



BQDM Prescriptive Energy Storage Program
Non-Wires Solutions Program Launch Webinar
July 28, 2022



Agenda

Introduction

- Non-Wires Solutions
- Brooklyn Queens Demand Management (BQDM)

Program Details

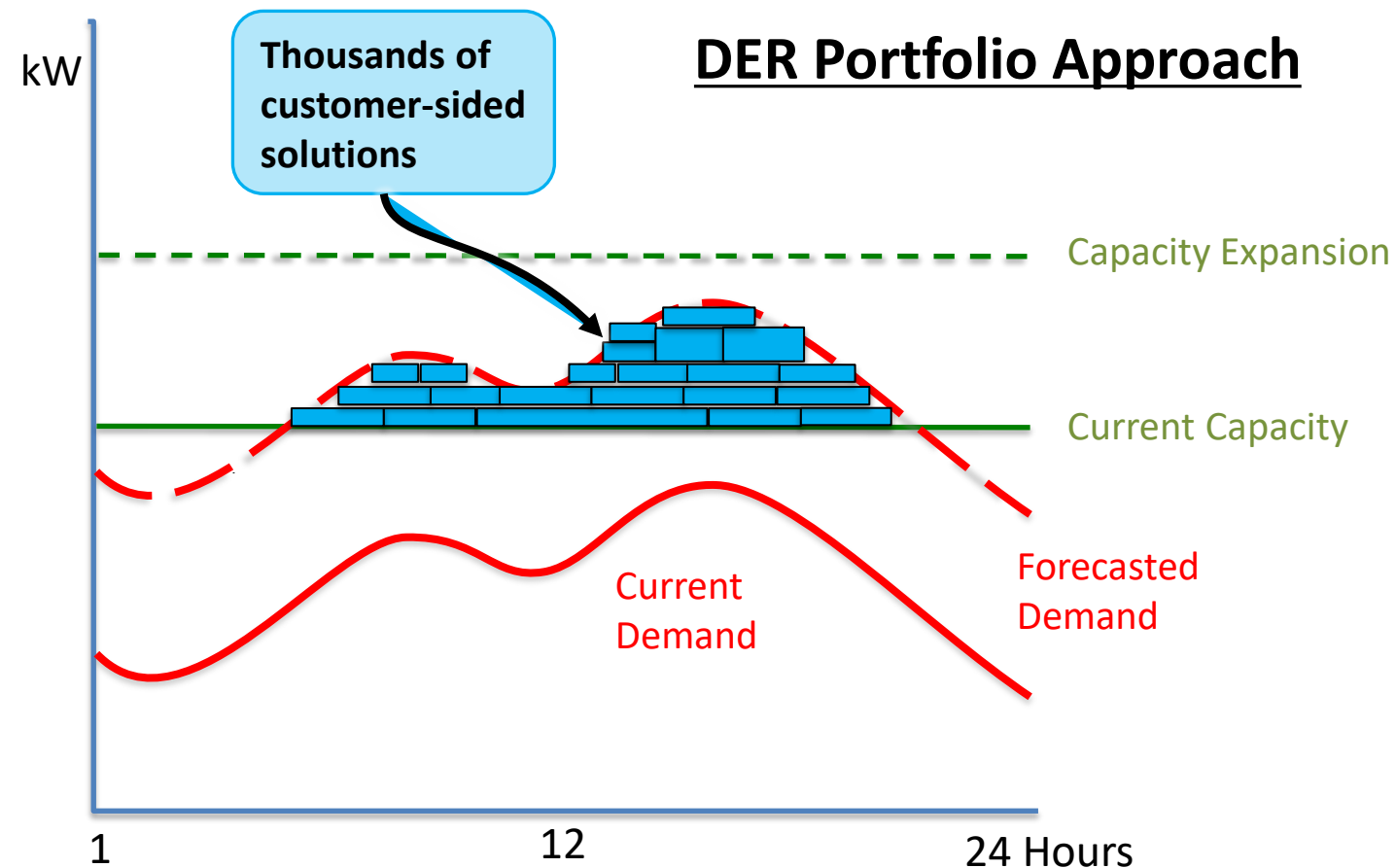
- Incentive Rates
- Performance Verification
- Program Requirements
- Application Process



Battery Energy Storage System in Ozone Park, Queens

Non-Wires Solutions (NWS)

Non-Wires Solutions is a portfolio of non-traditional solutions that seek to defer or eliminate traditional infrastructure projects for the benefit of the distribution system



