

# Meeting the CLCPA

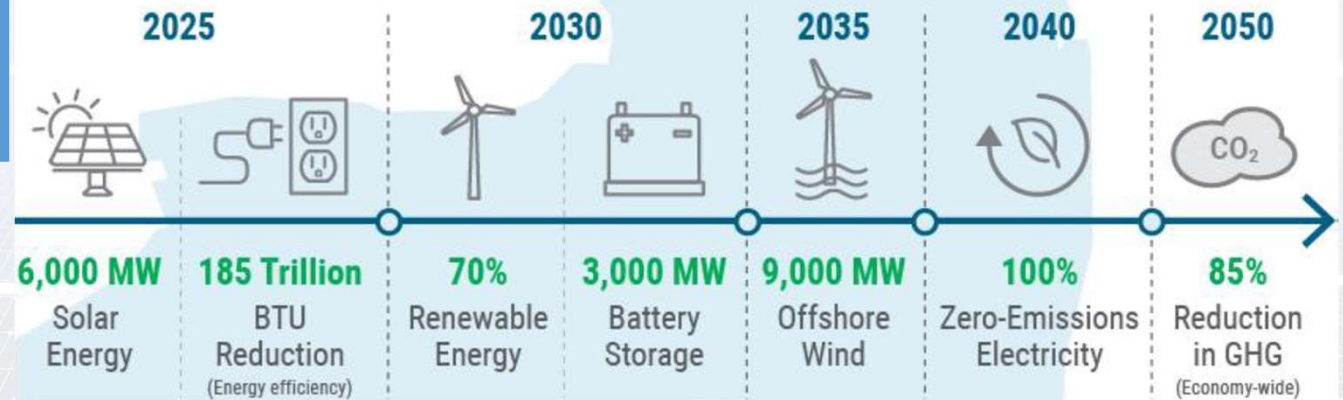
**John Borchert, Sr Director Energy Policy & Transmission Development**

**Central Hudson Energy Policy & Regulation**



# Climate Leadership & Community Protection Act

## CLCPA by the numbers

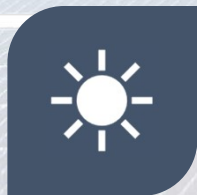


# Accelerated Renewable Energy Growth & Community Benefit Act

Renewables Act set actions related to:

- **New Permitting Processes**, Major Renewable Energy Development Program
- **Build Ready Program**, Clean Energy Resources Development and Incentive Program
- **Transmission**, State Power Grid Study, Program to Achieve CLCPA Targets, & Article VII improvements (Case 20-E-0197)

# What is Central Hudson Doing?



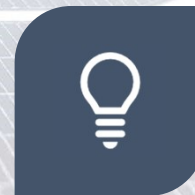
PLANNING FOR  
RENEWABLES &  
STORAGE



INVESTING IN THE  
GRID



INTERCONNECTION  
IMPROVEMENTS



ENERGY EFFICIENCY  
PROGRAMS



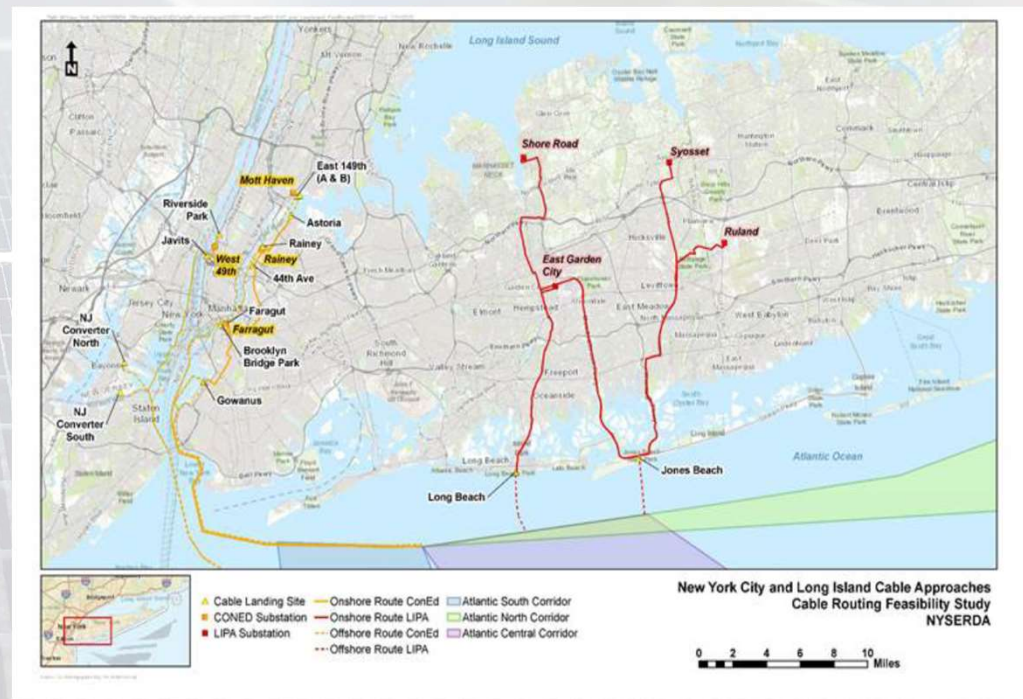
HEAT PUMP &  
ELECTRIC VEHICLE  
PROGRAM



