



Pedal to the Metal on New York's Energy Transition

Jen Hensley, SVP Corporate Affairs, Con Edison April 2024

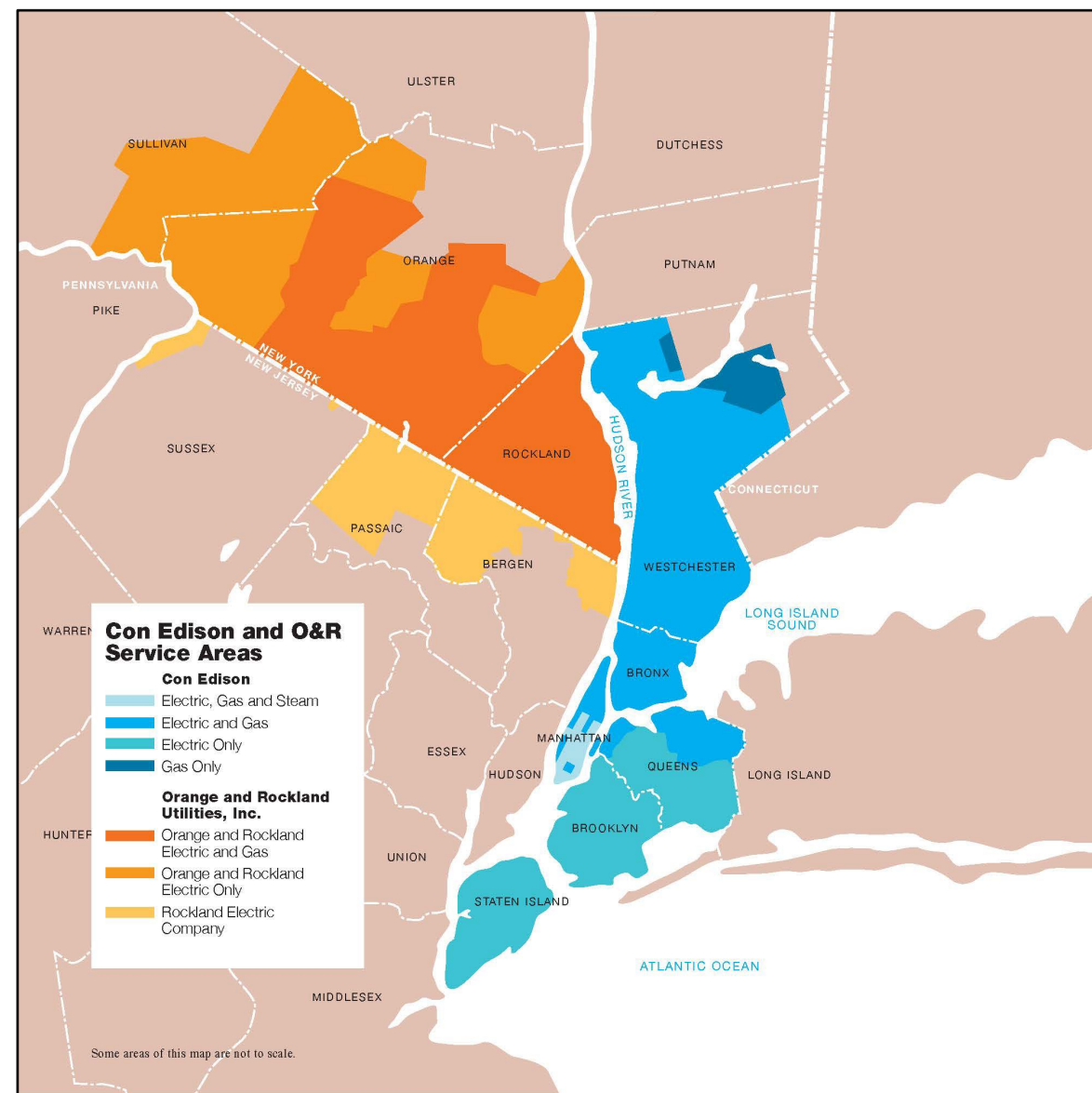
Con Edison / O&R

Con Edison

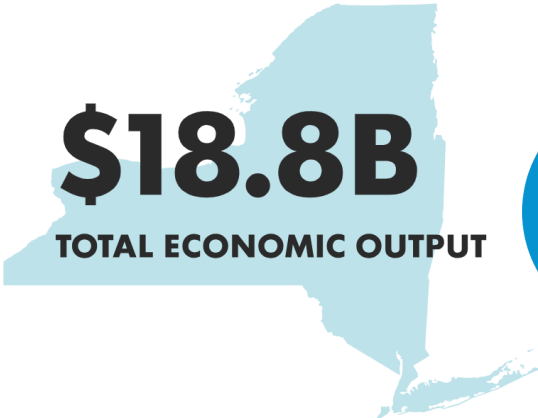
- Largest investor-owned utility in the state by MWh delivered to customers or number of people served
- Provides electric service to ~3.6M customers in the 5 Boroughs of NYC and most of Westchester County
- Delivers gas to ~1.1M customers in Manhattan, the Bronx, parts of Queens and most of Westchester County
- Operates the largest steam distribution system in the United States

Orange & Rockland

- Provides electric service to ~ 300K customers in southeastern NY and northern NJ
- Delivers gas to over 100K customers in southeastern NY



Energizing the Economy



57%
of employees
represented by an
industry union



52%
of employees
represented by
industry union



32.8K Jobs
1 in 300 New York State jobs



\$1.4B Contracts
went to New York City and
State businesses



\$3.8B
TOTAL FISCAL IMPACT
IN NEW YORK STATE.



\$184M
Total Fiscal Impact
to NY and NJ



3,410 Jobs
1 in 400 Service Territory jobs



\$117M Contracts
NY and NJ businesses



12K
Sanitation Workers
165% of Uniformed DSNY



25K
Teachers
21% of DOE teachers



18K
Firefighters
167% of FDNY workers

\$2.4B
