



Constructing the Future of Energy

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About Con Edison



10 Million People Served

Electric, Steam, & Gas Customers

Consolidated Edison Company of New York, Inc. also includes:



SUSTAINABILITY JOURNEY

Con Edison has been committed to sustainability for more than two decades – we have learned from our challenges and are proud of our successes. We recognize that sustainability is a journey, and while we have achieved much, we continue to look for ways to improve and meet the needs of our stakeholders.

EPA's Gas Star Program:

1993

As a part of our commitment to reduce greenhouse gas emissions, Con Edison becomes one of the first American gas distribution utility companies to voluntarily join the EPA's Gas STAR Program to reduce fugitive methane emissions.



EPA WasteWise:

1996

Con Edison voluntarily joins more than 800 businesses and state and local governments to participate in the federal EPA WasteWise program to reduce municipal solid waste.



Energy Company of the Year:

2002

Con Edison is named Energy Company of the Year at the Global Energy Awards sponsored by Platts/Business Week. Criteria for the award are overall excellence in safety, the delivery of energy, customer care, technological innovation, and environmental concern.



Diversity & Incclusion:

2006

Con Edison ranked second in DiversityInc magazine's 2006 "Top 50 Companies for Diversity."



Sustainability Strategy and Communication:

2008

Sustainability Strategy first established and first Sustainability Report published.



Regional Greenhouse Gas Initiative (RGGI):

2009

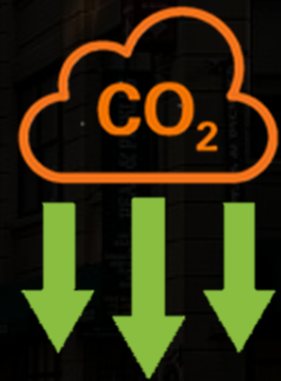
CECONY begins participation in first RGGI compliance period.



2020 GHG Emission Goal Achieved:

Exceeded our 2020 goal to reduce GHG
Emissions 40%.

2011



Moving Toward a Clean Energy Future:

2016 - current

Con Edison is leading the transition to a clean energy economy by investing in renewables, energy-efficiency programs for both electric and natural gas customers, and customer-focused power generation.



