

Energy Efficiency and Building Electrification in NYC Through 2030

Toby Hyde & Laziza Rakhimova

NESEA

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Who we are

- We deliver electricity, gas, and steam to 10 million people. That's about 44% of New York State's electricity needs.
- Our electric system is the most reliable in the U.S.
- We provide natural gas to 1.2 million customers.
- We operate the largest steam distribution system in the U.S.



O&R Customers



ELECTRIC & GAS

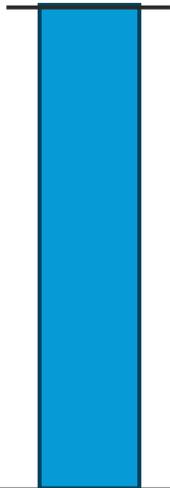
ConEd Customers



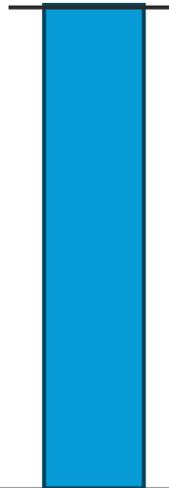
ELECTRIC, GAS, & STEAM

Our Clean Energy Commitment: 5 Pillars

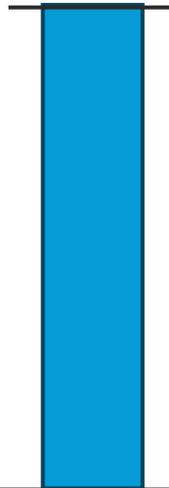
Build the grid of the future



Empower all of our customers to meet their climate goals



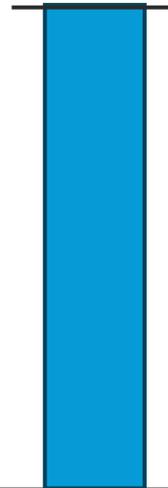
Reimagine the gas system



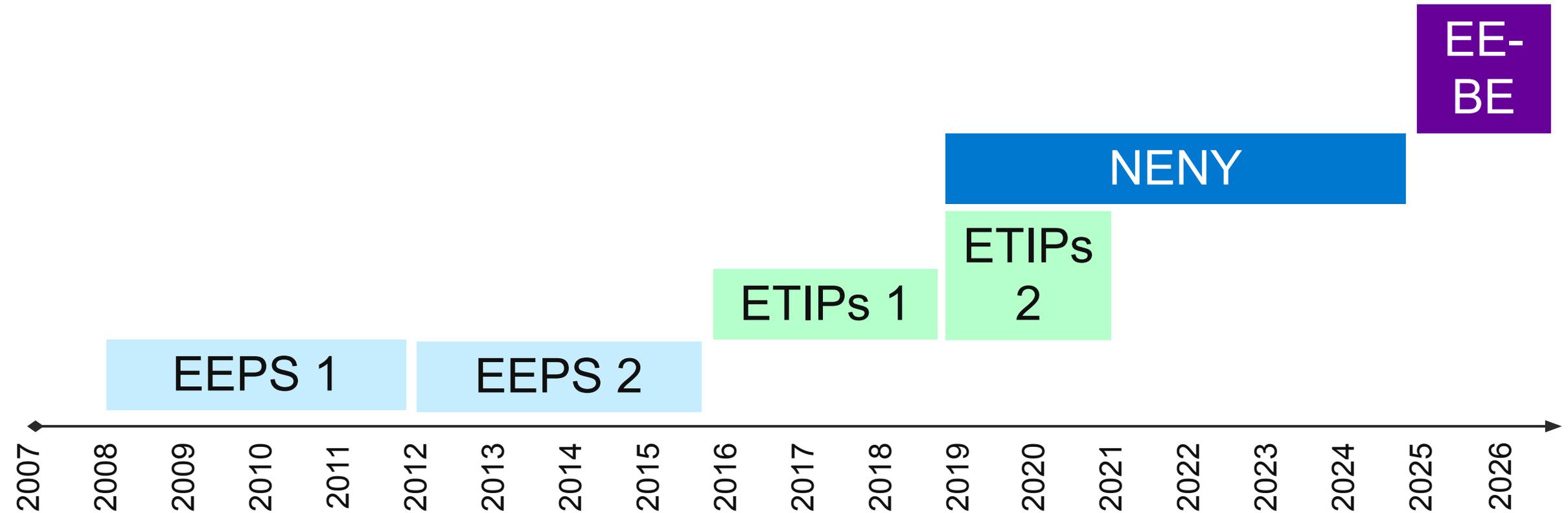
Partner with our stakeholders



Lead by reducing our company's carbon footprint



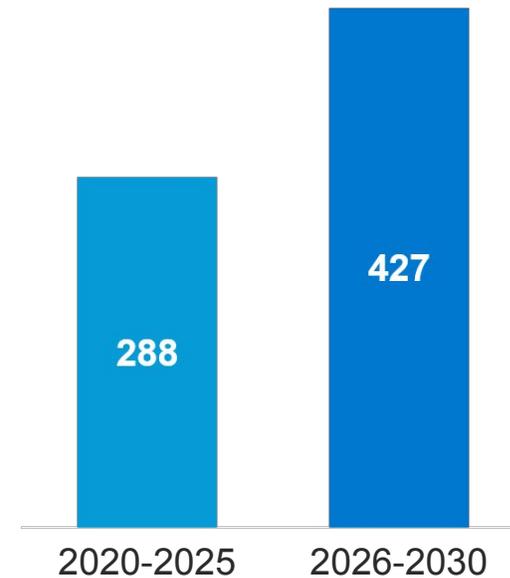
Almost 20 years of success running Energy Efficiency (EE) programs