in direct taxes to New York City

\$88M
in direct taxes to New York and New Jersey

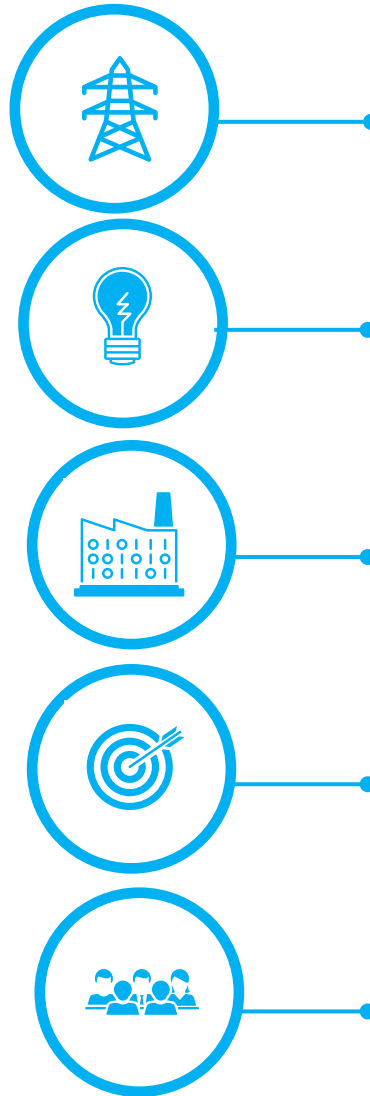


2.3K
Public School Teachers



2.8K
Social Workers

Con Edison Clean Energy Commitment



Build the Grid of the Future

Build a resilient electric grid that is capable of delivering 100% clean energy by 2040 in support of New York State's Climate Laws.

Empower our customers to meet their climate goals

Accelerate energy efficiency with deep retrofits, Support New York's City' law to electrify most building heating systems by 2050, and enable a robust EV charging Network in our service territory.

Reimagine the gas system

Support decarbonizing and reducing the use of fossil natural gas, and explore new ways to use our existing, resilient gas infrastructure to serve our customers' future needs.

Lead by reducing our company's carbon footprint

Aim for net-zero direct greenhouse gas emissions (Scope 1) for electric co-generation from our steam system by 2040 and overall net-zero Scope 1 emissions from our operations by 2050, in support of New York State's climate goals.

Partner with our stakeholders

Enhance our collaboration with our customers and stakeholders to improve the quality of life of the neighborhoods we serve and live in, focusing on disadvantaged communities.



