



Agenda Date: 10/30/24
Agenda Item: 8E

STATE OF NEW JERSEY
Board of Public Utilities
44 South Clinton Avenue, 1st Floor
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Trenton, New Jersey 08625-0350
www.nj.gov/bpu/

ENERGY AND CLEAN ENERGY

IN THE MATTER OF THE VERIFIED PETITION OF) ORDER ADOPTING STIPULATION
JERSEY CENTRAL POWER & LIGHT COMPANY)
FOR APPROVAL OF JCP&L'S SECOND ENERGY)
EFFICIENCY AND CONSERVATION PLAN)
INCLUDING ENERGY EFFICIENCY AND PEAK)
DEMAND REDUCTION PROGRAMS ("JCP&L EE&C)
PLAN II FILING")) DOCKET NO. QO23120872

Parties of Record:

Brian O. Lipman, Esq., Director, New Jersey Division of Rate Counsel
Michael J. Martelo, Esq., Counsel, Jersey Central Power & Light Company
John Kolesnik, Esq., Counsel for the Energy Efficiency Alliance of New Jersey
Steven S. Goldenberg, Esq., Counsel for the New Jersey Large Energy Users Coalition

BY THE BOARD:¹

On December 1, 2023, Jersey Central Power & Light Company ("JCP&L" or "Company") filed a petition with the New Jersey Board of Public Utilities ("Board" or "BPU") proposing to invest approximately \$964 million in its energy efficiency ("EE") programs ("EE Programs") over a thirty (30)-month period from January 1, 2025 through June 30, 2027 ("Triennium 2") ("Petition"). By this Order, the Board considers a stipulation of settlement ("Stipulation") executed by JCP&L, Board Staff ("Staff"), the New Jersey Division of Rate Counsel ("Rate Counsel"), the Energy Efficiency Alliance of New Jersey ("EEA-NJ"), and the New Jersey Large Energy Users Coalition ("NJLEUC") (collectively, "Parties") that disposes of all issues in controversy in this matter.

BACKGROUND AND PROCEDURAL HISTORY

The New Jersey Clean Energy Act of 2018

On May 23, 2018, Governor Murphy signed the Clean Energy Act, N.J.S.A. 48:3-87.8 *et seq.* ("CEA"), into law. The CEA mandates that New Jersey's electric and gas public utilities increase their role in delivering EE and peak demand reduction ("PDR") programs. The CEA further directs the Board to require the State's electric and gas utilities to reduce customer use of electricity and natural gas in their respective service territories.

¹ Commissioner Marian Abdou abstained from voting on this matter.

Specifically, the CEA directs the Board to require:

- (a) each electric public utility to achieve, within its territory by its customers, annual reductions of at least 2% of the average annual electricity usage in the prior three years within five years of implementation of its electric energy efficiency program; and
- (b) each natural gas public utility to achieve, within its territory by its customers, annual reductions in the use of natural gas of at least 0.75% of the average annual natural gas usage in the prior three years within five years of implementation of its gas energy efficiency program.²

Triennium 1

By Order dated June 10, 2020, the Board approved, pursuant to the CEA, utility programs that reduce the use of electricity and natural gas within the utilities' territories.³ By the June 2020 Order, the Board directed the utilities to file three (3)-year program petitions by September 25, 2020 for approval by the Board by May 1, 2021 and implementation from July 1, 2021 through June 30, 2024 ("Triennium 1").

By Order dated April 27, 2021, the Board approved a stipulation of settlement authorizing JCP&L to implement its Triennium 1 EE Program.⁴

By Order dated May 22, 2024, the Board approved a stipulation of settlement authorizing the Company to extend its Triennium 1 EE programs for six (6) months beyond the termination date of June 30, 2024 and for the Company to administer its Triennium 1 EE programs on a regulated basis for an additional six (6) months through December 31, 2024.⁵

² N.J.S.A. 48:3-87.9(a).

³ In re the Implementation of P.L. 2018, c. 17 Regarding the Establishment of Energy Efficiency and Peak Demand Reduction Programs, BPU Docket Nos. QO19010040, QO19060748, and QO17091004, Order dated June 10, 2020 ("June 2020 Order").

⁴ In re the Petition of Jersey Central Power & Light Company for Approval of JCP&L's Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs (JCP&L EE&C), BPU Docket No. EO20090620, Order dated April 27, 2021 ("April 2021 Order").

⁵ In re the Petition of Jersey Central Power & Light Company for Approval of JCP&L's Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs (JCP&L EE&C), BPU Docket No. EO20090620, Order dated May 22, 2024.

Triennium 2

By Order dated May 24, 2023, the Board directed each electric and gas public utility to propose, for Board approval, EE programs for Triennium 2 on or before October 2, 2023, and the Board addressed certain aspects of the Triennium 2 framework.⁶ By Order dated July 26, 2023, the Board approved the remaining aspects of the Triennium 2 framework.⁷ By Order dated October 25, 2023, the Board updated the energy savings targets for the Triennium 2 EE programs and extended the Triennium 1 period through December 31, 2024.⁸ By the October 2023 Order, the Board also delayed the start of Triennium 2 by six (6) months, from July 1, 2024 to January 1, 2025, and ordered that Triennium 2 would be a thirty (30)-month period covering January 1, 2025 through June 30, 2027.

By Order dated September 27, 2023, the Board extended the filing deadline for Triennium 2 petitions from October 2, 2023 to December 1, 2023 and directed that any entities seeking to intervene or participate in this matter file the appropriate application with the Board by December 8, 2023 and that entities file with the Board any responses to those motions by December 14, 2023.⁹ Additionally, by the September 2023 Order, the Board retained this matter for hearing and, pursuant to N.J.S.A. 48:2-32, designated Commissioner Christodoulou as Presiding Commissioner, authorized to rule on all motions that arise during the pendency of this proceeding

⁶ In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Establishment of Energy Efficiency and Peak Demand Reduction Programs; In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs; In re Electric Public Utilities and Gas Public Utilities Offering Energy Efficiency and Conservation Programs, Investing in Class I Renewable Energy Resources and Offering Class I Renewable Energy Programs in Their Respective Service Territories on a Regulated Basis, Pursuant to N.J.S.A. 48:3-98.1 and N.J.S.A. 48:3-87.9 - Minimum Filing Requirements, BPU Docket Nos. QO19010040, QO23030150, and QO17091004, Order dated May 24, 2023 ("May 2023 Order").

⁷ In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Establishment of Energy Efficiency and Peak Demand Reduction Programs; In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs; In re Electric Public Utilities and Gas Public Utilities Offering Energy Efficiency and Conservation Programs, Investing in Class I Renewable Energy Resources and Offering Class I Renewable Energy Programs in Their Respective Service Territories on a Regulated Basis, Pursuant to N.J.S.A. 48:3-98.1 and N.J.S.A. 48:3-87.9 - Minimum Filing Requirements, BPU Docket Nos. QO19010040, QO23030150, and QO17091004, Order dated July 26, 2023 ("July 2023 Order").

⁸ In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs, BPU Docket No. QO23030150, Order dated October 25, 2023 ("October 2023 Order").

⁹ In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Establishment of Energy Efficiency and Peak Demand Reduction Programs; In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs; In re Electric Public Utilities and Gas Public Utilities Offering Energy Efficiency and Conservation Programs, Investing in Class I Renewable Energy Resources and Offering Class I Renewable Energy Programs in Their Respective Service Territories on a Regulated Basis, Pursuant to N.J.S.A. 48:3-98.1 and N.J.S.A. 48:3-87.9 - Minimum Filing Requirements, BPU Docket Nos. QO19010040, QO23030150, and QO17091004, Order dated September 27, 2023 ("September 2023 Order"). By the September 2023 Order, the Board also directed that any entity wishing to file a motion for admission of counsel, *pro hac vice*, should do so concurrently with any motion to intervene or participate. No entity filed a motion for admission *pro hac vice* in this matter.

and modify schedules that may be set as necessary to secure a just and expeditious determination of all issues.

DECEMBER 2023 PETITION

On December 1, 2023, JCP&L filed the Petition with the Board for its EE and Conservation Plan II (“EE&C Plan II”). By the Petition, the Company proposed a total budget of approximately \$964 million for its EE programs over a thirty (30)-month period from January 1, 2025 through June 30, 2027. The proposed programs and associated costs are summarized in the table below:

Category	Sector	Program	Total
Core	Residential	Whole Home	\$104,638,446
		Income Qualified	\$56,765,825
		EE Products	\$91,147,416
		Behavioral	\$6,796,963
	Commercial	Energy Solutions	\$279,857,588
		Prescriptive and Custom	\$197,749,825
		Direct Install	\$140,181,530
	Multifamily	Multifamily	\$9,808,842
Utility-Led		Building Decarbonization	\$45,206,578
		Load Optimization & PDR	\$21,834,279
		Next Generation Savings	\$7,813,969
		Conservation Voltage Reduction	\$227,500
Other Portfolio Costs		Workforce Development	\$1,500,000
		Community Outreach	\$625,000
Total			\$964,153,761

By the Petition, JCP&L also sought authorization to recover its EE&C Plan II costs through a consumption rate measured in dollars per kilowatt-hour (“kWh”). This rate would be applicable to all customer classes within the Company’s tariff rate schedules. To achieve this, the Company proposed introducing a new rate component, “EE&C2,” under its existing Rider - Regional Greenhouse Gas Initiative Recovery Charge (“Rider RRC”).

The revenue requirement associated with EE&C Plan II would be structured to recover costs annually, including any over/under recovery amounts from previous periods. The revenue requirement would be subject to potential adjustments, considering net revenue offsets from PJM Interconnection LLC (“PJM”) capacity resources, marketplace revenues negotiated with vendors, financial benefits from data usage, or other revenue sources resulting from the implementation of EE&C Plan II.

Based upon the requests in the Petition, JCP&L estimated that the initial bill impact for a typical residential customer using 783 kWh monthly would experience an increase of \$0.97, including SUT, or 0.8%, per month for the initial recovery period.

On December 28, 2023, Staff issued JCP&L a letter of administrative deficiency (“Letter”) identifying administratively incomplete portions of the Petition and requesting that the Company cure any deficiencies. On January 16, 2024, JCP&L filed an update to the Petition to cure the deficiencies identified in the Letter (“Update”). On January 19, 2024, Staff issued a letter of administrative completeness, noting that the Update adequately cured the deficiencies identified in the Letter and that Staff therefore determined the Petition to be administratively complete.

N.J.S.A. 48:3-98.1(b) provides the Board with 180 days to approve, modify, or deny the Company's requested recovery of costs for the Program. Accordingly, the 180-day period for the Board to review the Petition commenced on January 16, 2024.

By Order dated January 10, 2024, the Board directed that any entity wishing to file a motion seeking leave to intervene or participate, or to update a previously-filed motion for leave to intervene or participate, in this proceeding had until seven (7) days following Staff's issuance of a letter of administrative completeness to the Company.¹⁰ The Board subsequently received no additional or updated motions seeking leave to intervene or participate.

By Order dated February 26, 2024, after considering all Motions to Intervene or Participate in this matter and responses to the Motions, Commissioner Christodoulou granted intervenor status to EEA-NJ and NJLEUC, and participant status to Convergent Energy and Power ("Convergent"); Enerwise Global Technologies, Inc. d/b/a CPower; Google LLC; Uplight, Inc.; and the joint utilities: Atlantic City Electric Company, Elizabethtown Gas Company, New Jersey Natural Gas Company, Public Service Electric & Gas Company, Rockland Electric Company, and South Jersey Gas Company.¹¹

On March 20, 2024, the Parties submitted a stipulation of settlement proposing to extend the 180-day review period to October 15, 2024 ("180-Day Stipulation"). By Order dated April 12, 2024, Commissioner Christodoulou approved the 180-Day Stipulation, extended the 180-day review period to October 15, 2024, and established a procedural schedule for this matter.¹²

Through a series of additional Orders, Commissioner Christodoulou further modified the procedural schedule, thereby granting multiple extensions of time for the filing of testimony in this matter, and fully suspended the procedural schedule to allow for the continuance of fruitful settlement discussions.¹³

Following proper notice in newspapers of general circulation and upon affected municipalities and counties within the Company's service territory, JCP&L held two (2) virtual public hearings, at 4:30 p.m. and 5:30 p.m., on June 11, 2024. One (1) intervenor and five (5) members of the public provided oral comments during the 4:30 p.m. hearing to voice general support for the EE&C Plan II, including support for heat pumps, the Company's PDR measures, and pairing decarbonization

¹⁰ In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018. Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs et al., BPU Docket Nos. QO23030150, QO23120868, QO23120869, QO23120870, QO23120871, QO23120872, QO23120874, and QO23120875, Order dated January 10, 2024.

¹¹ In re the Verified Petition of Jersey Central Power and Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing"), BPU Docket No. QO23120872, Order dated February 26, 2024.

¹² In re the Verified Petition of Jersey Central Power and Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing"), BPU Docket No. QO23120872, Order dated April 12, 2024.

¹³ In re the Verified Petition of Jersey Central Power and Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing"), BPU Docket No. QO23120872, Order dated June 10, 2024; In re the Verified Petition of Jersey Central Power and Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing"), BPU Docket No. QO23120872, Order dated July 1, 2024.

with EE measures. No members of the public provided oral comments during the 5:30 p.m. hearing. The Board received written comments pertaining to the Petition on June 5, 2024, and June 6, 2024, indicating strong support for the EE&C II Program, identifying areas of improvement, and expressing support for strengthen geothermal heat pump incentives for commercial EE program participants.

On October 7, 2024, the Parties submitted, for approval, a stipulation of settlement proposing to extend the 180-day review period to October 31, 2024 ("Second 180-Day Stipulation"). By Order dated October 15, 2024, Commissioner Christodoulou approved the Second 180-Day Stipulation.¹⁴

STIPULATION

Following discovery and settlement discussions, the Parties executed the Stipulation which provides, in relevant part, for the following:¹⁵

JCP&L EE&C Plan II Programs

22. The Parties agree that, subject to Board approval of the Stipulation, JCP&L may implement EE&C Plan II under the terms and conditions described in the Stipulation for a term of two-and-one-half years commencing on January 1, 2025 and ending June 30, 2027. EE&C Plan II will include implementation, administration, and investment in eight (8) EE core programs and three (3) other programs: DR, BD, and the Conservation Voltage Reduction ("CVR") program. The EE core programs are comprised of four (4) residential, three (3) commercial and industrial ("C&I"), and one (1) multifamily program.
23. In addition to the programs above, the Company will also continue its Workforce Development ("WFD") program as required in the May 2023 Order and July 2023 Order. The Company shall develop a WFD implementation plan, community benefits plan, and evaluation plan, including performance metrics, before or within Program Year 5 of Triennium 2. The Company shall actively seek input and recommendations from the EE WFD Working Group established by the Board in the June 2020 Order and through monthly EE stakeholder meetings to develop and enhance these plans prior to implementation in coordination with the other New Jersey utilities.
24. Upon receipt of any monies received by the Company as direct funding from a State or federal governmental entity for the Company's WFD program, including monies that are allocated for wraparound services, the Company agrees to reduce its WFD budget by the corresponding dollar amount.
25. Except as set forth below, the Company will not designate any funding in its WFD program toward wraparound services. Consistent with the May 2023 Order and procedure set forth in Triennium 1, if the Company decides to provide wraparound

¹⁴ In re the Verified Petition of Jersey Central Power and Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing"), BPU Docket No. QO23120872, Order dated October 15, 2024.

¹⁵ Although summarized in this Order, the detailed terms of the Stipulation are controlling, subject to the findings and conclusions of this Order. Paragraphs are numbered to coincide with the Stipulation.

services under its WFD program, the Company will work with State and federal agencies to seek any opportunity to receive grants or funding specifically for the provision of wraparound services that may be available to the Company, partner community-based organizations (“CBOs”), and/or participants of the Company’s WFD program for wraparound services. To the extent that programs or funding are not available or funding is insufficient, the Company may utilize Triennium 2 WFD dollars to provide these services up to the lesser of \$100,000 or 3% of its approved WFD budget and will coordinate with utilities having overlapping territory to minimize the costs to deliver these services. The utilities are encouraged to seek deeper coordination with CBOs for wraparound services in preparation for Triennium 3.

26. The Company will not utilize its WFD or administrative budget to provide contractors with WFD performance incentives.
27. WFD program funding shall not be utilized to provide training or development to the Company’s own employees.
28. JCP&L agrees to withdraw its request to include the Next Generation Savings Program as part of EE&C Plan II.
29. JCP&L agrees to withdraw its request to include the Comfort Partners Program as a component of its Income Qualified Program. The Comfort Partners Program will continue to be managed by the Board. The Parties agree to coordinate to ensure that low-income customers can receive measures comparable to what is offered through the BD program, which may be accomplished through the Comfort Partners program during Triennium 2. The Company will continue to claim savings from the Comfort Partners Program towards its compliance with its quantitative performance indicators (“QPIs”).
30. JCP&L agrees to remove the Behavioral component from the Company’s Load Optimization & PDR Program.
31. The Parties agree that the design for the Triennium 2 programs shall be as described in the Company’s EE&C Plan II, including both the required core programs and utility-led programs, which is Attachment 1 to the Stipulation and incorporated by reference. Attachment 1 of the Stipulation is subject to modification as permitted by the May 2023 Order, July 2023 Order, or as otherwise approved by the Board.
32. The Parties anticipate that programs will continue to evolve. The Company shall continue to coordinate with the Division of Clean Energy and other utilities with whom the Company has overlapping service territories to achieve consistency where possible in the design and delivery of core programs. To the extent that the utilities jointly decide to implement programs differently than currently envisioned, the Company commits to implement—as permissible under law, the Stipulation, and within approved budgets—consistent elements of the core programs concurrently with all electric and gas utilities in the State as follows:
 - Common forms for use by customers and contractors;
 - Contractor requirements, open and competitive procurement protocols where feasible, and training;

- Customer and property eligibility requirements and processes, including alternative/automatic eligibility methods for low- to moderate-income customers (e.g., based on census tracts, environmental justice communities, Urban Enterprise Zones, etc.);
- Eligible measures;
- Incentive ranges;
- Incentive payment processes and timeframes;
- Customer and contractor engagement platforms;
- Data platforms and database sharing among program administrators, where appropriate; and
- Quality control standards and remediation policies.

To the extent the Company wishes to change programs in ways that conflict with the Stipulation, the Company will advise all Parties to the Stipulation and seek to modify the Stipulation and obtain Board approval for those changes.

33. The Company agrees to contribute to the design and coordinate on the scope of a one-stop shop website, a platform to provide customers and contractors with a simple and easy-to-understand application process to participate in utility and State EE, BD, and DR programs. The Parties agree to work together to develop a project plan and timeline by June 30, 2025 to launch the website during Triennium 2, if feasible. Key project development milestones include, but are not limited to: initial design phase, development phase, testing and quality assurance, launch, and training. This initiative will be funded at a value not to exceed 1% of the Company's administrative budget.
34. Incentive structures associated with the core programs are described in Attachment 1 to the Stipulation, consistent with the May 2023 Order and July 2023 Order, and include any additional updates to incentives that are agreed upon as part of the Stipulation.
35. The Parties agree that the Company is authorized to offer up to \$176,688,019 of principal in financing to its customers that will be repaid by program participants and shall not be charged to ratepayers (defaults, however, may be recovered through the Company's Rider Uncollectible Accounts Charge). The Parties agree that financing shall continue to be offered at a 0% interest rate for the duration of Triennium 2. To provide access to financing, the Company plans to contract with a third-party loan administrator to administer no-interest loan opportunities for qualifying customer investments in EE and BD projects. The third-party loan administrator will be responsible for screening customers for eligibility and all loan origination and processing activities. During Triennium 2, the Company will move from an off-bill repayment mechanism to an on-bill repayment ("OBR") mechanism, assuming that an on-bill repayment mechanism does not already exist as of January 1, 2025. JCP&L reserves the right to move to full Company administration. The Company intends to work with the other utilities throughout implementation to continue to provide comparable financing offerings to customers and deliver similar access across the coordinated programs. The Company plans to make this financing option available for customers participating across the residential, multifamily, and C&I sector programs where qualifying measures involve a sizeable cost to the customer, including major appliances; heating, ventilation, and air conditioning; home retrofit and multifamily projects; small business direct install projects; C&I prescriptive and custom measures;

Energy Solutions projects; and BD. JCP&L agrees to coordinate with the other utilities on evaluation, measurement, and verification (“EM&V”) studies to review the impact of financing offerings on program participation and identify potential modifications that may be implemented in future triennia.

36. The Parties acknowledge the important role played by rebates and incentive levels in customer adoption of EE measures and that the Parties have endeavored to identify a level of rebates and incentives that will allow utilities to achieve their required energy savings targets. During the Triennium 2 period, the Parties agree to revisit specific Triennium 2 rebate/incentive levels if customer participation is inadequate or in excess of what is required to meet the Company’s Triennium 2 savings targets and to adjust rebate/incentive levels to ensure that they facilitate appropriate customer participation that will allow the Company to meet its Triennium 2 energy savings targets. Any adjustments will be consistent with the requirements enumerated at page 19 of the May 2023 Order, and any requests to increase a rebate or incentive in excess of the maximum incentive range which is shown as the “up to” amount in Appendix H to Attachment 1 to the Stipulation, will require Staff’s approval.
37. Customers in JCP&L’s service territory who meet the criteria for the various EE&C Plan II offerings will be eligible to participate.

EE&C Plan II Budget by Program

38. The Parties agree to the EE&C Plan II budget as follows:

JCP&L Summary of Program Costs PY2025 to PY2027			
Programs	Admin O&M (\$)	Investment (\$)	Total (\$)
Whole Home	\$2,942,174	\$72,002,537	\$74,944,711
Income Qualified - MI Wx	\$553,260	\$18,682,769	\$19,236,029
Efficient Products	\$2,551,298	\$44,365,508	\$46,916,806
Behavioral	\$526,277	\$6,396,557	\$6,922,834
Residential Total	\$6,573,009	\$141,447,371	\$148,020,380
Energy Solutions	\$10,956,673	\$194,107,508	\$205,064,181
Prescriptive / Custom	\$6,311,274	\$123,839,420	\$130,150,694
Direct Install	\$4,650,006	\$107,876,326	\$112,526,333
Commercial & Industrial Total	\$21,917,953	\$425,823,255	\$447,741,208
Multifamily	\$292,497	\$4,983,541	\$5,276,038
Multifamily Total	\$292,497	\$4,983,541	\$5,276,038
CVR	\$189,010	\$40,000	\$229,010
Building Decarbonization	\$1,570,178	\$25,419,602	\$26,989,780
Load Optimization & PDR	\$424,764	\$9,446,963	\$9,871,727
Additional Utility Programs Total	\$2,183,952	\$34,906,565	\$37,090,517
Workforce Development	\$1,500,000	\$0	\$1,500,000
Outreach to Community - based Orgs.	\$625,000	\$0	\$625,000
Other Portfolio Cost Total	\$2,125,000	\$0	\$2,125,000
Total Programmatic Budget	\$33,092,411	\$607,160,732	\$640,253,143
Net Transfers			(\$43,000,000)
Total Direct Budget			\$597,253,143

OBR financing principal is not included in the above values.

39. The Parties agree that the total programmatic budget for the EE&C Plan II period shall not exceed \$640,253,143, which includes a not to exceed value of \$33,092,411 in Operations & Maintenance ("O&M") expenses.
40. The Parties also agree that the budget for net transfers in utility overlapping territories is (\$43) million, resulting in a total direct budget of \$597,253,143. To the extent that the net transfer budget differs from the stipulated value, the Company will manage any overage or shortfall within the approved total direct budget. The Company shall coordinate the exchange of energy savings and costs with any utility whose service territory overlaps with the Company's service territory ("Partner Utility") consistent with the net transfer process previously employed in Triennium 1, as it may be revised from time to time. The Company also agrees to report its gross inflows and outflows of transfers, the details of which will be determined by Staff, Rate Counsel, and the utilities via the group established by the Board in the June 2020 Order to facilitate and resolve issues impacting the EM&V of EE and PDR programs implemented pursuant to the CEA ("EM&V Working Group").

EE&C Plan II Program Expenditures

41. The Parties agree that the total programmatic budget for EE&C Plan II is \$640,253,143, which includes investments and O&M expenses. Investments include all capital expenditures, customer incentives (such as direct incentives, financing costs, health and safety, audit, and installation labor), and outside services (such as third-party program administration and implementation, incentive payment processing, program customer intake processing, direct marketing and outreach, and project quality assurance/quality control). The budget for investments includes amounts that are spent or committed during Triennium 2, amounts reserved to fund projects and incentives for customers who have enrolled in programs during Triennium 2, and program EM&V costs that extend beyond the thirty (30)-month period. The Parties also agree that EE&C Plan II funds may be utilized for a project that was enrolled during Triennium 1 and completed during Triennium 2.
42. The Parties agree that, in order to have programs, vendors, and systems in place to begin delivery on January 1, 2025, program spending may commence upon Board approval of the Stipulation. All EE&C Plan II program expenditures will be filed with the Board and submitted for prudence review in annual cost recovery filings.

Budget Updates

43. JCP&L may shift the timing of spending between or among program years, programs, and sectors, including both core and utility-led programs, as necessary to provide flexibility in responding to market conditions and customer demand and to ensure the achievement of EE&C Plan II targets during the term of the program in accordance with the limitations and procedures set forth in the May 2023 Order and July 2023 Order.
 - JCP&L may shift program budgets within or among the residential, C&I, multifamily, and other sectors. More specifically, within any 365-day period, JCP&L may shift its budgets between individual programs within the same sector up to and including 25% of the Company's total Triennium 2 budget with

- notification to Staff and Rate Counsel, greater than 25% and up to 50% with Staff approval, and greater than 50% with Board approval.
- Within any 365-day period, JCP&L may also shift budgets out of a sector up to and including 10% of the Company's total Triennium 2 budget with notification to Staff and Rate Counsel, greater than 10% and up to 20% with Staff approval, and greater than 20% with Board approval.
 - Requests for budget adjustments within the 2.5-year Triennium 2 period necessitating Staff approval shall be submitted to Staff and Rate Counsel with a written description of, and rationale for, the proposed transfers and shall be responded to within thirty (30) days. Requests for budget transfers shall identify O&M spending associated with the program(s). Transferred O&M spending shall not be used as investment. Rate Counsel may object within thirty (30) days, in which case Staff shall review within thirty (30) days of Rate Counsel's objection. If there is no response from Rate Counsel or Staff within thirty (30) days of JCP&L's request, those requests shall be deemed granted.
44. The Parties agree that the Company may petition the Board to carry over energy savings in excess of annual compliance goals, from Triennium 1 into Triennium 2 and from any Triennium 2 program year to another Triennium 2 program year in excess of the parameters established by the May 2023 Order and July 2023 Order. The Company shall notify Staff and Rate Counsel in its compliance reports the date of its waiver petition and the outcome.
45. The Parties agree that, for purposes of fund transfers among EE&C Plan II programs and sectors, in addition to residential, C&I, and multifamily, there are an additional two (2) sectors that include BD and DR, which will be reflected as "BD" and "DR." For purposes of budget transfers permitted in Paragraph 43 of the Stipulation, the Parties agree that no funds will be transferred into the BD program.
46. The Parties agree that, for EE projects that commenced prior to or during Triennium 2 that cross program cycles or multiple years within a program cycle, the Company will calculate energy savings based on the TRM in effect when the project commenced.
47. At the end of Triennium 1, the Company will provide a report to Staff and Rate Counsel detailing the committed and uncommitted funds left in the Triennium 1 budget, including any and all extensions. In the event that the Company expects to receive a return on equity reduction penalty as defined by the Triennium 2 Performance Incentive Mechanism, the Company may, upon notice to the Parties, utilize any Triennium 1 funding, including the funding associated with the Triennium 1 Extension period, that was not expended or committed in Triennium 1. If the Company elects to utilize uncommitted budget dollars from Triennium 1, it will not be permitted to earn an incentive under the established Triennium 2 Performance Incentive Mechanism within the program year or years when Triennium 1 funding is expended. During Triennium 2, when applicable, the Company will provide quarterly reports that demonstrate how the Triennium 1 funding was allocated and spent among programs. During Triennium 2, if the Company requests shifts in budget among programs and sectors, Triennium 1 funds will be reported separately in that request or notice.

Quantitative Performance Indicators

48. The table below includes the Company's proposed QPIs that will be used to track and evaluate the Company's performance in Triennium 2.

QPI	Description	Weight	Unit	Target – Program Total
1. Annual Energy Savings	Verified first year energy savings from measures completed in the given program year	30%	Source MMBtu	4,978,609
2. Annual Demand Savings	Verified peak demand savings from measures completed in the given program year	10%	Peak MW	128
3. Lifetime Energy Savings	Verified lifetime energy savings from measures completed in the given program year	20%	Source MMBtu	49,795,842
4. LMI and OBC Lifetime Energy Savings	Verified lifetime energy savings from measures completed in the given program year from LMI and OBC customers	10%	Source MMBtu	883,077
5. Small Business Lifetime Energy Savings	Verified lifetime energy savings from measures completed in the given program year for small business customers	10%	Source MMBtu	11,804,411
6. Cost to Achieve	Total EE portfolio costs divided by total portfolio verified lifetime energy savings	20%	Total EE Portfolio\$/ Lifetime source MMBtu	12

49. QPI performance periods shall be those set forth in the May 2023 Order and July 2023 Order. All energy savings from projects and measures from EE&C Plan I programs, EE&C Plan II programs, and Comfort Partners in the Company's territory completed after January 1, 2025 shall be reported separately in the Company's QPI performance measurement.¹⁶ For the purpose of determining the Company's compliance with the QPIs and achievement of the required energy savings targets, the TRM in effect as of January 1, 2025 shall be used during the term of Triennium 2, subject to any annual TRM updates or other relevant guidance adopted in the Triennium 2 Evaluation Framework, except as noted in Paragraph 51 of the Stipulation.

50. The Company will perform EM&V for EE&C Plan II in accordance with the May 2023 Order, July 2023 Order, and any recommendations of the EM&V Working Group

¹⁶ See April 2021 Order.

adopted by the Board, as well as for any additional energy savings claimed by the Company toward the annual energy savings QPI and Triennium 2 targets, subject to guidance adopted in the Triennium 2 Evaluation Framework.¹⁷ All EE&C Plan I projects and measures completed after January 1, 2025 shall also be included in the EE&C Plan II EM&V plan.

51. The Company acknowledges that the EM&V Working Group will update the Triennium 2 Evaluation Framework, as needed, approaching the commencement and performance of Triennium 2, with key elements including, but not limited to: (1) an annual update to the Program Year TRM, (2) removal of the distinction between Category 1 and Category 2 program metrics, (3) evaluation of financing offers, (4) enhancements of data governance and disclosure, (5) submission of EM&V milestone plans, (6) assurance of evaluability of programs, and (7) modifications to quarterly reporting. Updates to the Triennium 2 Evaluation Framework will be presented for comments at monthly EE stakeholder meetings. The Company agrees to comply with any changes resulting from the updated Triennium 2 Evaluation Framework, the terms of which shall apply throughout the whole of Triennium 2.
52. The Company further appreciates the need for enhanced evaluation rigor and shall dedicate the appropriate EM&V resources to conduct joint utility program evaluations where appropriate and to implement the EM&V implementation plans which will be developed in conjunction with New Jersey's Statewide Evaluator ("SWE") at the start of Triennium 2.
53. The Company shall continue to file required quarterly and annual reports and submit data regarding all EE&C Plan II programs, financing initiatives, and related expenses in accordance with the content, format, and timing dictated by the May 2023 Order, July 2023 Order, and subsequent directives from the Board, with any required adjustments from Triennium 1 to be developed by the EM&V Working Group.
54. The Parties agree that revised in-service rates, under performance of installed measures, changes in industry standard practices, building codes updates, federal appliance standards, or other market events are some factors that could be reflected in the annual Program Year Update to the TRM. The TRM Committee will work collaboratively with the Company to ensure that TRM updates provide the Company with adequate time to adjust programmatic activities toward the achievement of performance targets. If a mutually agreeable outcome does not occur, the Company reserves the right to petition the BPU for a waiver of enforcement of penalties in the event that performance targets are not achieved as a result of such changes. All Parties reserve all rights to respond to any petition seeking a waiver of any penalties filed by the Company.

Customer Data and Data Sharing

55. Customer information shall be used by the Company to deliver an effective customer experience in compliance with any applicable Board regulations and statutory obligations. The Company shall enforce privacy and data handling policies and

¹⁷ All energy savings that the Company may seek to apply toward the Company's QPIs, including energy savings from the Company's CVR program, are subject to this provision.

procedures for the EE Program that are consistent with JCP&L's customer data security protections, the May 2023 Order, July 2023 Order, and any applicable Board regulations and statutory obligations. In the event of any breach of the above confidentiality by an affiliate, JCP&L shall remediate this breach to the full extent required by law. In the event of any breach of confidentiality by a vendor hired to deliver the Triennium 2 programs or to evaluate the programs, the Company commits to enforcing the contractual confidentiality requirement to the extent allowed by the law. Any "breach of security" with respect to customers' "personal information," as those terms are defined in N.J.S.A. 56:8-161, shall be treated in accordance with the New Jersey Identity Theft Prevention Act, N.J.S.A. 56:8-161 *et seq.*, and Section 3b of the Board's Cybersecurity Order of March 18, 2016.¹⁸

56. The Company agrees that customer-specific data belongs to the customer, who may request or authorize the Company to share it with suppliers, and that data gathered during the operation of the Triennium 2 programs not specific to any particular customer belongs to the Company and will be used solely to support current or future regulated utility programs, including EM&V work. Such data may not be used for other purposes without Board approval, except as noted in Paragraph 57 of the Stipulation. The Company will also submit non-customer-specific data to the Board in compliance with reporting requirements, as established by the Board. Customer-specific data may be shared with the Board or its contractors for the purposes of program evaluation after the execution of Non-Disclosure Agreements and Company review and approval of the Board's and/or contractor's cyber and data security protocols.
57. The Parties also agree that the Company may use customer-specific data or program data from other BPU-approved utility programs for EE&C Plan II, and that other utility BPU approved programs may use data from EE&C Plan II. The Company will not share or use customer specific data for non-utility specific BPU programs. Such data may not be used for other purposes without Board approval.

