Climate Framework and Laws
Under Governor Cuomo's Reforming the Energy Vision (REV) strategy, New York is building a clean, affordable and resilient energy system for all New Yorkers. In 2017, Governor Cuomo co-founded the U.S. Climate Alliance and issued EO 166, reaffirming New York’s commitment to emissions reductions in the face of the federal government’s retreat from the Paris Agreement. New York is also a founding member of RGGI and has set GHG reduction targets of 40% by 2030 and 80% by 2050.

Power Sector
The Clean Energy Standard will dramatically increase New York's electricity from renewable energy to 50% by 2030. In March 2018, Governor Cuomo announced $1.4 billion for 1.4 GW of renewable energy projects, the largest award ever made by a state and enough to power 430,000 homes. The comprehensive Offshore Wind Master Plan is guiding the procurement of at least 800 MW of offshore wind in 2018 and 2019. Since 2011, solar power has grown 1,000% in the state, and New York will be one of the largest global economies to end the use of coal for electric generation following Governor Cuomo’s commitment to close all coal-fired power plants by 2020.

Energy Efficiency and Storage
The state's “New Efficiency: New York” initiative in an ambitious acceleration of energy efficiency and includes a wide range of strategies to help households, developers, building owners and industrial facilities reduce energy consumption. The initiative will enable New York to save the energy equivalent to that of 1.8 million homes by 2025. Under the Energy Storage Roadmap, New York has committed to deploying 1.5 GW of storage by 2025, which will provide $2 billion in benefits to New Yorkers and avoid over one million metric tons of CO₂ emissions.

Transportation
The ChargeNY program is accelerating the transition to a self-sustaining market for Plug-in Electric Vehicles (PEVs) in New York State. In its first phase, the program established a goal of 30,000 to 40,000 PEVs by the end of 2018 and the recently-announced ChargeNY 2.0 aims to attain at least 10,000 charging stations by 2021. New York’s $55 million Drive Clean NY program provides electric vehicle rebates to consumers, and the state’s Environmental Protection Fund supports municipal purchases of zero-emission vehicles and infrastructure.

Resilience
Climate Smart Communities is an interagency partnership that provides no-cost state support to local governments that pass resolutions to act on climate change. Across New York, 212 communities representing 35% of the population have taken the 10-point Climate Smart Communities Pledge, and 17 communities are Climate Smart Certified Communities. The Community Risk and Resiliency Act requires state agencies to consider sea level projections, extreme weather events and other climate change impacts in implementing programs, and the Department of State has developed best practices for building, resiliency and land use.

NY Green Bank
In 2013, Governor Cuomo established NY Green Bank to accelerate clean energy deployment by working in collaboration with the private sector to transform financing markets. As of mid-2018, NY Green Bank’s activities are driving approximately $1.7 billion in clean energy investment across the state, and NY Green Bank is now seeking to raise at least $1 billion in third-party capital to expand nationally.