BROOKLYN QUEENS DEMAND MANAGEMENT (BQDM) PROGRAM IMPLEMENTATION AND COMMUNITY OUTREACH PLAN

CONSOLIDATED EDISON COMPANY OF NEW YORK 4 Irving Pl. New York, NY 10003

Contents

1. Introduction 3
2. Project Identification and Ongoing Procurement Efforts 5
2.1 Market Input 5
2.2 Customer Analysis 5
2.3 Solution Evaluation and Comparison 6
2.4 Procurement Strategy 7
3. Implementation of BQDM Projects 7
3.1 Budget 7
3.2 Community Engagement 8
3.3 Measurement and Verification 11
4. Customer-Side Solutions Programs 12
4.1 Small-Medium Businesses Program 12
4.2 Multifamily Energy Efficiency Program 13
4.3 Commercial and Industrial Energy Efficiency Programs 13
4.4 Emerging Technologies 14
4.5 Opportunities with New York City Agencies 15
5. Utility-Side Solutions 15
5.1 Voltage Optimization 16
5.2 Ozone Park Battery ESS 16
5.3 Brownsville Battery ESS 17
Appendix A: Past CSS Efforts 18
A.1 Residential Programs 18
A.2 Combined Heat and Power 19
A.3 New York City Housing Authority ("NYCHA") 19
A.4 Fuel Cells 20
A.5 Demand Response ("DR") Auction 21
A.6 Commercial Refrigeration 23
Appendix B: Past USS Efforts 25
B.1 Fuel Cells 25
B.2 Photovoltaic 25

1. Introduction

On December 12, 2014, the New York Public Service Commission ("Commission") issued its Order approving Consolidated Edison Company of New York, Inc.'s ("Con Edison" or the "Company") Brooklyn/Queens Demand Management ("BQDM") Program.[1] The BQDM Program was designed to address a forecasted overload condition in the BQDM Area[2] using 17 MW of demand reduction from traditional utility-side solutions and 52 MW from non-traditional customer-side and utility-side solutions by Summer 2018.[3] The Company submitted and the Commission approved a petition to obtain additional demand reductions beyond 2018 without any additional funding.[4] This BQDM Extension Order allowed the Company to defer the need for the Glendale Project that was detailed in the Company's original BQDM proposal and further defer the New Substation / Gowanus Expansion.[5]

The BQDM Program's key objective is to enable the deferral of traditional infrastructure need through the identification, evaluation, and deployment of a portfolio of customer-side ("CSS") and non-traditional utility-side ("USS") solutions. The Company continues to implement the portfolio by leveraging existing programs, engaging customers and communities, seeking broad

[1] Case 14-E-0302, *Petition of Consolidated Edison Company of New York, Inc. for Approval of Brooklyn Queens Demand Management Program* ("BQDM Petition Proceeding"), Order Establishing Brooklyn/Queens Demand Management Program (issued December 12, 2014) ("BQDM Order").
[2] The BQDM Area comprises locations served by the Brownsville 1 and 2 Area Substations in Brooklyn and Queens and includes the three electrically independent networks of Ridgewood, Richmond Hill, and Crown Heights. References to Brooklyn/Queens in this filing refer to north central and eastern Brooklyn neighborhoods, including parts of Greenpoint, East Williamsburg, Bushwick, Bedford Stuyvesant, Crown Heights, East Flatbush, Brownsville, and East New York, and southwestern Queens neighborhoods, including parts of Richmond Hill, Howard Beach, Broad Channel, Ozone Park, South Ozone Park, Woodhaven, and Kew Gardens.
[3] BQDM Petition Proceeding, Petition of Consolidated Edison Company of New York, Inc. for Approval of Brooklyn/Queens Demand Management Program (filed July 15, 2014).
[4] BQDM Petition Proceeding, Order Extending Brooklyn/Queens Demand Management Program ("Extension Order") (issued July 13, 2017).
[5] Id.

market input for potential solutions, and continuing to evaluate the procurement of a diverse range of solutions. All actions are focused on addressing the forecasted need in the BQDM Area, while also delivering innovative outcomes and potential learning opportunities. The Company is expected to meet the needs in BQDM through the implementation of Energy Efficiency ("EE") projects sold through the end of 2024, as well as the ongoing procurement for projects that responded to the Company's BQDM Prescriptive Energy Storage System Incentive Offering ("Prescriptive Offering").[6]