Cost Recovery Mechanism

58. The agreed upon budget amount includes Company O&M expenses for EE&C Plan II, including Utility Administration, Marketing, Inspections and Quality Control, Workforce Development, Outreach to CBOs, and Evaluation, and such O&M expenses shall not exceed \$33,092,411. The Company will recover its actual reasonable and prudently incurred O&M expenses through its annual Rider RRC filing. Staff and Rate Counsel reserve their rights to challenge the prudence of all costs, including O&M expenses, in future cost recovery filings.
59. The Parties also agree that the Company should be authorized to offer OBR financing in the amount of \$176,688,019 to program participants and recover the financing amounts over time from these same financing participants. As currently structured, the customer repayment periods for the financing plans shall be five (5), seven (7), and ten (10) years, depending on the program and total financing funds made available. The Company will retain the full financing investment for any project where the Company is serving as the lead utility—that is, where work is commissioned on

¹⁸ In re Utility Cyber Security Program Requirements, BPU Docket No. AO16030196, Order dated March 18, 2016.

behalf of a Partner Utility who will ultimately pay for the EE measures installed. The Parties agree that the Company should be allowed to earn a return on the outstanding investment balance for financing expenditures where the Company is serving as the lead utility, through its revenue requirement and the administrative costs of providing financing consistent with the Capital Structure/Return on Equity discussed below. In computing the return component of its costs, the Company shall, in addition to a reduction for the accumulated amortization of its investments, deduct the applicable deferred income taxes related to the amortization of program costs over a five (5)-year, seven (7)-year, and ten (10)-year period for book purposes and over one (1) year for tax purposes. The Company shall continue to calculate the monthly net investment balances by subtracting from the monthly net investment balances the current month-end accumulated amortization balances.

60. The Parties agree that JCP&L may recover the revenue requirements for EE&C Plan II costs through the EE&C2 component of Rider RRC, as described below and in Attachments 2 through 10 to the Stipulation. The Plan costs include investments, such as Customer Incentives, Outside Services, Information Technology costs, Financing Costs, and O&M expenses, including related Utility Administration, Workforce Development, Inspections and Quality Control, Marketing, and where appropriate, a return on investment, Outreach to Community-Based Organizations, and Evaluation expenses. The revenue requirement shall be modified by any net revenue offsets from PJM capacity resources, marketplace revenues negotiated with vendors, or any other source of revenues as a result of the implementation of the Plan. There will be no Allowance for Funds Used During Construction associated with the Plan program expenditures.
61. In the rate adjustment proceedings provided for in Paragraph 60 of the Stipulation (and in establishing initial rates), the projected and actual revenue requirements for EE&C Plan II investments and expenses recovered through the EE&C2 component of Rider RRC shall be calculated as summarized in this paragraph.

- The revenue requirement for the rate adjustments to the EE&C2 component of Rider RRC will be calculated using the following formula:

Revenue Requirement = [(Pre-Tax Cost of Capital * Rate Base) + Amortization + O&M Expense – Revenue Offsets]. The Company will also apply the appropriate factor to collect applicable New Jersey Sales and Use Tax. Uncollectible expense associated with EE&C Plan II, such as defaults related to OBR, is not included in the Revenue Requirement because it will be recovered along with other uncollectible expenses in existing Rider Uncollectible Accounts Charge.

- “Pre-Tax Cost of Capital” means JCP&L’s pre-tax, overall WACC for EE&C Plan II, which is 9.13%, as set forth in Attachment 2 to the Stipulation, based on the Company’s current authorized return on equity, long-term debt, and capital structure, including income tax effects, approved by the Board on February 14, 2024, in the JCP&L 2023 Base Rate Filing, BPU Docket No. ER23030144. Any change in the WACC authorized by the Board in a base rate case following the Stipulation will be reflected in the revenue requirement calculations and subsequent rate adjustment filings for JCP&L’s Rider RRC. Any changes to current tax rates will be reflected in an adjustment to the WACC.

- “Rate Base” = Cumulative Investments – Accumulated Amortization of Investments – Accumulated Deferred Income Tax (“ADIT”). Note that the “Pre-Tax Cost of Capital * Rate Base” component of the formula provides recovery of the return on the unamortized EE&C Plan II investments in rate base.
 - “Cumulative Investments” = Plan-to-date investments, such as Customer Incentives, Outside Services, and Information Technology.
 - “ADIT” is calculated as Book Amortization less Tax Depreciation, multiplied by the statutory composite federal and state income tax rate, which is currently 28.11%. Any future changes to the book amortization or tax depreciation rates during the EE&C Plan II period and at the time of each rate adjustment, will be reflected in the accumulated amortization and/or ADIT calculation described above. All EE&C Plan II investments in Rate Base will be expensed in the year of investment for tax purposes.
 - “Amortization” provides for recovery of EE&C Plan II investments based on a 10-year amortization of such investments. Amortization for ratemaking purposes will be done monthly, using a straight-line method. The current month’s amortization will be included in the current month’s revenue requirement and will also increase the current month’s Accumulated Amortization of Investments.
 - “O&M Expense” means expenses for Utility Administration, Inspections/Quality Control, Workforce Development, Marketing, Outreach to Community-Based Organizations, and Evaluation required to conduct EE&C Plan II.
 - “Revenue Offsets” encompasses PJM capacity market revenues (net of costs associated with auction participation, including but not limited to replacement capacity charges, capacity deficiency charges and any unavoidable PJM charges), marketplace revenues negotiated with vendors, financial benefits from the usage of data, or any other source of revenue that results from the implementation of EE&C Plan II, which are credited as a reduction to revenue requirements.
62. The Parties agree that JCP&L is authorized to defer for recovery as a component of the Company’s O&M expense upon the effective date of the Board Order, which will be reviewed for prudence in the Company’s subsequent Rider RRC filings, as referenced in Paragraph 42 of the Stipulation. These budgeted costs will be recovered in the initial rates set for Rider RRC for the first six (6)-month program year of EE&C Plan II as a component of the Company’s O&M expense.
63. The Company will collect the revenue requirement through a \$/kWh consumption charge for all rate schedules.

64. JCP&L will recover its EE&C Plan II revenue requirements through the EE&C2 component of Rider RRC. Currently projected rates for Rider RRC during Triennium 2, which are subject to change, are provided in the schedule in Attachment 6 to the Stipulation and the tariff page for Rider RRC, which is provided as Attachment 8 to the Stipulation.¹⁹ Additionally, the Company will recover lost revenues from reduced electricity sales associated with the Plan through Rider LRAM. Currently projected rates for Rider LRAM during Triennium 2, which are subject to change, are provided in Attachment 7 to the Stipulation. A copy of the tariff page for Rider LRAM is provided as Attachment 9 to the Stipulation.²⁰
65. JCP&L will adjust EE&C2 rates and reconcile prior period recoveries in its annual Rider RRC filing made on February 1 each year, in accordance with JCP&L's tariff. The foregoing annual filing process will adjust EE&C2 rates for the subsequent period to: 1) provide refunds or adjustments to reconcile the projected Revenue Requirements for the prior period to actual Revenue Requirements based on actual EE&C Plan II costs; and 2) recover projected EE&C Plan II Revenue Requirements for investments and expenses costs for the prospective period. The adjustment of EE&C2 rates in the annual Rider RRC filing shall include the reconciliation of any over- or under-recovery of the projected Revenue Requirements for the prior period to actual Revenue Requirements, which will include the return on the On-Bill Financing Costs. In addition, the Company will accrue carrying costs on a monthly basis on the over/under recovered balance calculated based on the average balance net of tax at an interest rate equal to the rate on two-year constant maturity Treasuries, as shown in the Federal Reserve Statistical Release on or closest to January 1 of each year, plus sixty (60) basis points, compounded annually as of January 1 of each year.
66. Each annual filing to adjust the EE&C2 component of Rider RRC rates shall include the Minimum Filing Requirements ("MFRs") set forth in Attachment 13 to the Stipulation, which are modeled after the MFRs set forth in Attachment K to the April 2021 Order in JCP&L's EE&C Plan I Filing, BPU Docket Nos. QO19010040 and EO20090620. Each annual filing to set and adjust Rider LRAM rates shall include the MFRs set forth in Attachment 14 to the Stipulation, which are modeled after the MFRS set forth in Attachment L to the April 2021 Order.
67. JCP&L shall recover or refund net lost or increased revenues from reduced electricity sales demonstrated to have resulted from EE&C Plan II through Rider LRAM. The demonstration of energy savings eligible for lost revenue recovery or refund and associated revenue impact of sales losses or increases resulting from implementation of the Plan, the calculation of lost revenues or increases to be recovered or refunded through Rider LRAM, and the process for adjusting Rider LRAM via annual LRAM adjustment filings shall be in accordance with Attachment 11 to the Stipulation, subject

¹⁹ Attachments 6 and 8 to the Stipulation provide currently projected EE&C2 and Rider RRC rates based on currently forecasted sales. JCP&L intends to amend its petition pending before the Board in its 2023 Rider RRC Filing, BPU Docket No. ER24020075, to include the initial EE&C2 rate for the first six (6)-month program year of EE&C Plan II (or, in other words, Program Year 4). The currently projected EE&C2 and Rider RRC rates in Attachments 6 and 8 to the Stipulation are subject to change.

²⁰ The rate for Rider LRAM is currently the subject of JCP&L's PY 1 Rider LRAM Filing, BPU Docket No. ER23080483, and its PY 2 Rider LRAM Filing, BPU Docket No. ER23110865, which are currently pending before the Board.

- to any amendments that JCP&L, Staff, and Rate Counsel may agree to make to Attachment 11 in pending or future Rider LRAM filings. The Company shall make a filing at the end of each Program Year for recovery of lost revenues or refund for increased revenues under Rider LRAM as soon as practical after the data for the pertinent period becomes available, but no later than six (6) months after the end of the pertinent period. The Company agrees that no further updates to lost revenues to the pertinent year will be provided after a stipulation is entered into for the pertinent year. Recovery of lost revenues through the LRAM for the applicable filing period is subject to the earnings test set forth in Attachment 12 to the Stipulation.
68. Based on the Board's approval of this LRAM, the Company agrees to file a base rate case not later than five (5) years after the commencement of the approved EE&C Plan II, i.e., by January 1, 2030.
69. As set forth in Attachment 6 to the Stipulation, the estimated bill impact for the first program year of EE&C Plan II (running from January 1, 2025 to June 30, 2025) for the typical residential electric customer using 777 kWh per month is an increase of 0.8%, or approximately \$1.06 per month, and, for the final program year of EE&C Plan II (running from July 1, 2026 to June 30, 2027), grows to an increase of 3%, or approximately \$4.03 per month. Additionally, the estimated bill impact for the first program year of EE&C Plan II (running from January 1, 2025 to June 30, 2025) for the typical residential electric customer using 4,662 kWh during the program year is an increase of 0.8%, or \$6.36, over the course of the program year. The cumulative increase over the 12.5-year recovery period is estimated to be \$447.34, or 2.1%, for the typical residential electric customer using 9,324 kWh annually. The maximum annual increase over the 12.5-year recovery period would occur in year 4 and it is estimated to be \$51.03, or 3.2%, over the current annual bill of \$1,610.52.

Triennium 3 Filing

70. The Parties anticipate that in 2026, JCP&L will file a petition seeking approval of a Triennium 3 program on or before a date to be set by the Board. In anticipation of that filing, the Parties agree that any filing will include the following:
- a. JCP&L agrees that, to include a more comprehensive set of data in its Triennium 3 petition, the Company will work with the other utilities, Staff, and Rate Counsel to develop the template reporting spreadsheet by June 30, 2025, using Attachment 15 to the Stipulation as a starting point. The Parties will schedule an initial meeting no later than December 15, 2024. Regardless of the reporting format, the Parties agree that all data will be made available in machine readable format with formulae intact, will be provided for all historical and forecasted years, will have clear units, and where appropriate, dollar years, and will use naming conventions that are common across utilities to the greatest extent possible to facilitate cross-utility comparisons. If the Parties are unable to agree upon the components of the template reporting spreadsheet by June 30, 2025, the Parties will submit, by July 15, 2025, their respective versions of the template reporting spreadsheet with supporting explanation to Staff for consideration and decision as soon as practicable.
 - b. Consistent with the guidance from the May 2023 Order, the New Jersey Cost Test ("NJCT") should be updated prior to the start of each triennium through

stakeholder input and Board approval, including the initial vetting of technical concepts by the NJCT and EM&V Committees. The Company will submit the results of the NJCT with its Triennium 3 filing consistent with the updated NJCT. Nonetheless, the Parties agree that the Company's workpapers supporting Triennium 3 NJCT results will include as a separately identifiable item/column which includes, but not limited to, the financial returns that are expected to arise from each individual energy efficiency program or measure.

- c. JCP&L agrees that loan principal will not appear within the NJCT but any administrative cost passed on to customers of servicing those loans will appear within the NJCT.
- d. JCP&L recognizes that the SWE has identified concerns regarding the level of savings from behavioral programs. JCP&L commits to coordinate with the EM&V Working Group to evaluate the cost benefit of the Behavioral Program in advance of the Triennium 3 filings. The Parties agree that the Triennium 3 framework issued by the Board may provide budget guidance regarding the behavioral programs based on documentable evidence demonstrating causal influence overachieved impacts, acceptable to cost-to-achieve metrics, and cost-effectiveness of behavioral programming under the NJCT.
- e. JCP&L agrees that incentive values proposed in its Triennium 3 petition will be filed together with clear information regarding how each incentive was calculated, its per unit savings values, and how it compares to similar incentives in other similar states.

- 71. The Company agrees to initiate discussion with the New Jersey Department of Banking and Insurance ("DOBI") on or before March 31, 2025 to determine DOBI's requirements, if any, for offering on-bill financing at a rate other than zero in advance of the Triennium 3 filing. Once all requirements are understood by the Company, including those imposed by DOBI and those arising from other applicable laws and regulations, the Company agrees to schedule a joint meeting with all Parties and all other gas and electric utilities by December 1, 2025 regarding the Company's understanding of applicable laws and regulations concerning offering OBR for Triennium 3 at an interest rate other than zero. The Company reserves its right to determine to change its position on how financing may be offered, if at all, but will determine requirements to offer financing at a different interest rate. OBR may then be offered as part of the Company's Triennium 3 filings in accordance with the parameters set forth in any applicable Triennium 3 framework Order or Orders. The Company will copy and include Staff and Rate Counsel on all formal written communications with DOBI.

On October 25, 2024, participant Convergent submitted comments on the Stipulation. In its comments, Convergent stated that it did not object to the Stipulation but urged the Board to consider including DR programs targeted at C&I as part of the Triennium 3 framework and to permit the use of battery storage technologies. Convergent further requested that the Board include industry stakeholders in its development of the Distributed Energy Resources roadmap and other working groups engaged in the future of battery storage and DR within the State.

DISCUSSION AND FINDINGS

The Board carefully reviewed the record in this matter, including the Petition, the Update, Stipulation, and comments received. The Board **HEREBY FINDS** the Stipulation to be reasonable, in the public interest, and in accordance with the law. The Board **FURTHER FINDS** that the Stipulation will benefit New Jersey's residents, energy users, and ratepayers and is consistent with the goals of the CEA and New Jersey's Energy Master Plan, as well as the requirements of the Board's Triennium 2 framework. The Board **FURTHER FINDS** that the Stipulation will bolster New Jersey's clean energy workforce and will continue to improve the ability of low- and moderate-income customers to take advantage of EE programs, initiatives, and opportunities. Accordingly, the Board **HEREBY APPROVES** the attached Stipulation in its entirety and **HEREBY INCORPORATES** its terms and conditions as though fully set forth herein.

Therefore, the Board **HEREBY AUTHORIZES** JCP&L to recover the costs associated with the EE programs through a new "EE&C II" component of its Rider RRC. As a result of the Stipulation, a typical residential customer with a monthly usage of 777 kWh would experience an increase in their monthly bill of \$1.06, or 0.8%. The Board also **HEREBY AUTHORIZES** JCP&L to continue its previously-approved electric Rider LRAM to account for lost revenue resulting from the potential decrease in customer energy usage.

The Board **HEREBY RATIFIES** the decisions made by Commissioner Christodoulou during the pendency of this proceeding for the reasons stated in those decisions and Orders.

The Board **HEREBY ORDERS** the Company to file the appropriate revised tariff sheets conforming to the terms of this Order by December 16, 2024.


The Company's costs will remain subject to audit by the Board. This Decision and Order shall not preclude nor prohibit the Board from taking any actions determined to be appropriate as a result of any such audit.

The effective date of this Order is October 30, 2024.

DATED: October 30, 2024

BOARD OF PUBLIC UTILITIES
BY:


CHRISTINE GUHL-SADOVY
PRESIDENT


DR. ZENON CHRISTODOULOU
COMMISSIONER


MICHAEL BANGE
COMMISSIONER

ATTEST: 
SHERRI L. GOLDEN
SECRETARY

I HEREBY CERTIFY that the within
document is a true copy of the original
in the files of the Board of Public Utilities.

IN THE MATTER OF THE VERIFIED PETITION OF JERSEY CENTRAL POWER & LIGHT COMPANY FOR
APPROVAL OF JCP&L'S SECOND ENERGY EFFICIENCY AND CONSERVATION PLAN INCLUDING ENERGY
EFFICIENCY AND PEAK DEMAND REDUCTION PROGRAMS ("JCP&L EE&C PLAN II FILING")

DOCKET NO. QO23120872

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**STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES**

In the Matter of the Verified Petition of Jersey Central Power & Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing")	:	STIPULATION OF SETTLEMENT BPU Docket No. QO23120872
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APPEARANCES:

Mark A. Lazaroff, Esq. and **Catherine G. Vasudevan, Esq.**, Morgan Lewis & Bockius LLP, for the Petitioner, Jersey Central Power & Light Company

Tori L. Giesler, Esq. and **Michael J. Martelo, Esq.**, FirstEnergy Service Company, for the Petitioner, Jersey Central Power & Light Company

Steven A. Chaplar, Esq., Deputy Attorney General, for the Staff of the New Jersey Board of Public Utilities (**Matthew J. Platkin, Esq.**, Attorney General of the State of New Jersey)

Maura Caroselli, Esq., Managing Attorney – Gas, **Megan C. Lupo, Esq.**, **Mamie W. Purnell, Esq.**, and **Andrew H. Gold, Esq.**, Assistant Deputies Rate Counsel, for the New Jersey Division of Rate Counsel, **Brian O. Lipman, Esq.**, Director, New Jersey Division of Rate Counsel

John M. Kolesnik, Esq., Counsel for the Energy Efficiency Alliance of New Jersey

Steven S. Goldenberg, Esq., Counsel for the New Jersey Large Energy Users Coalition

TO THE HONORABLE BOARD OF PUBLIC UTILITIES:

It is hereby **AGREED**, by and between Jersey Central Power & Light Company ("JCP&L" or "Company"), the Staff of the New Jersey Board of Public Utilities ("Staff"), the New Jersey Division of Rate Counsel ("Rate Counsel"), the Keystone Energy Efficiency Alliance n/k/a Energy Efficiency Alliance of New Jersey ("EEA-NJ"), and the New Jersey Large Energy Users Coalition ("NJLEUC") (collectively, "Parties") to execute this Stipulation of Settlement ("Stipulation") resolving JCP&L's petition in this docket and to join in recommending that the New Jersey Board of Public Utilities ("BPU" or "Board") issue a Final Decision and Order approving this Stipulation.

BACKGROUND

1. Pursuant to the legislative authority set forth in the Regional Greenhouse Gas Initiative (“RGGI”) Act, L. 2007, c. 340 (“RGGI Act”), by Order dated May 8, 2008, the Board authorized New Jersey’s electric and gas public utilities to offer energy efficiency (“EE”) and conservation programs on a regulated basis, provided that the respective utility file a petition and obtain BPU approval for such programs and the associated mechanism for program cost recovery.¹ By the May 2008 Order, the Board also established minimum filing requirements (“MFRs”) that require the submission of certain information with each petition filed pursuant to the RGGI Act. The May 2008 Order also requires each utility to meet with Staff and Rate Counsel at least thirty (30) days prior to filing of a petition pursuant to the RGGI Act to discuss: (a) the nature of the program; (b) the program cost recovery mechanism to be proposed in the petition; and (c) the MFRs to be submitted along with the petition.

2. Pursuant to the Clean Energy Act, L. 2018, c. 17 (“CEA”), by Order dated June 10, 2020, the Board directed New Jersey’s electric and gas utilities to establish EE and peak demand reduction (“PDR”) programs.² By the June 2020 Framework Order, the Board revised the MFRs for EE filings and directed the State’s electric and gas public utilities to file petitions proposing three (3)-year EE programs by September 25, 2020, for approval by the Board by May 1, 2021, and implementation beginning July 1, 2021 and concluding June 30, 2024 (“Triennium 1”).

¹ In re Electric Public Utilities and Gas Public Utilities Offering Energy Efficiency and Conservation Programs, Investing in Class I Renewable Energy Resources, and Offering Class I Renewable Energy Programs in Their Respective Service Territories on a Regulated Basis Pursuant to N.J.S.A. 48:3-98.1, BPU Docket No. EO08030164, Order dated May 8, 2008 (“May 2008 Order”).

² In re the Implementation of P.L. 2018, c. 17 Regarding the Establishment of Energy Efficiency and Peak Demand Reduction Programs, BPU Docket No. QO19010040, Order dated June 10, 2020 (“June 2020 Framework Order”).

3. On September 25, 2020, JCP&L filed a petition seeking approval of its Triennium 1 EE program (“EE&C Plan I”). By Order dated April 27, 2021, the Board approved a Stipulation of Settlement authorizing JCP&L to implement EE&C Plan I with a total budget of \$203,032,357.³ By the April 2021 Order, the Board also approved the Company’s implementation of a cost recovery mechanism which allows for a full return on its EE investment as a component of the Company’s RGGI Recovery Charge (“RRC”).

4. By Orders dated May 24, 2023 and July 26, 2023, the Board set forth the framework for the second three (3)-year period of EE and conservation programs (“Triennium 2”) and directed the State’s public utilities to propose EE programs for Triennium 2 on or before October 2, 2023.⁴ Additionally, by the 2023 Framework Orders, the Board further revised the MFRs for EE filings.

5. On August 29, 2023 and September 5, 2023, joint thirty (30)-day pre-filing meetings were conducted with Staff, Rate Counsel, JCP&L, and the other New Jersey utilities in accordance with the May 2008 Order.⁵

6. In addition, a meeting was conducted on September 14, 2023, with JCP&L, Staff, and Rate Counsel specifically in connection with this matter.

³ In re the Verified Petition of Jersey Central Power & Light Company for Approval of JCP&L’s Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs (JCP&L EE&C), BPU Docket Nos. QO19010040 and EO20090620, Order dated April 27, 2021 (“April 2021 Order”).

⁴ In re the Implementation of P.L. 2018, c. 17, Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs, BPU Docket No. QO23030150, Order Directing the Utilities to Propose Second Triennium Energy Efficiency and Peak Demand Reduction Programs dated May 24, 2023 (“May 2023 Framework Order”); and In re the Implementation of P.L. 2018, c. 17, Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs, BPU Docket No. QO23030150, Order Directing the Utilities to Propose Second Triennium Energy Efficiency and Peak Demand Reduction Programs dated July 26, 2023 (“July 2023 Framework Order”).

⁵ The other New Jersey utilities that participated in the thirty (30)-day meeting were Atlantic City Electric Company, Elizabethtown Gas Company, New Jersey Natural Gas Company, Public Service Electric & Gas Company, Rockland Electric Company, and South Jersey Gas Company.

7. By Order dated September 27, 2023, the Board retained jurisdiction for the EE Triennium 2 petitions, designated presiding commissioners for each filing, and extended the Triennium 2 filing deadline until December 1, 2023.⁶

JCP&L's EE&C PLAN II FILING

8. On December 1, 2023, JCP&L filed a petition with the Board seeking approval of its Triennium 2 Energy Efficiency and Conservation Plan ("EE&C Plan II" or the "Plan") pursuant to Section 13 of the RGGI Act ("Petition").

9. Accompanying the Petition, JCP&L filed the direct testimonies of Edward C. Miller, Manager, Compliance & Development, FirstEnergy Service Company; Carol A. Pittavino, Manager, NJ Rates & Regulatory Affairs, FirstEnergy Service Company; and Brendon J. Baatz, Vice President, Gabel Associates. Mr. Miller's testimony addressed how JCP&L's proposed EE, PDR, and building decarbonization ("BD") programs further the State's goals of implementing EE, PDR, and BD measures and providing access to such measures to low- and moderate-income customers. Mr. Miller also addressed the associated MFRs. Ms. Pittavino's testimony addressed JCP&L's proposed cost recovery mechanism and associated MFRs. Mr. Baatz's testimony addressed the benefit-cost analyses demonstrating that JCP&L's proposed EE&C Plan II is cost effective on an overall portfolio basis, and the associated MFRs.

⁶ In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Establishment of Energy Efficiency and Peak Demand Reduction Programs; In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs; In re Electric Public Utilities and Gas Public Utilities Offering Energy Efficiency and Conservation Programs, Investing in Class I Renewable Energy Resources and Offering Class I Renewable Energy Programs in Their Respective Service Territories on a Regulated Basis, Pursuant to N.J.S.A. 48:3-98.1 and N.J.S.A. 48:3-87.9 - Minimum Filing Requirements, BPU Docket Nos. QO19010040, QO23030150, and QO17091004, Order dated September 27, 2023 ("September 2023 Order").

10. The Petition consisted of ten (10) EE programs, and three (3) other proposed programs, which included a PDR program and BD program, which are required by the 2023 Framework Orders, and a Next Generation Savings program.⁷

11. The Company proposed a total investment budget for EE&C Plan II of \$923,269,478 plus an operations and maintenance (“O&M”) expense budget of \$40,884,283 over the term of the program.

12. Additionally, JCP&L proposed to earn a return on its net investment based on its most recent weighted average cost of capital (“WACC”).

PROCEDURAL HISTORY

13. By Order dated October 25, 2023, the Board revised the Triennium 2 program period and delayed the start of Triennium 2 by six (6) months from July 1, 2024, to January 1, 2025.⁸ By the October 2023 Order, the Board also updated the Triennium 2 energy savings targets for the Triennium 2 EE programs and ordered that Triennium 2 would be a thirty (30)-month period covering January 1, 2025 through June 30, 2027.

14. Under the RGGI Act, once a petition has been filed with the Board, Staff shall have thirty (30) days, commencing on the date the petition was filed, to determine whether the petition is administratively complete and to advise the corresponding utility in writing of any deficiency and set forth the deficiencies and the items required to remedy the deficiencies.

15. On December 28, 2023, Staff informed the Company via letter that it found the Petition to be administratively deficient (“Deficiency Letter”). In response to the Deficiency

⁷ May 2023 Framework Order; July 2023 Framework Order; and In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs, BPU Docket No. QO23030150, Order dated October 25, 2023 (“October 2023 Order”) (collectively, “2023 Framework Orders”).

⁸ October 2023 Order.

Letter, the Company filed supplemental information on January 16, 2024. On January 19, 2024, Staff notified the Company that it reviewed the Petition for completeness and determined it to be administratively complete, thereby establishing the commencement of the Board's 180-day review period under N.J.S.A. 48:3-98.1 on January 16, 2024, with an expiration date of July 15, 2024.

16. By Order dated January 10, 2024, the Board designated Commissioner Zenon Christodoulou as presiding Commissioner in this matter and extended the date for entities to file Motions seeking leave to intervene or participate.⁹

17. On April 12, 2024, Commissioner Christodoulou issued an Order setting a procedural schedule and approving the Parties' Stipulation to Extend the 180-Day Period for the Board to issue a decision pursuant to N.J.S.A. 48:3-98.1 to October 15, 2024.¹⁰

18. JCP&L provided public notice and held two (2) public hearings on the Petition on June 11, 2024. One member of the public made a statement at the public hearing, raising a general concern about rate increases.

19. During the course of settlement discussions, by Orders dated June 10, 2024 and July 1, 2024, Commissioner Christodoulou approved several requests for extensions of the deadline to file testimony in this matter and to suspend the procedural schedule to allow for further settlement discussions.¹¹

⁹ In re the Implementation of P.L. 2018, c. 17, the New Jersey Clean Energy Act of 2018, Regarding the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs *et al.*, BPU Docket Nos. QO23030150, QO23120868, QO23120869, QO23120870, QO23120871, QO23120872, QO23120874, and QO23120875, Order dated January 10, 2024.

¹⁰ In re the Verified Petition of Jersey Central Power and Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including Energy and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing"), BPU Docket No. QO23120872, Order dated April 12, 2024.

¹¹ In re the Verified Petition of Jersey Central Power and Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including Energy and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing"), BPU Docket No. QO23120872, Order dated June 10, 2024; In re the Verified Petition of Jersey Central Power and Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including

20. On October 15, 2024, Commissioner Christodoulou issued an Order approving the Parties' Stipulation to Extend the 180-Day Period for the Board to issue a decision pursuant to N.J.S.A. 48:3-98.1 to October 31, 2024.¹²

21. Following further settlement discussions, the Parties agreed to submit this Stipulation, the terms of which are set forth below. Specifically, the Parties hereby **STIPULATE AND AGREE** to the following:

STIPULATED MATTERS

JCP&L EE&C Plan II Programs

22. The Parties agree that, subject to Board approval of this Stipulation, JCP&L may implement EE&C Plan II under the terms and conditions described herein for a term of two-and-one-half years commencing on January 1, 2025 and ending June 30, 2027. EE&C Plan II will include implementation, administration, and investment in eight (8) EE core programs and three (3) other programs: DR, BD, and the Conservation Voltage Reduction ("CVR") program. The EE core programs are comprised of four (4) residential, three (3) commercial and industrial ("C&I"), and one (1) multifamily program.

23. In addition to the programs above, the Company will also continue its Workforce Development ("WFD") program as required in the 2023 Framework Orders. The Company shall develop a WFD implementation plan, community benefits plan, and evaluation plan, including performance metrics, before or within Program Year 5 of Triennium 2. The Company shall actively seek input and recommendations from the EE WFD Working Group established by the

Energy and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing"), BPU Docket No. QO23120872, Order dated July 1, 2024.

¹² In re the Verified Petition of Jersey Central Power and Light Company for Approval of JCP&L's Second Energy Efficiency and Conservation Plan Including Energy and Peak Demand Reduction Programs ("JCP&L EE&C Plan II Filing"), BPU Docket No. QO23120872, Order dated October 15, 2024

Board in the June 2020 Framework Order and through monthly EE stakeholder meetings to develop and enhance these plans prior to implementation in coordination with the other New Jersey utilities.

24. Upon receipt of any monies received by the Company as direct funding from a State or federal governmental entity for the Company's WFD program, including monies that are allocated for wraparound services, the Company agrees to reduce its WFD budget by the corresponding dollar amount.

25. Except as set forth below, the Company will not designate any funding in its WFD program toward wraparound services. Consistent with the May 2023 Framework Order and procedure set forth in Triennium 1, if the Company decides to provide wraparound services under its WFD program, the Company will work with State and federal agencies to seek any opportunity to receive grants or funding specifically for the provision of wraparound services that may be available to the Company, partner community-based organizations ("CBOs"), and/or participants of the Company's WFD program for wraparound services. To the extent that programs or funding are not available or funding is insufficient, the Company may utilize Triennium 2 WFD dollars to provide these services up to the lesser of \$100,000 or 3% of its approved WFD budget and will coordinate with utilities having overlapping territory to minimize the costs to deliver these services. The utilities are encouraged to seek deeper coordination with CBOs for wraparound services in preparation for Triennium 3.

26. The Company will not utilize its WFD or administrative budget to provide contractors with WFD performance incentives.

27. WFD program funding shall not be utilized to provide training or development to the Company's own employees.

28. JCP&L agrees to withdraw its request to include the Next Generation Savings Program as part of EE&C Plan II.

29. JCP&L agrees to withdraw its request to include the Comfort Partners Program as a component of its Income Qualified Program. The Comfort Partners Program will continue to be managed by the Board. The Parties agree to coordinate to ensure that low-income customers can receive measures comparable to what is offered through the BD program, which may be accomplished through the Comfort Partners program during Triennium 2. The Company will continue to claim savings from the Comfort Partners Program towards its compliance with its quantitative performance indicators (“QPIs”).