Customer Energy Solutions

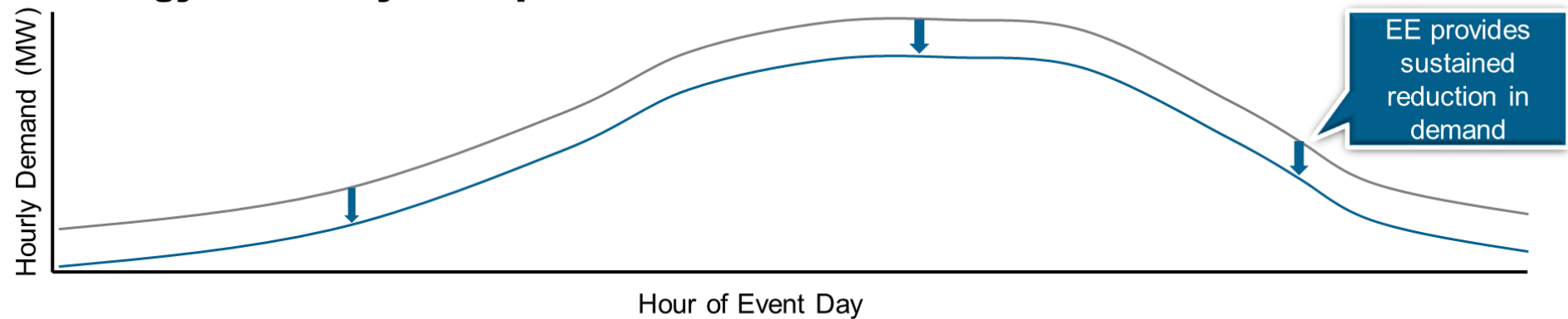


**Energy Efficiency &
Demand Management (EEDM)**

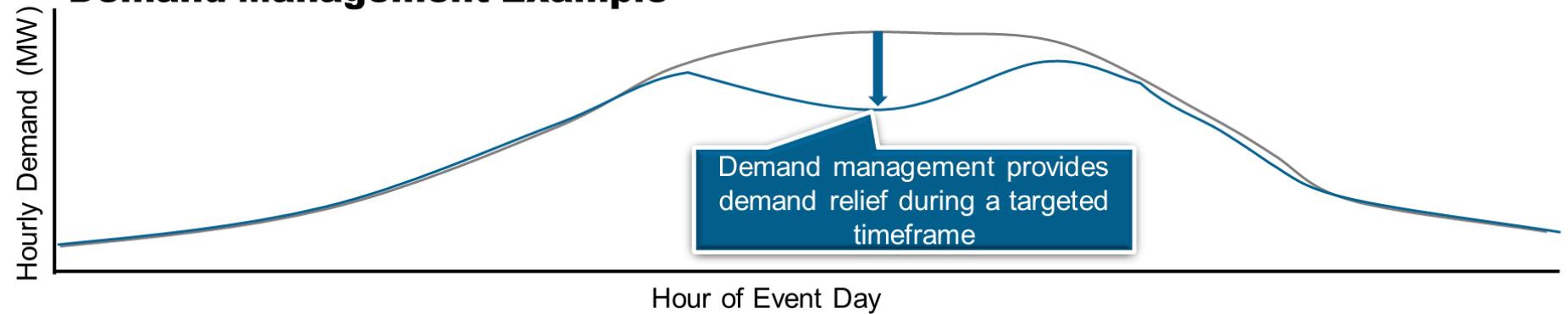
What is EEDM?