Energy Efficiency/Building Electrification (EE/BE) Portfolio (2026-2030)

- May 2025 LMI and Non-LMI Orders set funding and program delivery frameworks for 2026-30
- The Commission sought to “*balance achievement of the State’s climate policy objectives with our primary mission of ensuring just and reasonable rates.*”
- Authorized budgets
 - \$5B across the state, \$1B annually
 - \$2.1B for Con Edison

Con Edison Average Annual EE/BE Program Spend Authorization¹ (\$M)



1) 2026-2030 include labor spend as part of program budgets

2025 EE/BE Orders focus areas

Affordability

Strategic Framework

Collaborative model with defined roles for utilities and
NYSERDA

Budget Management

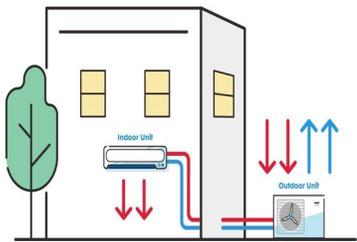
EE/BE Portfolio priorities

Weatherization



- Foundational to managing future grid demand
- Order sets minimum overall spending limits (25% of electric and 50% of gas budgets)
- New Regional Weatherization Program for downstate residential customers

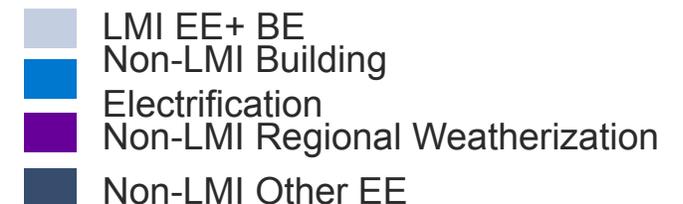
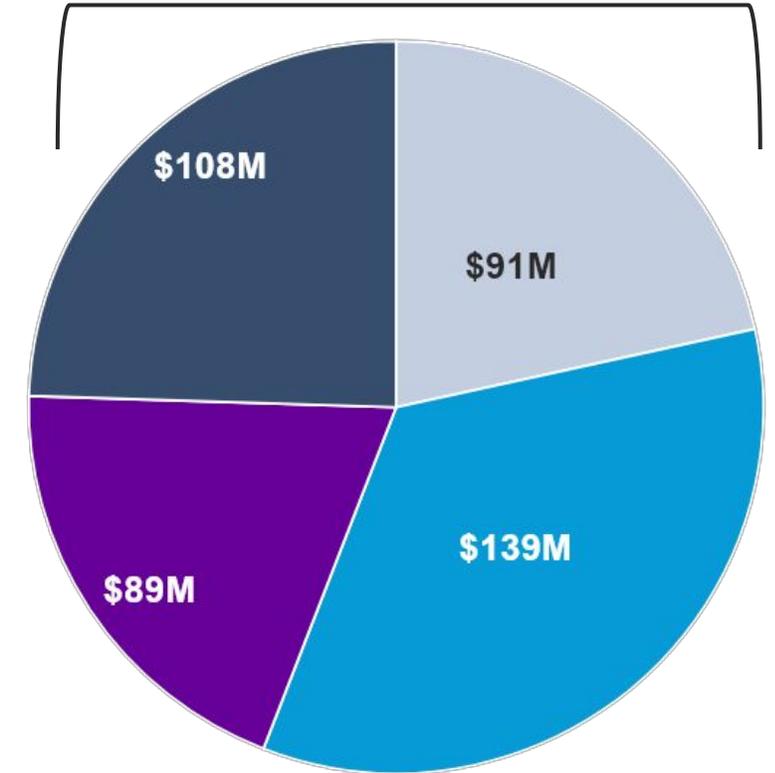
Building Electrification