30. JCP&L agrees to remove the Behavioral component from the Company’s Load Optimization & PDR Program.

31. The Parties agree that the design for the Triennium 2 programs shall be as described in the Company’s EE&C Plan II, including both the required core programs and utility-led programs, which is Attachment 1 to this Stipulation and incorporated herein by reference. Attachment 1 is subject to modification as permitted by the 2023 Framework Orders or as otherwise approved by the Board.

32. The Parties anticipate that programs will continue to evolve. The Company shall continue to coordinate with the Division of Clean Energy and other utilities with whom the Company has overlapping service territories to achieve consistency where possible in the design and delivery of core programs. To the extent that the utilities jointly decide to implement programs differently than currently envisioned, the Company commits to implement—as permissible under law, this Stipulation, and within approved budgets—consistent elements of the core programs concurrently with all electric and gas utilities in the State as follows:

- Common forms for use by customers and contractors;
- Contractor requirements, open and competitive procurement protocols where feasible, and training;
- Customer and property eligibility requirements and processes, including alternative/automatic eligibility methods for low- to moderate-income customers (e.g., based on census tracts, environmental justice communities, Urban Enterprise Zones, etc.);
- Eligible measures;
- Incentive ranges;
- Incentive payment processes and timeframes;
- Customer and contractor engagement platforms;
- Data platforms and database sharing among program administrators, where appropriate; and
- Quality control standards and remediation policies.

To the extent the Company wishes to change programs in ways that conflict with this Stipulation, the Company will advise all Parties to the Stipulation and seek to modify the Stipulation and obtain Board approval for those changes.

33. The Company agrees to contribute to the design and coordinate on the scope of a one-stop shop website, a platform to provide customers and contractors with a simple and easy-to-understand application process to participate in utility and State EE, BD, and DR programs. The Parties agree to work together to develop a project plan and timeline by June 30, 2025 to launch the website during Triennium 2, if feasible. Key project development milestones include, but are not limited to: initial design phase, development phase, testing and quality assurance, launch, and training. This initiative will be funded at a value not to exceed 1% of the Company's administrative budget.

34. Incentive structures associated with the core programs are described in Attachment 1 to this Stipulation, consistent with the 2023 Framework Orders, and include any additional updates to incentives that are agreed upon as part of this Stipulation.

35. The Parties agree that the Company is authorized to offer up to \$176,688,019 of principal in financing to its customers that will be repaid by program participants and shall not be charged to ratepayers (defaults, however, may be recovered through the Company's Rider Uncollectible Accounts Charge). The Parties agree that financing shall continue to be offered at a 0% interest rate for the duration of Triennium 2. To provide access to financing, the Company plans to contract with a third-party loan administrator to administer no-interest loan opportunities for qualifying customer investments in EE and BD projects. The third-party loan administrator will be responsible for screening customers for eligibility and all loan origination and processing activities. During Triennium 2, the Company will move from an off-bill repayment mechanism to an on-bill repayment ("OBR") mechanism, assuming that an on-bill repayment mechanism does not already exist as of January 1, 2025. JCP&L reserves the right to move to full Company administration. The Company intends to work with the other utilities throughout implementation to continue to provide comparable financing offerings to customers and deliver similar access across the coordinated programs. The Company plans to make this financing option available for customers participating across the residential, multifamily, and C&I sector programs where qualifying measures involve a sizeable cost to the customer, including major appliances, HVAC, home retrofit and multifamily projects, small business direct install projects, C&I prescriptive and custom measures, Energy Solutions projects, and BD. JCP&L agrees to coordinate with the other utilities on evaluation, measurement, and verification ("EM&V") studies to review the impact of

financing offerings on program participation and identify potential modifications that may be implemented in future triennia.

36. The Parties acknowledge the important role played by rebates and incentive levels in customer adoption of EE measures and that the Parties have endeavored to identify a level of rebates and incentives that will allow utilities to achieve their required energy savings targets. During the Triennium 2 period, the Parties agree to revisit specific Triennium 2 rebate/incentive levels if customer participation is inadequate or in excess of what is required to meet the Company's Triennium 2 savings targets and to adjust rebate/incentive levels to ensure that they facilitate appropriate customer participation that will allow the Company to meet its Triennium 2 energy savings targets. Any adjustments will be consistent with the requirements enumerated at page 19 of the May 2023 Framework Order, and any requests to increase a rebate or incentive in excess of the maximum incentive range which is shown as the "up to" amount in Appendix H to Attachment 1 to this Stipulation, will require Board Staff's approval.

37. Customers in JCP&L's service territory who meet the criteria for the various EE&C Plan II offerings will be eligible to participate.

EE&C Plan II Budget by Program

38. The Parties agree to the EE&C Plan II budget as follows:

JCP&L Summary of Program Costs PY2025 to PY2027			
Programs	Admin O&M (\$)	Investment (\$)	Total (\$)
Whole Home	\$2,942,174	\$72,002,537	\$74,944,711
Income Qualified - MI Wx	\$553,260	\$18,682,769	\$19,236,029
Efficient Products	\$2,551,298	\$44,365,508	\$46,916,806
Behavioral	\$526,277	\$6,396,557	\$6,922,834
Residential Total	\$6,573,009	\$141,447,371	\$148,020,380
Energy Solutions	\$10,956,673	\$194,107,508	\$205,064,181
Prescriptive / Custom	\$6,311,274	\$123,839,420	\$130,150,694
Direct Install	\$4,650,006	\$107,876,326	\$112,526,333
Commercial & Industrial Total	\$21,917,953	\$425,823,255	\$447,741,208
Multifamily	\$292,497	\$4,983,541	\$5,276,038
Multifamily Total	\$292,497	\$4,983,541	\$5,276,038
CVR	\$189,010	\$40,000	\$229,010
Building Decarbonization	\$1,570,178	\$25,419,602	\$26,989,780
Load Optimization & PDR	\$424,764	\$9,446,963	\$9,871,727
Additional Utility Programs Total	\$2,183,952	\$34,906,565	\$37,090,517
Workforce Development	\$1,500,000	\$0	\$1,500,000
Outreach to Community - based Orgs.	\$625,000	\$0	\$625,000
Other Portfolio Cost Total	\$2,125,000	\$0	\$2,125,000
Total Programmatic Budget	\$33,092,411	\$607,160,732	\$640,253,143
Net Transfers			(\$43,000,000)
Total Direct Budget			\$597,253,143

OBR financing principal is not included in the above values.

39. The Parties agree that the total programmatic budget for the EE&C Plan II period shall not exceed \$640,253,143, which includes a not to exceed value of \$33,092,411 in O&M expenses.

40. The Parties also agree that the budget for net transfers in utility overlapping territories is (\$43) million, resulting in a total direct budget of \$597,253,143. To the extent that the net transfer budget differs from the stipulated value, the Company will manage any overage or shortfall within the approved total direct budget. The Company shall coordinate the exchange of energy savings and costs with any utility whose service territory overlaps with the Company's service territory ("Partner Utility") consistent with the net transfer process previously employed in Triennium 1, as it may be revised from time to time. The Company also agrees to report its gross inflows and outflows of transfers, the details of which will be determined by Staff, Rate Counsel, and the utilities via the group established by the Board in the June 2020 Framework Order

to facilitate and resolve issues impacting the EM&V of EE and PDR programs implemented pursuant to the CEA (“EM&V Working Group”).

EE&C Plan II Program Expenditures

41. The Parties agree that the total programmatic budget for EE&C Plan II is \$640,253,143, which includes investments and O&M expenses. Investments include all capital expenditures, customer incentives (such as direct incentives, financing costs, health and safety, audit, and installation labor), and outside services (such as third-party program administration and implementation, incentive payment processing, program customer intake processing, direct marketing and outreach, and project quality assurance/quality control). The budget for investments includes amounts that are spent or committed during Triennium 2, amounts reserved to fund projects and incentives for customers who have enrolled in programs during Triennium 2, and program EM&V costs that extend beyond the thirty (30)-month period. The Parties also agree that EE&C Plan II funds may be utilized for a project that was enrolled during Triennium 1 and completed during Triennium 2.

42. The Parties agree that, in order to have programs, vendors, and systems in place to begin delivery on January 1, 2025, program spending may commence upon Board approval of this Stipulation. All EE&C Plan II program expenditures will be filed with the Board and submitted for prudence review in annual cost recovery filings.

Budget Updates

43. JCP&L may shift the timing of spending between or among program years, programs, and sectors, including both core and utility-led programs, as necessary to provide flexibility in responding to market conditions and customer demand and to ensure the achievement

of EE&C Plan II targets during the term of the program in accordance with the limitations and procedures set forth in the 2023 Framework Orders.

- JCP&L may shift program budgets within or among the residential, C&I, multifamily, and other sectors. More specifically, within any 365-day period, JCP&L may shift its budgets between individual programs within the same sector up to and including 25% of the Company's total Triennium 2 budget with notification to Staff and Rate Counsel, greater than 25% and up to 50% with Staff approval, and greater than 50% with Board approval.
- Within any 365-day period, JCP&L may also shift budgets out of a sector up to and including 10% of the Company's total Triennium 2 budget with notification to Staff and Rate Counsel, greater than 10% and up to 20% with Staff approval, and greater than 20% with Board approval.
- Requests for budget adjustments within the 2.5-year Triennium 2 period necessitating Staff approval shall be submitted to Staff and Rate Counsel with a written description of, and rationale for, the proposed transfers and shall be responded to within 30 days. Requests for budget transfers shall identify O&M spending associated with the program(s). Transferred O&M spending shall not be used as investment. Rate Counsel may object within 30 days, in which case Staff shall review within 30 days of Rate Counsel's objection. If there is no response from Rate Counsel or Staff within 30 days of JCP&L's request, those requests shall be deemed granted.

44. The Parties agree that the Company may petition the Board to carry over energy savings in excess of annual compliance goals, from Triennium 1 into Triennium 2 and from any

Triennium 2 program year to another Triennium 2 program year in excess of the parameters established by the 2023 Framework Orders. The Company shall notify Staff and Rate Counsel in its compliance reports the date of its waiver petition and the outcome.

45. The Parties agree that, for purposes of fund transfers among EE&C Plan II programs and sectors, in addition to residential, C&I, and multifamily, there are an additional two (2) sectors that include BD and DR, which will be reflected as “BD” and “DR.” For purposes of budget transfers permitted in Paragraph 43 of this Stipulation, the Parties agree that no funds will be transferred into the BD program.

46. The Parties agree that, for EE projects that commenced prior to or during Triennium 2 that cross program cycles or multiple years within a program cycle, the Company will calculate energy savings based on the TRM in effect when the project commenced.

47. At the end of Triennium 1, the Company will provide a report to Staff and Rate Counsel detailing the committed and uncommitted funds left in the Triennium 1 budget, including any and all extensions. In the event that the Company expects to receive a return on equity reduction penalty as defined by the Triennium 2 Performance Incentive Mechanism, the Company may, upon notice to the Parties, utilize any Triennium 1 funding, including the funding associated with the Triennium 1 Extension period, that was not expended or committed in Triennium 1. If the Company elects to utilize uncommitted budget dollars from Triennium 1, it will not be permitted to earn an incentive under the established Triennium 2 Performance Incentive Mechanism within the program year or years when Triennium 1 funding is expended. During Triennium 2, when applicable, the Company will provide quarterly reports that demonstrate how the Triennium 1 funding was allocated and spent among programs. During Triennium 2, if the

Company requests shifts in budget among programs and sectors, Triennium 1 funds will be reported separately in that request or notice.

Quantitative Performance Indicators

48. The table below includes the Company's proposed QPIs that will be used to track and evaluate the Company's performance in Triennium 2.

QPI	Description	Weight	Unit	Target – Program Total
1. Annual Energy Savings	Verified first year energy savings from measured completed in the given program year	30%	Source MMBtu	4,978,609
2. Annual Demand Savings	Verified peak demand savings from measures completed in the given program year	10%	Peak MW	128
3. Lifetime Energy Savings	Verified lifetime energy savings from measures completed in the given program year	20%	Source MMBtu	49,795,842
4. LMI and OBC Lifetime Energy Savings	Verified lifetime energy savings from measures completed in the given program year from LMI and OBC customers	10%	Source MMBtu	883,077
5. Small Business Lifetime Energy Savings	Verified lifetime energy savings from measures completed in the given program year for small business customers	10%	Source MMBtu	11,804,411
6. Cost to Achieve	Total EE portfolio costs divided by total portfolio verified lifetime energy savings	20%	Total EE Portfolio\$/ Lifetime source MMBtu	12

49. QPI performance periods shall be those set forth in the 2023 Framework Orders. All energy savings from projects and measures from EE&C Plan I¹³ programs, EE&C Plan II programs, and Comfort Partners in the Company's territory completed after January 1, 2025 shall be reported separately in the Company's QPI performance measurement. For the purpose of determining the Company's compliance with the QPIs and achievement of the required energy savings targets, the TRM in effect as of January 1, 2025 shall be used during the term of Triennium

¹³ See April 2021 Order.

2, subject to any annual TRM updates or other relevant guidance adopted in the Triennium 2 Evaluation Framework, except as noted in Paragraph 46 of this Stipulation.

50. The Company will perform EM&V for EE&C Plan II in accordance with the Framework Orders and any recommendations of the EM&V Working Group adopted by the Board, as well as for any additional energy savings claimed by the Company toward the annual energy savings QPI and Triennium 2 targets, subject to guidance adopted in the Triennium 2 Evaluation Framework.¹⁴ All EE&C Plan I projects and measures completed after January 1, 2025 shall also be included in the EE&C Plan II EM&V plan.

51. The Company acknowledges that the EM&V Working Group will update the Triennium 2 Evaluation Framework, as needed, approaching the commencement and performance of Triennium 2, with key elements including, but not limited to: (1) an annual update to the Program Year TRM, (2) removal of the distinction between Category 1 and Category 2 program metrics, (3) evaluation of financing offers, (4) enhancements of data governance and disclosure, (5) submission of EM&V milestone plans, (6) assurance of evaluability of programs, and (7) modifications to quarterly reporting. Updates to the Triennium 2 Evaluation Framework will be presented for comments at monthly EE stakeholder meetings. The Company agrees to comply with any changes resulting from the updated Triennium 2 Evaluation Framework, the terms of which shall apply throughout the whole of Triennium 2.

52. The Company further appreciates the need for enhanced evaluation rigor and shall dedicate the appropriate EM&V resources to conduct joint utility program evaluations where

¹⁴ All energy savings that the Company may seek to apply toward the Company's QPIs, including energy savings from the Company's CVR program, are subject to this provision.

appropriate and to implement the EM&V implementation plans which will be developed in conjunction with New Jersey's Statewide Evaluator ("SWE") at the start of Triennium 2.

53. The Company shall continue to file required quarterly and annual reports and submit data regarding all EE&C Plan II programs, financing initiatives, and related expenses in accordance with the content, format, and timing dictated by the Framework Orders and subsequent directives from the Board, with any required adjustments from Triennium 1 to be developed by the EM&V Working Group.

54. The Parties agree that revised in-service rates, under performance of installed measures, changes in industry standard practices, building codes updates, federal appliance standards, or other market events are some factors that could be reflected in the annual Program Year Update to the TRM. The TRM Committee will work collaboratively with the Company to ensure that TRM updates provide the Company with adequate time to adjust programmatic activities toward the achievement of performance targets. If a mutually agreeable outcome does not occur, the Company reserves the right to petition the BPU for a waiver of enforcement of penalties in the event that performance targets are not achieved as a result of such changes. All Parties reserve all rights to respond to any petition seeking a waiver of any penalties filed by the Company.

Customer Data and Data Sharing

55. Customer information shall be used by the Company to deliver an effective customer experience in compliance with any applicable Board regulations and statutory obligations. The Company shall enforce privacy and data handling policies and procedures for the EE Program that are consistent with JCP&L's customer data security protections, the Framework Orders, and any applicable Board regulations and statutory obligations. In the event of any breach

of the above confidentiality by an affiliate, JCP&L shall remediate this breach to the full extent required by law. In the event of any breach of confidentiality by a vendor hired to deliver the Triennium 2 programs or to evaluate the programs, the Company commits to enforcing the contractual confidentiality requirement to the extent allowed by the law. Any “breach of security” with respect to customers’ “personal information,” as those terms are defined in N.J.S.A. 56:8-161, shall be treated in accordance with the New Jersey Identity Theft Prevention Act, N.J.S.A. 56:8-161 *et seq.*, and Section 3b of the Board’s Cybersecurity Order of March 18, 2016.¹⁵

56. The Company agrees that customer-specific data belongs to the customer, who may request or authorize the Company to share it with suppliers, and that data gathered during the operation of the Triennium 2 programs not specific to any particular customer belongs to the Company and will be used solely to support current or future regulated utility programs, including EM&V work. Such data may not be used for other purposes without Board approval, except as noted in Paragraph 57 of this Stipulation. The Company will also submit non-customer-specific data to the Board in compliance with reporting requirements, as established by the Board. Customer-specific data may be shared with the Board or its contractors for the purposes of program evaluation after the execution of Non-Disclosure Agreements and Company review and approval of the Board’s and/or contractor’s cyber and data security protocols.

57. The Parties also agree that the Company may use customer-specific data or program data from other BPU-approved utility programs for EE&C Plan II, and that other utility BPU approved programs may use data from EE&C Plan II. The Company will not share or use customer specific data for non-utility specific BPU programs. Such data may not be used for other purposes without Board approval.

¹⁵ In re Utility Cyber Security Program Requirements, BPU Docket No. AO16030196, Order dated March 18, 2016.

Cost Recovery Mechanism

58. The agreed upon budget amount includes Company O&M expenses for EE&C Plan II, including Utility Administration, Marketing, Inspections and Quality Control, Workforce Development, Outreach to CBOs, and Evaluation, and such O&M expenses shall not exceed \$33,092,411. The Company will recover its actual reasonable and prudently incurred O&M expenses through its annual Rider RRC filing. Staff and Rate Counsel reserve their rights to challenge the prudence of all costs, including O&M expenses, in future cost recovery filings.

59. The Parties also agree that the Company should be authorized to offer OBR financing in the amount of \$176,688,019 to program participants and recover the financing amounts over time from these same financing participants. As currently structured, the customer repayment periods for the financing plans shall be five (5), seven (7), and ten (10) years, depending on the program and total financing funds made available. The Company will retain the full financing investment for any project where the Company is serving as the lead utility—that is, where work is commissioned on behalf of a Partner Utility who will ultimately pay for the EE measures installed. The Parties agree that the Company should be allowed to earn a return on the outstanding investment balance for financing expenditures where the Company is serving as the lead utility, through its revenue requirement and the administrative costs of providing financing consistent with the Capital Structure/Return on Equity discussed below. In computing the return component of its costs, the Company shall, in addition to a reduction for the accumulated amortization of its investments, deduct the applicable deferred income taxes related to the amortization of program costs over a five (5)-year, seven (7)-year, and ten (10)-year period for book purposes and over one (1) year for tax purposes. The Company shall continue to calculate

the monthly net investment balances by subtracting from the monthly net investment balances the current month-end accumulated amortization balances.

60. The Parties agree that JCP&L may recover the revenue requirements for EE&C Plan II costs through the EE&C2 component of Rider RRC, as described below and in Attachments 2 through 10 to this Stipulation. The Plan costs include investments, such as Customer Incentives, Outside Services, Information Technology costs, Financing Costs, and O&M expenses, including related Utility Administration, Workforce Development, Inspections and Quality Control, Marketing, and where appropriate, a return on investment, Outreach to Community-Based Organizations, and Evaluation expenses. The revenue requirement shall be modified by any net revenue offsets from PJM capacity resources, marketplace revenues negotiated with vendors, or any other source of revenues as a result of the implementation of the Plan. There will be no Allowance for Funds Used During Construction associated with the Plan program expenditures.

61. In the rate adjustment proceedings provided for in Paragraph 60 of this Stipulation (and in establishing initial rates), the projected and actual revenue requirements for EE&C Plan II investments and expenses recovered through the EE&C2 component of Rider RRC shall be calculated as summarized in this paragraph.

- The revenue requirement for the rate adjustments to the EE&C2 component of Rider RRC will be calculated using the following formula:

Revenue Requirement = [(Pre-Tax Cost of Capital * Rate Base) + Amortization + O&M Expense – Revenue Offsets]. The Company will also apply the appropriate factor to collect applicable New Jersey Sales and Use Tax. Uncollectible expense associated with EE&C Plan II, such as defaults related to OBR, is not included in

the Revenue Requirement because it will be recovered along with other uncollectible expenses in existing Rider Uncollectible Accounts Charge.

- “Pre-Tax Cost of Capital” means JCP&L’s pre-tax, overall WACC for EE&C Plan II, which is 9.13%, as set forth in Attachment 2 to this Stipulation, based on the Company’s current authorized return on equity, long-term debt, and capital structure, including income tax effects, approved by the Board on February 14, 2024, in the JCP&L 2023 Base Rate Filing, BPU Docket No. ER23030144. Any change in the WACC authorized by the Board in a base rate case following this Stipulation will be reflected in the revenue requirement calculations and subsequent rate adjustment filings for JCP&L’s Rider RRC. Any changes to current tax rates will be reflected in an adjustment to the WACC.
- “Rate Base” = Cumulative Investments – Accumulated Amortization of Investments – Accumulated Deferred Income Tax (“ADIT”). Note that the “Pre-Tax Cost of Capital * Rate Base” component of the formula provides recovery of the return on the unamortized EE&C Plan II investments in rate base.
 - “Cumulative Investments” = Plan-to-date investments, such as Customer Incentives, Outside Services, and Information Technology.
 - “ADIT” is calculated as Book Amortization less Tax Depreciation, multiplied by the statutory composite federal and state income tax rate, which is currently 28.11%. Any future changes to the book amortization or tax depreciation rates during the EE&C Plan II period and at the time of each rate adjustment, will be reflected in the accumulated amortization

and/or ADIT calculation described above. All EE&C Plan II investments in Rate Base will be expensed in the year of investment for tax purposes.

- “Amortization” provides for recovery of EE&C Plan II investments based on a 10-year amortization of such investments. Amortization for ratemaking purposes will be done monthly, using a straight-line method. The current month’s amortization will be included in the current month’s revenue requirement and will also increase the current month’s Accumulated Amortization of Investments.
- “O&M Expense” means expenses for Utility Administration, Inspections/Quality Control, Workforce Development, Marketing, Outreach to Community-Based Organizations, and Evaluation required to conduct EE&C Plan II.
- “Revenue Offsets” encompasses PJM capacity market revenues (net of costs associated with auction participation, including but not limited to replacement capacity charges, capacity deficiency charges and any unavoidable PJM charges), marketplace revenues negotiated with vendors, financial benefits from the usage of data, or any other source of revenue that results from the implementation of EE&C Plan II, which are credited as a reduction to revenue requirements.

62. The Parties agree that JCP&L is authorized to defer for recovery as a component of the Company’s O&M expense upon the effective date of the Board Order, which will be reviewed for prudence in the Company’s subsequent Rider RRC filings, as referenced in Paragraph 42 of this Stipulation. These budgeted costs will be recovered in the initial rates set for Rider RRC for the first six (6)-month program year of EE&C Plan II as a component of the Company’s O&M expense.

63. The Company will collect the revenue requirement through a \$/kWh consumption charge for all rate schedules.

64. JCP&L will recover its EE&C Plan II revenue requirements through the EE&C2 component of Rider RRC. Currently projected rates for Rider RRC during Triennium 2, which are subject to change, are provided in the schedule in Attachment 6 to this Stipulation and the tariff page for Rider RRC, which is provided as Attachment 8 to this Stipulation.¹⁶ Additionally, the Company will recover lost revenues from reduced electricity sales associated with the Plan through Rider LRAM. Currently projected rates for Rider LRAM during Triennium 2, which are subject to change, are provided in Attachment 7 to this Stipulation. A copy of the tariff page for Rider LRAM is provided as Attachment 9 to this Stipulation.¹⁷

65. JCP&L will adjust EE&C2 rates and reconcile prior period recoveries in its annual Rider RRC filing made on February 1 each year, in accordance with JCP&L's tariff. The foregoing annual filing process will adjust EE&C2 rates for the subsequent period to: 1) provide refunds or adjustments to reconcile the projected Revenue Requirements for the prior period to actual Revenue Requirements based on actual EE&C Plan II costs; and 2) recover projected EE&C Plan II Revenue Requirements for investments and expenses costs for the prospective period. The adjustment of EE&C2 rates in the annual Rider RRC filing shall include the reconciliation of any over- or under-recovery of the projected Revenue Requirements for the prior period to actual Revenue Requirements, which will include the return on the On-Bill Financing Costs. In addition,

¹⁶ Attachments 6 and 8 to this Stipulation provide currently projected EE&C2 and Rider RRC rates based on currently forecasted sales. JCP&L intends to amend its Petition pending before the Board in its 2023 Rider RRC Filing, BPU Docket No. ER24020075, to include the initial EE&C2 rate for the first six (6)-month program year of EE&C Plan II (or, in other words, Program Year 4). The currently projected EE&C2 and Rider RRC rates in Attachments 6 and 8 to this Stipulation are subject to change.

¹⁷ The rate for Rider LRAM is currently the subject of JCP&L's PY 1 Rider LRAM Filing, BPU Docket No. ER23080483, and its PY 2 Rider LRAM Filing, BPU Docket No. ER23110865, which are currently pending before the Board.

the Company will accrue carrying costs on a monthly basis on the over/under recovered balance calculated based on the average balance net of tax at an interest rate equal to the rate on two-year constant maturity Treasuries, as shown in the Federal Reserve Statistical Release on or closest to January 1 of each year, plus sixty (60) basis points, compounded annually as of January 1 of each year.

66. Each annual filing to adjust the EE&C2 component of Rider RRC rates shall include the MFRs set forth in Attachment 13 to this Stipulation, which are modeled after the MFRs set forth in Attachment K to the Board's April 27, 2021 Order in JCP&L's EE&C Plan I Filing, BPU Docket Nos. QO19010040 and EO20090620. Each annual filing to set and adjust Rider LRAM rates shall include the MFRs set forth in Attachment 14 to this Stipulation, which are modeled after the MFRS set forth in Attachment L to the Board's aforementioned April 27, 2021 Order.

67. JCP&L shall recover or refund net lost or increased revenues from reduced electricity sales demonstrated to have resulted from EE&C Plan II through Rider LRAM. The demonstration of energy savings eligible for lost revenue recovery or refund and associated revenue impact of sales losses or increases resulting from implementation of the Plan, the calculation of lost revenues or increases to be recovered or refunded through Rider LRAM, and the process for adjusting Rider LRAM via annual LRAM adjustment filings shall be in accordance with Attachment 11 to this Stipulation, subject to any amendments that JCP&L, Staff, and Rate Counsel may agree to make to Attachment 11 in pending or future Rider LRAM filings. The Company shall make a filing at the end of each Program Year for recovery of lost revenues or refund for increased revenues under Rider LRAM as soon as practical after the data for the pertinent period becomes available, but no later than six (6) months after the end of the pertinent

period. The Company agrees that no further updates to lost revenues to the pertinent year will be provided after a stipulation is entered into for the pertinent year. Recovery of lost revenues through the LRAM for the applicable filing period is subject to the earnings test set forth in Attachment 12 to this Stipulation.

68. Based on the Board's approval of this LRAM, the Company agrees to file a base rate case not later than five (5) years after the commencement of the approved EE&C Plan II, i.e., by January 1, 2030.

69. As set forth in Attachment 6 to this Stipulation, the estimated bill impact for the first program year of EE&C Plan II (running from January 1, 2025 to June 30, 2025) for the typical residential electric customer using 777 kWh per month is an increase of 0.8% or approximately \$1.06 per month, and, for the final program year of EE&C Plan II (running from July 1, 2026 to June 30, 2027), grows to an increase of 3% or approximately \$4.03 per month. Additionally, the estimated bill impact for the first program year of EE&C Plan II (running from January 1, 2025 to June 30, 2025) for the typical residential electric customer using 4,662 kWh during the program year is an increase of 0.8% or \$6.36 over the course of the program year. The cumulative increase over the 12.5-year recovery period is estimated to be \$447.34 or 2.1% for the typical residential electric customer using 9,324 kWh annually. The maximum annual increase over the 12.5-year recovery period would occur in year 4 and it is estimated to be \$51.03 or 3.2% over the current annual bill of \$1,610.52.

Triennium 3 Filing

70. The Parties anticipate that in 2026, JCP&L will file a petition seeking approval of a Triennium 3 program on or before a date to be set by the Board. In anticipation of that filing, the Parties agree that any filing will include the following:

- a. JCP&L agrees that, to include a more comprehensive set of data in its Triennium 3 petition, the Company will work with the other utilities, Staff, and Rate Counsel to develop the template reporting spreadsheet by June 30, 2025, using Attachment 15 to this Stipulation as a starting point. The Parties will schedule an initial meeting no later than December 15, 2024. Regardless of the reporting format, the Parties agree that all data will be made available in machine readable format with formulae intact, will be provided for all historical and forecasted years, will have clear units, and where appropriate, dollar years, and will use naming conventions that are common across utilities to the greatest extent possible to facilitate cross-utility comparisons. If the Parties are unable to agree upon the components of the template reporting spreadsheet by June 30, 2025, the Parties will submit, by July 15, 2025, their respective versions of the template reporting spreadsheet with supporting explanation to Staff for consideration and decision as soon as practicable.
- b. Consistent with the guidance from the May 2023 Framework Order, the New Jersey Cost Test (“NJCT”) should be updated prior to the start of each triennium through stakeholder input and Board approval, including the initial vetting of technical concepts by the NJCT and EM&V Committees. The Company will submit the results of the NJCT with its Triennium 3 filing consistent with the updated NJCT. Nonetheless, the Parties agree that the Company’s workpapers supporting Triennium 3 NJCT results will include as a separately identifiable item/column which includes, but not limited to, the financial returns that are expected to arise from each individual energy efficiency program or measure.

- c. JCP&L agrees that loan principal will not appear within the NJCT but any administrative cost passed on to customers of servicing those loans will appear within the NJCT.
- d. JCP&L recognizes that the SWE has identified concerns regarding the level of savings from behavioral programs. JCP&L commits to coordinate with the EM&V Working Group to evaluate the cost benefit of the Behavioral Program in advance of the Triennium 3 filings. The Parties agree that the Triennium 3 framework issued by the Board may provide budget guidance regarding the behavioral programs based on documentable evidence demonstrating causal influence over achieved impacts, acceptable to cost-to-achieve metrics, and cost-effectiveness of behavioral programming under the NJCT.
- e. JCP&L agrees that incentive values proposed in its Triennium 3 petition will be filed together with clear information regarding how each incentive was calculated, its per unit savings values, and how it compares to similar incentives in other similar states.

71. The Company agrees to initiate discussion with the New Jersey Department of Banking and Insurance (“DOBI”) on or before March 31, 2025 to determine DOBI’s requirements, if any, for offering on-bill financing at a rate other than zero in advance of the Triennium 3 filing. Once all requirements are understood by the Company, including those imposed by DOBI and those arising from other applicable laws and regulations, the Company agrees to schedule a joint meeting with all Parties and all other gas and electric utilities by December 1, 2025 regarding the Company’s understanding of applicable laws and regulations concerning offering OBR for Triennium 3 at an interest rate other than zero. The Company reserves its right to determine to

change its position on how financing may be offered, if at all, but will determine requirements to offer financing at a different interest rate. OBR may then be offered as part of the Company's Triennium 3 filings in accordance with the parameters set forth in any applicable Triennium 3 framework Order or Orders. The Company will copy and include Staff and Rate Counsel on all formal written communications with DOBI.

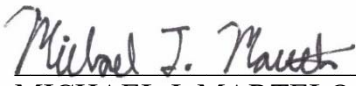
Further Provisions

72. This Stipulation represents a mutual balancing of interests, contains interdependent provisions, and, therefore, is intended to be accepted and approved in its entirety. In the event that any particular aspect of this Stipulation is not accepted and approved in its entirety by the Board, any Party aggrieved thereby shall not be bound to proceed with this Stipulation and shall have the right to litigate all issues addressed herein to a conclusion. More particularly, in the event that this Stipulation is not adopted in its entirety by the Board in any applicable Order, then any Party hereto is free to pursue its then available legal remedies with respect to all issues addressed in this Stipulation as though this Stipulation had not been signed.

73. It is the intent of the Parties that the provisions hereof be approved by the Board as being in the public interest. The Parties further agree that they consider the Stipulation to be binding on them for all purposes herein.

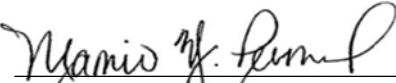
74. It is specifically understood and agreed that this Stipulation represents a negotiated agreement and has been made exclusively for the purpose of these proceedings. Except as expressly provided herein, the Parties shall not be deemed to have approved, agreed to, or consented to any principle or methodology underlying or supposed to underlie any agreement provided herein, in total or by specific item. The Parties further agree that this Stipulation is in no way binding upon them in any other proceeding, except to enforce the terms of this Stipulation.

**JERSEY CENTRAL POWER & LIGHT COMPANY
PETITIONER**

By: 
MICHAEL J. MARTELO, ESQ.
COUNSEL

Dated: October 18, 2024

**BRIAN O. LIPMAN, ESQ., DIRECTOR
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By: 
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Dated: October 18, 2024

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By: 
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Dated: October 18, 2024

ENERGY EFFICIENCY ALLIANCE OF NEW JERSEY

By: 
JOHN M. KOLESNIK, ESQ.
POLICY COUNSEL

Dated: October 18, 2024

NEW JERSEY LARGE ENERGY USERS COALITION

By: 
STEVEN S. GOLDENBERG, ESQ.
GIORDANO, HALLERAN & CIESLA, P.C.

