

# Distributed Energy Resources

## New Technology Investment

---

Rich Dewey

PRESIDENT & CEO

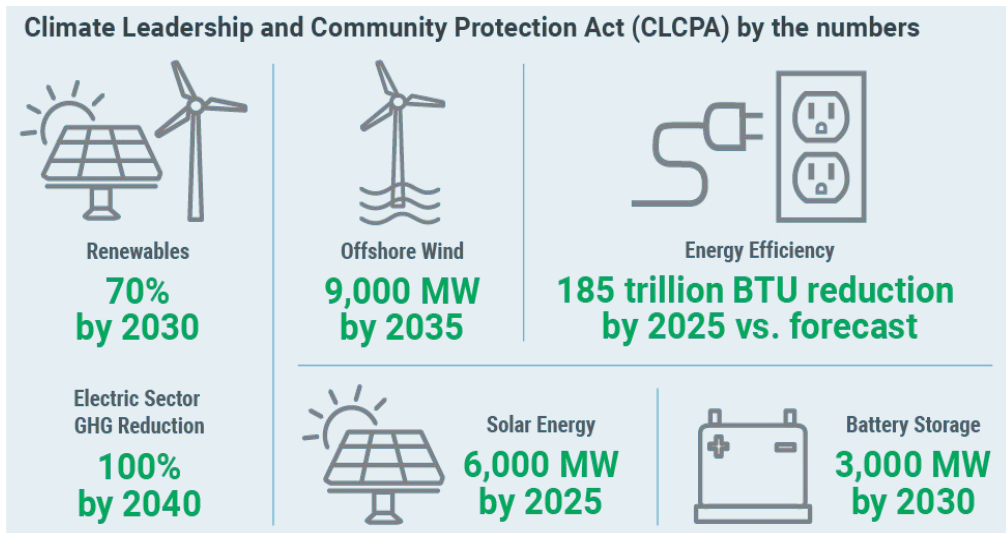
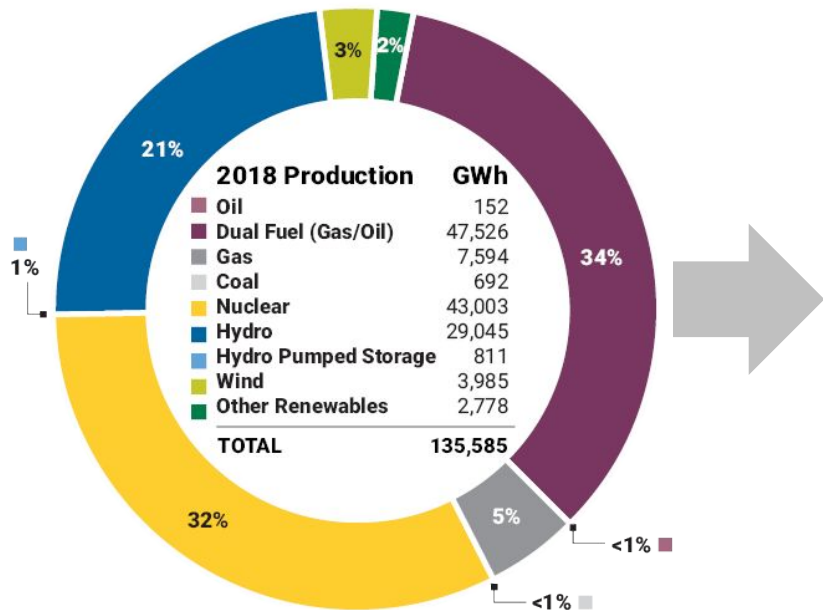
# Our mission, in collaboration with our stakeholders, is to serve the public interest and provide benefit to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policymakers, stakeholders and investors in the power system



# New York State's clean energy goals:

## A Grid in Transition



# Key Obstacles – New Technology

- Deployment of new technologies critical to achieve goals
- Market signals provide the most effective signals
  - Reliability value
  - Competition
- Aligning market signals with DER technology capabilities challenging
  - Revenue requirements
  - Performance capabilities of new technologies



# Benefits / Consequences of Market Design

- Achievement of desired investment for technology deployment
- Maximize reliability benefits
  - Location
  - Performance
- Efficiency for consumers
- Failure to attract sufficient investment to contribute towards goals
  - Revenue adequacy
  - Response / performance
- Inefficient out-of-market costs

# Challenge ---

Matching the reliability needs to the grid, with the performance capabilities of necessary new technology, and bringing them together with a market signal that drives investment.

# Questions?