochester International Airport



JFK International Airport



Second Avenue Subway

Buy American New York would be the strongest law of its kind in the nation. New York has a responsibility to lead in support of its citizens and an obligation to its taxpayers to reinvest their dollars in businesses and workers who are the backbone of American life and prosperity.

## **Part 2. Fueling a Clean Energy Economy**

New Yorkers know firsthand the devastating effects of climate change. Over the past six years, New York State has experienced some of the most extreme weather events in the state's history, including Hurricane Irene and Tropical Storm Lee in 2011, and Superstorm Sandy in 2012. The science behind a key cause of the uptick in extreme weather is undeniable: rising carbon emissions from human activity are driving global temperatures upward at an alarming rate, with 15 of the warmest years on record having occurred since 2001. As Governor Cuomo said, "Climate change is a reality, and not to address it is gross negligence by government and irresponsible as citizens."

Governor Cuomo is taking decisive action—New York State has already banned fracking and is committed

to phasing out antiquated, polluting coal plants in the state. Last year's implementation of the Governor's Clean Energy Standard ensures that New York will be powered by 50 percent renewable energy by 2030—the most aggressive clean energy mandate in state history. Further, Governor Cuomo's comprehensive energy strategy—Reforming the Energy Vision—is spurring economic growth in the clean energy economy across the state while driving down harmful greenhouse gas emissions.

These actions are already generating unprecedented growth in both large and small renewable energy systems—including the construction of 70 large wind, biomass, hydro-electric, and other renewable projects in just the last few years. Since 2011, solar power in New York State has grown 750 percent and greenhouse gas emissions from the power sector have been reduced nearly 25 percent. This past year, New York celebrated the 35,000<sup>th</sup> solar project on Long Island and the state's first Community Solar project was completed in the Southern Tier. Now, over 325 megawatts of community-owned solar has advanced in the pipeline and is slated for support from the Governor's \$1 billion NY-Sun program.

The United States now faces an unprecedented reversal of federal climate and energy policy. Regional and national emissions reductions remain a critical priority, and New York State stands ready to work with other regions and states to ensure vital progress on climate is continued. Governor Cuomo will continue to drive New York's environmental leadership and will act decisively to oppose any federal action that seeks to roll back progress.

***Proposal: Construct First Offshore Wind Project in New York State off Long Island and Develop Up to 2.4 Gigawatts of Offshore Wind by 2030***

Offshore wind power will play a critical role in meeting the ambitious objectives of Governor Cuomo's Clean Energy Standard while offering an enormous opportunity to spur economic development. As announced in the Governor's 2016 State of the State Address, the New York State Energy Research and Development Authority is developing an Offshore Wind Master Plan to capture offshore wind's vast resource potential. The Master Plan will be released by the end of 2017 and will outline specific steps the State will take to