Dated: October 18, 2024



JERSEY CENTRAL POWER & LIGHT COMPANY

**Energy Efficiency and Peak Demand Reduction
Programs**

(For the period January 1, 2025, through June 30, 2027)

**Docket Nos. QO19010040; QO23030150 and
QO17091004**

October 11, 2024

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List of Acronyms

A/C	Air Conditioner
AHU	Air Handling Units
AMI	Advanced Metering Infrastructure
ASHRAE	American Society of Heating, Refrigerating, and Air Conditioning Engineers
BD	Building Decarbonization
BOC	Building Operations Certification
BPI	Building Performance Institute
BPU	Board of Public Utilities
BRA	Base Residual Auction
C&I	Commercial and Industrial
CEA	Clean Energy Act of 2018
CEE	Consortium for Energy Efficiency
DI	Direct Install
DLC	Design Lights Consortium
DSM	Demand Side Management
EDC	Electric Distribution Company
EE	Energy Efficiency
EE&C	Energy Efficiency and Conservation
EM&V	Evaluation, Measurement and Verification
EPRI	Electric Power Research Institute
FRR	Fixed Resource Requirement
HE	High Efficiency
HES	Home Energy Score
HP	Horsepower
HPwES	Home Performance with ENERGY STAR
HVAC	Heating Ventilation and Air Conditioning
IA	Incremental Auction
ICAP	Installed Capacity
IT	Information Technology
JCP&L	Jersey Central Power and Light
kW	Kilowatt
kWh	Kilowatt-hour
LED	Light-Emitting Diode
LMI	Low-to-Moderate income
M&V	Measurement & Verification
MFR	Minimum Filing Requirements
MI	Moderate Income
MOPR	Minimum Offer Price Rules
MUSH	Municipalities, Universities, Schools, Hospitals
MW	Megawatt

MWh	Megawatt-hour
MWVBES	Minority, Women, Veteran and Service-Disabled Veteran Owned Businesses
NJ	New Jersey
NJACCA	New Jersey Air Conditioning Contractors Association
NJAEE	New Jersey Association of Energy Engineers
NJBPU	New Jersey Board of Public Utilities
NJCEP	New Jersey's Clean Energy Program
NJCT	New Jersey Cost Test
NJPHCC	New Jersey Association of Plumbing, Heating, and Cooling Contractors
OBR	On-Bill Repayment
PDR	Peak Demand Reduction
PJM	Pennsylvania, Jersey, Maryland Power Pool/PJM Interconnection, L.L.C.
POS	Point of Sales
PTAC	Packaged Terminal Air Conditioner
PTHP	Packaged Terminal Heat Pump
PY	Plan Year
QA/QC	Quality Assurance/Quality Control
QHEC	Quick Home Energy Check-up
QPIs	Quantitative Performance Indicators
RCx	Retro-Commissioning
RTU	Roof Top Units
SEE Action	State and Local Energy Efficiency Action Network
SEM	Strategic Energy Management
SEMP	Strategic Energy Management Plan
SHEMS	Smart Home Energy Management Systems
SWC	Statewide Coordinator
T&D	Transmission and Distribution
T&R System	Tracking and Reporting System
TPICs	Third-Party Implementation Contractors
TRM	Technical Reference Manual
TVs	Televisions
UCAP	Unforced Capacity
UCT	Utility Cost Test
UEZ	Urban Enterprise Zones
UPS	Uninterruptable Power Supply
VCx	Virtual Commissioning
VFDs	Variable Frequency Drive

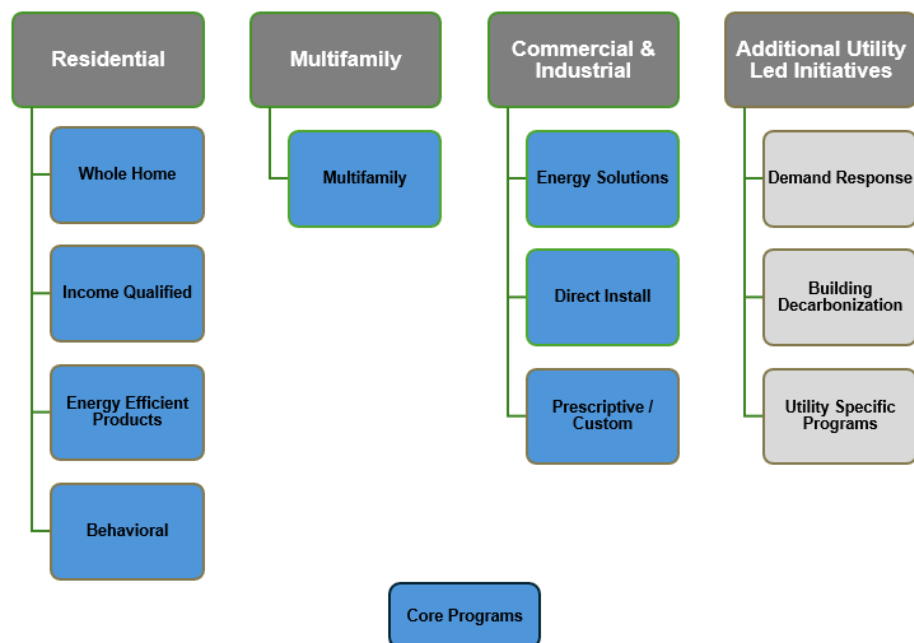
2.0 INTRODUCTION

This Program Plan was developed to address JCP&L’s plan for the delivery of Energy Efficiency, Building Decarbonization Start-up and Demand Response programs that JCP&L proposes to offer for Triennium Two which will cover the thirty-month period from January 1, 2025, to June 30, 2027.

Due to the coordinated nature of the core energy efficiency programs, JCP&L, along with the other New Jersey investor-owned utilities, have developed consistent Program Descriptions (MFR II.) that cover the program-specific MFRs (MFR II.a.i - II.a.vi) for all of the core programs. Accordingly, all of the information presented in Section 3a (Core Programs) is consistent information across all of the Utility filings. Utility specific information regarding those programs, which aligns with the requirements of MFRs II.a.vii - II.a.x, is presented in the associated supporting Appendices, which match in format, but provide different information for each utility.

The program templates for the Additional Utility Led Initiatives (Section 3b of this program plan) follow a consistent format but contain utility specific proposals.

The graphic below demonstrates the organization of the programs. As discussed above, all programs noted in blue as core have consistent Program Descriptions within each Utility’s program plan. The descriptions for all other programs are utility specific.



In addition, some information contained in the Portfolio Information section (Section 4) is consistent, while the remaining subsections are utility specific. The following subsections contain consistent information across all of the utilities:

- 4e: Evaluation, Measurement and Verification (MFR VI.)

- 4f: Reporting Plan (MFR VIII.)
- 4g: Overburdened Community Standardization

Sections 4a-4d and Section 4h and 4i each present information specific to each utility.

Additionally, Section 5: Consistent Delivery in Overlapping Territories (MFR II.c.) is consistent among the Utilities.

As noted above, all of the appendices are formatted similarly and in the same order, but present utility-specific information. Appendix H: Incentive Ranges is formatted similarly but has some variation due to differences in utility specific program proposals.

Background

The Board of Public Utilities (the “BPU” or the “Board”) directed each electric public utility and gas public utility in the State of New Jersey (“NJ”) to propose energy efficiency (“EE”) and peak demand reduction (“PDR”) programs pursuant to the EE provisions of the Clean Energy Act of 2018 (the “CEA” or the “Act”) for the second cycle of programs (“Triennium 2”) in Orders 8B of May 24, 2023 (the “May 24 Order”), 8C of July 26, 2023 (the “July 26 Order”), and 8G of October 25, 2023 (the “October 25 Order”),¹ in Docket Nos. QO19010040, QO23030150, and QO17091004 (collectively, the “Orders”). In response, Jersey Central Power and Light (“JCP&L” or the “Company”) submits, for review and approval by the BPU, this Energy Efficiency and Conservation (“EE&C”) Plan (“EE&C Plan II” or the “Plan”) that includes a portfolio of programs for Triennium 2.

The CEA directs the BPU to require each electric company to procure or provide cost-effective programs and services with projected verifiable electricity savings that are designed to achieve annual reductions of at least 2% of the average annual electricity usage in the prior three years. The Orders provide guidance for EE and PDR programs pursuant to the Act, the framework for cost-effectiveness screening, and establish a methodology for determining compliance with EE goals.

Attachment C to the July 26 Order directs electric utilities to propose Demand Response (“DR”) Programs consistent with the DR Programs Framework, including the DR Guiding Principles, and encourages electric utilities to design such programs to leverage Advanced Metering Infrastructure (“AMI”) deployment. The Plan includes a DR Program that aligns with the Board’s DR Guiding Principles.

The Orders establish energy use reduction targets, including target percentages for the “Utility Program Annual Energy Savings Target” for Plan Year (“PY”) 2025 (January 1, 2025 - June 30, 2025), PY2026 (July 1, 2025 - June 30, 2026), and PY2027 (July 1, 2026 - June 30, 2027). Based on these target percentages and the Company’s actual or forecasted retail sales for the period

¹ The October 25 Order established that the second cycle of programs are for a 30-month cycle beginning January 1, 2025.

January 1, 2022, through June 30, 2026, the Company’s planning targets used in developing the Plan are shown in the following table:

Table 1: Program Year Planning Targets				
Program Year ²	Energy Efficiency Baseline Net MWh ¹	Utility Program Annual Energy Savings Target	Required Energy Efficiency Savings Net MWh	Required Energy Efficiency Savings Net Source MMBTU
2025	20,066,175	1.28%	128,424	1,084,298
2026	20,012,136	1.57%	314,191	2,625,375
2027	20,074,617	1.56%	313,164	2,589,506
Total	60,152,927	-	755,778	6,299,179

¹ Based on actual and forecasted retail sales, excluding wholesale sales, for the prior three-year period for each year (e.g. 2025 based on average of actual retail sales for 2022 and 2023, and forecasted retail sales for

² Program Year 4 (“PY4”) is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order.

The three-year rolling average EE baselines upon which the EE benchmarks are based, are also shown in Table 1.

In January 2020, the Board released New Jersey’s 2019 Energy Master Plan (“EMP”). The EMP identifies the building sector as a key opportunity for reducing energy consumption and greenhouse gas (“GHG”) emissions, as aging infrastructure requiring replacement presents near term possibilities for electrification. In February 2023, Governor Murphy signed Executive Order No. 316, directing that “[i]t is the policy of the State to advance the electrification of commercial and residential buildings with the goal that, by December 31, 2030, 400,000 additional dwelling units and 20,000 additional commercial spaces and/or public facilities statewide will be electrified, and an additional 10 percent of residential units serving households earning less than 80 percent of area median income will be made ready for electrification through the completion of necessary electrical repairs and upgrades.”

In accordance with this New Jersey policy, Attachment B to the July 26 Order provides guidance on the establishment of building decarbonization (“BD”) start-up programs (“BD Programs”). The Plan includes a BD Program to advance BD and beneficial electrification that aligns with such guidance.

JCP&L designed the programs outlined in EE&C Plan II based on the four primary goals:

1. Comply with CEA and Board Order requirements and directives;
2. Establish a program framework that is adaptable and scalable to meet the aggressive and increasing energy savings targets over time;
3. Continue, improve, and expand the EE&C and DR programs, increasing customer awareness, customer, program and trade ally participation, experience, and momentum for the future; and
4. Include a BD program to align with New Jersey’s GHG reduction strategy that will inform future electrification program strategies with regard to cost effectiveness, verification, and other key program variables.

Programs Overview

EE&C Plan II includes a comprehensive portfolio of EE&C programs for the residential, commercial, and industrial (“C&I”), and multifamily sectors, as well as other Company initiatives included as part of the “Additional Utility Led” section of the Plan. The Plan incorporates Core Utility Programs and Additional Utility Led Programs based on enhancements to existing NJ programs and successful programs in NJ and other jurisdictions. The Plan also continues and expands the Company’s existing DR Program in alignment with the Board’s DR Guiding Principles and introduces a BD Program dedicated to beneficial building electrification measures and technologies. The proposed BD program will leverage the delivery and incentive structures supporting implementation of EE measures in all Sectors, providing incentives, direct installation, and financing for a range of beneficial building electrification measures.

The Core Programs and Additional Utility Led initiatives are based on collaboration with other NJ Utilities to promote coordinated program design and delivery. The Plan incorporates both near- and long-term energy saving opportunities for customers in all Sectors, including single and prescriptive measures, multiple prescriptive and custom measures, direct install, and comprehensive whole building solutions. The table below provides an overview of the Company’s Plan, providing, for each proposed program, the program type and a brief description:

Table 2: Program Portfolio Plan Summary		
Program	Program Type	Description
Residential Programs		
Whole Home	Core Utility	Comprehensive program providing whole home energy efficiency opportunities, including assessments, to market rate customers.
Income Qualified	Core Utility	Comprehensive program providing whole home energy efficiency opportunities, including assessments with direct installed measures, weatherization services, and HVAC repair/replacement provided at no additional cost to participating moderate income qualified customers
Energy Efficient Products	Core Utility	Provides incentives for HVAC, appliances, appliance recycling, consumer electronics, and other energy-saving equipment through a variety of channels.
Behavioral	Core Utility	Provides energy use information, including analytics, and information and tips related to energy conservation via digital and/or mailed reports to residential customers
Commercial & Industrial Programs		
Energy Solutions	Core Utility	Comprehensive program offering various whole-building solutions to energy efficiency upgrades, including energy assessments, engagement, comprehensive services and technical support.
Prescriptive / Custom	Core Utility	Provides opportunities for commercial and industrial facilities to implement individual or groups of efficiency measures based on prescriptive rebates and/or per kwh and per therm financial incentives for custom measures
Direct Install	Core Utility	Provides an energy assessment and financial incentives for the direct installation of energy efficiency measures; the program aims to make energy efficiency upgrades more accessible to small commercial customers
Multifamily		
Multifamily	Core Utility	Provides a variety of options for multifamily properties, to fulfill the needs of this diverse customer segment, including financial incentives for in unit or common areas energy efficiency solutions as well as more comprehensive offerings, such as but not limited to direct install whole-building retrofits.
Additional Utility		
CVR	Additional Utility	Program that performs engineering analysis to identify and select, and implements, monitors and maintains the reduction of voltage at select Company substations and distribution circuits to reduce customer energy consumption and demand
Building Decarbonization	Additional Utility	Provides rebates for, and financial incentives for the direct installation of, electrification of building heating, water heating, cooking equipment and potentially other measures as applicable protocols are established or in coordination with other utilities
Load Optimization & PDR	Additional Utility	Targets energy and peak demand savings through Load Control. Targets customer connected devices in homes and businesses, including smart thermostats and potentially other measures, to achieve energy and peak demand savings.

Residential Sector Programs – The residential programs are designed to address both educational and initial cost barriers and to tap a variety of delivery channels and vendors to support customer engagement, education, and participation. The residential programs include direct or targeted programs that engage customers by, among other things, educating them about EE, and serve as a portal for other program offerings by informing them of other program services and opportunities they can leverage. To promote the participation of all residential customers and address initial cost barriers, the residential programs incorporate strategies to change behaviors and include incentives and access to financing. The residential programs provide opportunities for prescriptive equipment incentives and direct installation services for customers who are individually unable or unwilling to undertake whole home/comprehensive solutions. The residential programs also provide opportunities for customers interested in whole home/comprehensive solutions. Additionally, residential customers will be eligible to participate in a load control (*e.g.*, smart thermostat) DR Program offering, leveraging AMI deployment to support evaluation of energy savings. Finally, customers will have the opportunity to participate in BD programs (with incentives, direct installation, and/or financing), driving carbon reductions, as well as source energy efficiencies, across fuels. Customers will be provided education to understand energy and emissions impacts to make well-informed choices.

Throughout implementation of the Plan, JCP&L will strive to identify moderate-income customers and to promote their participation in the Company's program offerings. The Income-Qualified Program provides an opportunity for moderate-income customers to receive EE measures and upgrades at no cost. The Company has also designed certain residential programs to coordinate with its overlapping gas companies. The coordinated programs will provide shared customers of the Company and the overlapping gas companies with access to both gas and electric measures to target greater energy savings opportunities through coordinated program delivery.

Commercial and Industrial Sector Programs – The C&I programs are similarly designed to engage and educate customers, incorporate strategies to change behaviors, address the initial cost barrier through incentives, and tap a variety of delivery channels and vendors to promote the participation of all C&I customers. C&I customers are also addressed through programs that provide opportunities, including prescriptive rebates, custom measures, direct install, and whole building/comprehensive solutions. The programs include specific opportunities that ensure access for small business customers and provide opportunities for single or multiple prescriptive and/or custom measures, so that customers who are individually unable or unwilling to undertake whole building/comprehensive solutions are still able to increase EE. Additionally, the programs provide opportunities for customers interested and able to participate in whole building/comprehensive solutions, encouraging them to consider a holistic approach to EE.

Small business customers with smart meters will also have the opportunity to participate in the Load Control (*e.g.*, smart thermostat) DR program offering. Finally, EE&C programs will be leveraged

to offer and provide BD program services supporting beneficial building electrification measures (with incentives, direct installation, and/or financing) that reduce carbon emissions. Customers will be provided education to understand energy and emissions impacts to make well-informed choices.

The Company has also designed certain C&I programs to coordinate with its overlapping gas companies. The coordinated programs will provide customers served by the Company and overlapping gas companies access to incentives and support for implementing both gas and electric measures to target greater energy savings opportunities through coordinated program delivery.

Multifamily Sector Programs – Similar to the residential and C&I programs, the multifamily program is designed to address both educational and initial cost barriers to support customer engagement, education, and participation. The program will be targeted to engage customers and to educate and inform them about EE, program services, and opportunities upon which they can act. The program incorporates strategies to change behaviors, and, to promote the participation of all customers and address the initial cost barrier, includes incentives and access to financing. The program provides opportunities for direct install and prescriptive equipment, so that customers who are individually unable or unwilling to undertake whole building/comprehensive solutions are still able to increase EE. The program also provides opportunities for customers interested in whole building/comprehensive solutions, encouraging them to consider a holistic approach to EE. Finally, customers will have the opportunity to participate in BD programs (with incentives, direct installation, and/or financing), driving carbon reductions as well as source energy efficiencies, across fuels. Customers will be educated to understand energy and emissions impacts to make well-informed choices. The Company has also designed the multifamily program to coordinate with its overlapping gas companies. The coordinated programs will provide shared customers of the Company and overlapping gas companies with access to both gas and electric measures to target greater energy savings opportunities through coordinated program delivery.

Additional Utility Led Programs – JCP&L has included Additional Utility-Led programs as part of EE&C Plan II. More specifically, the Company proposes three initiatives to deliver energy and peak demand savings: (1) a DR program; a (2) BD program; and (3) a conservation voltage reduction (“CVR”) program.

For DR, the Company proposes to expand the existing Home Optimization & PDR program, which leverages customer connected devices, such as smart thermostats, to potentially include additional residential and small business customers. The program targets the reduction of customer energy usage in peak periods through control of customer connected devices (load control). In EE&C Plan II, this program is referred to as the Load Optimization & PDR program.

As discussed above, the Plan includes a BD program, which will leverage the delivery of EE&C programs across all Sectors to provide incentives, direct installation, and/or financing for a range of beneficial building electrification measures, including building and water heating. The program will also educate customers, enabling them to make well-informed choices when participating in the program.

The Plan also introduces a CVR Program, under which the Company will perform engineering analysis to identify and implement, and monitor and maintain, voltage reductions at selected substations and distribution circuits across its service territory to achieve additional energy and demand savings.

Collectively, the proposed programs span all Sectors and cover all the major energy-consuming devices in the home, building, or business, thus increasing the opportunity for more customers to participate and benefit from one or more programs. Furthermore, the proposed programs promote and support comprehensive whole home/whole building/comprehensive solutions as called for under the Orders.

Other Key Plan Elements

As discussed above and in more detail in Section 4h, to further JCP&L's EE goals, the Company proposes to continue providing access to financing in Triennium 2. The Company believes that low-to no-cost financing will be necessary to achieve the increasingly aggressive goals during Triennium 2, and notes that financing is common in states that achieve high levels of savings. To provide access to financing, initially, the Company plans to contract with a third-party administrator; providing low-to no-interest loan opportunities for qualifying customer investments in EE and BD projects, with the option to move towards Utility administration during the Triennium. The Company plans to make this financing option available for customer participation across the residential, C&I, and multifamily, and Additional Utility Led programs where qualifying measures involve a sizeable cost to the customer to participate, including major appliances, heating, ventilation, and air conditioning ("HVAC") equipment, home retrofit and multifamily projects, small business direct install projects, C&I prescriptive and custom measures, and Energy Solutions projects.

JCP&L will also strive to complement its program offerings and increase participation by leveraging incentives available through the Inflation Reduction Act of 2022 (the "IRA"). The IRA establishes incentives for customer investments in clean energy technologies through rebate opportunities and tax credits, with a focus on EE, electrification, and LMI consumers. Together with the other New Jersey Utilities, the Company will work with appropriate NJ agencies to leverage IRA programs, after the U.S. Department of Energy makes the funding available to state energy offices. The Company will aim to inform customers who may be eligible for both the Plan and IRA incentives and tax credits so that such customers can leverage the total incentives available to them, further encouraging participation. The Company and its contractors will support customer participation in the State programs, as they are developed, through information and awareness building.

The Plan relies on experienced, outsourced Third-Party Implementation Contractors ("TPICs"), and leverages prior experiences, volume cost efficiencies, and a variety of delivery channels that will support successful and efficient program operations and customer participation. The TPICs will be responsible for managing program operations, including engaging customers and trade allies, and performing program and trade ally engagement, recruitment, and training. To the extent possible, the Company will leverage the existing program implementation processes to support timely

program transition and implementation for the EE&C Plan II. The Company will use TPICs to transition and implement the various programs identified in the Plan, which will include, at a minimum, the identification of appropriate staffing skills and levels and the hiring of personnel and contractors, trade ally engagement, recruitment and training processes, and the development of website(s), promotional strategies, and processes, ensuring quality and other controls supporting successful program transition and implementation. The TPICs' transition and start-up phase will include communication and coordination with Company personnel to: (i) present seamless processes for customers, allies, or contractors to participate in the existing and/or new programs; (ii) maximize process efficiency and controls; and (iii) leverage Company relationships and communications with customers. The Company has and will continue to monitor the performance of the TPICs on an on-going basis, and may engage other TPICs, either in addition to, or in place of, current TPICs, if needed throughout implementation of the Plan to support successful program implementation.

JCP&L recognizes the importance of supporting Workforce Development Programs to fulfill new job opportunities and provide the workforce and skills created and required by New Jersey's growing clean energy economy. As discussed in more detail in Section 4b, the Plan includes a commitment to workforce development and job training through participation in the EE Workforce Development Working Group. As a member of this group, the Company will work with peer utilities and/or other New Jersey initiatives to identify areas in the existing workforce that may require additional skills and resource development to support successful implementation of the Company's programs, and to develop or leverage partnership opportunities to efficiently pursue and generate the desired workforce development opportunities. The Company will also consider the amount of business placed with minority, women, veteran, and service-disabled veteran owned businesses ("MWVBes") when evaluating contract proposals from vendors and contractors, and will promote the hiring of local, underrepresented, and disadvantaged individuals, as well as subcontracting with MWVBes, by its TPICs.

Projected Savings, Costs, and Cost-Effectiveness Results

The following chart illustrates the energy, demand, and one million British thermal units ("MMBtu") savings results projected under EE&C Plan II for each program year by program type:

Table 3: Portfolio Plan Projections				
	Energy Efficiency		Demand Response	Building Decarbonization
Program Year¹	KWh Savings	KW Savings	KW Savings	Source MMBTU Savings
2025	116,370,063	24,609	11,425	2,157
2026	268,528,711	56,888	15,147	8,579
2027	267,986,904	57,845	19,193	8,533
Total	652,885,678	139,342	45,764	19,269

1. 2025 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

See Appendix A for more information regarding the projected energy savings of the Plan.

JCP&L projects the total costs of EE&C Plan II to average nearly \$400 million per year. The chart below provides the summary of portfolio cost by program type, year, and in total:

Table 4: Summary of Portfolio Costs ¹				
Program Year ²	Energy Efficiency	Demand Response	Building Decarbonization	Total
2025	\$ 116,750,002	\$ 2,479,128	\$ 3,836,177	\$ 123,065,306
2026	\$ 241,799,847	\$ 3,268,786	\$ 11,573,229	\$ 256,641,862
2027	\$ 244,841,787	\$ 4,123,813	\$ 11,580,374	\$ 260,545,974
Total Programmatic Budget	\$ 603,391,636	\$ 9,871,727	\$ 26,989,780	\$ 640,253,143
Net Transfers	\$ (43,000,000)			
Total Direct Budget	\$ 560,391,636	\$ 9,871,727	\$ 26,989,780	\$ 597,253,143

1. Excludes Financing Principle

2. 2025 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

To respond to market conditions and customer demand, and to ensure achievement of Plan targets during Triennium 2, the Company may shift the timing of spending between Program Years (which, with the exception of PY2025, run from July 1 through June 30 of the following calendar year). Appendix B provides more information regarding the projected budgets of the Plan.

The successful implementation of the Plan is projected to be cost-effective at the portfolio and sector level under the New Jersey Cost Test ("NJCT"), having benefit-cost ratios greater than 1.0 based on the Company's cost-effectiveness analysis. The table below provides the cost-effectiveness results at the total portfolio and sector level for the NJCT, as well as additional tests completed as supplemental information:

Table 5: Portfolio Summary of Cost-Effectiveness Results						
Sector	Cost - Benefit Ratio (NJ Cost Test)	Cost - Benefit Ratio (Participant Cost Test)	Cost - Benefit Ratio (Program Administrator Cost Test)	Cost - Benefit Ratio (Ratepayer Impact Measure Test)	Cost - Benefit Ratio (Total Resource Cost Test)	Cost - Benefit Ratio (Societal Cost Test)
Residential	1.5	3.3	0.5	0.3	0.6	1.2
Commercial & Industrial	3.0	6.6	0.8	0.6	1.3	2.7
Multifamily	1.4	1.4	1.7	0.7	0.6	1.3
LMI	1.0	2.3	0.3	0.2	0.4	0.9
Total Portfolio	2.4	5.2	0.7	0.5	1.0	2.2

The Company refers the Board to the testimony of Brendon J. Baatz of Gabel Associates, Inc. for detailed information regarding the cost-effectiveness analysis and results of the Plan.

3.0 PROGRAM DESCRIPTIONS

The Utilities will administer the following core programs to engage customers and encourage the pursuit of EE solutions from single transactions to comprehensive upgrades. The Utilities will strive to provide customized guidance wherever possible and provide supporting resources to make EE retrofits more accessible for all customers. Core Programs include:

Residential Core

Whole Home Program: This program provides incentives to encourage customers to understand more about the energy saving opportunities in their home through a home energy assessment and to pursue comprehensive upgrades to their home. Incentives will be offered to encourage these customers to invest in EE.

Income Qualified Program: This program offers eligible LMI customers a free energy assessment to understand more about the energy saving opportunities. These customers can receive EE measures and upgrades, along with potential health and safety measures, with no additional cost for participating.

Energy Efficient Products Program: This program provides incentives for Efficient Products, including retail products, appliance rebates, HVAC equipment, and appliance recycling.

Behavioral Program: This program educates and provides customers with easy-to-understand information about their energy use, the usage of their peers, and suggested actionable steps to generate awareness and motivate customers to achieve energy savings through behavioral changes and engagement with other EE programs.

Commercial Core

Energy Solutions Program: This program is designed to address the needs of C&I customers that are interested in comprehensive EE solutions. Incentives will be offered to encourage these customers to invest in EE.

Prescriptive & Custom Program: This program promotes the installation of high-efficiency electric and/or natural gas equipment to customers, either via the installation of prescriptive or custom measures or projects to C&I customers. Incentives will be offered to encourage these customers to invest in EE.

Direct Install Program: This program is focused on installation of efficiency measures for small businesses, non-profit organizations, municipalities, schools, and faith-based organizations (“eligible customers”) that typically lack the time, knowledge, or financial resources necessary to investigate and pursue EE. Incentives will be offered to encourage these customers to invest in EE.

Multifamily Core

Multifamily Program: This program recognizes the variation in property types of multifamily housing and takes a collaborative approach, working in conjunction with

customers, to identify the most important efficiency projects with a focus on encouraging more comprehensive projects wherever possible and offering incentives to encourage the investment in EE.

3a. Core Programs

As discussed in the introduction, all core Program Descriptions (covering MFR II.a.i - II.a.vi) are consistent among each Utility's Program Plan.

3a.i Residential Sector

The core Residential Sector programs are described below and include:

- Whole Home
- Income Qualified
- Energy Efficient Products
- Behavioral

3a.i.1 Whole Home Program

Program Description (MFR II.a.i)

The Whole Home Program consists of two main components:

1. A home energy assessment
2. Incentives and financing options to encourage the customer to pursue the recommended upgrades

The home energy assessment is intended to provide residential customers with an understanding of opportunities to save energy. The home energy assessment will serve as a comprehensive review and may combine the direct installation of standard energy saving measures with the identification of a full range of potential additional opportunities. The assessment may include various diagnostic testing, such as blower door testing, and provide the option to have assessors install a smart thermostat during the visit.

The home energy assessment may be in person or may leverage videoconferencing software and therefore be virtual or hybrid. The home energy assessments may also target the identification of specific opportunities that may align with other Utility programs, including those measures identified in Additional Utility-Led Initiatives.

All assessors will have the necessary qualifications, although these may vary based on the technical needs of the assessment type.

Utilities will strive to prescreen interested customers to determine if they appear to be eligible for the Income Qualified Program which can provide substantial EE improvements at no additional cost to participants. Customers that are identified as eligible for the Income Qualified program will be served directly through that program. However, the Utilities recognize that this income

eligibility may be determined at a later point and will work to ensure those customers move to treatment under that program to access the no-cost benefits.

During the visit, the assessor will perform a walk-through of the customer's home with the customer to identify opportunities to save energy. The assessors may identify health and safety issues observed and may perform more detailed diagnostic tests on the home. The program will offer energy education to participants to better understand usage patterns and practices, along with behavioral suggestions to improve the way they use energy in their home. The assessment will prioritize deeper energy saving opportunities such as weatherization and space heating over lower cost upgrades. Other opportunities for energy savings may also be offered including making referrals to other EE programs and for program opportunities based on the needs for that premise and the customer's interest in pursuing additional upgrades. This may also include directly proceeding to address weatherization needs and other opportunities, referring to trade allies who are able to support measures offered in other programs, including Additional Utility-Led Initiatives, or sharing information about the products and incentives available under other programs.

Although the program may provide a variety of types of assessment options and additional opportunities in order to best suit the varying needs of its customers, it will promote a holistic approach for customers to explore and invest in the efficiency and comfort of their homes. All participants in this program must have an initial home energy assessment. To ensure the upgrades are accessible to customers, there will be financing available to eligible customers through either an On-Bill Repayment ("OBR") or access to financing with similar terms. In addition, customers will be informed of relevant federal tax credits.

This program is designed to review the entire status of a home, including equipment, and building envelope to achieve deeper energy savings.

Target Market or Segment (MFR II.a.ii)

The Whole Home program will be available to all single-family and single-family attached (1 to 4 unit properties) electric and/or natural gas customers served by at least one of the participating investor-owned utilities in New Jersey. Utilities will focus marketing efforts on homes that may have a greater opportunity for energy savings, including both annual and lifetime energy savings. Where possible, the program will seek to use metered data to target homes where there is potential to save 20% and more in energy.

Standard EE measures installed during that visit may include but not be limited to LED bulbs, energy and water saving showerheads, kitchen faucet aerators, bathroom faucet aerators, gaskets, power strips and other energy saving measures. All participants will receive a report that outlines the findings during the appointment and summarizes the measures received, the recommendations made, and the incentives available.

In addition, some utilities may implement an online portal for contractors for cases where the assessments do not directly identify a specific scope of work. Should the customer choose, their assessment can be posted on their lead utility's contractor portal. This portal allows contractors to

view customers' assessments and provide an estimate on recommended upgrades and provides customers easy access to participating contractors.

Potential measures incentivized through this program include but are not limited to insulation, air sealing, smart thermostats, HVAC, and water heating. If the customer proceeds with follow-up work within this Whole Home program, the scope of work is required to include air sealing and any necessary building envelope improvements (*e.g.*, insulation) and any required health and safety repairs.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.a.iv)

The Utilities will provide the home energy assessment to their interested customers; Utilities may provide the home energy assessment at no additional cost or for a fee, which may be discounted for certain customers or for promotional periods to drive activity. The home energy assessment may include the direct installation of standard EE measures that are appropriate for their home. Participating customers may also benefit from receiving EE conservation tips, recommendations for additional opportunities, and referrals to other EE programs based upon the opportunities identified for their home.

Utilities will provide incentives to encourage customers to implement the measures recommended during their assessment. Incentives will be designed to optimize participation through the program and facilitate an easy participation process. The Utilities may also provide incentives to contractors related to job completion.