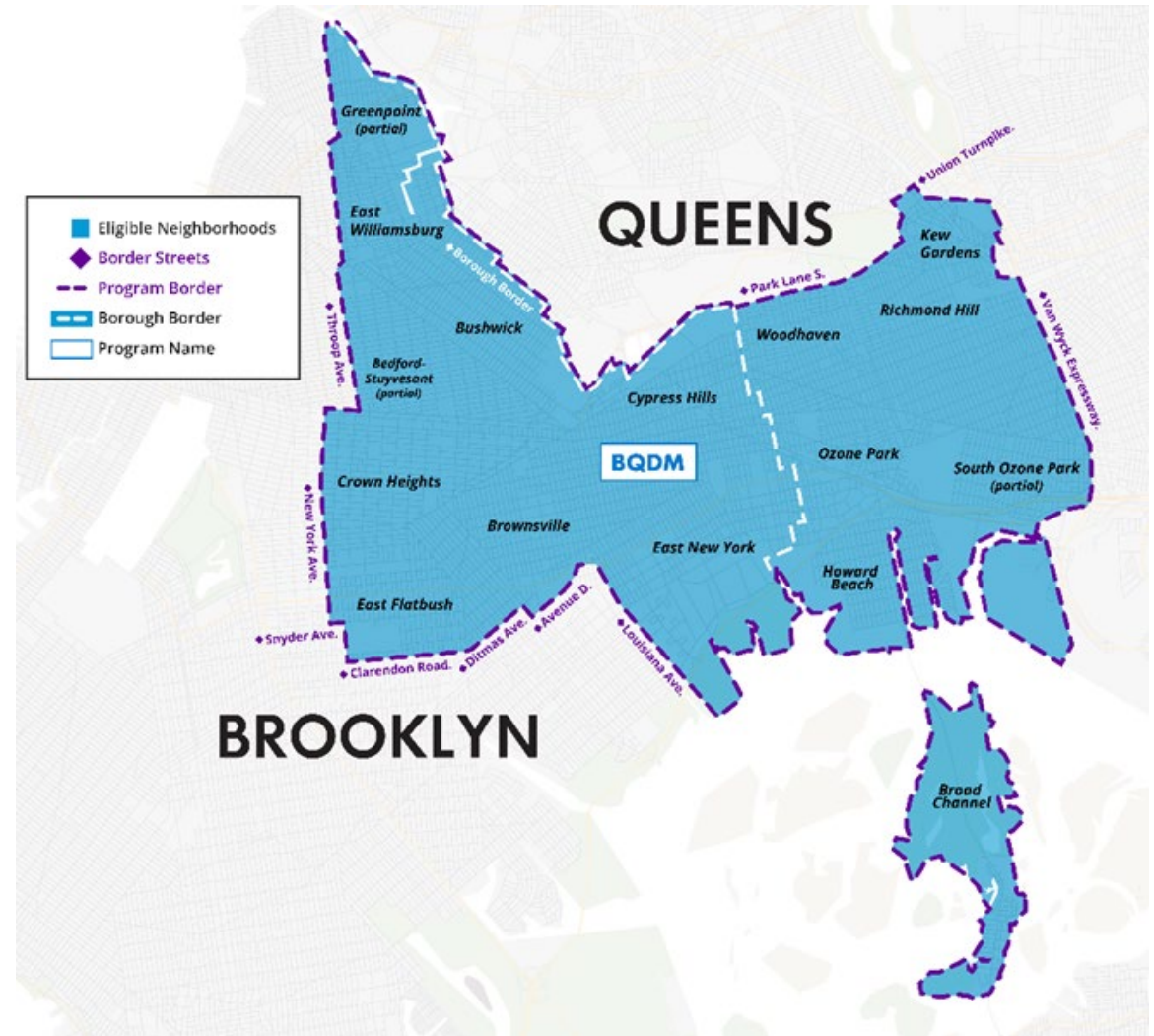
A project or portfolio of projects to reduce peak load including:

- Energy efficiency upgrades
- Distributed generation
- Energy storage

Brooklyn-Queens Demand Management (BQDM)

- Flagship and longest running Non-Wires territory
- Initiated in 2014 and granted extension in 2017
- BQDM neighborhoods include parts of:
 - Brooklyn: Bedford-Stuyvesant, Brownsville, Bushwick, Crown Heights, Cypress Hills, East Flatbush, East New York, East Williamsburg.
 - Queens: Broad Channel, Howard Beach, Kew Gardens, Ozone Park, Richmond Hill, South Ozone Park and Woodhaven.