This Implementation Plan ("Plan") provides information on the components and timing of the BQDM Program, as well as plans to achieve additional load reductions to further facilitate development of distributed energy resources ("DERs") and enable deferral of traditional infrastructure. The Company periodically updates this Plan with information including:[7]

- Project identification and ongoing procurement efforts;
- Community engagement plans;
- Detailed measurement and verification ("M&V") procedures;
- The portfolio of projects to be completed; and
- Calculations showing that the costs incurred are incremental to the Company's revenue requirement.

[6] In 2022, the Company released the BQDM Prescriptive Energy Storage System Incentive Offering and is currently pursuing procurement of over 10 MW of connected battery energy storage systems ("BESS").
[7] The Company will also continue to file quarterly reports with the Commission on BQDM Program activities and expenditures until the conclusion of the Program.

2. Project Identification and Ongoing Procurement Efforts

2.1 Market Input

Con Edison continues to prioritize market feedback as the Company implements the BQDM Program. In 2014, the Company issued a Request for Information ("RFI") seeking information and proposals for a broad set of CSS and USS solutions. The RFI enabled respondents to provide potential solutions for consideration and the Company to assess a wide range of existing and emerging capabilities, while providing insight into prevailing prices and the state of the marketplace. The Company's current CSS portfolio was developed utilizing these RFI submissions and subsequent rounds of procurements.

The Company's current CSS portfolio consists of a combination of EE and distributed generation technologies, including battery energy storage. With load relief targets achieved, new EE sales in the territory were closed in 2024. The Company will continue to complete active BQDM projects, and currently has no plans to procure additional load relief.

2.2 Customer Analysis

The Company recognizes that a detailed understanding of customer consumption patterns, potential for load management and, more broadly, customer demographics within discrete segments are critical for the successful implementation of CSS approaches.

The Company conducts analysis regarding the load shapes associated with customer behavior and use for technology types to target specific customer segments with appropriate solutions and

track load shapes of EE solutions that were implemented. For the largest consumers of electricity in the BQDM Area, the Company trains its EE business development representatives to work collaboratively with customers and address their needs through innovative technology projects. In addition, the Company coordinates and identifies additional funding opportunities with New York State Energy Research and Development Authority ("NYSERDA") initiatives and incentives.

Con Edison will continue to conduct customer analysis throughout the BQDM Area and align any future offerings with additional funding opportunities that are available to customers.

2.3 Solution Evaluation and Comparison

The Company developed an innovative, proprietary portfolio approach to evaluate and compare a mix of resources to meet the BQDM reliability need over the targeted overload period on a design peak day. The Company's approach accounts for a resource's availability, risk, maturity, flexibility, and ability to meet specific needs in the BQDM Area. Resource availability is discounted based on technical assessments by internal and outside experts to provide an objective evaluation of a solution's reliability.

The Company recognizes that responses to the initial RFI did not represent the total spectrum of available solutions and continuously evaluates existing EE programs. As such, the Company has since procured additional solutions in the portfolio through subsequent RFPs, Requests for Clarification ("RFC"), and prescriptive incentive offerings. The Company favorably views and

prioritizes new innovative solutions and DER providers working collaboratively with customers who can execute on load relieving projects that meet system needs.

2.4 Procurement Strategy

The Company employs different procurement strategies based on the type of need and outcome desired to facilitate the participation of a diverse set of resources in the BQDM Program, such as RFPs, auctions, and prescriptive incentive offerings. For example, to help meet the BQDM peak reliability need, the Company launched a new Prescriptive Energy Storage Incentive offering in 2022. This offering incorporated lessons from previous procurements and is designed to animate the battery energy storage market so the Company can procure dispatchable and reliable peak load relief.

The Company notes that there are potential execution, performance, and delay risks inherent in implementing these solutions. Potential risks arise due to customer acquisition issues, permitting delays, and other project-specific issues that could impact the timeliness or performance of projects. The Company employs strategies to mitigate these risks while also developing appropriate backstop solutions to continue to provide safe and reliable service.