Refer to Appendix H for the Summary of the Existing and Proposed Incentive Ranges for this program. The Utilities and/or TPICs will strive to complete consumer or contractor payments within 60 days following completion of contractor work, submission of complete and required paperwork, and completion of program requirements, such as necessary field inspections (if required).

Customer Financing Options (MFR II.a.v)

There is no need for a financing component for the home energy assessment. OBR or access to financing with similar terms will be available to eligible customers for recommended measures installed.

Refer to Section 4h of this Program Plan for the Summary of Proposed Financing for the comprehensive solutions pursued under this program.

Contractor Requirements and Role (MFR II.a.vi)

The Utilities will administer and oversee this program and may select a TPIC to manage delivery of this program. Customers who are already working with an approved Whole Home contractor can have the home energy assessment performed directly by that contractor.

The Utilities' staff and/or their implementers will oversee all aspects of the program, including training, engagement, and QA/QC. There will be a significant focus on developing, training, and growing a qualified trade ally network. This will include trade ally training sessions, workshops, and opportunities to become approved contractors and to participate in Utility-led workforce

development initiatives. Utility staff and/or TPICs may maintain a close relationship with trade allies to ensure consistent program delivery experience and high customer satisfaction.

Trade allies will consist of companies employing trained professionals to complete whole home and a wide range of energy-saving projects. In order to facilitate trade ally access to participants, Utilities or the TPIC will maintain a list of companies and professional services where customers can find local trade allies based on geography and other criteria.

The Utilities will encourage all participating trade allies to also look for opportunities to promote measures from the Residential Efficient Products program, such as home appliances (*e.g.*, clothes washers) and other Utility programs to increase energy savings and leverage those incentives. Contractor outreach and training will also include information on the availability of financing and tax credits.

Customer Access to Current and Historic Energy Usage Data (MFR II.b.viii)

Refer to Section 4c of this Program Plan for a description of how each utility will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings Relative to QPIs (MFR II.a.viii)

Refer to Appendix A for information on these MFRs.

Program Budget, By Year (MFR II a.ix), and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

3a.i.2 Income Qualified Program

Program Description (MFR II.a.i)

The Income-Qualified Program provides an opportunity for moderate income customers to receive EE measures and upgrades at no cost to participate.

As a part of this program, eligible customers will have a comprehensive energy assessment of their home, which may include direct install measures (such as showerheads, faucet aerators, LED bulbs, and power strips) and/or weatherization measures (such as insulation, air sealing, and duct sealing), and energy education. Customers may also be eligible to receive installation, repairs or replacement of water heating, and heating and/or cooling systems. Health and safety measures may also be addressed to enable EE improvements.

During the assessment, in addition to the installation of measures, the program will offer energy education to better understand participants' usage patterns and practices, along with behavioral suggestions to improve the way they use energy in their home. The assessment may include various diagnostic testing such as blower door testing. Based on the assessment recommendations, the participant may also be given the opportunity for additional building envelope measures (such

as air sealing and building insulation) to be installed. The assessment will prioritize deeper energy saving opportunities such as weatherization and space heating over lower cost upgrades.

The home energy assessment may also target the identification of specific opportunities that may align with other Utility programs, including those measures identified in Additional Utility-Led Initiatives.

Target Market or Segment (MFR II.a. ii)

The Income-Qualified Program will be available to income-qualified customers served by at least one investor-owned utility in New Jersey. Eligibility for these enhanced incentives may be determined based on screening an individual customer, categorical eligibility for moderate income customers, or special screening if the physical location is within the boundaries of a Low or Moderate Income census tract or an Overburdened Community (“OBC”), or any other agreed upon designation by the Board. Please refer to Section 4g of this Program Plan for more information on special treatment for OBC customers. Qualifying guidelines may be adjusted based on updates to federal or state guidelines. Utilities will focus marketing efforts on homes that may have a greater opportunity for energy savings, including both annual and lifetime energy savings. Where possible, the program will seek to use metered data to target homes where there is potential to save 20% and more in energy.

In addition to single family dwellings, the Income Qualified Program can serve multifamily buildings between 2-8 units. Furthermore, all 9 unit or larger multifamily buildings will be directed to the Utilities’ multifamily program.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.a.iv)

The customer may receive no-cost EE measures and upgrades with a per project guideline and health and safety expense protocol. The program may include design components that provide benefits to low-income customers where participation or services are deferred by the NJ Comfort Partners Program. Refer to Appendix H for the Summary of Proposed Incentive Ranges for this program.

The Utilities and/or the TPICs will strive to complete contractor payments within 60 days following completion of contractor work, submission of complete and required paperwork, and completion of program requirements, such as necessary field inspections (if required).

Customer Financing Options (MFR II.a.v)

All services provided under this program are at no cost to the customer to participate; so, financing is not relevant.

Contractor Requirements and Role (MFR II.a.vi)

Utility staff and/or TPICs will oversee all aspects of the program, including contractor training and engagement, quality assurance, and fulfillment of program services. Contractor outreach and training will include information on other Utility programs, as well as the availability of financing and tax credits. The home energy assessment and efficiency improvements will be conducted by

Utility staff, TPICs, and/or program contractors. The Utilities and/or TPICs will oversee their staff and subcontractors and engage contractors to educate them on the program benefits to reliably complete the home assessments and install energy efficient equipment and improvements for participating customers. The Utilities and/or TPICs will also verify the eligibility of customers and will maintain a close relationship with contractors to ensure a consistent program delivery experience.

Contractors will consist of companies employing qualified professionals who are able to complete assessments and energy-saving projects.

Customer Access to Current and Historic Energy Usage Data (MFR II.b.iii)

Refer to Section 4c of this Program Plan for a description of how the Utilities will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings Relative to QPIs (MFR II.a.viii)

Refer to Appendix A for information on these MFRs.

Program Budget, By Year, (MFR II a.ix) and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

3a.i.3 Energy Efficient Products Program

Program Description (MFR II.a.i)

This program will promote the installation/replacement of energy efficient electric and natural gas equipment by residential customers by offering a broad range of energy efficient equipment and appliances through a variety of channels, which may include an online marketplace, downstream rebates to customers (including but not limited to in-store or online, up-front rebates, and reduced point of sale costs), a midstream or upstream component, and a network of trade allies. These sales channels may also be leveraged to promote Additional Utility- Led Initiatives, may provide incentives for energy efficient heating and cooling equipment, water heating equipment, appliances, smart thermostats, as well as other EE products and for appliance recycling. On-bill repayment or access to financing with similar terms will be available for select products.

The program may:

- Provide incentives for products that reduce energy use in the home and provide information about other programs that encourage the installation of high efficiency equipment.
- Provide upstream and/or midstream incentives to retailers and/or distributors.
- Continue to support and/or provide downstream approaches for certain measures.
- Provide online or other channels for customers that include but are not limited to online and in-store eligibility options to acquire select energy efficient products.
- Ensure the participation process is clear, easy to understand, and simple for the customer

and contractor.

- Recognize unique barriers that income-qualified customers face and employ strategies to address those barriers, including no cost measures and/or enhanced incentives where appropriate.
- Encourage customers to recycle inefficient appliances.

This program will increase adoption of energy efficient equipment and products by harnessing the unique utility-customer relationship to positively impact the entire sales process surrounding efficient equipment, from customer education and awareness, engagement with trade ally contractors and equipment distributors and retailers, to on-bill repayment or access to financing with similar terms for select products.

Utility staff and/or a TPIC may assist with the administration, oversight, and delivery of the program. Activities may include efforts to raise awareness of the program, ongoing refinements to the list of eligible measures, validating customer eligibility, and processing incentives, and conducting outreach to and securing partnerships with retailers, wholesalers, distributors, manufacturers, and trade allies to ensure all customers are able to easily purchase energy efficient products and equipment through the program. Customer engagement and sales channels may include:

- **Post-Purchase (Downstream) Rebates:** Rebates made available to customers after they have made their purchase. Applications may be available online or in stores to submit either electronically or in hard copy with proof-of-purchase.
- **Midstream or Upstream Rebates:** The Utilities may pursue a midstream or upstream rebate component to encourage the purchase of certain efficient equipment. The Utilities may work with retail partners (such as Home Depot, Lowe's, etc.), distributors, or manufacturers to ensure that measures are available throughout the state.
- **Point of Sale Rebates:** Prescriptive rebates made available at the point of sale for select products.
- **Online Marketplace:** The online marketplace is an easy-to-use source for the purchase of efficient products and services. Participants can browse energy efficient equipment and appliances and purchase through the marketplace, which will offer instant rebates. The marketplace may also include non-incentivized items that can help drive traffic, increase uptake in incentivized measures, and expose customers to other Utility and/or state offered clean energy programs.
- **Appliance Recycling:** Rebates will be provided to customers for recycling qualifying, inefficient, operating appliances. Offering an incentive for the drop off or pick-up and removal of an appliance prevents the appliance from being maintained as a second unit or transferred to another customer. In addition, periodic events may be offered at centralized drop off locations where customers can drop off qualified inefficient operating appliances. The program may also target appliance retailers for participation or offer bulk appliance recycling.
- **Trade Allies:** A network of trade allies created to promote the program. The trade ally network may consist of qualified installation contractors, plumbers, electricians, and other trade service professionals who meet all applicable statewide requirements for performing the respective service (e.g., HVAC license and insurance requirements). Trade allies will

be able to leverage the program and offer customers rebates through their normal course of business.

- **Efficient Product Kits:** Kits to introduce and promote EE technologies with high in-service rates that can be easily installed in a customers' home. Similar to the Online Marketplace, the kits can act as a gateway to other programs by including EE&C education and promotional materials for other program opportunities. Where appropriate, the Utilities may partner with foodbanks, schools, and community organizations and participate in energy assistance outreach events to offer the kits. Kits may be requested or physically picked up by the customer. No unsolicited kits will be sent to new or existing customers.

Regardless of the delivery mechanism, the Utilities will take steps to ensure customers are made aware of Utility engagement in helping to offset upfront costs of the efficient products, including relevant federal tax credits.

Target Market or Segment (MFR II.iii)

The target market for this program will be all electric and/or natural gas customers served by at least one investor-owned utility in New Jersey. The program is focused on promoting the sale and installation of efficient electric and natural gas equipment across all major residential end-use categories, and can be easily promoted to program allies, trade allies, and customers via rebates. Examples of technologies incentivized through this program include heating/cooling equipment, water heating equipment, electronics, appliances, smart thermostats, water saving measures, weatherization items, pre-packaged kits, and other efficient products. The program will also promote the retirement, recycling, and replacement of old refrigerators, freezers, and other inefficient appliances.

The Utilities may offer enhanced incentives for LMI customers. Eligibility for these enhanced incentives may be determined based on screening an individual customer, categorical eligibility (which may vary for LMI customers), or special screening if the physical location is within the boundaries of a LMI census tract, an OBC, or any other agreed upon designation by the Board. Please refer to Section 4g of this Program Plan for more information on special treatment for OBC customers. Qualifying guidelines may be adjusted based on updates to federal or state guidelines.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.A.iv)

The Utilities propose to provide a range of incentives depending on the measure, subject to changes based upon customer response and marketplace changes over the plan period. Incentives will vary depending on the specific product, the incremental cost of the high-efficiency technology, and the product maturity in the marketplace. Refer to Appendix H for the Summary of Existing and Proposed Incentive Ranges for this program.

Incentives will be available in several ways. Strategies may include:

- Mail-in applications available from the retailer, the program website, or directly from contractors;
- Online rebate forms;
- Point of Sale, Marketplace, or In-store at the time of purchase;

- Special sale events in retail stores;
- Manufacturer buy down to retailer;
- Midstream or upstream incentives to retailers, distributors, or manufacturers; and
- Partnerships with community groups, schools, and/or non-profit organizations.

In instances where incentives are not immediate, the Utilities will strive to complete consumer or contractor payments within 60 days following completion of contractor work, submission of complete and required paperwork, and completion of program requirements, such as necessary field inspections (if required).

Customer Financing Options (MFR II.a.v)

OBR or access to financing with similar terms will be available to eligible customers for select measures.

Refer to Section 4h of this Program Plan for the Summary of Proposed Financing for this program.

Contractor Requirements and Role (MFR II.a.vi)

The Utilities and/or TPICs will be responsible for identifying and engaging retail and wholesale entities dealing in energy efficient equipment to on-board them with the program vision, eligible efficient products, rebates, and ways to participate. Additionally, the Utility and/or TPICs may engage trade allies, including local HVAC, electrical, plumbing, and other contractors, to educate them on program benefits and build a trade ally network which will install energy efficient equipment for participating customers. The electric utility and/or TPICs may engage with transportation services to pick-up and provide recycling services for old, working appliances. The Utility and/or TPICs will also monitor participation to assess the effectiveness of outreach efforts, incentive levels, delivery methods, and both program ally and trade ally availability. The Utility and/or TPICs will be responsible for the management of the online marketplace.

By allowing participants to select a trade ally they are comfortable with for select products, the program reduces barriers to entry related to knowledge of EE, confidence in assessments and measure installation. The Utilities will perform customer satisfaction and other quality assurance and quality control activities to monitor and verify that quality standards are met.

Customer Access to Current and Historic Energy Usage Data (MFR II.b.ii)

Refer to Section 4c of this Program Plan for a description of how each Utility will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings relative to OPIs (MFR II.a.viii)

Refer to Appendix A for information on these MFRs.

Program Budget, By Year, (MFR II a.ix) and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

3a.i.4 Behavioral Program

Program Description (MFR II.a.i)

The Residential Behavioral program educates and provides customers with easy-to-understand information about their energy use, the usage of their peers, and suggested actionable steps to generate awareness and motivate customers to achieve energy savings through behavioral changes and engagement with other EE programs. Direct mailed and/or electronic home energy reports (“HERs” and “eHERs” collectively) will be the cornerstone of the program and will provide participants with customized, easy to implement action steps and recommendations to reduce energy consumption and support behavior modification for improved EE. The HERs will present participants with a view of their historical energy consumption compared to peer group customers. Depending upon the availability of metering data and their program design, the Utilities may issue usage and/or other bill alerts by email or other means.

The program may also offer an internet-based home energy self-audit to all residential customers. This audit assists customers to better understand their energy usage and opportunities for energy savings.

An online portal may be used to provide customers with usage information, recommendations, tips, and links to other available EE programs. The Utilities may utilize the information gathered from various program offerings to not only gain a better understanding of the residential customer base, but also assist in making smart decisions moving forward with EE programs.

The Utilities may share other EE program participation information with their respective Behavioral vendor. Incorporating participation feedback into the program on a prospective basis can improve the customer experience and potentially lead to higher engagement (*e.g.*, build higher confidence in relevance of energy saving advice) and participation in other energy saving programs.

Target Market or Segment (MFR II.a.ii)

The program will provide HERs to residential customers for whom sufficient usage data is available and the vendor can cost effectively provide the service and maintain an appropriate control group. This number will be reviewed periodically and may be modified to enhance cost-effective energy savings. The online energy audit may be available to all residential customers per utility. The HERs and online audit may offer tailored recommendations to reduce their energy consumption.

The program targets residential customers potentially including market rate, LMI, and multifamily customers. These customers receive customized energy saving tips and other program opportunities available to them including income-qualified programs.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.A.iv)

There is no cost to participate for customers. Customer incentives to increase engagement may be explored by some utilities.

Customer Financing Options (MFR II.a.v)

Since there is no cost for participating customers, there is no need for a financing component.

Contractor Requirements and Role (MFR II.a.vi)

The Utilities will utilize a third-party provider and/or Utility staff to provide services under this program. The Utilities' HER vendors will distribute HERs to residential customers at no charge to the participant. Customers will also have access to online functionality provided under the program that all customers can easily utilize to update their profile, see additional tips on how to save energy, complete the online audit tool, and review their usage over time.

Customer Access to Current and Historic Energy Usage Data (MFR II.b.iii)

Refer to Section 4c of this Program Plan for a description of how each Utility will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings relative to OPIs (MFR II.a.viii)

Refer to Appendix A for information on these MFRs.

Program Budget, By Year, (MFR II a.ix) and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

3a.ii Commercial & Industrial Sector

The core Commercial & Industrial Sector programs are described below and include:

- Energy Solutions
- Prescriptive & Custom
- Direct Install

3a.ii.1 Energy Solutions Program**Program Description (MFR II.a.i)**

The Energy Solutions program is designed to address the needs of C&I customers that are interested in comprehensive EE solutions. This program recognizes that a broad range of approaches is needed to help C&I customers identify, develop, and complete multiple measures to comprehensive projects to save energy and meet other business objectives based on their unique circumstances. Accordingly, this program will include three distinct pathways to help the customers assess their opportunities, provide financial incentives, and provide technical assistance services to encourage and support them to take actions. These three pathways include:

1. Engineered Solutions Tier 1 will provide tailored comprehensive EE support on projects that require significant auditing, technical support, and engineering work. Incentives will be offered to encourage these customers to invest in EE. Engineered Solutions Tier 1 will provide guided consultative service throughout delivery to support customers in identifying and undertaking large EE projects, while requiring no up-front funding from the customer.

Through Tier 1, customers will be provided with an in-depth audit of their facilities, as well as a detailed assessment and recommendation of EE measures that could be economically installed. Customer incentives are determined on a project-by-project basis. In addition to the calculated project-by-project incentive, participants will have the option to pay back the non-incentive portion of the project costs through a repayment plan. Through this pathway, larger participants in market segments that have typically been underserved, such as but not limited to municipal, university, school, and hospital (“MUSH”) customers, are able to achieve greater energy savings.

2. The Engineered Solutions Tier 2 pathway will provide tailored EE assistance to C&I customers in identifying and undertaking larger EE projects.

Through Tier 2, customers may be provided with an in-depth audit of their facilities to identify cost effective EE measures that could be economically installed. Customers would also have the option of using contractors who are familiar with the facilities to initiate projects. Under Tier 2, customers have the option to utilize their own engineering & installation contractors. This program will also be open to approved trade allies that meet the program participation requirements. Utilities or their implementor will complete a detailed review of the project to ensure it meets program requirements. In addition to the calculated project-by-project incentive, participants will have the option to pay back the non-incentive portion of the project costs through a repayment plan.

Tailored assistance services may include audits and additional technical support which will be made available and included in the project cost on an as needed basis.

3. The Energy Management pathway will target energy savings for existing C&I facilities by providing a holistic approach to improving building energy performance through maintenance, tune-up, retro-commissioning, monitoring based commissioning, and virtual commissioning services, and through the implementation of energy savings measures and strategies that improve the overall operation and energy performance of buildings and building systems. Strategic energy management engagement may be utilized to establish on-going relationships with customers that can be leveraged to introduce other applicable EE programs in order to achieve more energy savings for the customer. This pathway complements the Prescriptive and Custom program and the other pathways within this program which targets capital equipment replacement or process improvement investments by improving the energy performance of a building through maintenance, tune-up, adjustment and optimization of the systems within the building and the implementation of complementary energy savings measures. This pathway supports ongoing building energy performance by using retro-commissioning and strategic energy management strategies, which support continued energy performance. By implementing these measures, customers also receive ancillary benefits, including improved occupant comfort, lower maintenance costs, and extended equipment life. This pathway includes focus on specific EE measures and management practices that can be categorized as follows:

Building Operations

Building Operations measures provide multiple services for customers to implement building tune-up and maintenance services. These measures are designed to focus on midsize C&I customers and include the following:

- HVAC Tune-Up: Provides for a tune-up of HVAC systems and includes but is not limited to the following services:
 - Refrigeration charge correction;
 - Cleaning evaporator and condenser coils;
 - Filter changes;
 - Boiler tune-up;
 - Furnace tune-up;
 - Verification of proper operation of fans and motors; and
 - Other minor repairs to refrigerant lines and coils.
- Building Tune-Up: Provides a path for customers to implement a Building Tune-Up that will focus on the adjustment and calibration of building systems and controls, diagnostic testing, and the installation of other complimentary measures that enhance building energy performance and savings. Also includes application of controls to optimize operation of building systems and building operation training for applicable personnel.

Retro-Commissioning

Retro Commissioning (“RCx”) measures provide a comprehensive assessment of a customer’s C&I building by using a prescribed planning process that includes a building audit, development of an action plan for the building, and development of a Measurement and Verification (“M&V”) plan to ensure the optimum ongoing performance of the building and building systems. The comprehensive assessment of a C&I building using a prescribed planning and implementation process will include:

1. Audit Phase: Customer confirms intent to participate in the pathway and registers with one of the utilities. Customer and/or the customer’s consultant completes the required level of an American Society of Heating, Refrigerating, and Air Conditioning Engineers (“ASHRAE”) audit based on the complexity of the facility, and develops a RCx implementation plan, including project timelines and a plan to implement audit-identified operation and maintenance measures. There may be opportunities to complete this phase without a full ASHRAE-level audit.
2. Setup Phase: Contracted services to implement the plan are verified, long-term monitoring and reporting is developed and initiated, and a project plan is implemented by the customer.
3. M&V Phase: Savings verification and rebate payment from implementation of the plan is completed.

Typical RCx services include, but are not limited to:

- Optimizing chiller and boiler operations to better match building load conditions;
- Reducing ventilation in over-ventilated areas
- Fixing ventilation dampers that are open when they should be closed or vice versa;
- Decreasing supply air pressure setpoint and system rebalancing; and
- Aligning zone temperature setpoints to match the building's actual operating schedule.

Monitoring-Based Commissioning (MBCx)

Monitoring-Based Commissioning ("MBCx") offers monitoring software paired with a building's energy management system to identify energy savings opportunities and optimize building performance and EE. Contracted services will alert the customer when equipment is not operating as expected using fault parameters and will work with the customer to correct ongoing issues and make improvements wherever possible. Planning and implementation typically includes, but is not limited to:

1. Assessment and qualification of a building energy management system. Assess utility bills and facility to recognize potential for energy savings.
2. Customer agrees to have contracted services utilize eligible software with diagnostics and other functionality through a monitoring service contract.
3. MBCx is designed to:
 - Maximize potential incentives with a deeper dive into a building's overall performance;
 - Monitor and identify cost savings opportunities;
 - Benefit from a continuous process to improve comfort and optimize energy usage; and
 - Maximize the operational efficiency of buildings.

Virtual Commissioning (VCx)

Virtual Commissioning ("VCx") provides eligible customers with an initial analysis of their building's energy performance by using interval meter and or AMI usage data, along with modeling, to identify and recommend potential EE measures and behavioral and/or operational changes to improve a building's overall energy performance. A unique benefit of VCx is the ability to perform analytical prospecting and target customers remotely using data driven analysis, modelling, and/or artificial intelligence. Targeted customers are engaged and individually reviewed to verify the opportunity, develop customized recommendations, and quantify savings potential. The analysis can also foster participation in the Utility's other programs by identifying and encouraging customers to implement other EE opportunities. The VCx process can also utilize benchmarking and peer comparison metrics to help determine energy performance to identify facilities that are underperforming. This offering uses continuous engagement, monitoring,

reporting, and periodic reviews of customer's energy usage to ensure that implemented measures or changes have been successfully completed.

Strategic Energy Management

The Strategic Energy Management ("SEM") component of this program is designed to optimize energy consumption for larger C&I customers through long-term management of major energy using systems. SEM provides a holistic approach that is focused on management of existing systems and processes (including behavior), as well as tracking and benchmarking performance to identify and evaluate energy optimization efforts. SEM is a long-term effort typically focused on developing and executing an energy management strategy. This strategy is formulated through a series of site and/or remote visits and interviews with building owners and staff to specifically develop a Strategic Energy Management Plan ("SEMP") for the customer's facility. The SEMP will be reviewed with the customer by the Utility and/or its TPIC on a scheduled basis. This plan may include:

- Revisions or improvements to an existing Building Automation System or the addition and initiation of the use of a Building Automation System to monitor and control the buildings components and systems. The implementation or improvements to a system or the review of an existing system can include the proper training for building operators to achieve maximum efficiency.
- Development of a maintenance plan for existing building components and/or systems to identify best practices in building performance and an interactive monitoring of system components by both staff and sponsoring utilities.
- Ongoing engagement to track energy usage and performance, assist with planning EE projects, and interact with facility personnel to adopt EE strategies and behaviors.
- Utilizing other program offerings, including Prescriptive/Custom measures, Building Operations, RCx, and VCx.
- Using building modeling and benchmarking to compare customer's usage and performance to cohort of similar facilities and VCx to track energy usage and performance over time.
- Application of whole building energy modeling tools that can model buildings for both operational and capital improvements.
- Scheduling of attendance of customer personnel to attend educational workshops, webinars, and group/individual training sessions with cohorts of facility managers (*e.g.*, Building operations training).

Customers can participate by application to the program or may be contacted directly by program personnel. Customers can participate individually or in a cohort with other customers in the same industry. The cohort would allow customers to share best practices amongst each other as each customer goes through the SEM program lifecycle. A customer would still be treated as an individual unique project within the cohort. The program will retrieve customer demographics

and obtain customer agreement for the services to be provided and facilitate ongoing customer engagement. The Utilities and/or a TPIC will develop application forms for this program that will guide applicants through eligibility guidelines, terms and conditions, and general program information requirements. In addition, the program will provide applications in web-ready formats to ensure participants and potential customers have easy access to the forms.

The Utilities recognize that public entities have unique procurement requirements which could result in barriers to participation. The Utilities will work with the State to develop and implement an approach that may offer a streamlined experience for these entities that meets their unique requirements.

Target Market or Segment (MFR II.a.ii)

C&I customers who are seeking comprehensive advisory, operational, technical and data analysis engagement-based energy solutions located within the Utilities' service territories are eligible to participate in this program. The measures included in this program may include, but are not limited to, HVAC, building envelope, lighting, controls and other building systems, EE and energy consuming equipment.

Engineered Solutions, Tier 1 and 2 targets customers who need tailored EE support to help identify, develop, and undertake EE projects.

Regarding the Energy Management pathway, these strategies are generally appropriate for specific segments as described below:

- Building Operations and VCx measures target existing commercial buildings and may be particularly relevant for small- to medium-building types that utilize traditional building systems and controls.
- RCx and MBCx target existing commercial buildings and are particularly relevant for medium- to large-building types utilizing a building energy management system.
- SEM targets existing large to very large C&I customers and building types and is particularly relevant to customers with significant energy use who commit to on-going participation and engagement across the organization, including various levels of management and decision making.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.a.iv)

Incentives for the Engineered Solutions Tier 1 pathway will provide a 100% incentive for an up-front audit; the specific audit level will be determined on a project-by-project basis based on the complexity of the facility and potential EE measures. In addition, the Utilities will buy-down the simple payback of the recommended EE project cost for approved measures by up to six (6) years, with the resulting payback not less than three years. After the project incentive buy-down, the remaining project costs may be funded by the program with participants repaying the balance of the project costs through a repayment plan.

Engineered Solutions Tier 2: Incentives for the Engineered Solutions Tier 2 pathway will provide incentives for both technical assistance services and other project costs determined on a project-by-project basis using a cost effectiveness tool up to 60% of project cost.

In addition to the calculated project-by-project incentive, participants will have the option to pay back the non-incentive portion of the project costs through a repayment plan.

Tailored assistance support services may include design, construction administration, commissioning, M&V, and other technical support, which will be made available and included in the project cost on an as-needed basis.

Incentives for the Energy Management pathway are structured around the measure categories that focus on specific EE measures and management practices as follows:

- **HVAC Tune-Up:** Fixed incentives for the implementation of the tune-up measures based on the size of the HVAC units.
- **Building Tune-Up:** Incentives that cover up to 80% of the project cost and up to 70% of the cost to attend qualified BOC training up to \$1,000 per person.
- **RCx:** Incentives to cover up to 100% of the initial cost to perform the required ASHRAE level audit. The total project incentive will be capped at up to 70% of the project cost. The customer may also be paid a custom incentive for the implementation of EE measures determined through the audit.
- **MBx, VCx:** Incentives to cover up to 100% of the cost of integration of third-party hardware and software. Utilities may also implement a performance-based model with an implementation contractor where the Utility only pays for delivered and verified energy savings.
- **SEM:** The Utility or TPIC may perform an engineering assessment of the customer's facility to develop a SEMP or the customer may choose to utilize a consultant of their choosing to perform an engineering assessment to develop the SEMP. Customers who utilize a consultant will receive an incentive to cover up to 100% of the initial cost of the engineering assessment. A tiered incentive structure for customer engineering assessment may be utilized based upon square footage of a customer's facility. The SEMP will identify short, medium, and long-term goals for the customer and will set identifiable metrics for mapping to the plan. For the implementation of EE measures determined by the SEMP, the customer will be paid an incentive that is commensurate with the applicable C&I Program offering to which measures are attributed.

Refer to Appendix H for the Summary of the Existing and Proposed Incentive Ranges for this program.

The Utilities will strive to complete customer contractor payments within 60 days following completion of contractor work, submission of complete and required paperwork, and completion of program requirements, such as necessary field inspections (if required).

Customer Repayment Options (MFR II.a.v)

Refer to Section 4h of this Program Plan for the Summary of Proposed Repayment for this program.

Contractor Requirements and Role (MFR II.a.vi)

The Utilities will administer the Energy Solutions program and may also choose to select a third-party to manage delivery of this program. The Utilities will oversee and coordinate on the program offering. The Utilities may utilize qualified trade allies and/or contractors to undertake the services required to deliver this program. The Utilities may also utilize qualified trade allies to assist in outreach, marketing, and trade-ally coordination. Participants may contract with installation trade allies selected through a competitive solicitation process, or their own preferred contractors if allowed by the pathway, to provide program services.

The Engineered Solutions pathway delivery will typically occur in the following steps (the Engineered Solutions Tier 2 pathway may provide selected services, but not all, as determined on a project-by-project basis):

- **Audit:** The Utilities shall assess the required level of an ASHRAE audit to perform based on the complexity of the facility and the potential EE measures; an investment grade audit may not be required for all facilities. The Utilities will then select a program trade ally to perform the appropriate level energy audit and prepare a customized audit report that includes a list of recommended EE upgrades. The lead utility will then review the recommended EE upgrades with the customer to determine whether to proceed with a project.
- **Engineering Analysis of Project:** Based on the audit results and customer feedback, an engineering analysis may be required. The lead utility will conduct a screening of the payback and project cost effectiveness and recommend the selected EE measures for the project. The lead utility will review the project with the customer for customer agreement on the approved project and coordinate as necessary.
- **Engineering Design and Bid Package preparation:** The engineering trade ally hired by the lead utility will initiate the design of the selected EE measures for the approved project. In addition, this trade ally will also prepare a Scope of Work and bid package documents which the customer could use to put out a Request for Proposal to obtain installation cost estimates for the approved project.
- **Scope of Work/Contractor Bids:** The customer will issue a Scope of Work and bid package documents to obtain competitive bids to install selected EE measures for the approved project. The lead utility, the program engineering trade ally, and the customer will review and evaluate the bids/costs received, and the customer will make the final decision on bid selection. Following bid selection, the proposed project is again screened for cost effectiveness.
- **Measures Installation and Inspections:** The partnering utilities and the program engineering trade ally, acting as construction administration agent, will monitor project progress and will release project funds based on the following payment structure:
 - **Stage 1: Project Contracting Stage:** The first progress payment of up to 30% of the installation cost can be issued to the customer to initiate the project.
 - **Stage 2: Construction Stage:** A pre-defined series of monthly progress payments totaling up to 50% of total project commitment can be issued.
 - **Stage 3: Project Completion and Commissioning:** When the project is 100% complete, a final inspection and final project true-up will be performed; remaining progress payments will be issued.

The final payment based on the results of project true-up is determined and issued only if the final inspection is successfully completed and approved. If the final costs are less than the estimated project commitment, the final payment will be adjusted down to reflect the actual costs. If the final costs are greater than the estimated project commitment, the final payment will not be adjusted and will be paid according to the executed agreements and contracts specifying original costs.

The progress payment schedule described above is designed to ensure that customers can pay their installation contractors on a timely basis. Project progress and the project cash flow will be monitored and verified by the lead utility and the trade ally engineering firm with updates to the partner utility as appropriate.

The Utilities will select qualified program trade allies to undertake all services associated with the program. The Utilities will also monitor participation to assess the effectiveness of outreach efforts, incentive levels, delivery methods, and program trade ally and installation contractor availability. The Utilities will further provide suggestions for improvement. The installation contractor(s) will adhere to the project specifications recommended by the Utilities and the program engineering trade ally and set forth between the installation contractor and the customer.

For Energy Management, the Utilities will perform overall administration and oversight of the pathway and may also choose to select TPICs to manage delivery of this pathway. The Utilities' staff and/or TPICs will oversee all aspects of the pathway. The Utilities and/or TPICs will be responsible for administering, promoting, and providing the pathway to customers, including through staffing, processes ensuring quality, and other controls supporting successful program implementation. The Utilities' staff and/or TPICs will conduct the marketing, management, and implementation aspects of this pathway.

The Utilities' staff and/or TPICs will select qualified program trade allies and/or contractors to undertake all program services, as required. Installation and maintenance trade allies must adhere to the project specifications developed by the Utility and/or TPICs. The Utilities will leverage their existing and/or develop a network of engaged trade allies, including local construction, electrical, plumbing and other contractors, to educate them on program benefits and assist with building an approved trade ally network which will reliably maintain and install EE equipment for participating customers.

The Utilities' staff and/or TPICs will also monitor participation to assess the effectiveness of outreach efforts, incentive levels, delivery methods, and program trade ally availability, and will further provide suggestions for improvement.