- Baseline
- Demand curve with EE or demand management

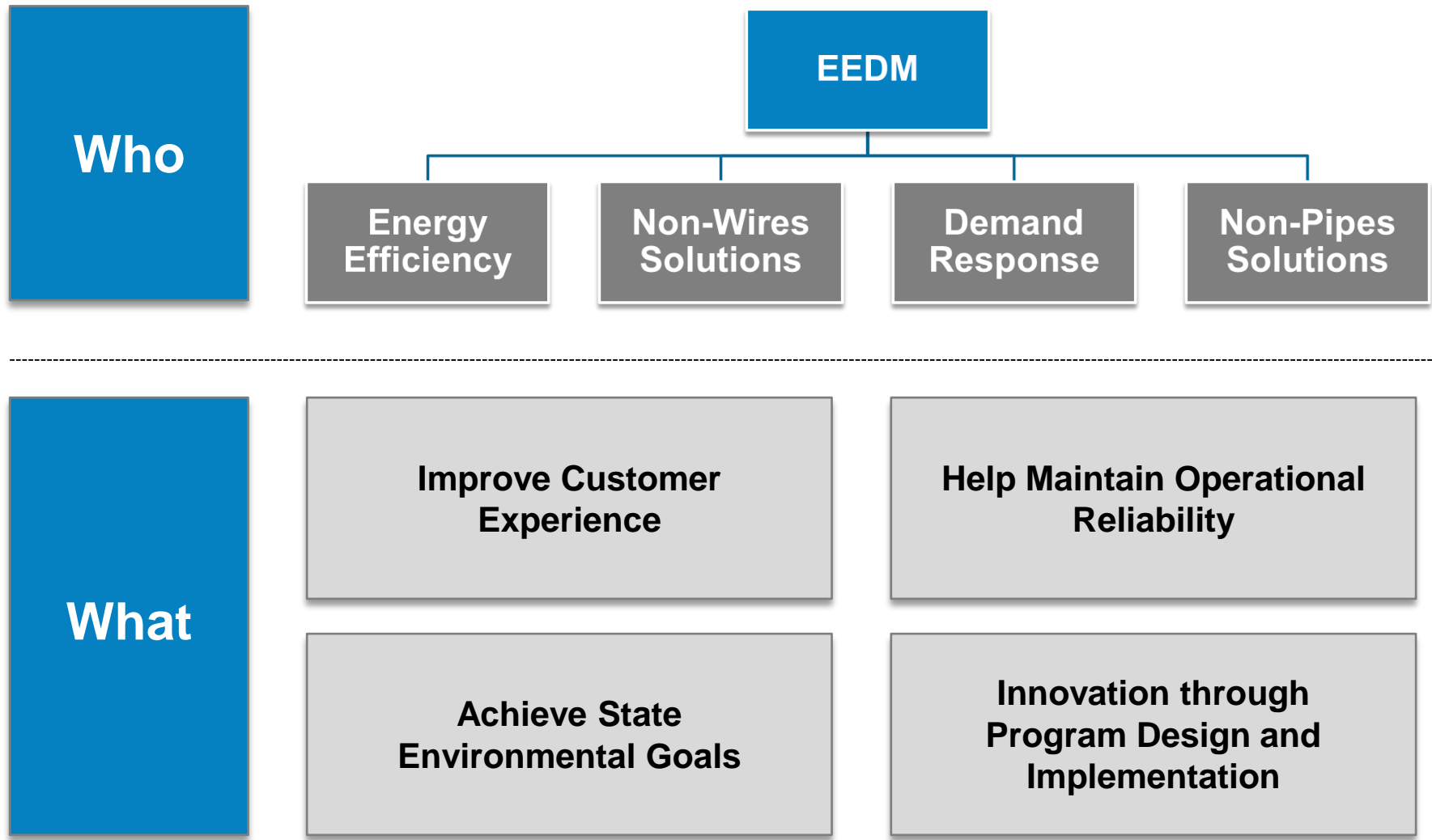
Energy Efficiency Example



Demand Management Example



Energy Efficiency & Demand Mgmt.



EEDM Value Propositions



Reduced Maintenance

- Longer-lasting equipment
- Require replacement less often



Increased Sales

- A more attractive shop can lead to more foot traffic and increased sales