3. Implementation of BQDM Projects

3.1 Budget

The operating budget for the BQDM Program as approved in the BQDM Order is as follows:

Customer Side Solutions	Non-Traditional Utility Side Solutions	Total

$150 million	$50 million	$200 million

In the extended BQDM Program, the Company continues to implement CSS and USS load relief to fulfill BQDM objectives using the initial funding. Con Edison plans to continue achieving demand reductions while remaining under budget. The Company plans to reduce the recovery initially planned for the Program while retaining sufficient funds needed to plan for and implement load reductions through 2026, as necessary. Other factors such as customer engagement, community involvement, and resource diversity may impact program budget decisions.

The Company will continue to provide the Commission with quarterly reports on BQDM Program activities and expenditures. These reports include details such as project costs, project in-service dates, Monthly Adjustment Clause (MAC) recoveries, incremental costs incurred, operational savings, and other benefits.[8]

3.2 Community Engagement

The Company continues to prioritize community engagement as an important aspect of BQDM Program deployment. The Company's outreach aims to address both CSS and USS and to help educate and assure stakeholders that levels of service will be maintained. While the deployment of typical EE programs may have more general customer benefits, the BQDM Program is more customized and local, requiring greater customer engagement and proactive communication to address concerns and promote participation.

[8] BQDM Petition Proceeding, BQDM Quarterly Expenditures & Program Report – Third Quarter 2025 (filed December 1, 2025).

In the initial phase of the BQDM Neighborhood program, the Company reached out to inform customers and local stakeholders about the initiative and opportunities to participate in the program. These stakeholders include elected officials, community and business organizations, and local precincts within the BQDM Program target area. By working closely with local communities, the Company has encouraged small businesses, multi-family property managers, and 1-4 family households to participate in the program. The Company will continue to inform program stakeholders about the updated schedules and potential opportunities if they are made available under the Implementation Plan. The BQDM Area is also home to several disadvantaged communities ("DACs"), and the Company will continue to be proactive in working with customers in these communities to engage in BQDM Program offerings as applicable.

Con Edison works with local stakeholders by placing information about the Program and broader EE programs in their newsletters or email communications, with links to the EE portions of the Con Edison website. The Company also attended stakeholders' meetings and held its own specific events for interested stakeholders and local community members. The Company ended sales of new EE projects in BQDM at the end of 2024, having met load relief targets, and will continue to engage with stakeholders in individual areas of the BQDM territory as projects continue to be closed out through 2026.

The Company has supplemented the marketing and outreach campaigns for the Small Medium Business ("SMB"), Multifamily and Commercial & Industrial Energy Efficiency programs with

additional, targeted outreach to customers located in the BQDM Program area. For SMB-eligible customers, the Company conducted outreach in the target area through multiple channels including local business associations, direct mail, digital advertising, and social media posts. When implementing these different communication methodologies across customer segments, the Company will continue to provide information in multiple languages (English, Chinese, Haitian Creole, Korean, Russian, Spanish, Polish, Yiddish and Bengali).

For Multifamily Programs, the Company reached out to eligible building owners and managers using marketing material produced for contractors authorized to work in the affected area.

The Company considers the type of solution selected to inform the strategy for educating and engaging customers. Specific solutions deployed with specific customers do not require the broader market engagement and sales process that is required for a broader programmatic solution such as the SMB or Multifamily EE approach. Any solution the Company selects that targets a broad market sector, as opposed to an individual customer agreement, may have been required to include a detailed sales and marketing plan as part of any contract award process. The Company also aligns its messaging across multiple solution providers to mitigate any potential confusion within the impacted community.

Con Edison also prioritizes workforce development in its service territory, including the BQDM Area. Workforce development initiatives address an array of issues with stakeholders such as energy savings and economic incentives. The Company will continue to collaborate with local community organizations on workforce development opportunities.

3.3 Measurement and Verification

The goal of M&V is to assess the impact of the BQDM Program on total load relief. When possible, M&V efforts leverage insights gained from metering studies performed in any one network in the targeted area across other comparable networks targeted in the future. The Company continues to pursue territory-specific metering studies where appropriate to maintain up-to-date information for application in savings verification practices. These studies are designed to provide location-specific end-use information on technologies across the customer segments served by our programs in BQDM and other Non-Wires Solutions ("NWS") territories. M&V is ongoing and concurrent until program completion. M&V is also used to support procurement strategy by providing additional confidence in a solution's ability to achieve stated load relief.