- Electrifying buildings is vital to achieving State and City decarbonization goals
- Order sets maximum spending at 50% of electric budget

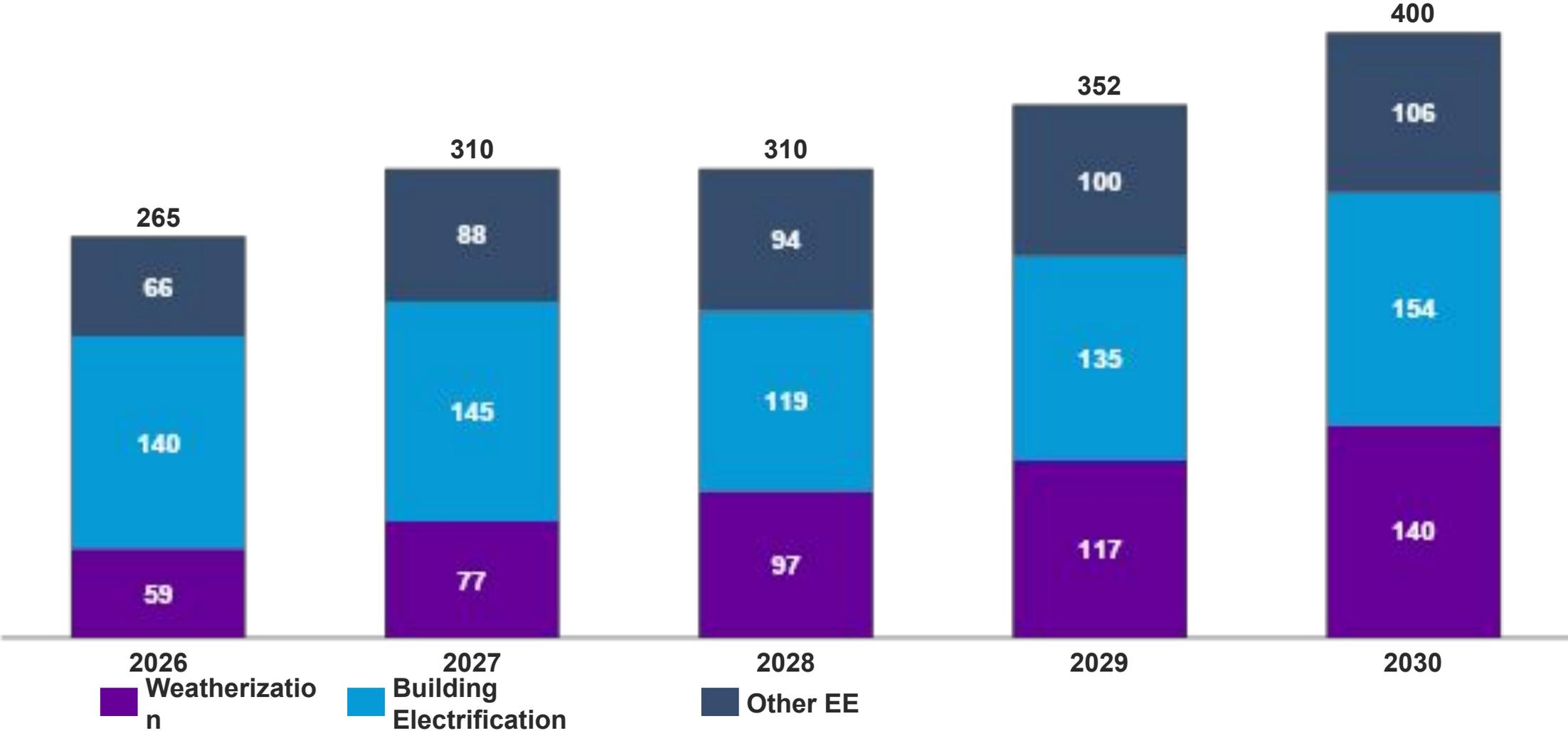
Authorized Average Annual Spend

\$428M



Weatherization grows every year

Con Edison Non-LMI Annual Portfolio Model by Sub-Portfolio (\$M)



Sectoral approach to EE/BE program implementation

Residential
(1-4 units)



Multifamily
(5 units and above)



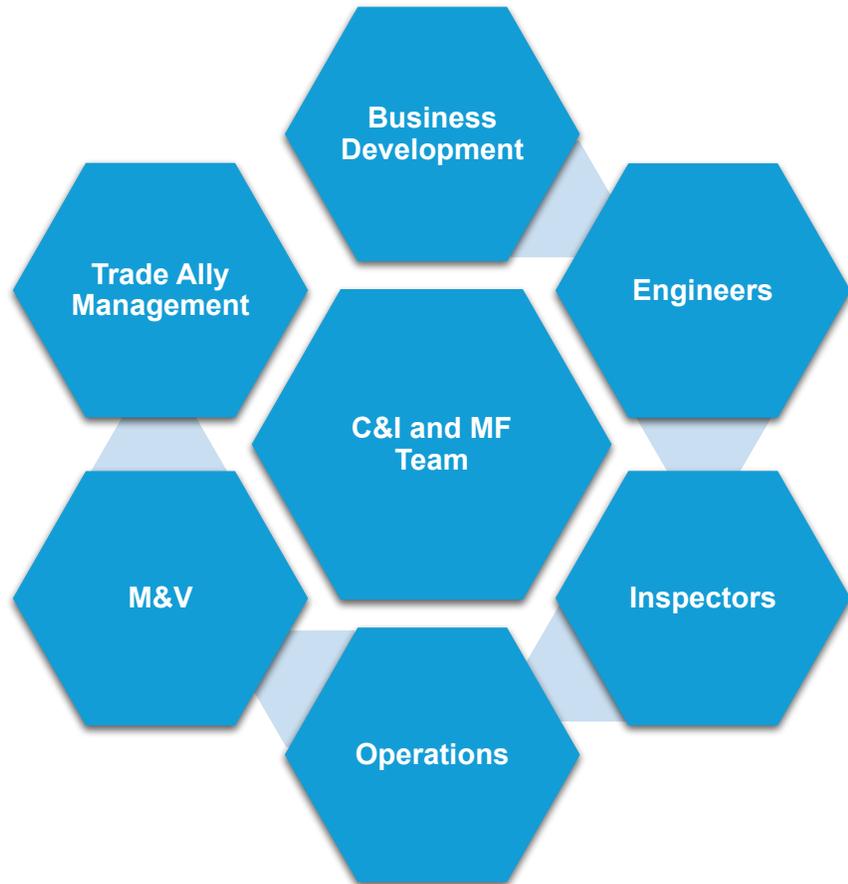
Commercial & Industrial
(100 kW and above)



Small Business & Non-Profits
(300 kW and under)