- Better looking lights for a better looking business



Cool Factor

- Get the latest and greatest technology
- Peer influence: Keep up with other neighborhood businesses that are upgrading



Greater Good

- Do something good for the environment
- Particularly effective with Millennials

How Our EEDM Programs Work

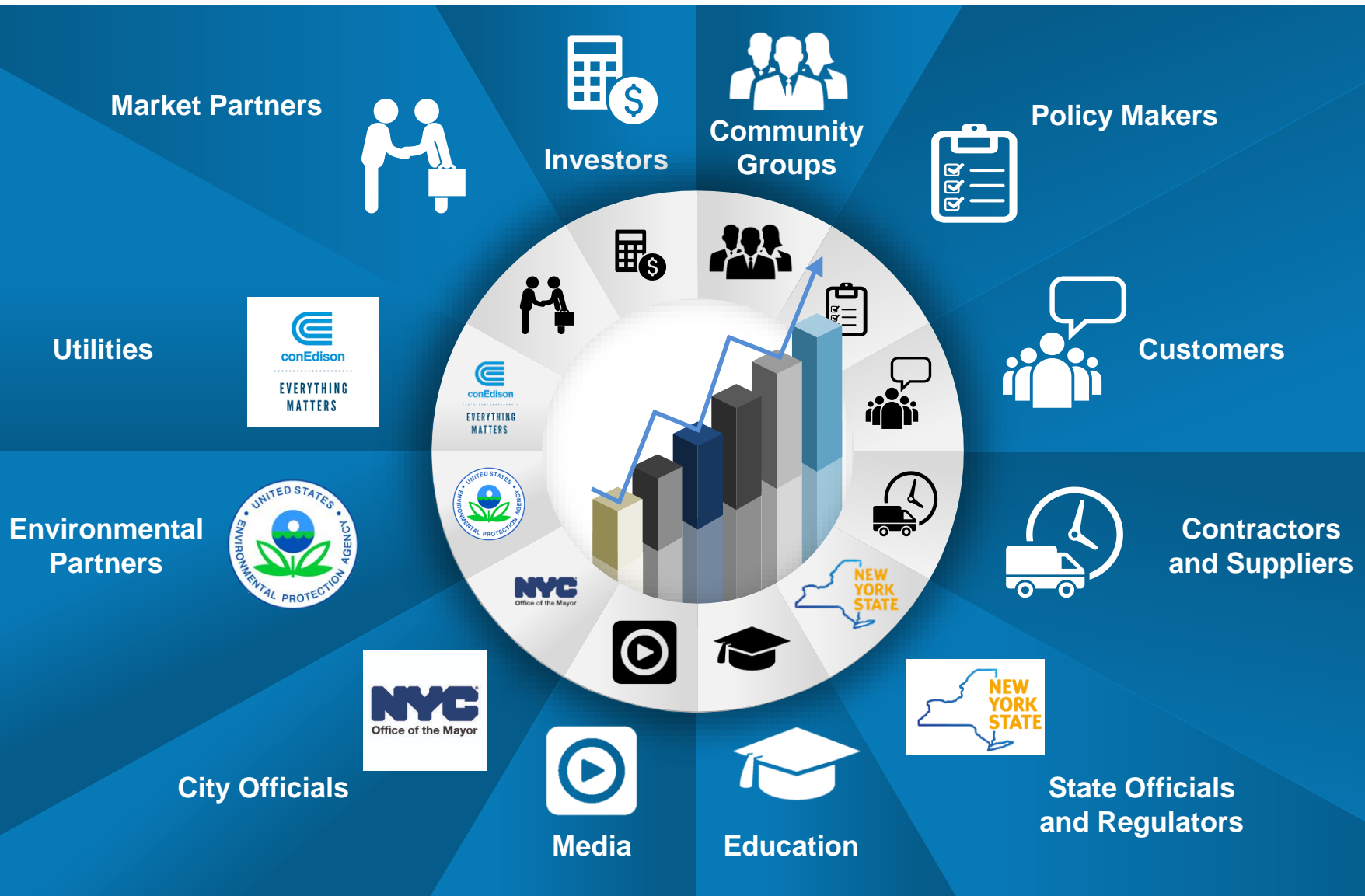
Portfolio Planning against Policy Objectives, Shareholder Incentives, and System Needs