Customer Access to Current and Historic Energy Usage Data (MFR II.b.iii)

Refer to Section 4c of this Program Plan for a description of how each Utility will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings relative to QPIx (MFR II.a.viii)

Refer to Appendix A for information on these MFRs.

Program Budget, By Year, (MFR II a.ix) and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

*3a.ii.2 Prescriptive & Custom Program***Program Description (MFR II.a.i)**

The Prescriptive and Custom Measures program will promote the installation of high-efficiency electric and/or natural gas equipment by the Utilities' C&I customers, either via the installation of prescriptive or custom measures or projects. The program provides prescriptive-based incentives to C&I customers to purchase and install energy efficient products. The program will continue to support and/or provide downstream approaches to ensure the market is properly supported. The program may also provide midstream or upstream incentives or buydowns and support to manufacturers, distributors, contractors, and retailers that sell select energy efficient products. These measures will incentivize energy efficient lighting, appliances, heating and cooling equipment, and food service equipment, among other efficiency measures. Type and value of incentive provided will range and will include electric and/or natural gas technologies that improve EE. Up-front rebates will be offered to reduce initial costs and some purchases may qualify for a repayment plan to further reduce upfront costs. Prescriptive measures are designed to provide easy and cost-effective access to energy efficient measures through customers' preferred channels.

Prescriptive rebates are designed to:

- Provide incentives to facility owners and operators for the installation of high efficiency equipment and controls;
- Promote the marketing of high efficiency measures by trade allies, such as electrical contractors, mechanical contractors, and their distributors to increase market demand; and
- Ensure the participation process is clear and simple.

Prescriptive incentives will increase adoption of energy efficient equipment by harnessing the Utilities' unique customer relationships to positively impact the entire sales process surrounding efficient equipment. The process includes education and awareness with customers, engagement with trade ally contractors and equipment distributors, and repayment plan opportunities for high efficiency equipment.

The program also includes custom measures that provide calculated or performance-based incentives for electric and/or natural gas efficiency opportunities for C&I and other non-residential customers that are non-standard, variable, or not captured by prescriptive incentives. Calculated or performance-based incentives are designed to reduce the customer's capital investment for qualifying energy efficient equipment to retrofit or upgrade specialized processes and applications and/or to implement qualifying high efficiency building shell or systems improvements. Typical

custom measures that are eligible for incentives are either less common measures or efficiency opportunities in variable or specialized applications that may include manufacturing, industry-specific processes, or non-traditional use cases. In many cases, custom efficiency measures are more variable or complex than prescriptive equipment.

Potential participants may be required to submit an application for pre-approval to confirm measure or project eligibility and reserve funding. The Utilities and/or implementation contractors will develop electronic rebate application forms that will guide applicants through eligibility guidelines, program requirements, terms and conditions, and general information. In addition, the Utilities and/or implementation contractors will provide applications in web-ready formats to ensure participants have easy access to the forms. The pre-approval process provides for the review of the customer's proposed project to confirm measure eligibility and incentive budget availability. This also supports the Utilities' program management because it communicates projects that are in the pipeline. If accepted and pre-approved by the Utilities, a timeline is established for project completion to qualify for a rebate. The typical lead time for completing a custom project is 90 to 120 days but can be longer depending on the complexity of the project. Large projects or subsets of projects may be required to undergo pre-and post-inspection to validate energy savings. Approved measures or projects may also be eligible for a repayment plan.

Target Market or Segment (MFR II.a.ii)

The Prescriptive and Custom Measures program will be available to all C&I and other non-residential customers located within the Utilities' service territories. This program is focused on promoting the sale and installation of efficient electric and/or natural gas equipment across all major end-use categories and can be easily promoted to trade allies and customers via straightforward prescriptive rebates or more complex custom rebates. Potential technologies incentivized through prescriptive measures include energy efficient lighting, appliances, heating and cooling equipment, and food service equipment, among other efficiency measures. Customers pursuing custom incentives will generally be customers with more complex needs and non-standard or variable efficiency opportunities and typically include building types such as light/heavy industrial, manufacturing, and data and distribution centers, among others.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.A.iv)

The Utilities propose to provide a range of incentives, depending on the measure type, subject to changes based upon customer response and economic and market conditions over the plan period. Incentives will vary depending on factors including but not limited to the specific product, the incremental cost of the high-efficiency technology, and the product maturity in the marketplace.

Refer to Appendix H for the Summary of the Existing and Proposed Incentive Ranges for this program.

In instances where incentives are not immediate, the Utilities will strive to complete consumer or contractor payments within 60 days following completion of contractor work, submission of complete and required paperwork, and completion of program requirements, such as necessary field inspections (if required).

Customer Repayment Options (MFR II.a.v)

The participating customer will repay the balance not covered through the incentive either in a lump sum or through a repayment plan. Refer to Section 4h of this Program Plan for the Summary of Proposed Repayment for this program.

Contractor Requirements and Role (MFR II.a.vi)

The Utilities may outsource some, or all, of the implementation of this program to an implementation contractor who would be responsible for defined functions, which could include administration, marketing, application processing, documentation regarding purchased products, and processing incentives and rebates. The Utilities will perform overall administration and oversight of the program. To maximize customer participation and streamline the customer experience, the Utilities will use their strong customer and marketplace relationships to support multiple implementation strategies to achieve program goals.

- **Trade Allies:** The Utilities and/or the implementation contractor will target trade allies to promote EE opportunities and incentives to their clients. Preserving this downstream approach will ensure that customers and trade allies are properly supported. Trade allies will be able to leverage the program and offer customers rebates through their normal course of business. By developing relationships with trade allies, the program will develop a broad reach across the marketplace and solicit feedback to ensure incentives and measures are impacting the market as designed. Examples of targeted trade-ally firms may include:
 - Design, engineering, and controls firms;
 - Building energy managers;
 - HVAC distributors, contractors, and retail providers;
 - Food service retailers and service providers;
 - Commercial lighting retailers, distributors, and wholesalers; and
 - Electricians and Electrical contractors.
- **Retail:** The Utilities' program staff and/or the implementation contractor field representatives may work with retailers and distributors that directly target C&I customers to inform them of the participation process and available equipment incentives. The Utilities and/or implementation contractor may also provide support and assistance to retailers or distributors to support identification and promotion of qualifying energy efficient products. This may also include training and instruction to participating retailers and distributors about the Utilities' application forms.

The Utilities may provide opportunities for commercial customers to purchase energy efficient equipment through an online marketplace.

- **Midstream:** The Utilities and/or the implementation contractors may promote a midstream component for specific equipment types to encourage purchase of efficient equipment via directly marking down the cost of the efficient equipment at the point of sale. Midstream

rebates encourage market transformation and wider availability of efficient equipment. The Utilities anticipate offering midstream point of sale discounts across numerous equipment types, which may include, but are not be limited to, LED lighting, HVAC, and food service equipment. Efficient products that are rebated via a midstream approach will not be eligible for incentives in any other Utility EE program. The Utilities and/or implementation contractor will also provide support and assistance to distributors to support identification and promotion of qualifying energy efficient products. This will also include training and instruction to participating distributors, as well as enrollment of distributors to participate in midstream program offerings.

- **Digital:** The program will be marketed directly to C&I customers on the Utilities' websites where customers will have easy access to information regarding eligible equipment and savings opportunities, how to participate, rebate applications, and incentives across all efficient equipment types and end-uses. The Utility may also offer the direct purchase of eligible equipment through their website or an online marketplace.
- **Targeted Customer Outreach:** Utility staff may choose to reach out directly to large business and commercial customers to develop relationships with energy and facilities managers, operations staff, and procurement personnel. Program staff can help facilitate completion of rebate applications and serve as a direct resource to these customers, providing technical support and assistance in identifying efficiency opportunities.
- **Technical Customer Assistance:** An important element of the Prescriptive and Custom program is the availability of technical support. The Utilities and/or implementation contractor will provide technical support to customers on the application of EE measures and technologies included in this program, including supporting measure or project identification, developing energy savings calculations, and assessing measure or project economics as required.

M&V for measures or projects that do not have reliable information to accurately forecast energy savings may require energy monitoring before and after measure or project implementation to determine savings and incentive amounts.

A comprehensive contractor agreement containing information about equipment certification (such as DLC lighting), licensing, and insurance requirements will be developed and provided to all participating contractors.

Customer Access to Current and Historic Energy Usage Data (MFR II.b.iii)

Refer to Section 4c of this Program Plan for a description of how each Utility will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings relative to qpis (MFR II.a.viii)

Refer to Appendix A for information on these MFRs.

Program Budget, By Year, (MFR II a.ix) and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

3a.ii.3 Direct Install Program

Program Description (MFR II.a.i)

The Direct Install Program is focused on providing the installation of efficiency measures for small- to medium-sized businesses, non-profit organizations, municipalities, schools, and faith-based organizations (“eligible customers”) that typically lack the time, knowledge, or financial resources necessary to investigate and pursue EE. The program is designed to provide eligible customers with easy investment decisions for the direct installation of multiple measures to comprehensive EE projects. The program will pay a percentage of the up-front cost to install the recommended EE measures, with the participating customer contributing the balance of the project not covered by the incentive. The program will also provide a repayment plan to the customer. The no-cost energy assessment mitigates the time constraints and knowledge barriers, while the reduced project costs and repayment options mitigate cost barriers and assist participants in making decisions, which otherwise would be time-consuming and potentially difficult to justify. The Direct Install program plays an important role in the marketplace because private providers of EE services typically do not target smaller customers due to the lower overall profit for their services when compared with larger non-residential customers. For these reasons, small to medium sized businesses, non-profit organizations, municipalities, schools, and faith-based organizations are often underserved, and the program fills an important gap by targeting, promoting, and delivering efficiency services to these customers directly.

The energy assessment will be provided to customers free of charge and will offer recommendations on EE measures to reduce the customer’s energy usage and costs. Standard energy savings measures may also be provided or installed at no cost at the time of the energy assessment to support customer engagement, participation, and energy savings.

The program will also focus on the smaller customers within the eligible customer segments. The Utilities anticipate portions of the program to be directed at restaurants, small offices, convenience stores, and other small independent businesses that often are left behind in EE programs. Through a number of delivery mechanisms, the utilities Utilities will ensure that all eligible business types are able to participate in this program.

The Utilities recognize that public entities have unique procurement requirements which could result in barriers to participation. The Utilities will work with the State to develop and implement an approach that may offer a streamlined experience for these entities that meets their unique requirements. More specifically, the Utilities will offer a Public Sector Direct Install program pathway for public entities subject to Local Public Contracts Law at N.J.S.A. 40A:11-5(1)(f) and Public School Contracts Law at N.J.S.A. 18A:18A-5a(7) that employs a direct contracting model and includes a standardized approach to and pricing for assessments, recommendations, and installations. The Utilities will work with the State to ensure that this program pathway includes minimum requirements for contractors and subcontractors, includes local and diverse hiring requirements, and encourages participation by union labor.

The Utilities will also work with the State to offer a Direct Install program pathway for all eligible customers that employs a trade ally model and includes a standardized approach to assessments, recommendations, and installations.

The Utilities will work with the State to develop and implement an approach to serve State facilities.

Target Market or Segment (MFR II.a.ii)

The Utilities will seek to address the most cost-effective measures but will also address all measure retrofits that would comprise a cost-effective project. Examples of end-use categories covered by the program include lighting, HVAC, controls, refrigeration, food service, motors, low-flow devices, building envelope improvements, pipe wrap, and domestic hot water equipment. The program will be divided into three tiers of eligibility, determined by the customer's individual facility peak electrical demand over the last 12 months.

- Tier 1
- Will serve the smallest of the eligible customer base: all customers with an average annual individual facility peak electrical demand of up to 100 kW and an average annual natural gas load of up to 5,000 therms. Tier 2
 - All customers with an average annual individual facility peak demand of up to 300 kW or average annual natural gas load of 40,000 therms that are located within an Urban Enterprise Zone ("UEZ"), Opportunity Zone, or ("OBC"); or
 - All customers with an average annual individual facility peak demand of up to 300 kW or an average annual natural gas load of 40,000 therms that are owned or operated by a local government, K-12 public schools, or 501(c)(3) non-profit.
- Tier 3
 - All customers with an average annual individual facility peak electrical demand of 101 - 300 kW or an average annual natural gas load of 5,001 therms to 40,000 therms.

The eligibility requirements listed above may be adjusted in coordination among the Utilities to improve customer access, participation, and program performance based on economic and market conditions.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.a.iv)

Each tier of the program will encompass many of the same benefits, including a turnkey solution for eligible customers requiring no up-front investment. The initial site visit, energy assessment, and installation of recommended EE measures are provided at no initial cost to participants. The

Utilities propose to provide an incentive level of up to 80% of the project costs to promote the completion of comprehensive projects while maintaining overall program cost effectiveness.

For Tier 1 customers, the program will offer to pay up to 80% of the project cost to install the recommended EE measures with the participating customer (and/or landlord) repaying the balance not covered through the incentive either in a lump sum or through a repayment plan.

For Tier 2 customers, the program will offer to pay up to 80% of the project cost to install the recommended EE measures with the participating customer (and/or landlord) repaying the balance not covered through the incentive either in a lump sum or through a repayment plan. Customers located in an UEZ, Opportunity Zone, OBC, or other geographic area as designated by the BPU may also qualify, as will local governments, K-12 public schools, or non-profits categorized as 501(c)(3) or 501(c)(19).

Tier 3 will serve the larger segment of eligible customers, with an individual facility average annual peak electrical demand of 101 – 300 kW or 5,001 – 40,000 therms over the past 12 months. Incentives up to 70% of the total project cost will be offered with the participating customer repaying the balance not covered through the incentive either in a lump sum or through a repayment plan.

Utilities may impose a dollar cap on the incentives for all tiers.

Refer to Appendix H for the Summary of Existing and Proposed Incentives for this program.

Customer Repayment Options (MFR II.a.v)

The participating customer will repay the balance not covered through the incentive either in a lump sum or through a repayment plan.

Refer to Section 4h of this Program Plan for the Summary of Proposed Repayment for this program.

Contractor Requirements and Role (MFR II.a.vi)

The Direct Install Program interfaces with customers via either direct solicitation or upon customer request. All participants receive a site visit, including a free on-site energy assessment to identify EE retrofit opportunities. Standard energy savings measures may also be installed at no cost at the time of the energy assessment for eligible Tier 1 customers, to support customer engagement, participation, and energy savings. Following the energy assessment, participants are provided with a report assessing the site and recommending additional measures that could further improve the EE of the facility.

Based on the results of the energy assessment report, the program will offer to pay a percentage of the project cost to install the recommended EE measures. The program may also provide a repayment plan to the customer (and/or landlord) for their portion of the project cost. Utility staff and/or TPICs will provide turnkey solutions to eligible customers with the initial site visit, energy assessment and installation of recommended efficiency measures at no initial cost to participants.

The Utility will ensure this is completed on time and to specifications. This approach frees up the participant, who may not have the time or resources to dedicate to project identification, development, and implementation. The distinction between Tier 1, 2, and 3 eligibility criteria will ensure that eligible customers, even those that are the smallest and often overlooked, receive ample focus.

The participating contractors will perform the energy assessments and installations, working with the Utilities and/or the implementation contractors' oversight to undertake all construction and installation work identified in the energy assessment process.

To support public entity participation in the Public Sector Direct Install pathway, the Utilities will work with the State to establish minimum requirements for contractors and subcontractors, including the following:

- Compliance with public work project requirements
- Public Works Contractor registration (with the NJ Department of Labor and Workforce Development)
- Submission of certified payroll records
- Affirmation that none is debarred, suspended, or disqualified by the NJ Department of the Treasury or Federal agencies
- Confirmation of no business with State prohibited entities
- Division of Property Management and Construction (DPMC) classifications (with the NJ Department of the Treasury)

Customer Access to Current and Historic Energy Usage Data (MFR II.b.iii)

Refer to Section 4c of this Program Plan for a description of how each Utility will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings relative to OPIs (MFR II.a.viii)

Refer to Appendix A for information on these MFRs.

Program Budget, By Year, (MFR II a.ix and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

3a.iii Multifamily Sector

The core Multifamily Sector program is described below and includes:

- Multifamily

3a.iii.1 Multifamily Program

Program Description (MFR II.a.i)

This program addresses multifamily structures with three or more units. As such, there can be significant variation in the types of structures served under this program ranging from residential type dwellings with three units to large garden apartment complexes to multi-story high rise buildings. To meet the specific needs of each customer, the Multifamily Program will provide, in conjunction with the customer, a structured screening review to identify and develop the project plan for the customer. Potential program services include customer engagement with EE education through energy assessments and a suite of efficiency and BD offerings ranging from simple to deep energy retrofits targeting all end uses. In addition, the Multifamily Program may provide OBR or access to financing with similar terms and enhanced incentives for income-qualified customers and affordable housing properties.

The Multifamily Program will seek to work with each customer to determine and package the best energy savings opportunities based on the needs and interests of the customer, with an emphasis on encouraging more comprehensive projects wherever possible. Customers will begin participation in the Multifamily Program with a screening to identify and develop a project plan. The initial screening may include an energy assessment and installation of standard energy savings measures where possible to help encourage program participation. The assessment will also identify additional energy savings opportunities and develop the project plan that is the best fit for each specific customer and building.

Applications to this program will be reviewed to determine the project plan depending on the type of housing stock and ownership structure. The screening process will consider various factors to create a project plan that will deliver a high level of energy savings in a cost-effective manner. Examples of these factors include, but are not limited to:

- Building size;
- Number of units;
- If the facility is being served by a central plant;
- If there are individual heating and cooling units;
- If there are building envelope/weatherization opportunities;
- Application review with a potential virtual site inspection or telephone interview with property management; and
- An on-site pre-scoping audit may be performed.

Depending upon the screening results and the customer's interests, a customer's project plan could include direct installation of standard and comprehensive energy saving measures, comprehensive building wide efficiency, and other possible measures. The measures within the project plan may align with the terms and conditions of the Utilities' respective applicable residential and/or C&I program offerings, where appropriate, and may include multifamily-specific terms, conditions, incentives, and offerings. Therefore, the project plan can include prescriptive measures with set energy-savings and/or custom projects with savings on a project basis. The incentives for the measures may not match the incentives in other programs, as the multifamily sector has higher barriers to overcome. Discussions with customers may also target the identification of specific opportunities that may align with other Utility programs, including measures provided in Additional Utility-Led Initiatives.

Target Market or Segment (MFR II.a.ii)

All multifamily buildings with three or more units that are served by at least one investor-owned utility are eligible to participate. The program targets multifamily property owners, property managers, and residents, who, because of the building owner – tenant relationship, have always had difficulty investing in EE equipment. The Utilities will also target outreach to income-qualified occupants and owners of multifamily buildings who are eligible for enhanced incentives.

Eligibility for these enhanced incentives can be automatic based upon the type of property that can be identified as serving income-qualified customers, such as those with an affordable housing designation (*e.g.*, New Jersey Housing and Mortgage Financing Agency qualified, Housing Authorities) or identifiable by a physical location (*e.g.*, census tract, OBC with a low-income characteristic). The Utilities reserve the right to align with categorical eligibility of federal and state EE programs for income eligibility. The program may refer prospective customers to income-qualified program(s) as appropriate.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.A.iv)

The measures of the Multifamily Program are a comprehensive combination of potential program components. Depending on the needs of the customer, different program components may be provided to them. Incentives for some measures may align with the existing incentive offerings for other program offerings, however, the program has the flexibility to offer different incentive levels.

See Appendix G for existing and proposed incentive ranges for each of the potential program components that Utilities may offer as part of their Multifamily program.

Refer to Appendix H for existing and proposed incentive ranges for each of the potential program components that Utilities may offer as part of their Multifamily program.

Customer Financing Options (MFR II.a.v)

Refer to Section 4h of this Program Plan for the Summary of Proposed Financing.

The Multifamily Program may provide OBR or access to financing with similar terms and enhanced incentives for income-qualified customers and affordable housing properties.

Contractor Requirements and Role (MFR II.a.vi)

The Multifamily Program will be delivered in coordination between both the Lead Utility and the Partner Utility (where applicable) and/or qualified TPIC(s) with experience delivering similar programs. Because of the unique and varied nature of the multifamily market, program representatives will build relationships with property management companies, owners, associations, and their members to recruit participants into the program. The program will assist customers as necessary to coordinate scheduling of the Energy Assessment and direct installations and will provide program and technical support to complete program and rebate application requirements.

Delivery of energy-saving measures will depend on the project plan and may include direct installation of standard and comprehensive energy savings measures, installation of prescriptive

measures, and/or custom projects. It may be necessary to schedule appointments for the installation of energy saving measures in individual living units and common areas. In-unit HVAC tune-ups may also be offered to the property owner or tenant. The installation crews are trained on the technical and educational aspects of the measures installed and leave educational materials in each unit describing the work performed and explaining the energy-saving benefits.

Customer Access to Current and Historic Energy Usage Data (MFR II.b.iii)

Refer to Section 4c of this Program Plan for a description of how each Utility will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings relative to qpis (MFR II.a.viii)

Refer to Appendix A for information on these MFRs.

Program Budget, By Year, (MFR II a.ix) and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

3b. Additional Utility-Led Initiatives

As discussed in the Introduction, Additional Utility-Led Initiatives follow a consistent format but contain Utility specific proposals.

The Additional Utility-Led Initiatives are described below and include:

- Building Decarbonization
- Demand Response
- Conservation Voltage Reduction Program

JCP&L proposes Additional Company Initiatives to provide a comprehensive portfolio of offerings to customers and greater opportunities for participation. Such initiatives help to establish a framework to meet the aggressive and increasing annual energy savings targets. Such initiatives further support the Company's implementation of programs to establish and develop systems and processes, program and trade ally participation, customer awareness, and experience and momentum for the future. Such initiatives are based on successful programs in other jurisdictions and collaboration with other NJ Utilities to promote coordinated program design and delivery.

3b.i Building Decarbonization

Program Description (MFR II.a.i)

The Company is eager to begin supporting New Jersey in its efforts to increase heat pump adoption by launching a Building Decarbonization Start-Up program. Reducing GHG emissions from the building sector is one of the seven key strategies identified in the EMP. In addition to energy and

demand savings, beneficial electrification initiatives provide significant GHG emissions reductions. The Company's BD Program has been designed to encourage customers who currently use fossil fueled equipment to adopt more efficient electric equipment. Program eligible measures target common building stock applications and equipment to support the objective of achieving net source program energy savings on a fuel-neutral MMBtu basis. This program offers incentives for electrification measures to residential, C&I, and multifamily customers, and has been designed to promote participation by moderate income customers. These BD incentives and initiatives are designed to align with incentives for EE measures available through other EE programs and include measures that support BD, such as weatherization and make ready work (e.g., wiring upgrades).

Residential customer offerings are included in two components: Electrification Direct Install and Electrification Rebates. Measures within both components include induction cooktops, heat pumps, heat pump water heaters, and make ready work (e.g., wiring upgrades).

C&I customer offerings are included in two components: Electrification Direct Install and Electrification Rebates. Measures within both components include heat pumps, heat pump water heaters, and make ready work (e.g., wiring upgrades).

Multifamily customer offerings are included in two components: Electrification Direct Install and Electrification Rebates. Measures within both components include induction cooktops, heat pumps, heat pump water heaters, and make ready work (e.g., wiring upgrades).

JCP&L has included an additional measure in all Sectors that allows additional electrification measures to be added as a result of their adoption by the NJ EM&V Working Group or TRM Committee or through coordination with other NJ Utilities, subject to having available program budgets.

Target Market or Segment (MFR II.a.ii)

The target market for this program will be residential, C&I, and multifamily customers who use fossil fuel for building end uses, including but not limited to heating, water heating, and cooking equipment, who can switch to electric appliances and equipment. Customers using deliverable fuels will also be targeted since they are likely to realize significant operating cost savings by switching to electric appliances and equipment.

The Utilities plan to offer enhanced incentives for moderate income customers for certain products to assure that the program reaches all customer types. Eligibility for these enhanced incentives can be determined based on screening an individual customer; however, the Utilities will also explore implementing automatic eligibility for enhanced incentives based upon physical location (e.g., census tract, environmental justice community, UEZ) to encourage more activity in LMI communities.

The general marketing plan for this program aligns with the discussion outlined in Section 4d. Because of the importance of customers understanding the benefits of these programs from both energy-saving and GHG-reduction perspectives, additional marketing considerations for the BD Program will include the development of educational and outreach materials for program and trade

allies and contractors to help identify, focus, and promote electrification for good candidates as well as all eligible customers. As the decarbonization benefits of the program are different than typical EE projects, marketing will include specific communications to highlight those and other benefits to customers. Additional educational materials and opportunities may include print media, customer-facing webinars or video productions aimed at social media and broadcast channels, and direct engagement materials designed for distribution through program ally and trade ally contractor networks.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.a.iv)

The Company plans to offer enhanced incentives for moderate income customers to assure that the program reaches all customer types, similar in nature to enhanced incentives offered for moderate income participation in other EE&C programs.

In addition to the incentives provided for this program, the IRA also provides funding for electrification projects. Many of the rebates and tax credits for electrification technologies specified in the legislation align with the technologies included in this program, such as heat pumps, heat pump water heaters, and electrical upgrades. The Company will work to help customers take advantage of these opportunities, and the combination of the IRA rebates and tax credits and incentives available through this program will further entice customers to pursue projects that require significant investment. As more details emerge about how the IRA will be implemented in New Jersey, the Company will work to educate customers about both the IRA opportunities and funds available through this program to further promote participation in electrification projects.

Refer to Appendix H for the incentives for this program component.

Customer Financing Options (MFR II.a.v)

Refer to Section 4h of this Program Plan for the Summary of Proposed Financing for this program.

Contractor Requirements and Role (MFR II.a.vi)

JCP&L and its TPICs will be responsible for coordinating with all other energy efficiency programs in the portfolio to build relationships across the contractor networks and deliver specialized training and marketing materials specific to the Building Decarbonization Start-Up program. JCP&L will perform overall administration and oversight of the program and may also choose to select additional TPICs to manage delivery of this program. Customers in the residential, multifamily, and C&I sectors will be offered the opportunity to participate in BD programs (with incentives, direct installation, and/or financing), driving carbon reductions as well as energy efficiencies at the source across fuels. Customers will be educated about savings benefits to understand bill impacts and will also be informed about contributions to emissions reductions. This strategy will leverage other EE programs and make effective use of resources. As electrification projects are new, the Company and implementation contractors will remain flexible relative to staffing and effective communication strategies with customers and allies (e.g., electrical, HVAC, and plumbing contractors) to support awareness of program opportunities,

“make ready” measures, and support proper and safe installation practices. Data collection, reporting, and evaluation will also include new data and metrics (*i.e.*, source MMBTu and emissions reductions).

Company staff and/or TPICs will oversee all aspects of program delivery, including marketing, and implementation. Marketing will target specific customer sectors, program allies, and partners to ensure awareness in the program and enhance customer participation. Additional target marketing will be completed to enhance participation among hard-to-reach customers. Qualified Company and TPIC staffing will establish and implement processes to ensure successful program results.

The Company and/or TPICs will select qualified program trade ally contractors to undertake all program services. Installation and maintenance trade allies must adhere to the project specifications developed by the Company and/or TPICs. By educating and training trade allies on program benefits and participation processes and requirements, the Company will look to grow its existing approved trade ally contractor network, including local construction, electrical, plumbing, and other contractors. The trade ally network will be leveraged to reliably maintain and or install EE equipment for participating customers.

The Company and/or TPICs will also monitor participation to assess the effectiveness of outreach efforts, incentive levels, delivery methods, and program trade ally availability to identify opportunities for improvement to support successful program implementation.

Contractors and trade allies will be kept up-to-date with the program vision, eligible efficient products, rebates, and ways to participate. The BD program will leverage existing energy efficiency contractors, and program ally and trade ally networks wherever possible. The Utilities agree to collaborate on a list of criteria for requirements for contractor participation in the BD trade ally contractor network. Selection of TPICs and program trade allies will prioritize criteria including but not limited to:

- Experience delivering similar subprograms or initiatives;
- Knowledge of the current marketplace;
- Resources and marketing strength;
- Local presence;
- Cost; and
- The amount of business placed with minority, women, veteran, and service-disabled veteran owned businesses.

The Company plans to issue a request for proposal for TPICs who will be responsible for marketing, customer enrollment, program and trade ally engagement, application and rebate processing, documentation, and other program delivery activities discussed above. The Company plans to select the TPIC(s) in a timeframe that supports timely program implementation upon Board approval of the program.

Customer Access to Current and Historic Energy Usage Data (MFR II b.iii)

Refer to Section 4c of this Program Plan for a description of how each Utility will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings relative to QPIs (MFR II.a.viii)

Refer to Appendix A for information on these MFRs.

Program Budget, by year, (MFR II a.ix) and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

Benefit Cost Analysis Requirements (ATTACHMENT B MFR V)

JCP&L recognizes that electrification measures are new in this planning period and are untested in New Jersey for many variables, including cost effectiveness. Although they are not required to be cost-effective in the planning stage, in the reporting process, the Company will calculate and track the benefit-to-cost ratios as directed in Orders, with the goal of designing future programs that achieve NJCT ratios greater than 1.0. The Company will monitor the performance of the program and coordinate with the other Utilities throughout implementation of the program for continuing program performance improvements with specific regard to opportunities, participation rates, barriers, and cost-effectiveness.

Additional Metrics Related to Electrification (ATTACHMENT B MFR VII)

See Appendix G for metrics related to electrification.

As electrification measures are new, JCP&L will use existing protocols and/or work with its Evaluation Consultant and the NJ EM&V Working Group to support development and enhancement of new protocols for evaluation of beneficial electrification measures for overall annual and lifetime fuel energy savings.

3b.ii Load Optimization & Peak Demand Response

Program Description (Attachment C MFR 2.a.i.1.)

The Load Optimization & PDR program is an expansion of JCP&L's existing Home Optimization & PDR program to target additional customers, including small business customers, and potentially additional connected devices. The curtailment objectives of this program are to reduce demand during peak load events to achieve the benefits of peak demand reduction in alignment with the Board's "DR Guiding Principles" as outlined in Attachment C to the July 26 Order. Peak load events (or "turn-down" events) will be called for days and periods during which the PJM day ahead forecast indicates potential peak loads.

To date, the Company has successfully implemented the Home Optimization and PDR program through use of bring your own device smart thermostats as the primary control device in the home. The Load Optimization & PDR program is anticipated to evolve to potentially include other

connected devices in homes and businesses, such as but not limited to water heaters, electric vehicles/chargers, and battery storage systems.

Participating customers with program eligible connected devices will agree that a Load Control implementation contractor selected by the Company will be permitted to control, cycle, and/or optimize the use of select customer equipment through a program eligible connected device. The program includes customers' smart thermostats for control of air conditioning, and potentially electric vehicle charging or other customer equipment to optimize the use of and reduce load of connected devices during peak demand periods. The program will allow customers to override the control of their connected devices and does not include any financial penalties for non-performance, nor if customers choose to exit the program at any time.

Portability and Demand Response Guiding Principles (Attachment C MFR 2.a.i.1.b,c e.i, and e.ii)

Customers may override their participation in any load control event and may also discontinue program participation at any time, such as to participate with a third-party provider, by contacting the program via phone or email. This program does not include Distributed Energy Resource Management Systems ("DERMS") deployment.

The program design aligns with the Board's DR Guiding Principles by leveraging program implementation contractors, supporting "bring your own" customer connected devices rather than proprietary program equipment, enabling participants to discontinue participation in the program, such as to participate with a third-party provider, and potentially adding other types of customer connected devices.

Customer Access to Current and Historic Energy Usage Data (Attachment C MFR 2.a.i.1.d)

Refer to Section 4c for a description of how each Utility will provide for customers to access their energy data.

Stakeholder Engagement (Attachment C MFR 2.a.i.1.e.iii)

The Load Optimization & PDR program was approved in the current plan and is designed herein with the potential to expand to equipment beyond air conditioning through smart thermostats. JCP&L is including this program based on the successful implementation of this program by the Company or its affiliates in other jurisdictions.

Target Market or Segment (Attachment C MFR 2.a.i.2)

The target market for the Load Optimization & PDR program is residential and small business customers, including LMI and multifamily customers, with eligible connected devices, like smart thermostats.

Existing and Proposed Incentive Ranges (Attachment C MFR 2.a.i.3 and MFR 2.a.i.6)

Customers participating in this program with certain technologies (*e.g.*, program eligible smart thermostats) will receive an initial enrollment incentive after enrollment, and an annual participation incentive after each performance year. Other technologies may receive a performance incentive based on actual performance during load control events. Refer to Appendix H for the Summary of the Existing and Proposed Incentive Ranges.

Demand Response Measurement Methodology (Attachment C MFR 2.a.i.4)

The Load Optimization & PDR Program will utilize AMI and/or smart thermostat data analytics to evaluate actual load reductions during peak load events. Load Control measurement methodologies will reflect industry practice and available AMI data supporting actual load reduction impact assessments.

Demand Response Rebound Effects (Attachment C MFR 2.a.i.5)

Load Control event performance reviews will include assessment of any rebound effects. Assessment of rebound effects can be used to inform load control strategies to minimize such effects in future events.

Avoid Demand Response Double Counting (Attachment C MFR 2.a.i.7)

Smart thermostats incented by other programs in the Company's Plan have a peak demand savings measure assumption of zero, which precludes the potential for double counting.