# Planning for Renewables & Storage

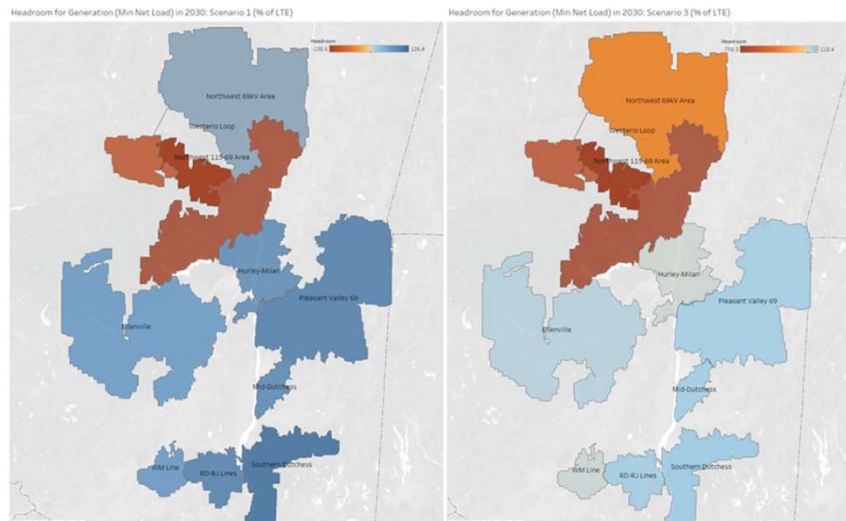
- Working with the NYISO, NYSEERDA, and Staff to Study the Electric System
  - Loads adjusted for Energy Efficiency, Heating, and Electric Vehicles.
  - Identifying what is needed to meet the CLCPA goals
  - Bulk and Local T&D studies completed to identify potential areas of need & solutions