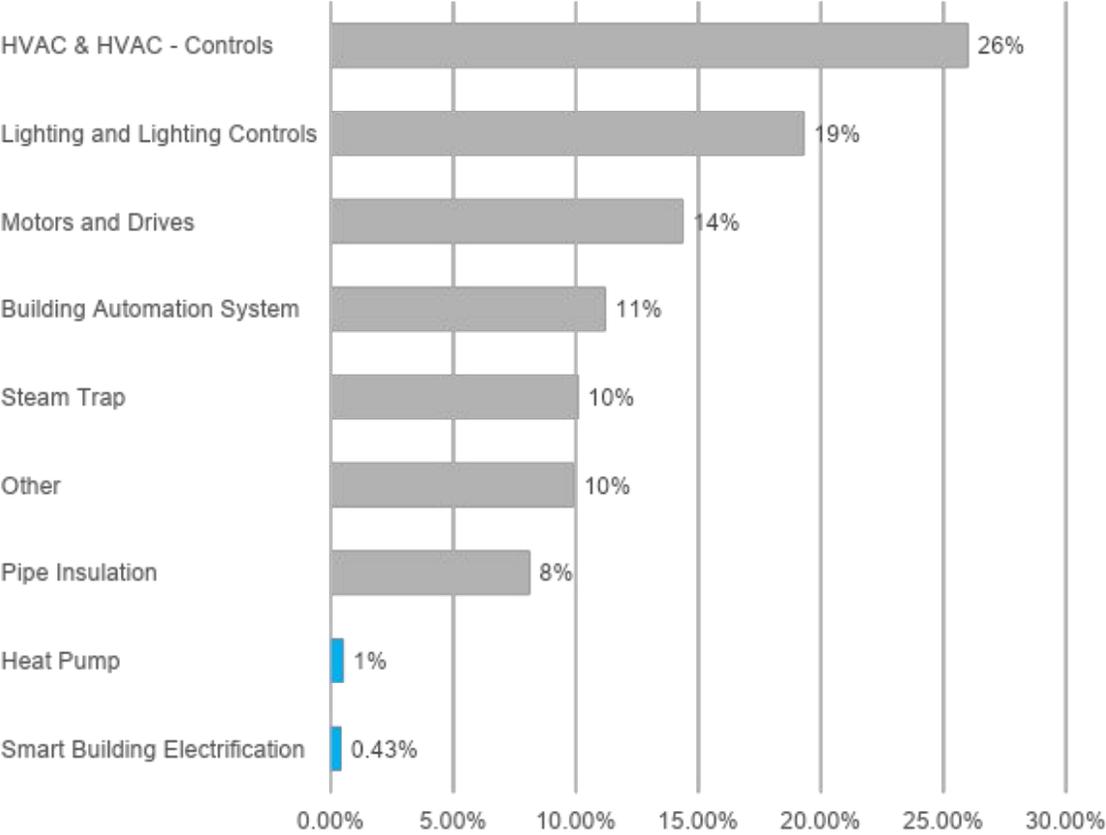
In-house teams to support C&I and Multifamily