Qualified Equipment, Incentives, and Communications Standards (Attachment C MFR 2.a.i.8)

Eligible customers must have internet-connected and accessible control devices (*e.g.*, smart thermostats) where the device manufacturer and customer support control access to the program. The program does not involve proprietary communications standards. Refer to Appendix H for the incentives for this program component.

Capital Investments such as IT Hardware and Infrastructure (Attachment C MFR 2.a.ii)

No capital investments are required since the program leverages program implementation contractors and customer owned connected devices.

Customer Financing Options (Attachment C MFR 2.a.iii)

There are no financing options for this program since there is no up-front cost to customers.

Contractor Requirements and Role (Attachment C MFR 2.a.iv)

JCP&L will outsource the implementation of the Load Optimization & PDR program to one or more TPICs who will be responsible for marketing, outreach, enrollment, education, and fulfillment

aspects of program.

The contractor will develop an implementation plan to expand the program to business customers and to potentially include additional eligible devices.

Projected Participants (Attachment C MFR 2.a.v) and Demand Reductions relative to QPIs (Attachment C MFR 2.a.i.1.a)

Refer to Appendix A for information on these MFRs.

Program Budget, By Year, (Attachment C MFR 2.a.vii) and projected program costs, by year, broken down into the specified categories (Attachment C MFR 2.a.ix)

Refer to Appendix B for information on these MFRs.

Additional Information Applicable to DR Programs Integrated with Renewable Energy Projects, (Attachment C MFR 2.a and b)

Not Applicable

Reporting Plan for DR Performance Metrics, (Attachment C MFR 6.a and b)

See Appendix G for target values of the listed DR program performance metrics. Company reports will describe program progress and actual performance metrics over the period of the plan.

3b.iii Conservation Voltage Reduction Program

Program Description (MFR II.a.i)

Under the CVR Program, JCP&L will perform engineering analysis to identify opportunities for energy and demand savings through downward adjustments to voltage settings at substations and distribution circuits across its service territory. The Company will implement, monitor, and maintain the reduction of voltage at selected substations and distribution circuits. Results (*e.g.*, voltage levels and energy and demand savings) will be reviewed throughout implementation.

The CVR Program incorporates voltage regulation techniques at select substations and distribution circuits that result in lower service voltage levels (within regulatory voltage limits), thus causing a reduction in customer energy consumption and demand. The voltage set points for select Company distribution substations with automatic voltage controls and load tap changers, and potentially other distribution equipment, will be assessed and recalibrated to deliver a lower voltage. The adjustment of the voltage settings will be made only on distribution circuits that have been analyzed and can operate within all regulatory voltage requirements during peak loading conditions with limited to no upgrades. The program will be implemented at the selected substations and distribution circuits by Company employees who will perform the voltage set point changes.

Annually, the Company will monitor the substations and circuits where CVR has been implemented to review, confirm, and readjust the equipment settings to the lower voltage settings. The monitoring will also include confirmation that voltages are within voltage requirements. Additionally, the Company will assess new or upgraded non-CVR circuits to consider them for engineering review to identify and implement CVR on additional circuits with limited to no upgrades.

Target Market or Segment (MFR II.a.ii)

The target market for this program are JCP&L distribution substations and circuits where voltages can be reduced while operating with all voltage requirements under peak load conditions.

Existing and Proposed Incentive Ranges (MFR II.a.iii) (MFR II.a.iv)

Not applicable; the program does not involve any customer incentives.

Customer Financing Options (MFR II.a.v)

Not applicable; the program does not involve any customer investment.

Contractor Requirements and Role (MFR II.a.vi)

No contractors are anticipated for implementation of the CVR program. JCP&L will engage its EM&V contractor, in consultation with the statewide evaluator, to evaluate, measure, and verify energy savings and peak load reductions resulting from the program. Refer to Section 4e for more information regarding EM&V.

Customer Access to Current and Historic Energy Usage Data (MFR II.b.iii)

Refer to Section 4c of this Program Plan for a description of how each Utility will provide for customers to access their energy data.

Projected Participants (MFR II.a.vii) and Energy Savings relative to QPIs (MFR II.a.viii)

Refer to Appendix A for information on these MFRs. JCP&L will work with Staff and the EM&V Working Group to determine a methodology for reporting and verifying the savings that arise from the CVR program.

Program Budget, By Year, (MFR II a.ix) and projected program costs, by year, broken down into the specified categories (MFR II.a.x)

Refer to Appendix B for information on these MFRs.

4.0 PORTFOLIO INFORMATION

As discussed above, some information contained in the Portfolio Information section (Section 4) is consistent, while the remaining subsections are utility specific. The following subsections contain consistent information across all of the utilities:

- 4e: Evaluation, Measurement and Verification (MFR VI.)
- 4f: Reporting Plan (MFR VIII.)
- 4g: Overburdened Community Standardization

Sections 4a-4d and Section 4h each present information specific to each utility. If provided, additional sections within Section 4 are utility specific.

4a. Quality Control and Customer Complaint Resolution (MFR II.b.i)

Program Quality Assurance and Quality Control

JCP&L plans to contract with experienced and qualified TPICs to support the successful implementation of the programs. During the selection process, the Company will prioritize, among other criteria, the vendor's demonstrated experience in delivering similar programs or initiatives, further supporting program quality to customers. The Company will deploy routine quality assurance and quality control measures to ensure its internal and vendor processes are meeting the goals, requirements, and objectives of the programs.

Throughout implementation of the programs, the Company will perform program oversight, supported by evaluation activities (*e.g.*, surveys, inspections, reviews, and process evaluations) to monitor program delivery, ensure customer access to programs, and verify quality standards are met. Additionally, any trade ally or contractor will undergo a thorough onboarding review to ensure appropriate licensure, insurance, and comprehension of program requirements prior to performing any work on behalf of the Company and programs. The Company will take corrective actions for any trade ally or contractor deficiencies identified while overseeing programs, including for non-compliance with program requirements, objectives, or Company standards.

Complaint Resolution

All program inquiries and complaints will be initially fielded by the program TPIC for their review and resolution. Additionally, the TPICs are obligated to report customer inquiries and complaints to the Company, including details of the inquiry or complaint, its status, and the resolution. The TPIC and Company will make every effort to satisfactorily resolve any complaints at the outset. Should any concerns not be able to be resolved within the Company, the complaint would be referred to the BPU Division of Customer Assistance.

Quality Control for Reporting

The Company has developed an enterprise-wide EE&C Tracking and Reporting System in partnership with a third-party vendor to support regulatory required EE&C reports across any jurisdiction in its footprint. In addition, the Company will utilize SAP² enterprise software for financial management and reporting of program costs.

4b. Workforce Development and Job Training (MFR II.b.ii)

JCP&L recognizes the importance of supporting Workforce Development Programs, and references the EMP, which states:

A modern, educated workforce will be required to fill the new job opportunities created by New Jersey's growing clean energy economy. This economy includes the development of new industries such as offshore wind, the ramp-up of research and development in sub-sectors such as battery storage, and the expansion of existing sectors such as solar (rooftop and community) and energy efficiency. As these areas expand over the coming years, declining industries will be simultaneously shedding workers, and skill gaps will emerge. It is critical that state agencies work together with business leaders, educational institutions, and communities to develop programs that both train new workers and support those transitioning. Such programs are critical in providing New Jersey's workforce with the necessary skills to thrive in a 21st century economy. Developing a local population of trained energy professionals will ensure that there is a sufficient workforce to support the expansion of New Jersey's clean energy economy and that the economic benefits of this expansion stay within the state.^[3]

A strong pool of qualified candidates is necessary to meet the increasing requirements and opportunities associated with the State's EE, DR, and BD goals. Meeting these goals will require a significant increase in customer and trade ally participation as the Company strives to meet the energy savings, demand reduction, and BD program targets. Throughout the implementation phase, the Company will continue to work with stakeholders in conjunction with the EE Workforce Development Working Group to develop and support opportunities to address training needs, career paths, trade ally needs, and contracting provisions. The Company will also work with peer utilities and stakeholder groups to look for and identify areas of need and opportunities to fill any gaps in training requirements, to identify areas that will require additional resources, and to partner with peers to avoid duplicative commitment of resources and funding. Additionally, the Company will seek to identify and leverage opportunities to develop partnerships with New Jersey Department of Labor and workforce development initiatives to generate and fund workforce development initiatives.

JCP&L has been an active participant in the EE Workforce Development Working Group, working to share anticipated program hiring needs and to understand the interests, feedback, and concerns of other stakeholders. The Company anticipates that this Working Group will continue to provide input that will help shape the slate of programs and policies. The Company plans to improve and

² SAP, which stands for System Applications and Products, is the Company's Enterprise Resource Planning software

³ 2019 Energy Master Plan, Section 7.2

develop a robust pipeline of workers able to meet the needs of a growing EE industry in New Jersey. In addition, the Company plans to ensure that local, underrepresented, and disadvantaged workers are included in those opportunities, consistent with State policy directives.

Training Needs and Career Paths

To address the availability of workforce resources required to successfully fulfill program services, JCP&L plans to support training for the skill sets necessary for implementation of programs and projects—including energy auditing, marketing, and customer service and support—ongoing analysis of cost benefits and costs, and evaluation measurement and verification of savings. Additionally, as the BD program represents new measures, the Company will seek to provide workforce training opportunities for any specific requirements of this initiative. Examples of the trades required are HVAC technicians, plumbers, electricians, and insulation contractors. For the BD program in particular, electricians will play a critical role in wiring upgrades needed for additional building electric loads. Quality control, cost effective analysis, and EM&V may require analysts and auditors (*e.g.*, for energy modeling and evaluation, customer service, financial tracking, and demographic analysis).

The Company recognizes that these positions require a broad range of technical training and educational experience and will look to partner with New Jersey-based vocational institutions, community colleges, universities, community-based organizations, and nonprofits. The Company looks forward to continuing collaboration with the EE Workforce Development Working Group and expects the discussions will continue to include insights from successful models in other states and other industries, as well as efforts already underway in New Jersey.

Trade Ally Needs

While ensuring trained resources are available is an essential aspect of workforce development, the Utilities also recognize there must be a pool of employers interested in hiring these individuals. JCP&L recognizes that it must also engage the open market to understand the needs of contractors and other firms. Organizations like the New Jersey Air Conditioning Contractors Association, the New Jersey Association of Plumbing, Heating, and Cooling Contractors, and the New Jersey Association of Energy Engineers provide industry leadership and guidance to energy businesses and should be included in discussions to guide policies and be engaged in training programs to meet the needs of existing and new contractors.

Consistent with State policy, as outlined in the EMP and expanded upon in the Orders, the Company, together with the EE Workforce Development Working Group, will also explore paths that can help MWVBes, as well as both individuals and underrepresented businesses located in OBCs, to grow and thrive in the clean energy economy.

Contracting Provisions

JCP&L will follow internal procurement protocols, which include consideration of the amount of business placed with MWVBes, for services necessary to implement its programs. Additionally, the Company will encourage the hiring of local, underrepresented, and disadvantaged workers,

and subcontracting with minority-, women-, and veteran-owned and other underrepresented businesses with its program implementation providers throughout program implementation.

Budget Considerations for Workforce Development Programs

JCP&L proposes a total budget of \$600,000 per year for workforce development, as presented in Appendix B. This budget is intended to ensure adequate funding to launch and maintain programs, including DR and BD. The Company will also pursue State-funded grants and utilize any wrap-around supportive services offered by the State.

4c. Customer Access to Usage Data (MFR II.b.iii)

JCP&L provides access to energy usage data to its customers through the customer's online accounts where customers are initially provided 12 months of energy usage data and bar graphs illustrating their usage over time. The Company also provides an "Analyze Usage" function option through customer online accounts that provides up to 24 months of energy usage data, temperature, and meter reading types along with energy costs. Additionally, hourly energy usage data is available for up to 24 months for customers with interval meters.

As part of its plan to modernize the electric distribution system, the Company began installing smart meters/AMI on customers' homes and businesses throughout its service territory in 2023, with most customers scheduled to receive a smart meter by 2026. This will provide customers with additional information they need to better manage their electricity use.

Customers will be able to access AMI data, when available, through the customer's online accounts providing access to a web presentment portal. For C&I presentment, data will be presented as 15-minute intervals, daily, or monthly upon customer request. For Residential presentment, data will be presented as hourly, daily, or monthly based on customer request.

In addition to online presentation of energy usage data, the Company also provides a "Green Button" function to customers through their online accounts and "Analyze Usage" function where customers can download their energy usage data in CSV or XML format. Additional historic energy usage data beyond 24 months can be obtained where available using this function.

The Company will also provide a billing usage statement to customers who make a request through the Company's contact center. The statement includes 12 months of history, including the read date, meter reading, consumption usage, days in billing period, daily use, and read type, in addition to other billing information.

4d. Marketing Plan (MFR II.b.vii)

JCP&L will implement multi-pronged direct and indirect marketing campaigns to promote residential and non-residential programs to all eligible customers across the Company's electric service territory. Customers will be exposed to broad-based EE and DR awareness campaigns, web-based engagement and information, digital advertising, social media, and hard-copy materials to promote awareness, as well as tie-ins with other programs. Retailers, wholesalers, distributors, manufacturers, and trade allies will be contacted directly and/or through trade associations to

develop networks and promote involvement in the programs where applicable. A combination of strategies will be used to train and support retailers, distributors, and other program allies, including media advertising, outreach community forums, events, and direct outreach to customers.

The Company will also continue to engage community partners, chambers of commerce, and other local organizations, including those comprised of underrepresented and socially or economically disadvantaged individuals. Educating building owners and operators about the benefits of EE improvements and improved systems performance—including through educational brochures, customer and partner seminars, program promotional material, platforms, and website content—will be key to promoting the programs. The Company will also consider the potential to utilize customer information analytics or other targeted energy education outreach to identify and target customers best suited for participation in the programs. The collective marketing plan strategy is useful for enrolling eligible customers that may be interested in participating in the programs but have not heard of or are unaware of such programs, or do not have the time or resources to prioritize investigating EE opportunities or reaching out to the Company.

The Company's established customer communication channels, data, and brand in the marketplace will all be leveraged to deliver best-practice programs that identify and confront market barriers on an ongoing basis. The Company will continue to engage with the BPU Marketing Group and the Joint Utilities to strategize about evolving approaches to marketing and to employ best practices and consistent messaging, where practicable. To the extent possible, the Company will cross-promote programs to spread awareness of the range of efficiency opportunities proposed in this Plan and eliminate barriers to participation.

Marketing programs will be developed to encompass core and sector level programs, and, in each case, market barriers will be identified and addressed. Marketing programs for the following known market barriers will be tailored for each program and subprogram as necessary:

- **Initial Cost:** Relative to the market baseline for all segments, efficient equipment, energy assessments, and retrofits are more expensive, and often carry a higher upfront cost but a lower lifetime operating cost. Customers often may not fully value the lifetime operating cost advantage of efficient equipment, and, as a result, higher upfront costs are a barrier to purchasing efficient equipment, replacing existing equipment with new energy efficient equipment, or having an assessment done on their home, business, school, or other property. To address this barrier, the Company will educate customers and market incentives to reduce or eliminate the initial or upfront costs. OBR or access to financing with similar terms will also be promoted to help mitigate the upfront cost barriers.
- **Customer Awareness and Engagement:** Customers may not be aware of the benefits of installing efficient equipment or lack the time and resources to pursue or research efficient equipment alternatives when replacing existing equipment. To address this barrier, the Company will educate customers on the benefits of installing efficient equipment through targeted marketing campaigns, ensure that incentives are easily accessible, and provide tips and recommendations to customers that promote available EE&C programs. Through outreach efforts, the Company will seek to partner with retail and wholesale entities to

promote program offerings. Further, the Company will also focus marketing, education, and outreach efforts on trade ally and community focused groups to ensure that both are aware of available incentives and are prepared to serve and educate customers on savings, benefits, and incentive opportunities associated with EE&C programs. Potential community focused partner groups may include but not be limited to organizations such as the Chamber of Commerce, local food banks, faith-based organizations, and the Small Business Administration. To increase awareness among customers with English as a second language, JCP&L will develop and provide outreach materials in Spanish. The Company intends to be active participants in both the Equity or Marketing Working Groups and expect to address the need and cost for developing materials in a broader range of languages as part of those discussions.

- **Landlord/Tenant Arrangements:** Split incentives between landlord/tenants with respect to whom pays for energy use vs. who owns the energy-using equipment can be a challenge to investment decisions. To address this barrier, applicable programs will be marketed to both landlords and tenants to assure that those exposed to energy costs are able to participate in the program. The Company may also provide technical and outreach assistance to property owners and managers in developing and marketing green properties to attract tenants.
- **Trade Ally Awareness and Training:** To meet the participation goals, sufficient contractors must be available to undertake the work. The Company will address this barrier by trying to recruit more contractors to secure the additional certifications necessary to participate in the programs, including pursuing initiatives that align with the EE Workforce Development Working Group's strategies to include more local, underrepresented, and disadvantaged workers.

Residential

As outlined above, JCP&L will implement multi-pronged direct and indirect marketing campaigns to promote residential programs and to assure subprogram awareness and participation is maximized. The Company will explore opportunities to provide customized information to customers with prioritized action items to maximize availability and uptake. A combination of strategies will be used to train and support retailers, distributors, and other program allies, including media advertising, outreach community forums, events, and direct outreach to customers. Point-of-purchase signage will be placed near discounted/rebated products in participating retail stores. The Company will also look to leverage the behavior program for "warm leads" into the programs through both the home energy reports and online audit tool.

The residential programs are designed to minimize barriers to participation, including, among others, customer awareness, split incentives resulting from landlord-tenant arrangements, the availability of energy efficient products, the upfront costs of EE upgrades, and health and safety barriers. The Company will seek to manage barriers to program success through a commitment to monitoring program performance and feedback channels for assessing effective program design, delivery, outreach, and marketing/advertising, as well as improvement opportunities. The Company's established customer communication channels, data, and brand in the marketplace will

all be leveraged to deliver best-practice programs that identify and confront market barriers on an ongoing basis. To the extent possible, the Company will cross-promote programs to spread awareness of the range of efficiency opportunities proposed in this Plan.

Commercial and Industrial

Marketing will specifically target C&I and governmental entities within JCP&L's service territory depending upon the subprogram offering. The Company will continue to leverage relationships with municipalities, universities, schools, and other public agencies to promote programs and increase awareness. In addition, the Company will conduct further outreach through school, university, healthcare facilities, nonprofits, and municipal trade associations.

The Company will leverage existing relationships with C&I customers to promote the overall program. The program will be specifically marketed as a comprehensive solution for a customer to improve the energy performance of its building by utilizing many of the services that the program offers. The subprogram will leverage the Company's existing relationships and communication channels with customers through subprogram staff and account management teams.

The C&I programs are designed to minimize barriers to participation, including business/operational constraints, customer awareness and engagement, and cost effectiveness. The Company will seek to manage barriers to program success through a commitment to monitoring program performance and feedback channels for assessing effective program design, delivery, outreach, and marketing/advertising, as well as improvement opportunities. The Company's established customer communication channels, data, and brand in the marketplace will all be leveraged to deliver a best-practice subprogram that identifies and confronts market barriers on an ongoing basis. To the extent possible, the Company will cross-promote other programs and subprograms to spread awareness of the range of efficiency opportunities proposed in this Plan.

Through outreach and partnership efforts, the Company will focus marketing, education, and outreach efforts to expand awareness and education to customers on savings, benefits, and incentive opportunities associated with EE&C programs. The Company may also explore providing outreach materials in Spanish to reach Spanish-speaking business owners.

For small business customers, nonprofit organizations, and faith-based customers, the Company intends to overcome these market barriers by providing turnkey, direct installation of efficiency measures tailored to these eligible customers at no cost, while identifying additional efficiency opportunities directly on-site, and through directly soliciting eligible customers for participation. This personalized approach builds awareness and trust and achieves results while increasing the likelihood of further participation referrals. To increase participation rates among a diverse demographic, the Company may include focused outreach efforts to reach minority- and women-owned small businesses and start-ups by engaging with business groups and organizations that support these customers.

Multifamily

The marketing strategy will focus on informing property owners, managers, associations, tenant groups, municipalities, and community organizations about the availability and benefits of the program and how to participate. Marketing activities will also target the LMI multifamily sector. Key elements of the marketing strategy may include: targeted outreach through direct mailings and presentations to inform property owners, property managers, apartment associations, tenant groups, municipalities, and community organizations about the benefits of the program; printed marketing materials highlighting the benefits and features of the program as well as the enrollment and participation processes; website content providing program information resources and contact information; in-person visits by program representatives to properties with three or more units; and, lastly, energy assessments of properties. These energy assessments may involve implementing standard energy-saving measures to encourage, educate, and incentivize building owners or facility managers to take part in additional program options aimed at achieving more substantial savings.

The multifamily programs are designed to minimize barriers to participation, including business/operational constraints, customer awareness and engagement, cost effectiveness, split incentives, and complex buying processes. The Company will seek to manage barriers to program success through a commitment to monitoring program performance and feedback channels for effective program design, delivery, outreach, and marketing/advertising, as well as improvement opportunities. The Company will leverage its established customer relationships, communication channels, data, and brand in the marketplace to identify and confront market barriers on an ongoing basis.

Additional Utility Led (BD, DR)

The marketing of these programs will be provided by TPICs managed by JCP&L personnel. Other marketing activities may target program allies, trade allies, and customers, where applicable, to inform them of the program, its components, and the associated benefits to participation. The Company or the TPICs may recruit program or trade allies throughout program implementation. The Company or the contractors may also market and/or cross market the program offerings to customers through bill inserts, social media, email, online marketing, direct mail, print, newspaper and radio advertisements, Home Energy Reports, point-of-sale displays at retailers, in-store, community events, and the Company's website. The contractors will design and produce all materials needed to promote the program, including promotional signage, informational brochures, and rebate forms.

4e. Evaluation, Measurement and Verification (MFR VI.a.)

The Utilities recognize the importance of incorporating Evaluation, Measurement and Verification ("EM&V") into the EE, DR, BD start-up, and other programs. EM&V can help assess whether program objectives are being achieved, document energy and non-energy benefits, and inform both future program modifications and development. PJM Interconnection, L.L.C. ("PJM") specific EM&V will also be needed to support Utility EE Offers into PJM's Capacity Market.

The Utilities will continue to work with the State-Wide Evaluator ("SWE") and contribute to the

EM&V working group. Evaluation activities, products, and processes will be completed consistent with the New Jersey Energy Efficiency Triennium 2 Evaluation Framework and subsequent guidance documents by Staff and the SWE. Further, each Utility has included funding to support the anticipated evaluation work within their respective filings. Proposed budgets for evaluation are reflected in Appendix B.

Common Definitions and Objectives

The State and Local Energy Efficiency Action Network offers resources, discussion forums, and technical assistance to state and local policymakers as they seek to advance EE. The EE Program Impact Evaluation Guide from December 2012 identified three primary objectives for evaluations.

- **Document the benefits** (*i.e.*, impacts) of a program and determine whether the subject program (or portfolio of programs) met its goals.
- **Identify ways to improve current and future programs** through determining why program-induced impacts occurred.
- **Support energy demand forecasting and resource planning** by understanding the historical and future resource contributions of EE as compared to other energy resources.

That same guide provides the following standard categories of evaluations:

- **Impact evaluations:** Assessments that determine and document the direct and indirect benefits of an EE program. Impact evaluation involves real-time and/or retrospective assessments of the performance and implementation of an efficiency program or portfolio of programs. Program benefits, or impacts, can include energy and demand savings and non-energy benefits (sometimes called co-benefits or non-energy impacts, with examples being avoided emissions and water savings). Impact evaluations can also include cost-effectiveness analyses aimed at identifying relative program costs and benefits of EE, as compared to other energy resources, including both demand- and supply-side options.
- **Process evaluations:** Formative, systematic assessments of an EE program from both a customer and program administrator viewpoint. Process evaluations document program operations and identify and recommend improvements that are likely to increase the program's efficiency or effectiveness for acquiring EE resources and improve the customer experience with the program.
- **Market evaluations:** Assessments of structure or functioning of a market, the behavior of market participants, and/or market changes that result from one or more program efforts. Market evaluation studies may include estimates of the current market role of EE (market baselines), as well as the potential role of efficiency in a local, state, regional, or national market (potential studies). Market evaluation studies indicate how the overall supply chain and market for EE products works and how they have been affected by a program. These evaluations can also include assessments of other societal, customer, or utility benefits of EE programs, such as the economic and job creation impacts of the programs, health benefits to society, or transmission and distribution benefits to utilities. And, finally, these studies can also be used to inform changes to the portfolio of efficiency measures to be offered to customers, or the savings achieved by the measures.

Monitoring and Improving Program and Portfolio Performance

There is a feedback loop among program design and implementation, impact evaluation, and process evaluation. Program design and implementation and impact evaluation are elements in a cyclical feedback process. Initial program design is informed by prior baseline and market potential studies. Ongoing impact evaluation quantifies whether a program is meeting its goals and may raise questions related to program processes and design. Process evaluation tells the story behind how the impact was achieved and points the way toward improving program impacts by providing insight into program operations. Thus, the three elements work together to create a better, more effective program.

Budget Considerations for EM&V Work

As noted, proposed budgets for EM&V are reflected in Appendix B. These budgets were established at or below the industry standard for this type of work, excluding the cost of financing and any anticipated costs associated with additional studies performed at the direction of the BPU Staff or the EM&V Working Group.

TRM Considerations

The Utilities will utilize the TRM applicable to determining CEA savings compliance at the time when a project is committed to calculate energy savings for that project, regardless of when the project is complete.

4f. Reporting Plan (MFR VIII)

The Utilities will continue to comply with the reporting requirements for energy efficiency programs as outlined in the BPU's May 24 and July 26 Energy Efficiency Framework Orders, as well as related guidance by Staff and the Board of Public Utilities. In particular, the Utilities will work with Staff and the EM&V Working Group to develop new metrics to track net budget transfers and financing/OBR performance.

If the impact of interactive effects would cause a Utility to miss a quantitative performance indicator ("QPI") target due to a change in the measure mix implemented by customers when compared to Plan assumptions, the Utility should not be penalized. If the overall QPI would result in an ROE penalty under this scenario, the Utility reserves the right to remove negative savings in order to avoid incurring a penalty.

4g. Overburdened Community Standardization

Utilities will focus their efforts to provide equitable access to EE for residential customers residing in an OBC that is defined by a low-income designation. In accordance with treatment during Triennium 1 and guidance from BPU Staff, only customers in the following OBC categories, as defined by the New Jersey Department of Environmental Protection¹ ("DEP"), will be tracked and reported:

- Low Income;

- Low Income & Limited English;
- Low Income & Minority; and
- Low Income, Minority & Limited English.

Additionally, in order to ensure consistent reporting across the Utilities and throughout Triennium 2, the Utilities will utilize the dataset available from August 31, 2023, on the DEP's website (data created and last updated on 4/10/23) to track and report OBC participation in the programs, including for the purposes of establishing and evaluating the QPIs.

Consistent with Triennium 1, Utilities will deploy approaches to target the market or pre-screen customers based on the location of their primary residence within the boundaries of census tracts federally recognized as low or moderate income and a self-attestation for income qualified programs or enhanced incentives under other programs (*e.g.*, Energy Efficient Products program).

Utilities plan to report actual performance of LMI customers and customers within OBCs, as defined above, and are committed to strengthening the infrastructure to support enhancements for customer screening for LMI customers and reporting equity metrics for both LMI and OBC customers.

As noted in the New Jersey Utilities Association comments filed in response to the Straw Proposals within this docket, the Utilities continue to believe there is an opportunity to further streamline administration and eliminate a barrier to participation by allowing any applicant from a qualifying OBC community to access the enhanced level of benefits. The Utilities recognize that the May 24th Order called for continued self-attestation in those areas but believe this decision is worth reconsideration within these cases.

[4h. Financing/On Bill Repayments Description](#)

JCP&L proposes to continue providing access to financing in Triennium 2, in furtherance of its EE goals. The residential, multifamily, and C&I programs incorporate various strategies to help customers reduce energy use through changing behaviors and investments in EE projects. The programs are designed to take advantage of incentives to promote adoption of energy efficient behaviors and to address initial cost barriers with more efficient equipment. Continuing to provide a financing option to defray the initial investment associated with efficiency upgrades further promotes increased participation of qualifying customers. The Company firmly believes that low- to no-cost financing options are an important option for some customers to overcome their financial barriers to participation (*e.g.*, small business or moderate-income residential customers). The Company also believes that low- to no-cost financing will be necessary to achieve the increasingly aggressive goals during Triennium 2 and notes that financing is common in states that achieve high levels of savings.

To provide access to financing initially, the Company plans to contract with a third-party to administer providing low- to no-interest loan opportunities for qualifying customer investments in EE and BD projects. The Company plans to move from an off-bill repayment mechanism to an on-bill repayment mechanism, with the option to move towards Company administration. The Company has budgeted estimated administrative costs associated with continuing to provide loans

in Triennium 2. The loan administrator will be responsible for screening customers for eligibility and all loan origination and processing activities. The Company intends to work with the other NJ Utilities throughout implementation to continue to provide comparable financing offerings to customers and deliver similar access across the coordinated programs.

The Company's financing proposal allows customers to have the flexibility and convenience of being able to pay for higher-priced EE products and projects over a period of time that better aligns with the time frame that they will be reaping the bill savings. The Company plans to make this financing option available for customers participating across the Residential, Multifamily, and C&I sector programs where qualifying measures involve a sizeable cost to the customer, including major appliances, HVAC, home retrofit and multifamily projects, small business direct install projects, C&I prescriptive and custom measures, and Energy Solutions projects.

The following table summarizes the programs, eligibility, and terms associated with the Company's financing proposal for qualifying EE and decarbonization projects:

Table 6: Program Financing Overview				
Program	Eligibility	Terms ¹		
Whole Home	Comprehensive retrofit projects, balance of project cost	Maximum to be financed	<\$10,000	\$10,000 to \$25,000
		Interest Rate	Up to 2.99%	Up to 2.99%
		Term	Up to 7 years & 10 years for LMI	Up to 10 years
Efficient Products	Efficient program eligible major appliances, HVAC and water heating equipment	Maximum to be financed	Up to \$25,000	
		Interest Rate	Up to 2.99%	
		Term	Up to 7 years & 10 years for LMI	
Multifamily	Comprehensive retrofit projects, prescriptive/custom equipment, Engineered Solutions projects, balanced of program eligible project cost	Maximum to be financed	MF HPwES: Up to \$3,000/unit	
			Other MF subprograms: balance of project cost per these terms:	
			- For non-OBC multifamily, financing will be available up to \$250k. Above \$250k, financing will cover 80% of balance of project cost.	
			- For OBC and LMI multifamily, financing available for balance of project cost after incentives.	
		Interest Rate	Up to 2.99%	
		Term	MF HPwES: Up to 7 years.	
Other MF subprograms: Up to 5 years				
LMI: Up to 10 years for all MF subprograms				
Energy Solutions ²	Comprehensive retrofit projects, prescriptive/custom equipment, Engineered Solutions projects, Balance of program eligible project cost	Maximum to be financed	Up to \$250k financing. Above \$250k, financing will cover 80% of balance of project cost. For MUSH and OBC, financing for balance of project cost	
		Interest Rate	Up to 2.99%	
		Term	Up to 5 years	
Direct Install ³	Balance of program eligible project cost	Maximum to be financed	Up to \$250k financing. Above \$250k, financing will cover 80% of balance of project cost. For MUSH and OBC, financing for balance of project cost.	
		Interest Rate	Up to 2.99%	
		Term	Up to 5 years	
Prescriptive/Custom ²	Efficient program eligible Prescriptive/Custom equipment. Balance of program eligible project cost	Maximum to be financed	Up to \$250k financing. Above \$250k, financing will cover 80% of balance of project cost. For MUSH and OBC, financing for balance of project cost.	
		Interest Rate	Up to 2.99%	
		Term	Up to 5 years	
Building Decarbonization	Balance of program eligible project cost	Maximum to be financed	Up to balance of project cost. For Make Ready, up to \$2000 for non-Income Qualified customers.	
		Interest Rate	Up to 2.99%	
		Term	Up to 7 years	
1. Minimum amounts to be financed may be required based on program, economic or other market conditions				
2. Energy Solutions & Prescriptive/Custom project financing over \$1,000,000 reported in quarterly reports.				
3. DI project financing over \$250,000 reported in quarterly reports.				

4i. Energy Efficiency As A Resource

The Board Orders for the Second Triennium of Energy Efficiency and Peak Demand Reduction Programs require electric utilities to offer eligible EE Resources from programs they have led into applicable PJM Base Residual Auctions (“BRAs”) and/or participate to true up market positions in Incremental Auctions (“IAs”) or secondary markets as available or necessary. JCP&L intends to offer in EE peak reduction values from programs consistent with the Order and PJM’s governing Manuals 18 and 18B. The Company plans the following considerations and processes for use in the development of its EE resource values to facilitate participation in the PJM Capacity Auctions.