Building the Grid to Enable a Clean Energy Future

NY's Power Needs: Demand Forecasts

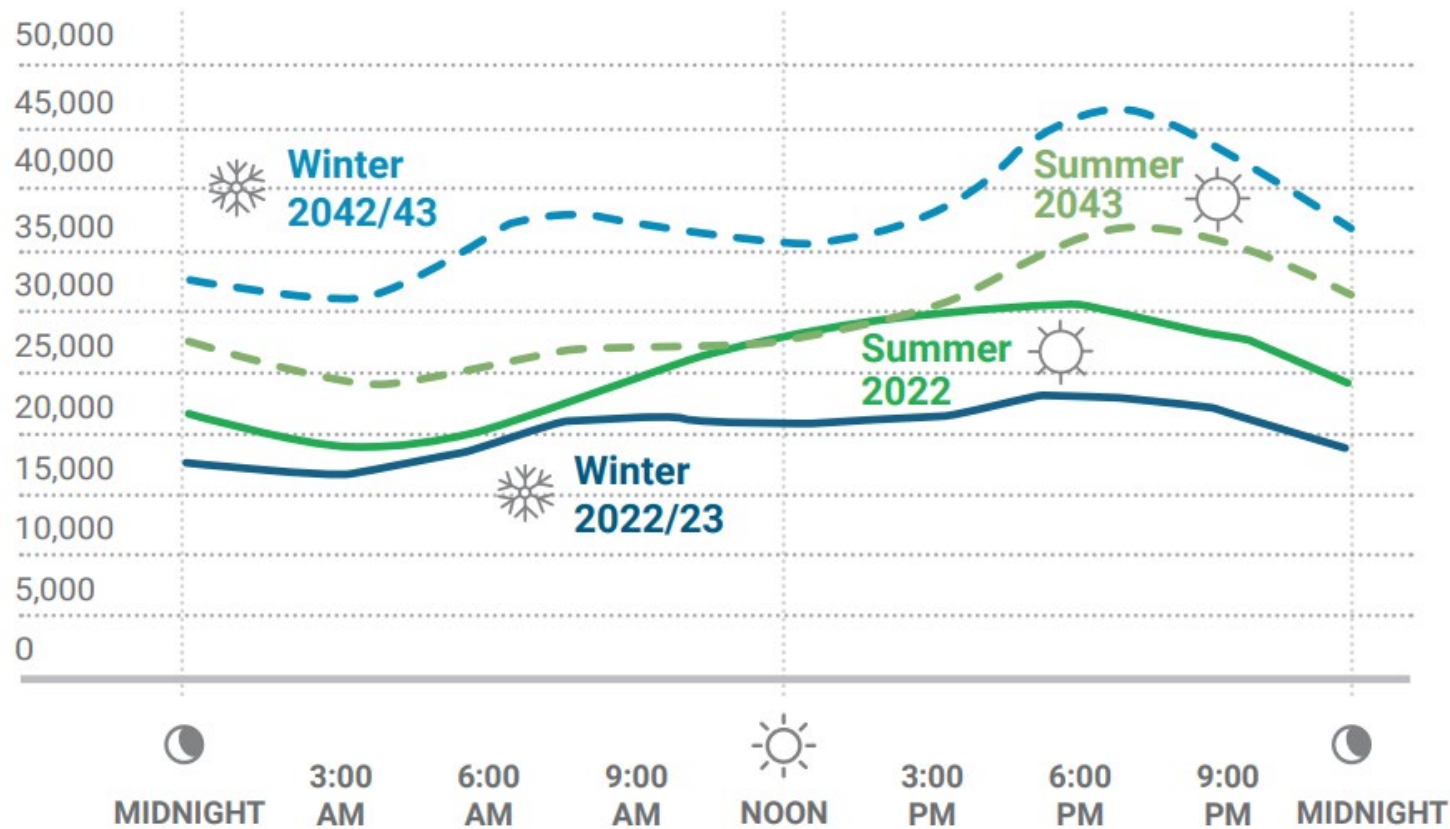
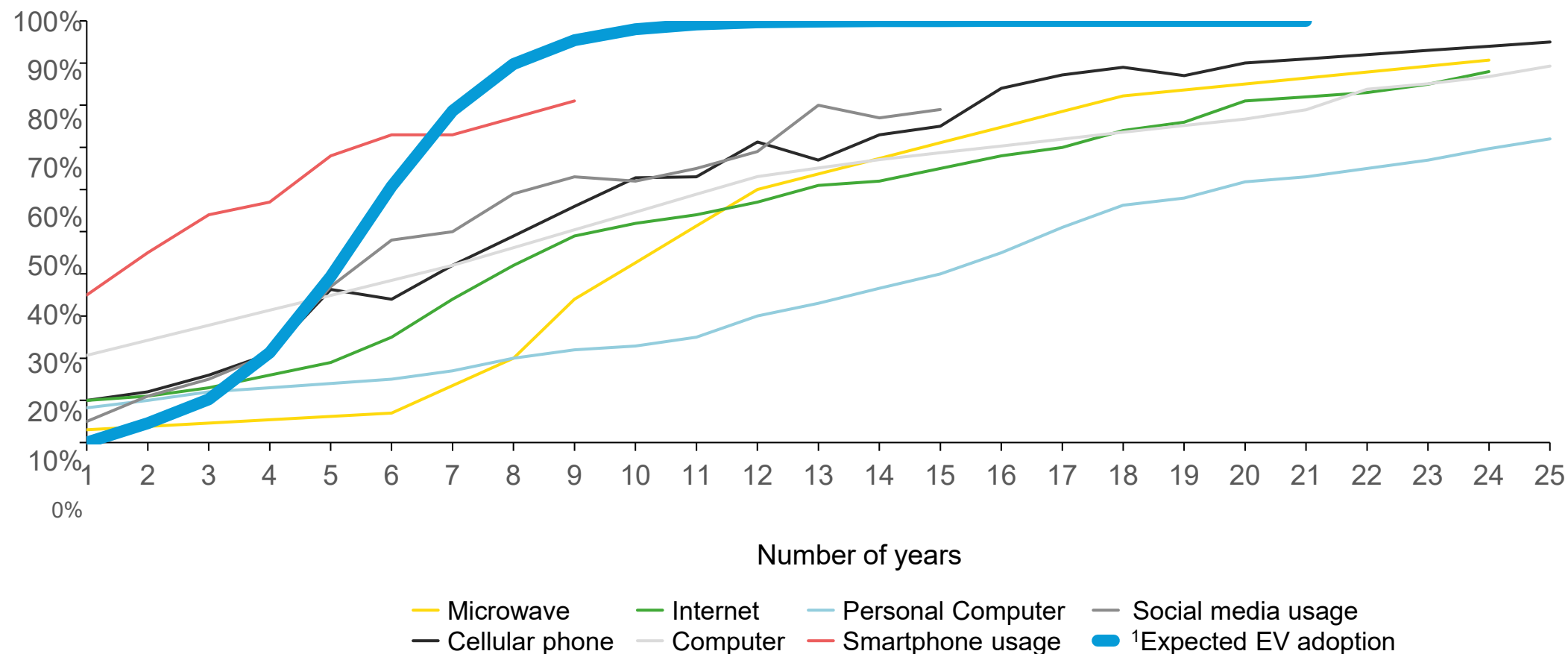