# Bulk Study Work Completed

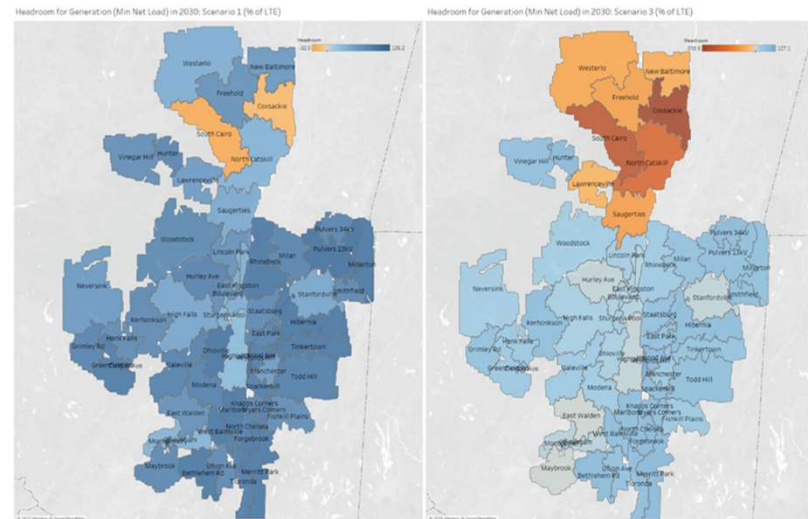


# Local Study Work Completed

## Transmission Area Headroom



## Distribution Area Headroom



# Investing in the Grid

## Capital Infrastructure Projects

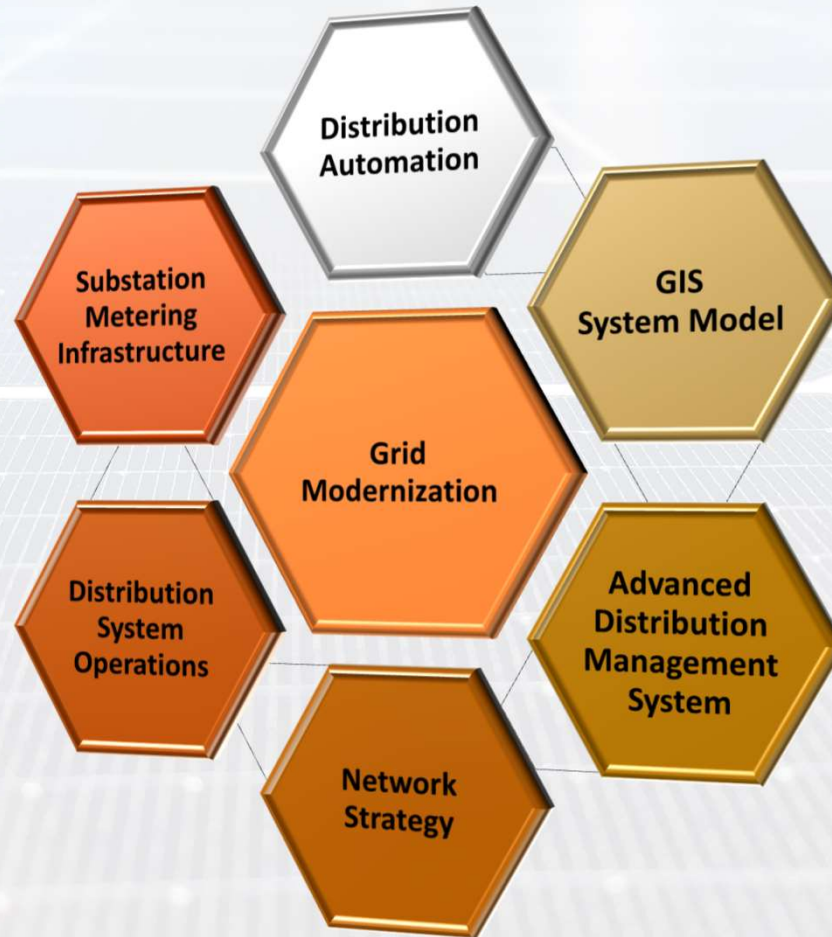
- **Phase 1 – Multi Value Projects that also provide headroom**
  - **Copper Wire Replacement**
  - **Operating/Infrastructure Programs**
  - **Grid Modernization Program**
  - **Voltage Conversion Projects**
- **Phase 2 – Aimed at increasing renewable headroom**

## Enhanced Monitoring and Control

## Battery Storage



# Grid Modernization



# Interconnection Improvements

- More Staff to process applications, perform studies, and commissioning.
- Cost Sharing and Financing Proposals to improve development.
- Hosting capacity map improvements and data sharing.

# Energy Efficiency Programs

- The most cost-effective way to reduce carbon and protect the environment.
- A full selection of products and programs for households and businesses.



# Heat Pump and Electric Vehicles

- NYS Clean Heat Program
  - 12000 Heat Pumps through 2025
    - \$4700 Clean Heat Rebate for Air Source Heat Pumps
    - \$9100 Clean Heat Rebate for Ground Source Heat Pumps
- EV Make Ready Program
  - Currently more than 4000 EVs in the Valley
  - Projected to triple in the next few years
  - In addition, we are part of two major highway corridors
  - Public Chargers to relieve range anxiety

# Where to Find More Information

- Central Hudson Website
- Accelerated Renewable Energy Growth and Community Benefit Act at NYSERDA
- Central Hudson's 2020 DSIP filing
- Joint Utilities of New York
- Climate Action Council