Design Programs and Engage Customers, Contractors, Distributors, and Retailers

Offer Financial Incentives to Bridge the Gap to More Expensive, Efficient Equipment

Evaluate Program Performance

Stakeholders

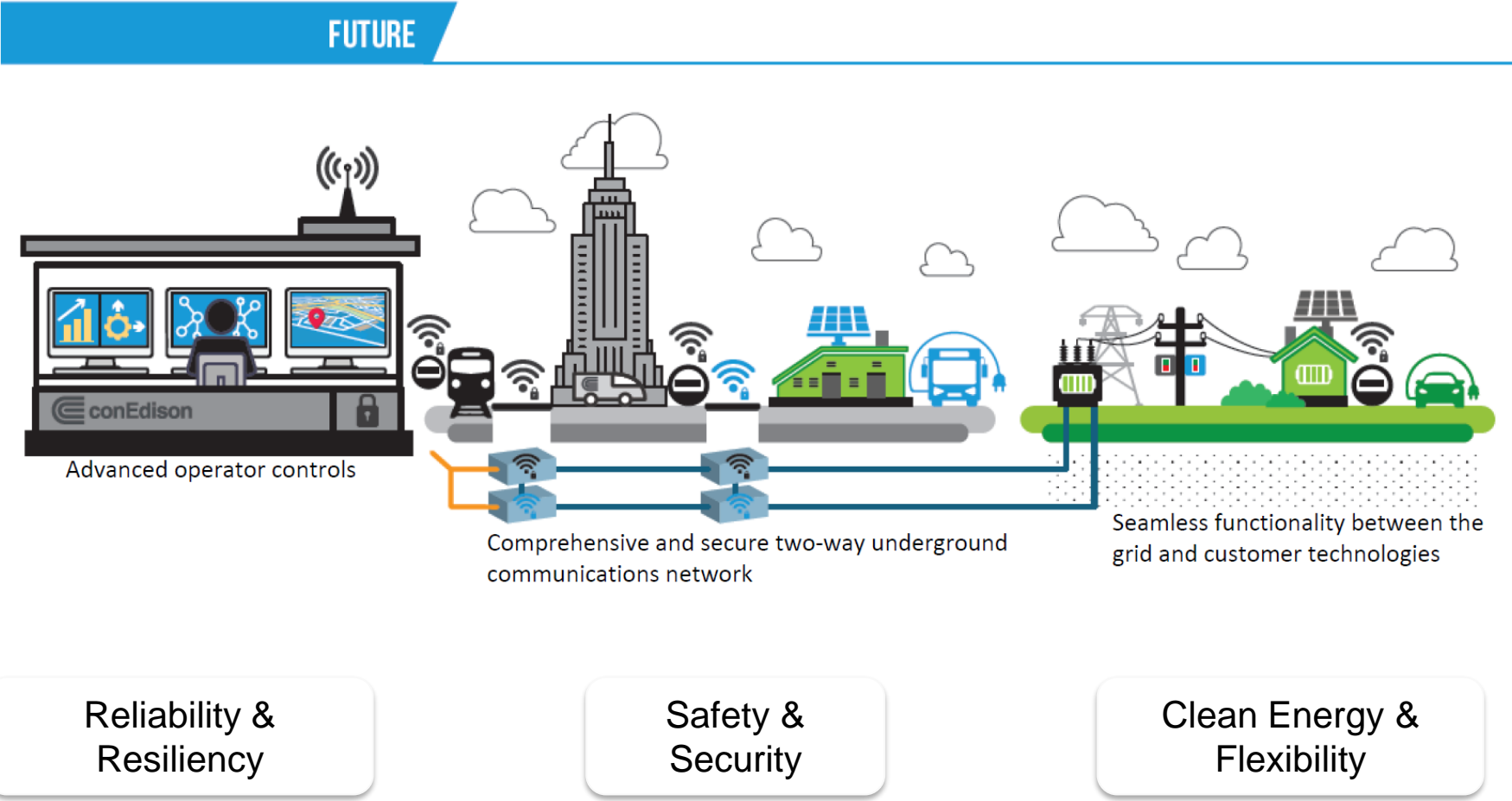


State and City Policies that Impact EEDM

- New York State goals
 - 85% reduction in greenhouse gas emissions by 2050 across all sectors (85x50)
 - Annual new electricity energy efficiency at 3% of sales by 2025
- New Efficiency: New York Order (“NENY”)
 - Order based on New York State’s 40% reduction in GHG emissions by 2030 goal
 - Outlines 6 year EE budgets and goals for all JU utilities

Con Edison's Clean Energy Future

Figure 20: Con Edison's Future Grid



**Con Edison Distributed System Implementation Plan (DSIP)*

Integrating Distributed Energy Resources



SMART CITY USE CASES



SMART PARKING



WEATHER SENSORS



DIGITAL SIGNAGE



ACOUSTIC SENSORS



WATER & GAS METERING



TRAFFIC LIGHTS & CONTROLS



ELECTRIC VEHICLE CHARGING



SOLAR INVERTERS



SECURITY AND SURVEILLANCE



WASTE MANAGEMENT

“To deliver clean, resilient, and equitable cities the most pressing issue to collaboratively solve is being inclusive of the near-term and future needs of all stakeholders supporting our clean energy future.”

- SHAUN A HOYTE

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MARIPOSA SYMPHONY ORCHESTRA

References

- [Link: EEDM](#)
- [Link: Tech & Innovation](#)
- [Link: Natural Gas Efficiency & Alternatives](#)

The screenshot shows the top navigation bar of the ConEdison website. The logo is on the left, followed by menu items: 'Account & Billing', 'Services & Outages', 'Save Energy & Money', and 'Our Energy Future'. On the right, there are buttons for 'Search' and 'Log In or Register'. Below the navigation bar, the breadcrumb trail reads 'Home / Save With Rebates and Incentives'. The main heading is 'Save With Rebates and Incentives', followed by a sub-heading 'Whether you're a renter, homeowner, or business owner, you'll find easy, energy efficiency incentives that are good for the grid, and great for your wallet.' Below this are three promotional cards: 'Savings for Renters and Homeowners', 'Savings for Multifamily Buildings', and 'Savings for Business Customers', each with a 'FIND SAVINGS' button.

conEdison

Account & Billing | Services & Outages | Save Energy & Money | Our Energy Future

Search | Log In or Register

Home / Save With Rebates and Incentives

Save With Rebates and Incentives

Whether you're a renter, homeowner, or business owner, you'll find easy, energy efficiency incentives that are good for the grid, and great for your wallet.

Savings for Renters and Homeowners

See how much you could save this year by making your home more energy efficient.

[FIND SAVINGS](#)

Savings for Multifamily Buildings

Find energy-saving measures that could bring down costs in your building.