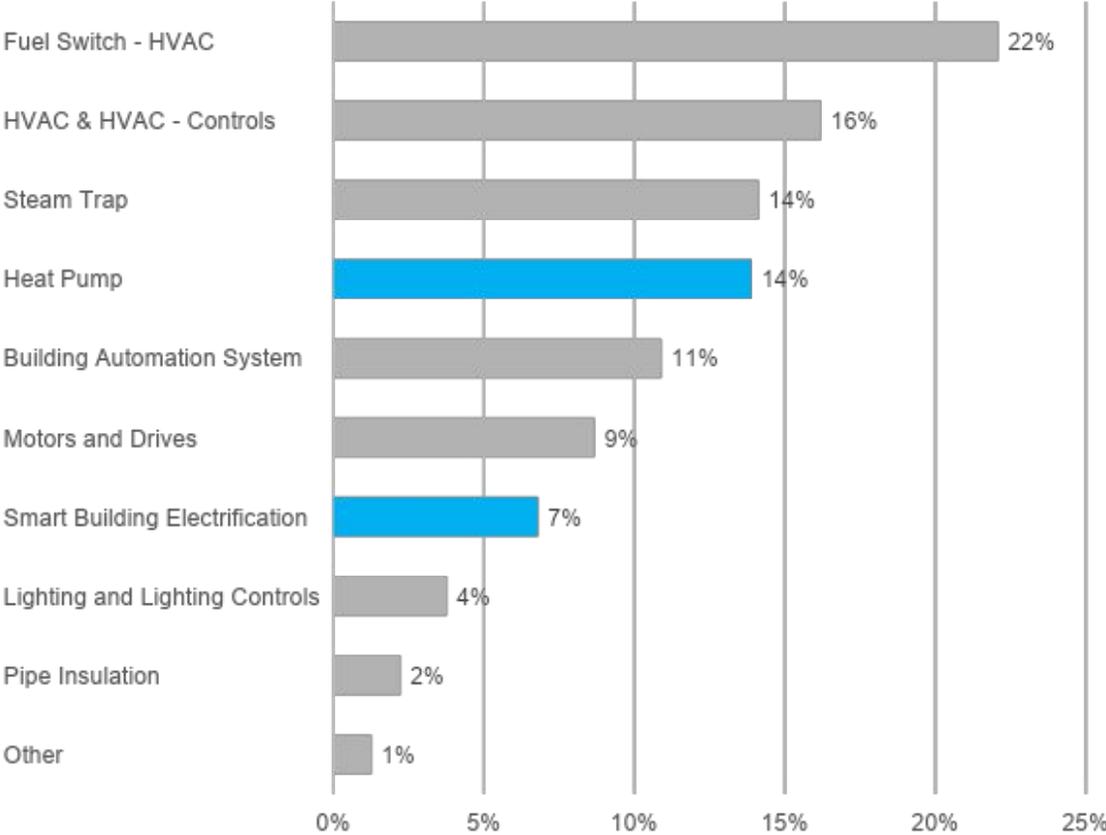
- A versatile, multifunctional team dedicated to supporting our customers.
- We collaborate across disciplines — from business development and trade ally management to engineering and operations — ensuring every customer receives the support needed to achieve energy efficiency goals.