Chart from [NYISO 2023 Power Trends Report](#)

The Rapid Pace of EV Adoption Requires a Proactive Approach to Infrastructure Investment

Adoption curve for different technologies in the United States

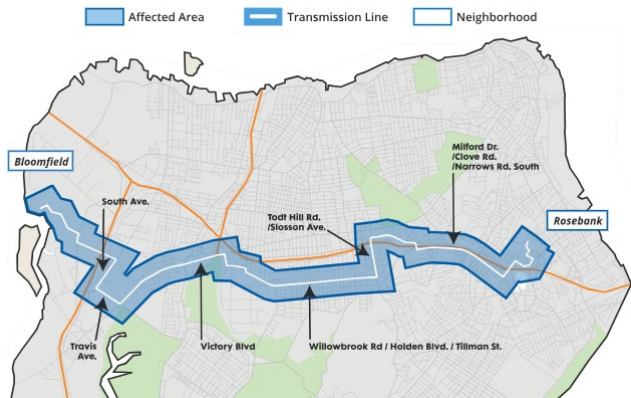


¹From Recurrent Auto Report that analyzed BCG articles published in 2018 (BCG: The Electric Car Tipping Point), 2020 (University of California Berkely: Plummeting Costs and Dramatic Improvements in Batteries can Accelerate our Clean Transportation Future), and 2022 (Electric Cars Are Finding Their Next Gear):