The Company continues to provide M&V oversight for all CSS either via desk-review and/or onsite verification. Additionally, onsite ex-ante and ex-post in situ metering and analysis may be used. These efforts provide sufficient information to verify expected load relief for each hour within the forecasted peak demand period. The Company may develop project-specific M&V Plans for large commercial and industrial customers, as appropriate; for distributed generation technologies and energy storage specifically, trend data may be reviewed to quantify the reduction of grid-supplied power to the facility or the resource's export to the grid, as applicable. For non-traditional utility side solutions, the Company customizes a holistic M&V strategy for each project.

4. Customer-Side Solutions Programs

As previously noted, the Company ended sales for new EE projects at the end of 2024. The Company will continue to engage with customers and third parties to complete active projects in 2026 as necessary. The discussion below highlights the actions that may be taken in some of the existing customer-sided solutions programs in the BQDM Program portfolio to provide additional load reductions.

4.1 Small-Medium Businesses Program

The Company developed the Small-Medium Businesses Adder ("SMB Adder") Program (previously known as the Commercial Direct Install Program, or "CDI") in 2016 to increase participation in the Company's SMB Program in the BQDM areas. Commercial customers with a peak demand of 300 kW or less receive a free walk-through survey followed by an identification of cost-effective electric efficiency measures and are eligible to receive an incentive for the installation of identified measures. The SMB Adder provided an additional incentive to customers within the BQDM region to install measures at low cost to the participating customer.

The Company's M&V vendor is tasked with performing services to verify the SMB Adder Program's savings. Such services include, but are not limited to, verification of baseline and installed fixtures through metering at selected locations within the territory and application of territory-specific coincidence factors. M&V data provides additional information to the Company's verified savings dashboard, which displays real-time program-verified and forecasted contributions to the BDQM program.

The Company closed sales of the SMB Adder Program in 2024 and completed remaining project installations in 2025.

4.2 Multifamily Energy Efficiency Program

The Company also developed an Adder initiative for the Multifamily Energy Efficiency Program ("MFEE Adder"). The MFEE Program surveys customers to identify load-reduction measures and offers incentives for multi-family dwellings of five or more units. Incentives are for measures installed within the dwelling units and common areas.

The Company's M&V vendor performs M&V services to authenticate savings of the MFEE Adder Program by metering the in-unit and common-area lighting measures, application of territory-specific coincidence factors, as well as keeping track of end-use inventories. Like the SMB Adder Program, additional M&V was conducted during the summer period to generate real-time program-verified and forecasted contributions to the BDQM Program.

The Company ended sales for the MFEE Adder Program at the end of 2024 and completed remaining project installations in 2025.

4.3 Commercial and Industrial Energy Efficiency Programs

In 2016, the Company developed an Adder initiative to supplement the existing Commercial and Industrial Program for facilities with over 300 kW monthly peak load ("C&I Adder"). The

Company provided an additional incentive for demand reduction via a variety of measures, such as specific lighting upgrades and refrigeration.

Con Edison's third-party vendor is tasked with performing M&V services to validate program savings. Savings verification includes metering HVAC, compressor, lighting, and other measures, application of territory-specific coincidence factors, as well as tracking end-use inventories.

The Company ended sales for the C&I Adder Program at the end of 2024 and completed remaining project installations in 2025.

4.4 Emerging Technologies

Con Edison continues to prioritize emerging technologies as part of its NWS portfolios. The Company released technical requirements for its 2019 BQDM Extension Auction on December 22, 2017. The Extension Auction was designed to engage customers and third-party vendors to use innovative advanced technologies to provide peak demand reductions in the BQDM Area, defer additional traditional investments, and deliver additional benefits to customers.

