Accelerating Climate Action in the United States:

What Are We Doing and What More Can Be Done?

Thursday and Friday September 20 and 21, 2018























Deputy Commissioner Debbie Mans



Timeline of New Jersey's Role in RGGI



New Jersey Governor Richard Codey joined with the governors of Connecticut, Delaware, Maine, New Hampshire, New York, and Vermont to sign a memorandum of understanding to establish RGGI.



Global Warming Response Act (GWRA)

New Jersey enacted the Global Warming Response Act, requiring the State to reduce economy-wide GHG to 1990 levels by 2020 and to 80% below 2006 levels by 2050.



Global Warming Solutions Fund Act (GWSFA)

New Jersey enacted the Global Warming Solutions Fund Act, which authorized the State to implement a market-based CO2 emissions trading program such as RGGI.



NJ Exits RGGI

New Jersey Governor Chris Christie withdrew the State from RGGL **/**

Executive Order 7 (EO 7)

New Jersey Governor Phil Murphy issued EO 7 directing New Jersey to re-enter RGGI and participate in the CO₂ allowance auctions, which will be accomplished through DEP rulemaking. Through a simultaneously proposed but separate rulemaking, DEP will establish the framework for New Jersey's participation in the RGGI auctions.

2005 2007 20

2008

2012

2018



CO2 Emissions Trading Rule

NJDEP developed the CO2 Emissions Trading Rule which established the "mechanics" of RGGI participation (e.g., regulated community, auction participation, permitting and enforcement requirements).



Global Warming Solutions Fund Rule

NJDEP developed the Global Warming Solutions Fund rule which established the guidelines and priority ranking system for the distribution of RGGI's proceeds.

New Jersey's Global Warming Response

- Establishes limits for reducing greenhouse gas (GHG) emissions
 - Back to 1990 levels by 2020
 80% reduction from 2006 baseline by 2050

How can we achieve this goal?

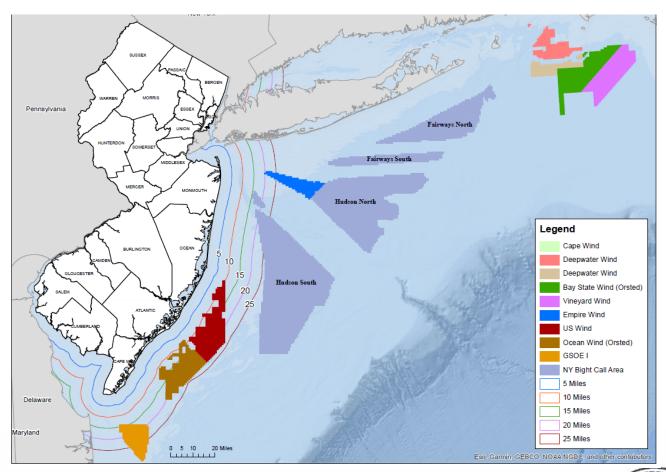
- Regional Greenhouse Gas Initiative
- **Electric Vehicles**
- Renewable Energy Portfolio
- Offshore Wind
- **Electric Vehicles**
- Natural Carbon Sinks
- Energy Efficiency





Offshore Wind Opportunities

- Supports Governor Murphy meeting New Jersey's clean energy goals of 50% clean energy by 2030 and 100% clean energy by 2050.
- Demonstrates that New Jersey is addressing Climate Change.
- Supports New Jersey's commitment to joining the U.S. Climate Alliance
- New Jersey is centrally located to take advantage of the supply chain opportunities associated with the construction and operation & maintenance of the 8,000 MW's of Offshore Wind planned for the region.

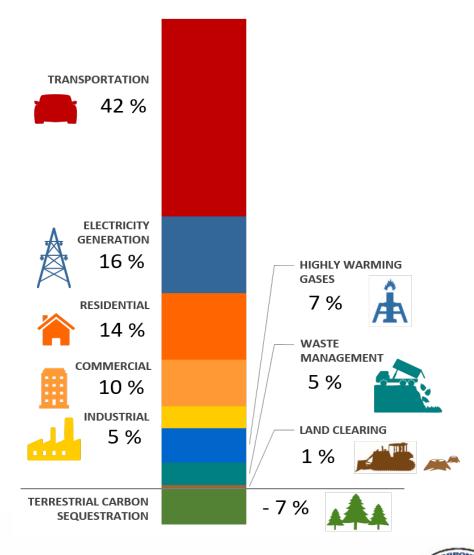




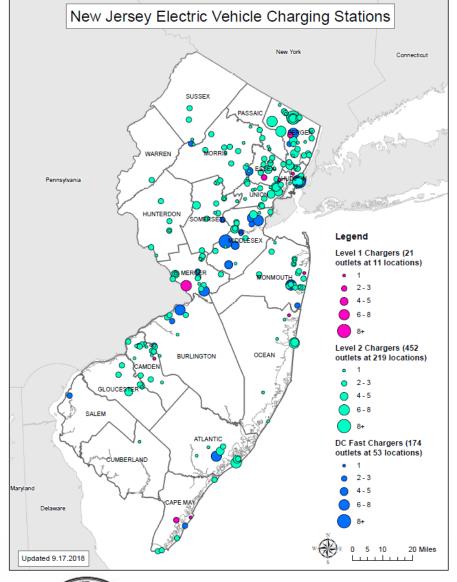


New Jersey GHG Profile Sources and Sinks

2015 Statewide Greenhouse Gas Emissions Inventory







NJ's Public Charging Network

Publicly accessible EV charging stations:

647 plugs at 283 locations

Source: www.afdc.energy.gov (9/2018)



DEPARTMENT OF ENVIRONMENTAL PROTECTION

It Pay\$ to Plug In NJ's Workplace Charging Grant Program

Offset costs of purchasing and installing EV charging stations and

reduce range anxiety.

 Awarded nearly \$850,000 in 11 months to 62 grantees for 186 charging stations

- Accepting applications for the wait list.
- \$3.6 million expected to be available late 2018