Source: Our World in Data, Bloomberg, Desk research

Con Edison's Energy Investments and Projects

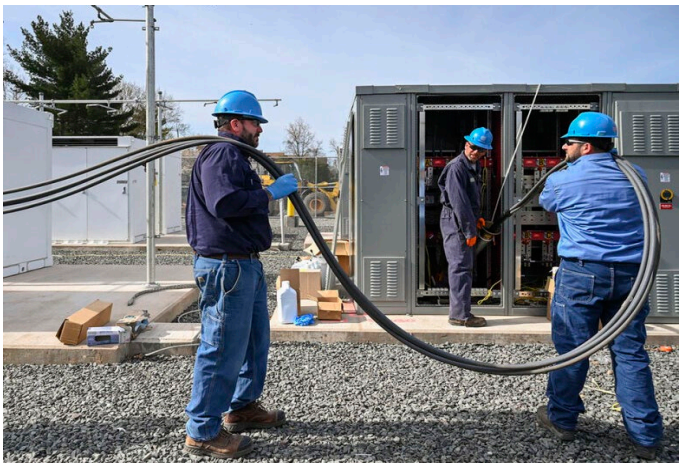
RCC - Staten Island



Brooklyn Clean Energy Hub



Fox Hills Substation



RCC - Brooklyn

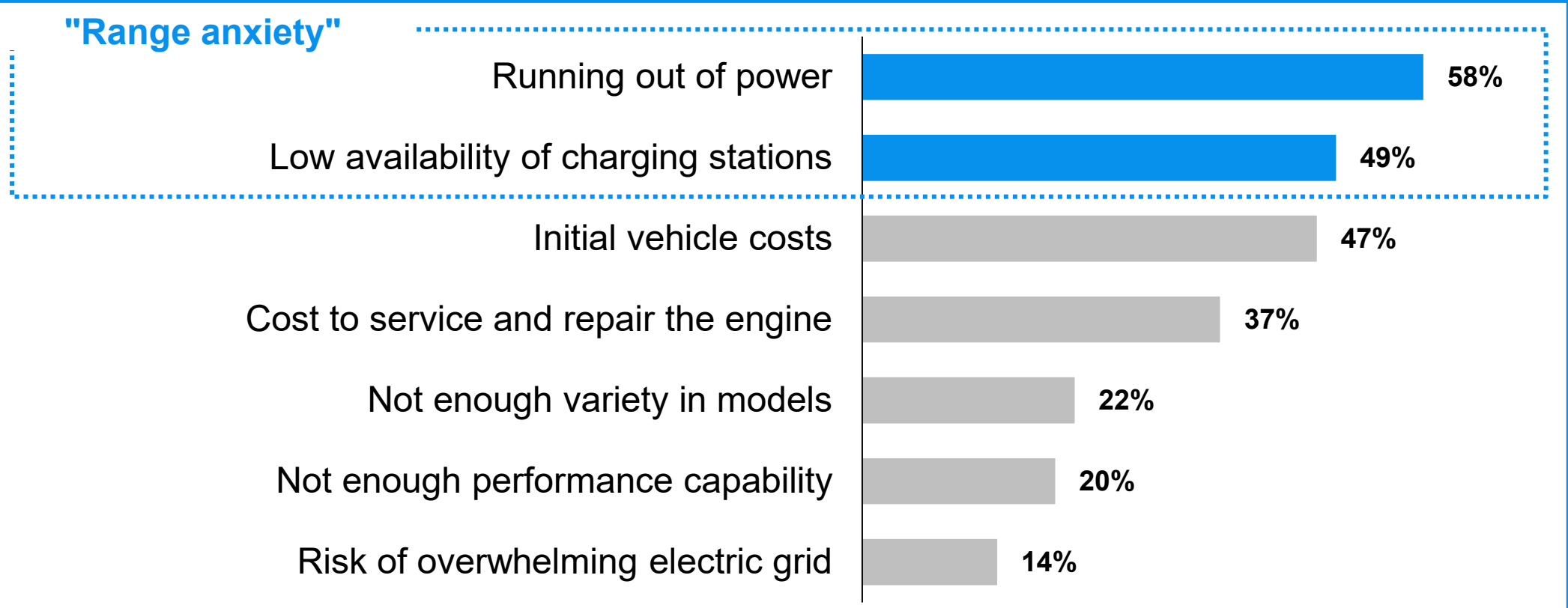