The Company also prioritizes the development of energy storage systems ("ESS"). The Company launched the BQDM Prescriptive Energy Storage Incentive Offering in 2022 with distinct incentive rates for grid-connected and load-following systems. The goal of this incentive structure is to encourage installation and operation of battery ESS in the BQDM Area with a focus on load-following system installations that require less system reinforcement for

interconnection and provide direct customer demand reduction benefits. The program is pursuing procurement for over 10 MW of grid-connected and load-following systems.

4.5 Opportunities with New York City Agencies

The New York City ("City") Department of Citywide Administrative Services ("DCAS") manages the utility accounts for over 4,000 public buildings in the City and, through the Department of Energy Management ("DEM"), implements energy conservation programs throughout City facilities. In 2016, Con Edison entered into an agreement with DCAS to incentivize lighting upgrades at several city agency facilities.

The Company continued collaborating with DCAS in 2025 to install additional projects and load reduction opportunities. In 2024, the Company closed acceptance of new EE projects for DCAS projects and completed installations. Some ongoing M&V work will continue through Q1 2026.

5. Utility-Side Solutions

The focus of USS is to leverage innovative technologies and strategies. The Company develops some of the design and implementation activities for these non-traditional USS. In addition, the Company solicits services from external vendors on an as needed basis. Initial deployment of USS to meet the 11 MW non-traditional utility-side goal has focused on a distributed battery ESS in Ozone Park, and Conservation Voltage Optimization ("CVO").[9] The Company implemented CVO and USS battery ESS, resulting in approximately 18.5 MW of peak load reduction, surpassing the original 11 MW goal. In Fall 2022, the Company identified an

[9] Voltage optimization is the systematic controlled management of the voltages received by an energy consumer.

opportunity for an additional utility-owned and operated 5.8 MW / 23.3 MWh battery ESS located adjacent to the Company's Brownsville area substation, described in further detail in section 5.3. The Company evaluates other technologies in case they are needed.

5.1 Voltage Optimization

The purpose of the CVO project is to optimize the voltage on the 27kV primary system, including the 4kV overhead system, by implementing enhanced, efficient voltage control. The voltage reduction is set between a 2.5 and 3.0 percent range. In 2024, CVO reduced load by 17 MW, surpassing the utility-side solution goal of an 11 MW load reduction. The CVO project is expected to continue to provide load reduction at the 2.5/3.0 percent range and estimated load reduction in the current and future years.

5.2 Ozone Park Battery ESS

The Ozone Park Battery ESS was designed to provide Con Edison with 12 MWh of stored energy and can be configured to deliver 1 MW of power for 12 hours or 2 MW of power for 6 hours. Con Edison signed a contract with the vendor on August 18, 2015. Construction began in early 2018 and the site was commissioned in 2019. The storage asset was dispatched on peak days during the Summers of 2019-25. In 2025, the battery ESS was dispatched at a rate of 1.5 MW of power for durations of 3-6 hours during peak days. It is expected to continue to provide load relief in upcoming summers.

5.3 Brownsville Battery ESS

In May 2023, the Company filed a letter with the Commission for a third party to provide and commission a Company-owned 5.8 MW / 23.2 MWh battery ESS on Company-owned property that abuts its Brownsville substation to meet the identified load relief needs. The Company has connected the battery energy storage to the electric distribution system via high voltage feeders in the Crown Heights network.

The Company consulted with Department of Public Service ("DPS") Staff regarding this project and completed construction in the third quarter of 2025. Once the Company receives full approval to operate the facility from the appropriate jurisdictional authorities, the battery will provide load relief to the BQDM territory.

Appendix A: Past CSS Efforts

The following BQDM programs are no longer active.

A.1 Residential Programs

Approximately 175,000 1-4 family residential properties are in the BQDM Area, representing approximately 30 percent of the area's total peak load.[10] The Residential Lighting Program launched on August 31, 2016, with a 2 MW peak load reduction goal over a 12-month implementation timeframe and concluded in June 2020. The Company installed approximately 682,476 LED lightbulbs in over 34,600 residential properties, achieving peak load relief of 4.9 MW as of the conclusion of the Residential Lighting Program. The Company's M&V protocols included a "Tag & Bag" approach to confirm the lighting retrofits, which retains the removed lighting equipment, packaging from the newly installed efficient equipment, and written documentation of removed and installed equipment in a clearly labeled bag that identified the facility (building and apartment) and location (kitchen, bedroom, *etc.*) for review by an independent third-party.