Targeting **15 MW** of total peak load relief through new battery energy storage systems operational before **May 2026** for 10 consecutive summers

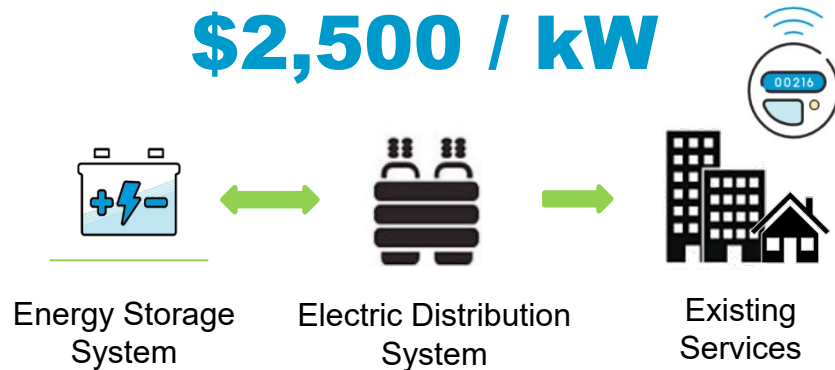


Incentive Rates

Grid Connected

(Front-of-meter; requires distribution circuit level upgrades)

\$2,500 / kW



Load Following

(Behind-the-meter; does not require distribution circuit level upgrades)

\$3,000 / kW



- First operational summer begins May 1, 2025.
- 50% of total incentive received after installation and performance verification. Projects operational on or before May 1, 2025 eligible for 10% bonus on installation payment.
 - *Must meet performance requirement of 90% of load reduction guaranty in test event to receive installation payment. Participants that do not meet these requirements but become operational later in summer participate in [CSRP voluntary](#).*
- Remaining 50% performance payments paid over 10 summer terms based on system performance.
- Projects that are not installed and operationally available by May 1, 2026 will not be eligible for incentives.

Performance Verification

Projects will be eligible for up to 5% of overall project incentive after each summer period of the 10-year contract term

Performance expectations

- Projects are expected to perform **at a minimum of 90% load reduction guaranty** for each NWS Event
 - *Calculated as avg hourly kWh discharged over event period*
- Projects shall not charge during the overload window or event window on NWS Event Days or on identified Restricted Charging Days

Project data requirements

- Maintain Con Edison AMI meter and provide 15-minute interval data with real-time access

**Further information on the calculation of the annual performance payment can be found in the NWS Performance Verification Plan*

Program Requirements

- Provide first-right-of-dispatch during the Summer Performance Period (May 1st – September 30th),
- Provide customer or site demand reduction for a minimum of 4 consecutive hours at guaranteed load reduction amount with 21-hour advanced notification
- Participants are not eligible for other Con Edison incentive programs that may conflict with first-right-of-dispatch , including Demand Response



Battery Energy Storage System in Woodside, Queens

NWS ESS Incentive Eligibility and Application Process

- Applications reviewed on a first come, first served basis until December 31, 2023, or until Con Edison reaches 15 MW enrollment capacity.
- Applicant is limited to 5 MW of load reduction total
- Project sites must be located within the eligible BQDM area at facility of a Con Edison customer in good standing
- Qualifying technologies are limited to BESS approved for use in New York City
- Must have a rated capacity between 50 and 5,000 kW
- Must follow NYS Standardized Interconnection Requirements (SIR)
- Must select interconnection option that meets local reliability standards (e.g. N-2)

- 1. Interconnection Application:** Complete interconnection application through [Power Clerk Web Portal](#)
- 2. Pay 25% of interconnection upgrade** per completed CESIR study
- 3. NWS Incentive Application:** Complete NWS energy storage incentive application (available on website) and submit to DSM@coned.com

Preliminary Offer Letter and Contract Process

1. Preliminary Offer Letter (POL)

Accepted Participants receive a POL that will act as an **earmark** of funding from Con Edison to the BESS project



2. Program Agreement

Following 100% interconnection payment, proof of site control, and proof that project will meet operational timeline, Participant will receive Program Agreement to **secure** incentive funding.



4. Proof of Performance

Company will **verify installation and operation** through performance of at least 90% in one of two test events at the beginning of the first Summer Performance Period



3. Permission to Operate

Prior to the operational date, Participant **must provide** proof of installation, Permission to Operate from Company, and all other relevant documentation from authorities including FDNY and DOB

Questions?

For more information, email DSM@coned.com
or visit conEd.com/BrooklynQueensEnergyStorage