[FIND SAVINGS](#)

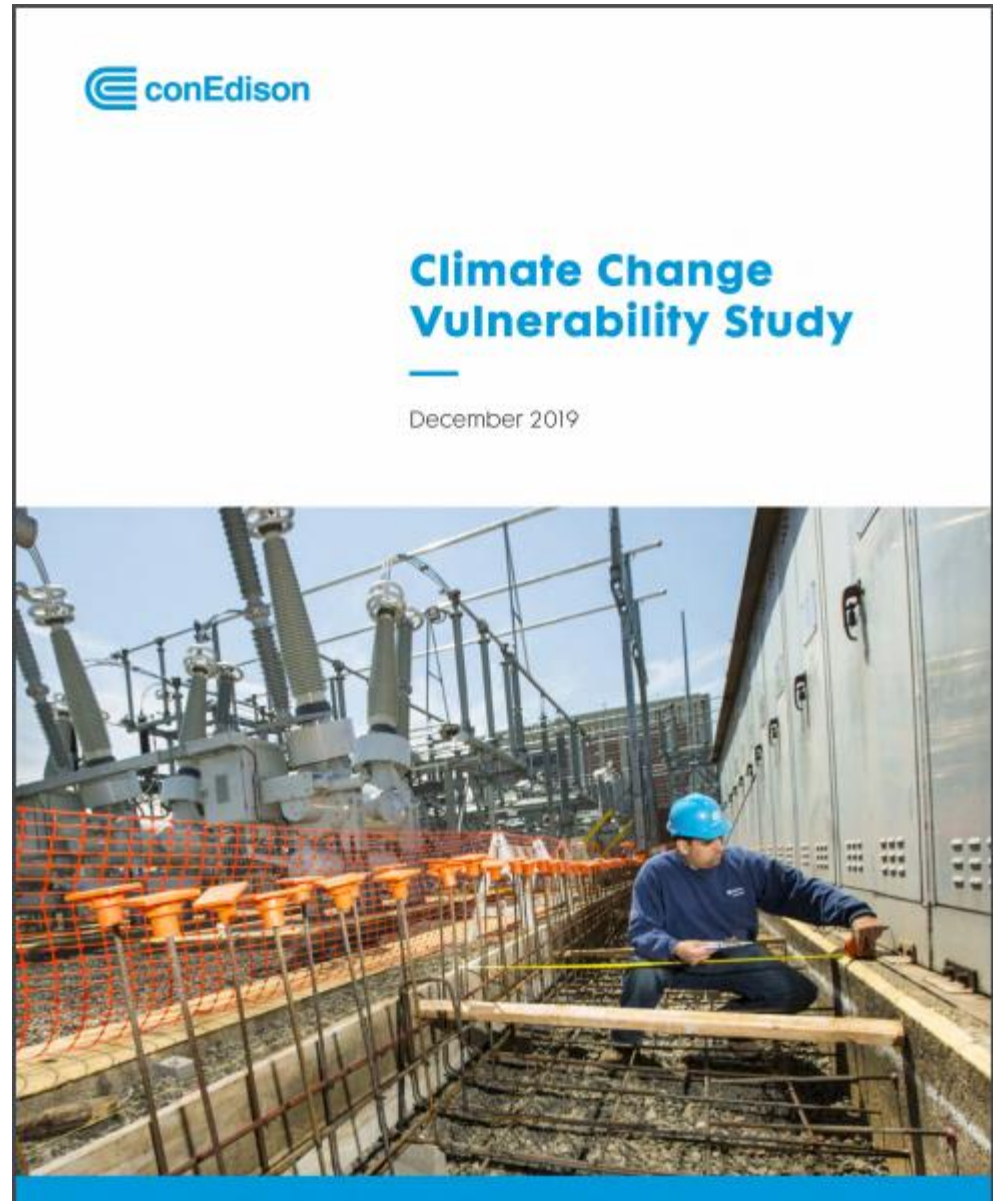
Savings for Business Customers

See ways your business could become more profitable.

[FIND SAVINGS](#)

References

- [Link: Climate Change Vulnerability Study](#)
- [Link: Sustainability Reports](#)
- [Link: Clean Energy Vision](#)



References

[Link: Long Range Plan \(Electric\)](#)

[Link: Long Range Plan \(Gas\)](#)

[Link: Long Range Plan \(Steam\)](#)