As a separate initiative, the BQDM Program worked with the Company's Residential Direct Load Control ("DLC") and Bring Your Own Thermostat ("BYOT") programs to develop an additional incentive to spur participation in these programs within the BQDM networks. Approximately 379 kW peak load relief was procured through the DLC and BYOT Adder programs based on the Company's current best estimates for the 9 PM to 10 PM period. The

[10] The total peak load identified is the aggregate of all customer-specific peak loads, not coincident to the network peak time.

Company achieved a total of 5.3 MW of peak load relief through the Residential Lighting Program, and DLC and BYOT programs. The Residential Lighting Program concluded in June 2020 and will not provide additional load relief in the BQDM territory. The Company is no longer providing an additional incentive to the DLC and BYOT programs through BQDM at this time.

A.2 Combined Heat and Power

In 2017, Con Edison focused on leveraging the NYSERDA Combined Heat and Power ("CHP") Acceleration Program by providing an additional incentive to qualified CHP projects in the BQDM Area. Eligible projects received an incentive of up to $1,800 per kW of load relief with a total incentive from NYSERDA and Con Edison for a project capped at 100 percent of the project cost. By providing additional incentives, the Company installed 3.1 MW of load relief from CHP technologies as of December 2021.

A.3 New York City Housing Authority ("NYCHA")

NYCHA properties in the BQDM Area include 63 developments, which contain 569 buildings and over 31,300 individual residences. Overall, this building stock represents approximately 50 MW of summer peak demand. Con Edison worked with a contracted partner in 2014-15 to conduct a scoping project that helped identify potential EE projects for the properties. The Company achieved 2.2 MW of contracted peak load reduction.

The Company also engaged with NYCHA on a smaller initiative to support the New York State Weatherization Assistance Program ("WAP") by providing an additional incentive for lighting

upgrades. Through the WAP initiative in 2017, the Company incentivized energy upgrades in five low-rise buildings with a total of 150 apartments.

In 2021, the Company worked with a contracted partner to incentivize lighting retrofits in two NYCHA housing developments, which resulted in a total of 29.14 kW in peak demand savings. There are currently no additional actions planned for the project. The Company will consider new projects with eligible customers if applicable and as system needs arise.

A.4 Fuel Cells

The Company has investigated innovative solutions to provide reliable load relief during the hours of potential overload, including the viability of efficient fuel cells that generate electricity through non-combustion chemical mechanisms. The Company investigated and developed business arrangements to encourage adoption of such technologies such that third-party capital can be leveraged in a manner that is beneficial to the customer while also being cost effective to the Company. The Company continued engagement with customers and fuel cell vendors to evaluate the potential for using a fuel cell to offset baseload consumption such that it is also economic for the customer. Site visits were conducted at these sites and bills were analyzed to determine if this option was feasible for the customer. The Company entered into an agreement with a fuel cell vendor to provide peak load reduction through fuel cell projects at customer locations. Five fuel cell projects were installed in the targeted area resulting in 6,100 kW of peak load relief.

Like the Company's CHP program, the Company engaged with NYSERDA to provide a matching offer to the existing stationary fuel cell incentive. NYSERDA's fuel cell program closed at the end of 2019.

The Company no longer plans to provide a prescriptive fuel cell incentive to acquire new projects but will continue to evaluate opportunities if system needs arise.

A.5 Demand Response ("DR") Auction

The Company tested the feasibility of conducting auctions to solicit resources that can respond in a dynamic fashion to meet the reliability need around the peak hour (9-10 pm) in the targeted area in 2017-18, as well as any other deficiencies identified as the portfolio of available demand reduction solutions evolved.

The Company developed a competitive market acquisition process, a descending clock auction, to procure dynamic callable resources expected to be dispatched for up to four hours at a time during the BQDM Area peak period for the Summers of 2017-18. To avoid market confusion, the Company obtained Commission approval to offer peak-shaving DR products through the BQDM DR auction in lieu of the existing Commercial System Relief Program ("CSRP") in the BQDM Area.[11]

[11] Case 16-E-0236, *Tariff Filing by Consolidated Edison Company of New York, Inc. to Make Revisions to Rider T - Commercial Demand Response Programs* ("Rider T Revisions Proceeding), Order Approving Tariff Amendment (issued July 14, 2016).