C&I Portfolio evolution 2020 to 2024

2020 C&I Measure Mix



2024 C&I Measure Mix



2026-30: Support for EE with a focus on building electrification and envelope

Growing

Building Electrification

Building Envelope

Traditional Energy Efficiency Measures

Phasing Out



Lighting



Steam Trap Replacement

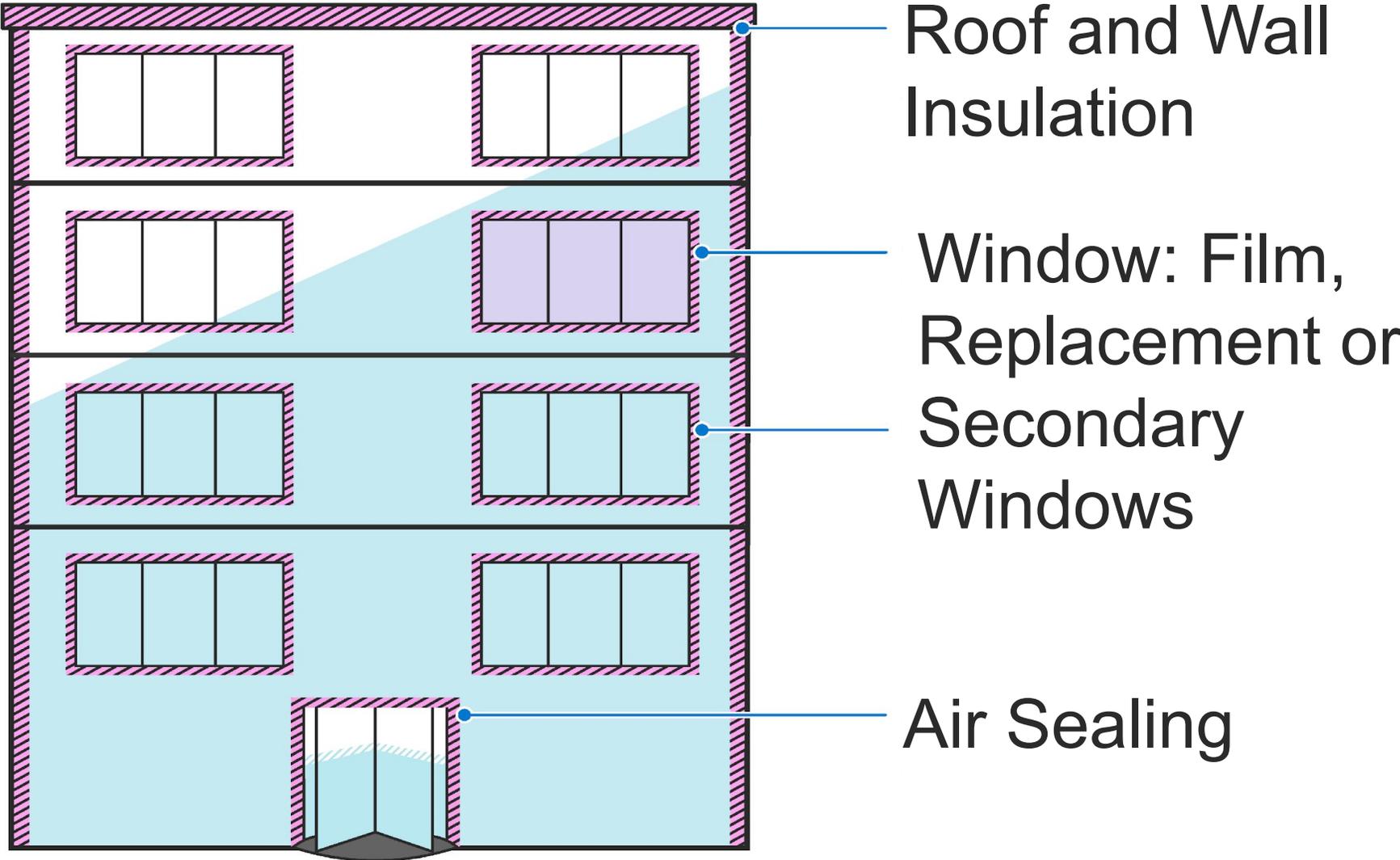


Freezer & Door Gaskets
Night Covers



Boiler & Chiller Tune-Ups

Measure Focus: Building Envelope



Case Studies



C&I Window Insert Project

Overview