Supporting New York's Electric Vehicle Goals

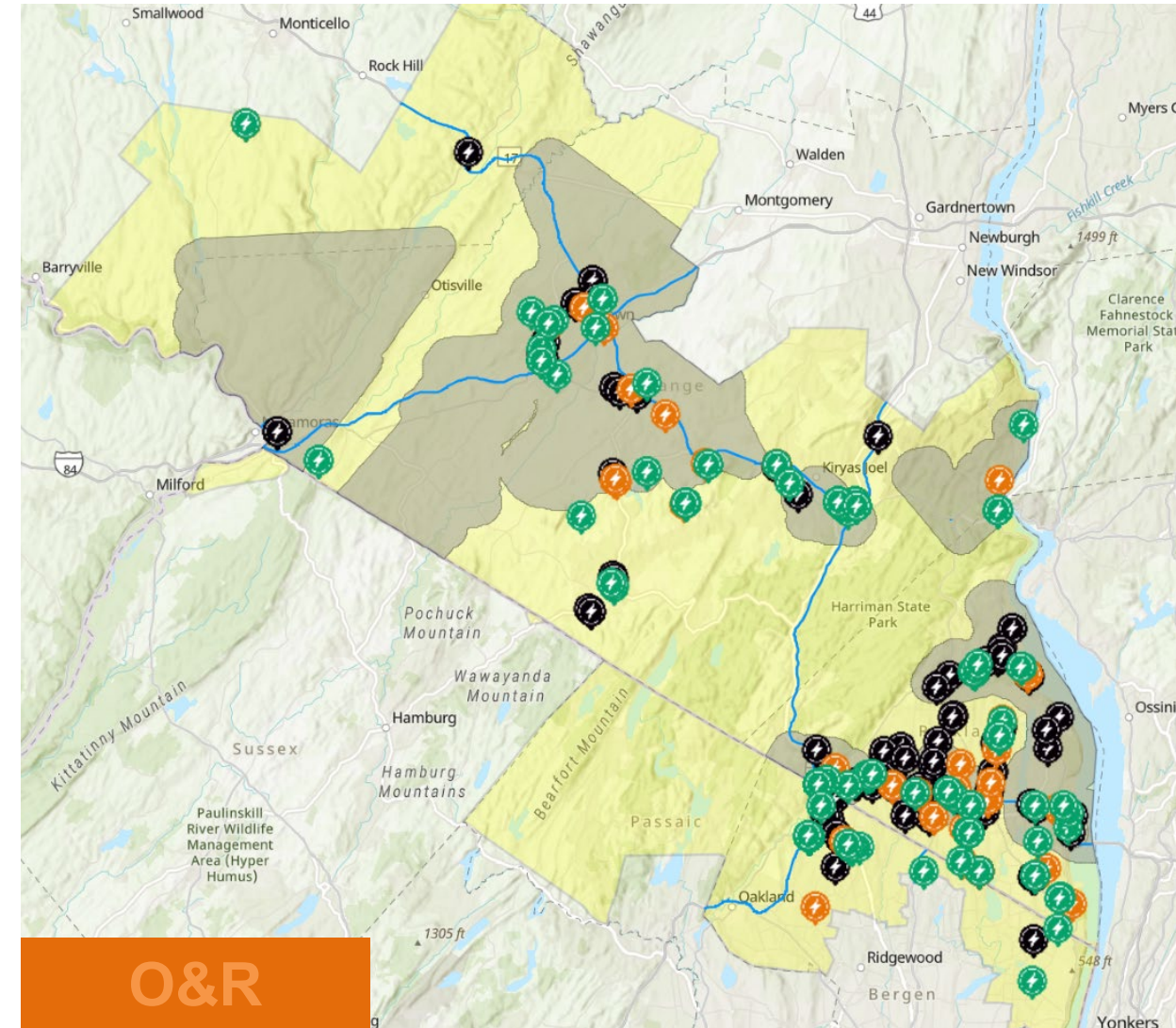
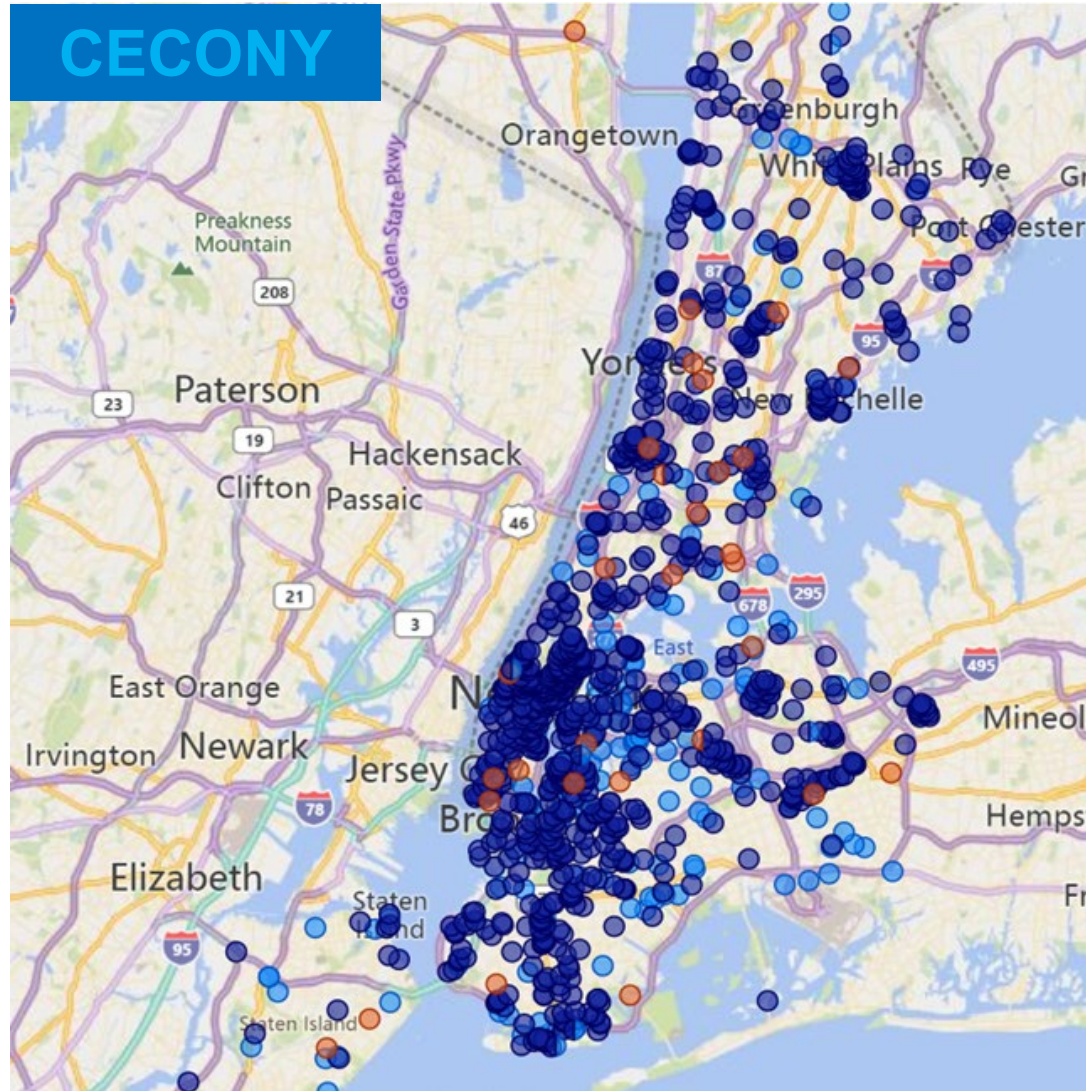