There were four DR Products in the BQDM DR offering:

- 8PM — 12AM for the 2017 capability period;
- 4PM — 8PM for the 2017 capability period;
- 8PM — 12AM for the 2018 capability period; and
- 4PM — 8PM for the 2018 capability period.

The Company conducted an audit in July 2016 for each of these four DR Products. The results of the auction provided sufficient capacity to meet the Company's needs; however, as discussed below, execution risks persisted, and some winning bidders were unable to provide the load reduction contracted for 2017. Additional information on the efficacy of the BQDM DR Program and Auction Mechanism can be found in the report filed in December 2018.[12]

The auction exceeded expectations on supplier diversity, new entrants, and technological diversity of solutions. Six of the ten awarded bidders had never participated in a Con Edison DR program. More than half of the awardees proposed new technologies, such as battery energy storage, as their primary means of attaining DR, which has traditionally been provided through curtailment or onsite generation technologies in the Company's service territory. The auction produced a total of 782 bids and demonstrated both a competitive pricing outcome and a proof of concept of a forward market for targeted reliability programs.

[12] Rider T Revisions Proceeding, Report on the Efficacy of the BQDM DR Program and Auction Mechanism (filed December 17, 2018).

The BQDM DR Auction procured a total of 22.69 MW of load reduction for 2018 between the two products offered. Of that, 19.08 MW was declared deficient from six of the ten awarded bidders, with the majority for the 8PM – 12AM product. Due to lack of clarity in the battery permitting process and lengthy time involved, battery storage awardees were not able to install their solutions by the 2018 capability period. Others also declared partial deficiency due to difficulty with customer acquisition.

For the 2018 BQDM DR capability period, 2.63 MW of load reductions were enrolled for the 4 PM to 8 PM call window and 2.52 MW were enrolled for the 8 PM to 12 AM window. The voluntary DR program for the BQDM territory also received 2.09 MW of pledged load reductions. Although more than 2 MW were enrolled in each product, on average less than 2 MW performed during events.

The Company has no plans to pursue additional DR resources under the BQDM Program. Resources that were utilized for the BQDM DR Program in the past have the option of participating in the Company's existing DR tariff programs for subsequent years.

A.6 Commercial Refrigeration

The Company identified commercial refrigeration as a viable segment for obtaining load relief based on both the current inefficiencies in such equipment in the BQDM Area as well as the potential load relief that can be achieved throughout the entire forecasted overload period.

The Company developed and released an RFP in July 2015, with the aim of contracting for 1.5 MW of refrigeration load relief within the BQDM territory. The Company engaged with a new technology vendor for a refrigeration thermal storage battery. After working with Company personnel and conducting thorough targeted research, the implementation of thermal storage technology was unsuccessful. Outside of offerings through the SMB EE Adder, the Company has no plans to acquire load reductions from commercial refrigeration within the BQDM territory at this time but will continue to evaluate opportunities if system needs arise.

Appendix B: Past USS Efforts

B.1 Fuel Cells

During June 2015, the Company issued a Fuel Cell RFP soliciting solutions of up to 1 MW at a Company-owned location within the BQDM Area. The Fuel Cell RFP solicitation closed on July 17, 2015. Technical presentations were completed on September 9, 2015. The Company reviewed the submitted proposals to understand the pricing proposals and determine the most cost-effective option. Pending additional load relief needs, the Fuel Cell project was put on hold and is no longer being considered.

B.2 Photovoltaic

The solar photovoltaic ("PV") project RFP was closed on September 14, 2015. Bid submissions were reviewed for completeness and technical presentations were scheduled for October 2015. The project attempted to investigate the utility-side opportunities for generating an aggregate of 1 MW by means of PV systems installed on the grounds of 10-unit substations and other buildings located in the BQDM Area, Brownsville No.1 and Brownsville No.2 substations, as well as the Cleveland Street work out location. The Company reviewed the submitted proposals to understand the pricing proposals and determine the most cost-effective option. Pending additional load relief needs, the Solar PV project was put on hold and is no longer being considered.