- 52-story, 750,000 sf office building in Manhattan
- Inserts create an airtight, insulating barrier that eliminate drafts and reduce heat transfer
- The insulating air pocket can block up to 70% of outside noise

Highlights

Total Project Cost:

\$3,417,253

Con Edison Incentive:

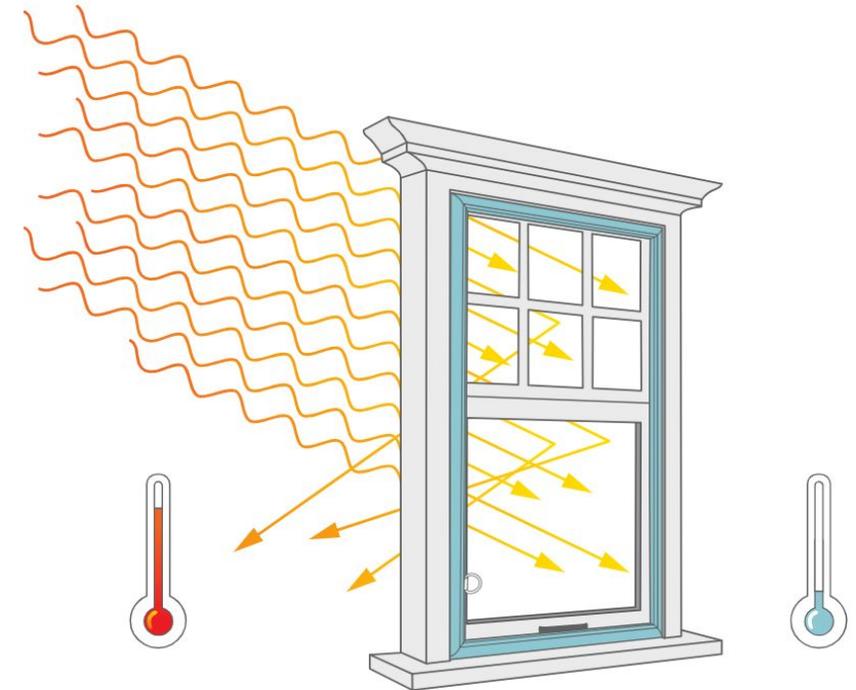
\$1,773,173

Est. Annual Energy Savings (kWh):

2,103.07

Est. Annual Steam Savings (Mlbs):

6,844



*Incentives may have changed since this project was completed. Visit our website for current incentives.