Increasing availability of EV charging is a vital solution to address barriers to EV adoption

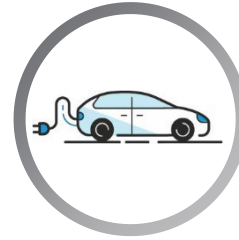
% of drivers who consider factor to be a purchase barrier



Active or Completed Chargers By Con Edison



Con Edison's E-Mobility Programs and Initiatives Overview



Light-Duty PowerReady Program



Medium-and Heavy-Duty Vehicles Pilot



SmartCharge Commercial



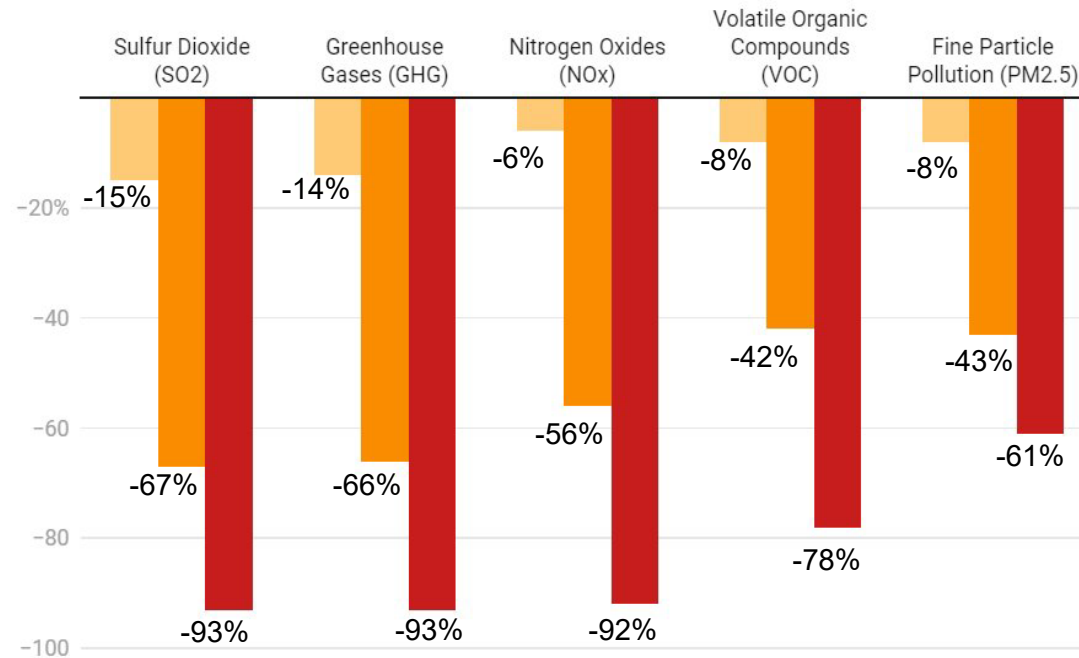
SmartCharge New York

Transformational Benefits and The Cost of Inaction

Projected U.S. pollution reduction from shift to EVs and clean energy

Percentage reduction for key pollutants with an accelerated shift to zero-emissions technologies

2030 2040 2050



The study assumes 100% sales of zero-emissions passenger vehicles by 2035 and medium- and heavy-duty trucks by 2040. It also assumes a transition to "non-combustion" energy generation.

Chart: Canary Media • Source: [American Lung Association, Zeroir](#)

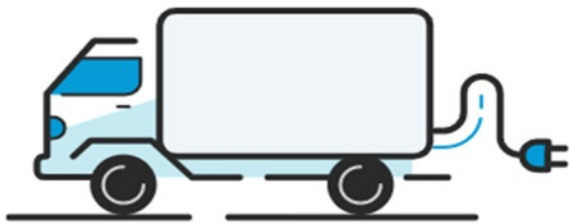
Chart from Lung Association Report

Reduction of pollutants equate to a savings of **\$1.2 trillion in public-health benefits.**

100,000 avoided premature deaths
3 million avoided asthma attacks
13 million lost workdays

Con Edison EV Advisory Services

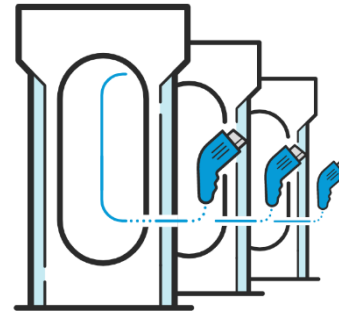
Con Edison's EV Advisory Service helps you understand the grid capacity where you operate, how to plan for any upgrades, and what electric rates may be best for you. You should engage with advisory services if you are:



**A Light, Medium,
Heavy Duty Fleet
Operator**



**A Developer unsure
of where to site your
next project**



**Interested in
installing a
charging hub**



**Unsure of where to
start on your EV
charging journey!**

Visit <https://Charging.Coned.Com>