C&I Exterior Solar Window Film Project

Overview

- 33-story office building located in New York City
- Window films blocked solar heat lowering cooling and heating costs.

Highlights

Total Project Cost:

\$2,209,768

Con Edison Incentive:

\$653,791

% of Project Cost Covered by Con Edison:

30%

Est. Annual Energy Savings (kWh):

390,000

Est. Annual Steam Savings (Mlbs):

2,737



*Incentives may have changed since this project was completed. Visit our website for current incentives.

DOE Study: Secondary glazing works

Modeled Heating Energy Savings in Three Retrofit Configurations
COMFEN results compared to base configuration of single pane + bronze film



gsa.gov/gpg gpg@gsa.gov

Multifamily Roof Insulation Project

Overview

- 147 Unit (22,000 sq.ft.) Bronx Apartment
- Roof Insulation

Highlights

Total Project Cost:

\$294,530.31

Con Edison Incentive:

\$250,350.76

Est. Annual Energy Savings (therms):

13,955

Customer Payback Period:

2.2 years



*Incentives may have changed since this project was completed. Visit our website for current incentives.

Multifamily Electrification in a Co-Op

Overview

- 110 Unit (158,413 sq. ft.) Co-Op in Manhattan
- Swapped steam system for heat pumps
- Energy recovery during summer for domestic hot water (DHW)
- Reduces energy by 60% and GHG by 36%

Highlights

Total Project Cost:

\$3,112,000

Con Edison Incentive:

\$1,000,000

Project Cost
Covered by Con
Edison:

32%

NYSERDA Incentive:

\$154,000



*Incentives may have changed since this project was completed.
Visit our website for current incentives.

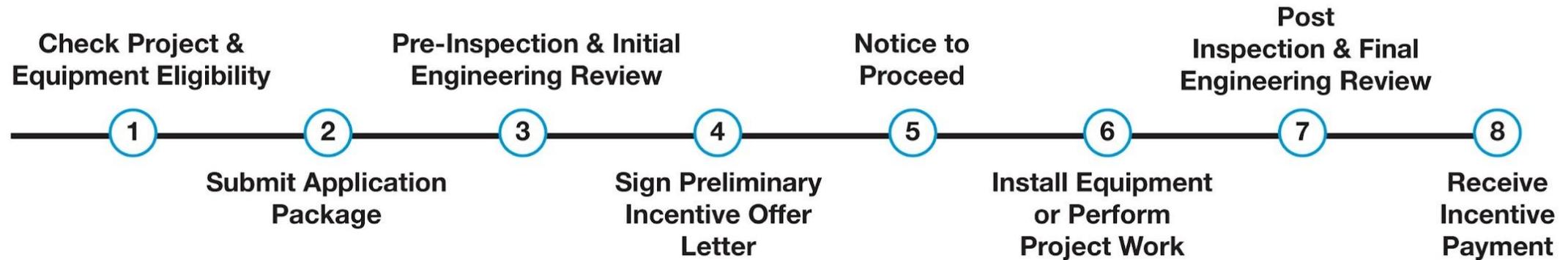
Commercial & Multifamily Geothermal Heat Pumps

Con Edison's Commercial & Multifamily Geothermal program has provided more than \$25M for large geothermal heat pump projects since 2020.

Project Name	Details
1 Java Street	Full-load space heating, cooling and domestic hot water for a 834-unit, new construction, high-rise multifamily development in Greenpoint, Brooklyn
555 Greenwich Street	Space heating and cooling for a 270,000 square foot, new construction office building in Hudson Square.
The Beresford, Central Park West	Space heating and cooling retrofit of a historic co-op in the Upper West Side.
SJU's Health Sciences Center	Full-load space heating and cooling for St. John's University new Health Sciences Center



C&I and Multifamily EE/BE Program Process



**Large Projects, Complex Projects, New Tech Projects often undergo Measurement and Verification to produce more accurate savings estimates*

Toby Hyde

hydet@coned.com

(917) 565-6911

Laziza Rakhimova

rakhimal@coned.com

(347) 380-0854