- Offer in resources from programs where JCP&L has served as the lead utility.
- Identify and remove energy savings from PJM ineligible measures.
- Establish JCP&L Capacity Rights to the EE resources offered to avoid double counting of EE resources by third parties.
- Categorize all PJM eligible measures by PJM Program name.
- Segregate EE resources provided for NJ fiscal year (July-June) into the applicable PJM delivery year (June-May).
- Assign a savings load shape to each PJM eligible EE measure.
- Determine the kW savings values for each measure for the PJM defined Summer and Winter periods using the appropriate load shape curve values accounting for HVAC interactive factors and fuel type (PJM Capacity Performance kW is the lesser of the Summer or Winter kW values by installation period).
- Include T & D line losses to adjust retail kW values to wholesale kW values.
- PJM kW values for any Point of Sales (POS), Mid-Stream, and Up-Stream Programs include adjustments. Measures from these programs require additional PJM EM&V and annual persistence studies to ensure offered EE measures are initially installed in the JCP&L load zone and remain in service during each applicable delivery year.
- Recognize that EE resources have a limited offer duration of four years with additional installation period limitations.
- Recognize that PJM Auctions have been delayed and some IA auctions cancelled and as such, EE resources for some installation years may not come to fruition or no longer be eligible for inclusion in BRA and IAs.

EE Offers are made in Installed Capacity (ICAP) values but clear in Unforced Capacity (UCAP) values based on PJM’s Planning Parameters for each specific auction. The UCAP values that clear an auction will remain the obligation for the delivery year regardless of subsequent IA parameter changes. True ups may be needed during incremental auctions or at a minimum the Third IA when parameters become final, to either purchase any shortfall resources or possibly sell any excess resources.

JCP&L will develop its EE offers with the intent to avoid penalties or losses. If JCP&L incurs any PJM penalties or losses, per the Order the Company will petition to recover such losses or penalties

incurred in subsequent cost recovery filing, providing support that the Company exercised prudence in our FCM offers and acted reasonably with respect to our positions in the IAs or in the secondary market.

If JCP&L determines that its participation in the PJM FCM will not be cost-effective for NJ customers, in other words, that JCP&L anticipates that the costs required to obtain the revenues will exceed the revenues obtained, the Company will seek a waiver of the requirement.

All EE sell offer values and buy bids shall remain confidential as they are considered market sensitive information. The Company will submit confidential reports to Staff and Rate Counsel after every auction providing the offered and cleared EE resource MW values and clearing prices.

5.0 CONSISTENT DELIVERY IN OVERLAPPING TERRITORIES

NJ Utility Approach to Coordinated Program Delivery and Budgeting (MFR II c.)

In response to the New Jersey Board of Public Utilities' Framework Orders⁴ directing each electric public utility and gas public utility in the State of New Jersey to establish energy efficiency ("EE") and peak demand reduction ("PDR") programs for the second triennium of programs implemented pursuant to the Clean Energy Act of 2018, the New Jersey investor-owned electric and gas utilities are collaborating in order to implement programs in a consistent manner and develop supportive processes, procedures, requirements, and forms.

Coordinated Program Offerings

To support the coordinated delivery of core programs and certain additional program offerings in situations that involve gas and electric savings opportunities in overlapping utility territories, the Utilities have established a framework that will align key program elements through use of Interconnected Tracking Systems supported by use of a Statewide Coordinator System, aligned Utility Responsibilities, and Coordinated Program Elements as further described below. This structure will support the coordinated delivery of appropriate energy efficiency measures, if offered, in the following Programs:

Core Offerings

- Whole Home
- Income Qualified
- Energy Efficient Products
- Energy Solutions
- Direct Install
- Prescriptive & Custom
- Multifamily

Interconnected Tracking Systems

To support consistency across the State and to align the above coordinated program offerings, the Utilities will utilize a single third-party entity to serve as a Statewide Coordinator ("SWC") for measures and costs that impact more than one utility in situations where gas and electric service territories overlap. This entity provides a software platform to validate the local gas and electric company serving the customer and perform independent allocations of energy savings and costs for coordinated program offerings.

These costs and savings will be allocated between the utility that provides the program services

⁴ See June 10, 2020 Order, BPU Docket Nos. QO19010040, QO19060748, and QO17091004; May 24, 2023 Order, BPU Docket Nos. QO19010040, QO23030150 & QO17091004; and July 26, 2023 Order, BPU Docket Nos. QO19010040, QO23030150 & QO17091004

(*i.e.*, the “Lead Utility”) and the utility with whom the services were coordinated (*i.e.*, the “Partner Utility”).

In areas where gas and electric service territories overlap, the Utilities will design program elements that support consistent delivery of the above coordinated program offerings among all the Utilities to enable the SWC to allocate shared costs and energy savings appropriately based on the fuel types impacted by EE measures.

Statewide Coordinator System Responsibilities

- Serve as a central platform to ensure data minimums required for coordinated data elements, exchange protocols, and serve as a repository for shared measure costs and shared savings for applicable programs.
- Track participation specific to Utility programs that require coordination (*e.g.*, screen prior participation in coordinated program offerings).
- Serve as a clearing house for pre-determined data formats and exchanges.
- Perform allocation of dual-fuel or partner-fuel savings and cost for customers with separate gas and electric utilities, to facilitate sharing of costs and investments.
- Determine and provide supporting reports respective to Utility invoice balances for allocation of shared measure costs (*e.g.*, costs of respective measures and share of costs).
- Provide monthly reports of coordinated program activity so that customer participation and program results may be tracked.

Utility Responsibilities

The Utilities will implement certain program operations through either internal resources, or under contract with third-party implementation contractor(s) (“TPIC”), outside of the Statewide Coordinator system. By retaining these functions, the Utilities can maintain a strong line of sight to program operations and still work collaboratively with the other Utilities in offering coordinated programs to New Jersey customers. These functions may include, where appropriate:

- Customer enrollment
- Developing consistent enrollment forms to collect agreed-upon customer information to share between the Utilities
- Screening and qualifying contractors for Utility programs
- Customer care functions
- Marketing of programs
- Providing in-home/business auditing or direct-install of efficiency measures
- Communicating availability of customer financing options
- Integrating with other Utility programs
- Sponsoring EE program applications including paying incentives to customers and contractors
- Invoicing peer Utility partners for coordinated program costs

Coordinated Program Elements

As envisioned by the Board's direction on coordinated program offerings, the Utilities' programs are designed to minimize customer confusion and present consistent opportunities for customer participation with access to both electric and gas measures, where appropriate. The Utilities recognize that programs will continue to evolve and commit to ongoing collaborative efforts among the Utilities to continue program alignment. Ongoing efforts will include a focus by the Utilities to standardize the following where appropriate:

- Common forms for contractors and customers with uniform field requirements
- Contractor minimum requirements and credentials for applicable programs
- Eligible customers and property requirements
- Eligible measures
- Incentive structures through use of an agreed-upon standard incentive range
- Software platforms or interfaces to be used by contractors
- Targeted bonus approaches for customers that meet specific policy priorities (*e.g.*, income qualified, targeted geographic locations).

Program Assumptions

The Utilities have standing sector specific committees (Residential and C&I), as well as specialized committees (*e.g.*, EM&V), which have been active since early 2020. They routinely meet to address coordination issues, share feedback regarding program activity, and plan for future modifications/enhancements. As part of planning for this filing, the Utilities have reviewed assumptions on average project size and related EE measures but did not mandate identical assumptions. Comparisons have shown that there can be variations in market activity across service territories. The flexibility in the approach to offer incentives within approved incentive ranges enables Utilities to remain responsive to the market conditions within their respective service territories.

Budgeting

The Utilities recognize the importance of creating a solution that allows a Lead Utility to pursue their approved program portfolio to ensure they are able to meet their Clean Energy Act obligations and to be in a position to support any shared or cross-fuel energy savings from their Partner Utility. It is critical that such a structure minimizes the potential for any disruption to the market and provides customers with equitable access to the programs, regardless of their geographic location. The Utilities have included in their plans a net transfer amount that represents the Utilities best efforts to predict the net effect of sales of energy savings between lead and partner Utilities.

6.0 APPENDICES

As noted above, all of the appendices are formatted similarly and in the same order, but present Utility-specific information. Appendix H: Incentive Ranges is formatted similarly but has some variation due to differences in Utility specific program proposals.

- 6a. Appendix A: Program Participants & Energy Savings by Program
- 6b. Appendix B: Program Budgets and Costs by Program Year
- 6c. Appendix C: Total Budget Summary, Including Annual Budget Summary and Joint Budgets with Partner Utilities
- 6d. Appendix D: Forecasted Average Cost to Achieve Each Unit of Energy Savings in Each Sector
- 6e. Appendix E: Benefit Cost Analysis
- 6f. Appendix F: Quantitative Performance Indicators by Program Year
- 6g. Appendix G: Additional Utility-Led Initiatives
- 6h. Appendix H: Incentive Ranges
- 6i. Appendix I: Intentionally Omitted
- 6j. Appendix J: Other Supporting Tables

7.0 LIST OF TABLES

- Table 1: Program Year Planning Targets
- Table 2: Program Portfolio Plan Summary
- Table 3: Portfolio Plan Projections
- Table 4: Summary of Portfolio Costs
- Table 5: Portfolio Summary of Cost-Effectiveness Results
- Table 6: Program Financing Overview

Appendix A: Program Participants & Energy Savings* by Program Year (MFRs II.a.vii & II.a.viii)												
Program	PY4 Participants	PY4 Net Annual Energy Savings (kwh)	PY4 Net Annual Energy Savings (therms)	PY5 Participants	PY5 Net Annual Energy Savings (kwh)	PY5 Net Annual Energy Savings (therms)	PY6 Participants	PY6 Net Annual Energy Savings (kwh)	PY6 Net Annual Energy Savings (therms)	Total Participants	Total Net Annual Energy Savings (kwh)	Total Net Annual Energy Savings (therms)
Whole Home	24,388	5,225,141	326,932	52,622	10,495,429	705,440	53,327	10,140,047	714,972	130,338	25,860,618	1,747,344
Income Qualified	458	533,172	-	988	1,142,257	-	1,002	1,152,285	-	2,448	2,827,714	-
Energy Efficient Products	84,108	7,783,867	837,924	154,597	14,155,509	1,477,982	156,712	14,199,250	1,497,653	395,417	36,138,626	3,813,560
Behavioral	310,000	7,825,000	85,012	310,000	39,300,000	183,388	310,000	40,700,000	185,987	930,000	87,825,000	454,387
Residential Total	418,954	21,367,180	1,249,868	518,208	65,093,196	2,366,811	521,041	66,191,583	2,398,612	1,458,203	152,651,958	6,015,290
Energy Solutions	508	30,995,468	624,839	1,053	70,163,240	1,609,565	1,067	71,402,669	1,645,717	2,627	172,561,377	3,880,121
Prescriptive / Custom	3,878	37,451,090	(871,728)	7,641	67,228,954	(1,542,840)	8,105	63,857,640	(1,560,941)	19,625	168,537,684	(3,975,508)
Direct Install	487	16,902,963	1,859,789	1,210	42,254,866	4,651,133	1,225	42,729,054	4,705,292	2,922	101,886,883	11,216,214
Commercial & Industrial Total	4,873	85,349,521	1,612,900	9,904	179,647,061	4,717,858	10,397	177,989,363	4,790,069	25,174	442,985,944	11,120,827
Multifamily	102	903,362	201,162	221	1,913,454	433,264	224	1,930,959	438,725	547	4,747,775	1,073,151
Multifamily Total	102	903,362	201,162	221	1,913,454	433,264	224	1,930,959	438,725	547	4,747,775	1,073,151
Next Generation Savings	-	-	-	-	-	-	-	-	-	-	-	-
CVR	-	8,750,000	-	-	21,875,000	-	-	21,875,000	-	-	52,500,000	-
Building Decarbonization	374	-	-	1,482	-	-	1,483	-	-	3,339	-	-
Load Optimization & PDR	13,475	-	-	17,865	-	-	22,638	-	-	53,978	-	-
Additional Utility Total	13,849	8,750,000	-	19,347	21,875,000	-	24,121	21,875,000	-	57,317	52,500,000	-
Portfolio Total	437,778	116,370,063	3,063,930	547,680	268,528,711	7,517,933	555,783	267,986,904	7,627,405	1,541,241	652,885,678	18,209,268

* Excludes any impacts beyond PY6.
** Net annual energy savings presented at site-level includes both electric and natural gas savings for coordinated programs delivered by the lead utility
Program Year 4 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

Appendix B: Program Budgets and Costs by Program Year* (MFRs II.a.ix & II.a.x)											
Total Program Years 4-6 (PY2025-PY2027)	Capital Cost	Utility Administration	Marketing and Outreach	Outside Services	Incentives - Rebates	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community- Based Organizations	Total Budget
Whole Home	\$ -	\$ 800,595	\$ 738,260	\$ 13,865,850	\$ 58,136,687	\$ 608,925	\$ 794,395	\$ -	\$ -	\$ -	\$ 74,944,711
Income Qualified	\$ -	\$ 156,457	\$ 171,596	\$ 2,746,044	\$ 15,936,725	\$ 24,480	\$ 200,727	\$ -	\$ -	\$ -	\$ 19,236,029
Energy Efficient Products	\$ -	\$ 553,260	\$ 1,164,861	\$ 10,160,818	\$ 34,204,690	\$ -	\$ 833,178	\$ -	\$ -	\$ -	\$ 46,916,806
Behavioral	\$ -	\$ 349,899	\$ 104,139	\$ 6,396,557	\$ -	\$ -	\$ 72,240	\$ -	\$ -	\$ -	\$ 6,922,834
Residential Total	\$ -	\$ 1,860,209	\$ 2,178,855	\$ 33,169,269	\$ 108,278,102	\$ 633,405	\$ 1,900,539	\$ -	\$ -	\$ -	\$ 148,020,380
Energy Solutions	\$ -	\$ 3,252,302	\$ 3,092,670	\$ 57,561,897	\$ 136,545,611	\$ 2,044,304	\$ 2,567,396	\$ -	\$ -	\$ -	\$ 205,064,181
Prescriptive / Custom	\$ -	\$ 1,340,266	\$ 1,840,398	\$ 23,489,382	\$ 100,350,038	\$ 1,303,739	\$ 1,826,872	\$ -	\$ -	\$ -	\$ 130,150,694
Direct Install	\$ -	\$ 1,490,400	\$ 880,513	\$ 26,470,936	\$ 81,405,390	\$ 1,034,459	\$ 1,244,634	\$ -	\$ -	\$ -	\$ 112,526,333
Commercial & Industrial Total	\$ -	\$ 6,082,968	\$ 5,813,580	\$ 107,522,215	\$ 318,301,039	\$ 4,382,503	\$ 5,638,902	\$ -	\$ -	\$ -	\$ 447,741,208
Multifamily	\$ -	\$ 67,000	\$ 82,484	\$ 1,302,092	\$ 3,681,449	\$ 40,414	\$ 102,599	\$ -	\$ -	\$ -	\$ 5,276,038
Multifamily Total	\$ -	\$ 67,000	\$ 82,484	\$ 1,302,092	\$ 3,681,449	\$ 40,414	\$ 102,599	\$ -	\$ -	\$ -	\$ 5,276,038
Next Generation Savings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CVR	\$ -	\$ 125,000	\$ -	\$ 40,000	\$ -	\$ -	\$ 64,010	\$ -	\$ -	\$ -	\$ 229,010
Building Decarbonization	\$ -	\$ 225,596	\$ 1,004,760	\$ 3,222,911	\$ 22,196,690	\$ 33,390	\$ 306,432	\$ -	\$ -	\$ -	\$ 26,989,780
Load Optimization & PDR	\$ -	\$ 164,726	\$ 157,027	\$ 2,915,606	\$ 6,531,357	\$ -	\$ 103,011	\$ -	\$ -	\$ -	\$ 9,871,727
Additional Utility Total	\$ -	\$ 515,322	\$ 1,161,787	\$ 6,178,518	\$ 28,728,047	\$ 33,390	\$ 473,453	\$ -	\$ -	\$ -	\$ 37,090,517
Other Portfolio Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 625,000	\$ 2,125,000
Total Programmatic Budget	\$ -	\$ 8,525,500	\$ 9,236,706	\$ 148,172,094	\$ 458,988,638	\$ 5,089,711	\$ 8,115,494	\$ -	\$ 1,500,000	\$ 625,000	\$ 640,253,143
Net Transfers	\$ -	\$ -	\$ -	\$ -	\$ (43,000,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (43,000,000)
Total Direct Budget	\$ -	\$ 8,525,500	\$ 9,236,706	\$ 148,172,094	\$ 415,988,638	\$ 5,089,711	\$ 8,115,494	\$ -	\$ 1,500,000	\$ 625,000	\$ 597,253,143

Appendix B: Program Budgets and Costs by Program Year* (MFRs II.a.ix & II.a.x)											
Program Year 4 (PY2025)	Capital Cost	Utility Administration	Marketing and Outreach	Outside Services	Incentives - Rebates	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community- Based Organizations	Total Budget
Whole Home	\$ -	\$ 153,738	\$ 147,553	\$ 2,901,801	\$ 10,955,238	\$ 113,938	\$ 152,019	\$ -	\$ -	\$ -	\$ 14,424,288
Income Qualified	\$ -	\$ 32,397	\$ 35,021	\$ 619,529	\$ 2,981,945	\$ 4,580	\$ 38,737	\$ -	\$ -	\$ -	\$ 3,712,209
Energy Efficient Products	\$ -	\$ 120,522	\$ 237,279	\$ 2,404,800	\$ 7,270,830	\$ -	\$ 179,637	\$ -	\$ -	\$ -	\$ 10,213,068
Behavioral	\$ -	\$ 67,192	\$ 20,783	\$ 1,328,381	\$ -	\$ -	\$ 14,935	\$ -	\$ -	\$ -	\$ 1,431,293
Residential Total	\$ -	\$ 373,850	\$ 440,636	\$ 7,254,511	\$ 21,208,014	\$ 118,518	\$ 385,329	\$ -	\$ -	\$ -	\$ 29,780,857
Energy Solutions	\$ -	\$ 610,557	\$ 613,852	\$ 11,739,993	\$ 24,944,610	\$ 370,557	\$ 477,286	\$ -	\$ -	\$ -	\$ 38,756,856
Prescriptive / Custom	\$ -	\$ 276,743	\$ 373,850	\$ 5,247,271	\$ 20,715,713	\$ 265,038	\$ 370,705	\$ -	\$ -	\$ -	\$ 27,249,320
Direct Install	\$ -	\$ 249,041	\$ 164,531	\$ 4,816,098	\$ 13,788,629	\$ 172,381	\$ 211,110	\$ -	\$ -	\$ -	\$ 19,401,790
Commercial & Industrial Total	\$ -	\$ 1,136,342	\$ 1,152,232	\$ 21,803,363	\$ 59,448,952	\$ 807,977	\$ 1,059,101	\$ -	\$ -	\$ -	\$ 85,407,967
Multifamily	\$ -	\$ 15,871	\$ 17,409	\$ 328,697	\$ 698,309	\$ 7,750	\$ 20,340	\$ -	\$ -	\$ -	\$ 1,088,375
Multifamily Total	\$ -	\$ 15,871	\$ 17,409	\$ 328,697	\$ 698,309	\$ 7,750	\$ 20,340	\$ -	\$ -	\$ -	\$ 1,088,375
Next Generation Savings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CVR	\$ -	\$ 25,000	\$ -	\$ 10,000	\$ -	\$ -	\$ 12,802	\$ -	\$ -	\$ -	\$ 47,802
Building Decarbonization	\$ -	\$ 51,404	\$ 203,400	\$ 833,180	\$ 2,701,658	\$ 3,740	\$ 42,794	\$ -	\$ -	\$ -	\$ 3,836,177
Load Optimization & PDR	\$ -	\$ 39,033	\$ 39,023	\$ 744,727	\$ 1,630,475	\$ -	\$ 25,870	\$ -	\$ -	\$ -	\$ 2,479,128
Additional Utility Total	\$ -	\$ 115,438	\$ 242,423	\$ 1,587,907	\$ 4,332,133	\$ 3,740	\$ 81,466	\$ -	\$ -	\$ -	\$ 6,363,107
Other Portfolio Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 125,000	\$ 425,000
Total Programmatic Budget	\$ -	\$ 1,641,500	\$ 1,852,700	\$ 30,974,478	\$ 85,687,408	\$ 937,985	\$ 1,546,236	\$ -	\$ 300,000	\$ 125,000	\$ 123,065,306
Net Transfers					\$ (8,600,000)						\$ (8,600,000)
Total Direct Budget	\$ -	\$ 1,641,500	\$ 1,852,700	\$ 30,974,478	\$ 77,087,408	\$ 937,985	\$ 1,546,236	\$ -	\$ 300,000	\$ 125,000	\$ 114,465,306

Appendix B: Program Budgets and Costs by Program Year* (MFRs II.a.ix & II.a.x)											
Program Year 5 (PY2026)	Capital Cost	Utility Administration	Marketing and Outreach	Outside Services	Incentives - Rebates	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community- Based Organizations	Total Budget
Whole Home	\$ -	\$ 319,065	\$ 295,557	\$ 5,458,785	\$ 23,449,206	\$ 245,846	\$ 319,181	\$ -	\$ -	\$ -	\$ 30,087,641
Income Qualified	\$ -	\$ 61,204	\$ 68,330	\$ 1,058,849	\$ 6,431,890	\$ 9,880	\$ 80,460	\$ -	\$ -	\$ -	\$ 7,710,614
Energy Efficient Products	\$ -	\$ 213,631	\$ 463,981	\$ 3,853,614	\$ 13,382,602	\$ -	\$ 324,613	\$ -	\$ -	\$ -	\$ 18,238,441
Behavioral	\$ -	\$ 140,306	\$ 42,020	\$ 2,530,298	\$ -	\$ -	\$ 28,605	\$ -	\$ -	\$ -	\$ 2,741,229
Residential Total	\$ -	\$ 734,206	\$ 869,888	\$ 12,901,547	\$ 43,263,698	\$ 255,726	\$ 752,859	\$ -	\$ -	\$ -	\$ 58,777,923
Energy Solutions	\$ -	\$ 1,300,464	\$ 1,239,477	\$ 22,761,899	\$ 55,357,760	\$ 829,607	\$ 1,036,124	\$ -	\$ -	\$ -	\$ 82,525,330
Prescriptive / Custom	\$ -	\$ 524,487	\$ 733,579	\$ 9,057,060	\$ 39,582,437	\$ 515,693	\$ 724,654	\$ -	\$ -	\$ -	\$ 51,137,909
Direct Install	\$ -	\$ 612,625	\$ 358,476	\$ 10,787,731	\$ 33,632,365	\$ 428,602	\$ 513,993	\$ -	\$ -	\$ -	\$ 46,333,790
Commercial & Industrial Total	\$ -	\$ 2,437,576	\$ 2,331,532	\$ 42,606,689	\$ 128,572,561	\$ 1,773,901	\$ 2,274,771	\$ -	\$ -	\$ -	\$ 179,997,030
Multifamily	\$ -	\$ 25,270	\$ 32,568	\$ 485,392	\$ 1,483,871	\$ 16,264	\$ 40,924	\$ -	\$ -	\$ -	\$ 2,084,290
Multifamily Total	\$ -	\$ 25,270	\$ 32,568	\$ 485,392	\$ 1,483,871	\$ 16,264	\$ 40,924	\$ -	\$ -	\$ -	\$ 2,084,290
Next Generation Savings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CVR	\$ -	\$ 50,000	\$ -	\$ 15,000	\$ -	\$ -	\$ 25,604	\$ -	\$ -	\$ -	\$ 90,604
Building Decarbonization	\$ -	\$ 86,449	\$ 400,891	\$ 1,192,506	\$ 9,746,782	\$ 14,822	\$ 131,780	\$ -	\$ -	\$ -	\$ 11,573,229
Load Optimization & PDR	\$ -	\$ 55,499	\$ 52,352	\$ 965,142	\$ 2,161,684	\$ -	\$ 34,110	\$ -	\$ -	\$ -	\$ 3,268,786
Additional Utility Total	\$ -	\$ 191,948	\$ 453,242	\$ 2,172,648	\$ 11,908,466	\$ 14,822	\$ 191,493	\$ -	\$ -	\$ -	\$ 14,932,619
Other Portfolio Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 250,000	\$ 850,000
Total Programmatic Budget	\$ -	\$ 3,389,000	\$ 3,687,230	\$ 58,166,276	\$ 185,228,596	\$ 2,060,714	\$ 3,260,046	\$ -	\$ 600,000	\$ 250,000	\$ 256,641,862
Net Transfers					\$ (17,200,000)						\$ (17,200,000)
Total Direct Budget	\$ -	\$ 3,389,000	\$ 3,687,230	\$ 58,166,276	\$ 168,028,596	\$ 2,060,714	\$ 3,260,046	\$ -	\$ 600,000	\$ 250,000	\$ 239,441,862

Appendix B: Program Budgets and Costs by Program Year* (MFRs II.a.ix & II.a.x)											
Program Year 6 (PY2027)	Capital Cost	Utility Administration	Marketing and Outreach	Outside Services	Incentives - Rebates	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community- Based Organizations	Total Budget
Whole Home	\$ -	\$ 327,791	\$ 295,150	\$ 5,505,263	\$ 23,732,242	\$ 249,141	\$ 323,194	\$ -	\$ -	\$ -	\$ 30,432,782
Income Qualified	\$ -	\$ 62,855	\$ 68,245	\$ 1,067,666	\$ 6,522,890	\$ 10,020	\$ 81,531	\$ -	\$ -	\$ -	\$ 7,813,207
Energy Efficient Products	\$ -	\$ 219,106	\$ 463,601	\$ 3,902,404	\$ 13,551,258	\$ -	\$ 328,928	\$ -	\$ -	\$ -	\$ 18,465,297
Behavioral	\$ -	\$ 142,400	\$ 41,335	\$ 2,537,878	\$ -	\$ -	\$ 28,699	\$ -	\$ -	\$ -	\$ 2,750,313
Residential Total	\$ -	\$ 752,153	\$ 868,332	\$ 13,013,211	\$ 43,806,391	\$ 259,161	\$ 762,352	\$ -	\$ -	\$ -	\$ 59,461,599
Energy Solutions	\$ -	\$ 1,341,281	\$ 1,239,341	\$ 23,060,005	\$ 56,243,241	\$ 844,141	\$ 1,053,986	\$ -	\$ -	\$ -	\$ 83,781,995
Prescriptive / Custom	\$ -	\$ 539,035	\$ 732,969	\$ 9,185,051	\$ 40,051,888	\$ 523,008	\$ 731,513	\$ -	\$ -	\$ -	\$ 51,763,465
Direct Install	\$ -	\$ 628,734	\$ 357,506	\$ 10,867,107	\$ 33,984,397	\$ 433,476	\$ 519,532	\$ -	\$ -	\$ -	\$ 46,790,752
Commercial & Industrial Total	\$ -	\$ 2,509,050	\$ 2,329,816	\$ 43,112,163	\$ 130,279,526	\$ 1,800,625	\$ 2,305,030	\$ -	\$ -	\$ -	\$ 182,336,211
Multifamily	\$ -	\$ 25,859	\$ 32,506	\$ 488,003	\$ 1,499,269	\$ 16,399	\$ 41,336	\$ -	\$ -	\$ -	\$ 2,103,373
Multifamily Total	\$ -	\$ 25,859	\$ 32,506	\$ 488,003	\$ 1,499,269	\$ 16,399	\$ 41,336	\$ -	\$ -	\$ -	\$ 2,103,373
Next Generation Savings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CVR	\$ -	\$ 50,000	\$ -	\$ 15,000	\$ -	\$ -	\$ 25,604	\$ -	\$ -	\$ -	\$ 90,604
Building Decarbonization	\$ -	\$ 87,743	\$ 400,470	\$ 1,197,226	\$ 9,748,250	\$ 14,828	\$ 131,858	\$ -	\$ -	\$ -	\$ 11,580,374
Load Optimization & PDR	\$ -	\$ 70,194	\$ 65,652	\$ 1,205,737	\$ 2,739,198	\$ -	\$ 43,032	\$ -	\$ -	\$ -	\$ 4,123,813
Additional Utility Total	\$ -	\$ 207,937	\$ 466,121	\$ 2,417,963	\$ 12,487,448	\$ 14,828	\$ 200,494	\$ -	\$ -	\$ -	\$ 15,794,791
Other Portfolio Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 250,000	\$ 850,000
Total Programmatic Budget	\$ -	\$ 3,495,000	\$ 3,696,776	\$ 59,031,340	\$ 188,072,633	\$ 2,091,013	\$ 3,309,212	\$ -	\$ 600,000	\$ 250,000	\$ 260,545,974
Net Transfers					\$ (17,200,000)						\$ (17,200,000)
Total Direct Budget	\$ -	\$ 3,495,000	\$ 3,696,776	\$ 59,031,340	\$ 170,872,633	\$ 2,091,013	\$ 3,309,212	\$ -	\$ 600,000	\$ 250,000	\$ 243,345,974

* Budgets include commitments for projects that may be paid in future years and excludes Financing Principle

2025 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

Appendix C: Total Budget Summary, Including Annual Budget Summary and Joint Budgets with Partner Utilities (MFR II.b.iv)		
Program Year ³	Total Budget Summary	Lead Program Budget ^{1,2}
2025	\$ 123,065,306	\$ 114,845,907
2026	\$ 256,641,862	\$ 238,118,014
2027	\$ 260,545,974	\$ 241,150,870
Total Programmatic Budget	\$ 640,253,143	\$ 594,114,792
Net Transfers	\$ (43,000,000)	\$ (43,000,000)
Total Direct Budget	\$ 597,253,143	\$ 551,114,792

* Budgets include commitments for projects that may be paid in future years and excludes Financing Principle

** Total includes investment & administrative costs

¹ The Lead Program Budget includes only the budgets for coordinated programs in which costs are shared. Shared programs: Whole Home, Income Qualified, EE Products, Energy Solutions, Direct Install, Prescriptive & Custom, Multifamily

² Please refer to Section 5 of the plan for more information regarding the approach to budgeting; Per the budget adjustment mechanism described in Section 5 of this Program Plan, the utilities are providing the lead program budget which represents funding to be spent on joint projects.

³ Program Year 4 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

Appendix D: Forecasted Average Cost to Achieve Each Unit of Energy Savings in Each Sector (MFR II.b.vi)				
Sector	Energy Efficiency Programs		Demand Response Program	Building Decarbonization Program
	Total \$/ Lifetime kWh	Total \$/ Lifetime Therms	Total \$/ Lifetime kW	Total \$/ Lifetime MMBtu
Residential	\$ 0.19			
C&I	\$ 0.09			
Multifamily	\$ 0.07			
CVR	\$ 0.004			
Building Decarbonization				\$ 80
Demand Response			\$ 216	

* Only include lead fuel budgets and savings.

** Cost to Achieve include health & safety costs; excludes financing principal, Next Generation Savings

Appendix E: Benefit Cost Analysis (MFR II.b.v; MFR V.a through MFR V.e)																			
Cost Test	Total Residential Programs	Total Commercial & Industrial Programs	Total Multifamily	Total LMI	Total Portfolio	Whole Home	Income Qualified	Energy Efficient Products	Behavioral	Energy Solutions	Prescriptive /Custom	Direct Install	Multifamily	Next Generation Savings	CVR	Building Decarbonization	Demand Response	Other Portfolio	
Total Resource Costs Tests (TRC)																			
Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	\$ 27,321,912	\$ 166,948,595	\$ 2,495,902	\$ 1,641,754	\$ 198,408,163	\$ 11,105,621	\$ 1,641,754	\$ 12,087,692	\$ 4,128,598	\$ 68,542,545	\$ 47,732,952	\$ 50,673,098	\$ 2,495,902	\$ -	\$ -	\$ (3,071,173)	\$ -	\$ -	
Lifetime Avoided Wholesale Electric Capacity Costs	\$ 3,550,696	\$ 20,370,894	\$ 321,025	\$ 76,090	\$ 25,476,465	\$ 530,634	\$ 76,090	\$ 2,653,320	\$ 366,742	\$ 9,059,216	\$ 5,184,477	\$ 6,127,200	\$ 321,025	\$ -	\$ -	\$ (504,253)	\$ 1,157,760	\$ -	
Lifetime Avoided Wholesale Natural Gas and Delivered Fuels Costs	\$ 10,302,473	\$ 56,529,643	\$ 4,732,950	\$ 2,173,088	\$ 73,738,154	\$ 5,865,778	\$ 2,173,088	\$ 4,436,695	-	\$ 16,962,255	\$ (5,968,571)	\$ 45,535,958	\$ 4,732,950	\$ -	\$ -	\$ 3,377,198	\$ -	\$ -	
Lifetime DRIPE Benefits (E&G)	\$ 2,058,754	\$ 12,192,457	\$ 377,494	\$ 194,547	\$ 14,881,139	\$ 875,102	\$ 194,547	\$ 958,885	\$ 224,767	\$ 4,728,201	\$ 2,347,443	\$ 5,116,813	\$ 377,494	\$ -	\$ -	\$ (9,911)	\$ 57,888	\$ -	
Lifetime Avoided RPS REC Purchase Costs	\$ 3,028,271	\$ 15,985,643	\$ 203,069	\$ 123,007	\$ 19,339,990	\$ 984,633	\$ 123,007	\$ 1,214,944	\$ 828,695	\$ 6,268,328	\$ 5,564,511	\$ 4,152,804	\$ 203,069	\$ -	\$ -	\$ (243,901)	\$ -	\$ -	
Lifetime Avoided Wholesale Volatility Costs (E&G)	\$ 4,117,508	\$ 24,384,913	\$ 754,988	\$ 389,093	\$ 29,762,278	\$ 1,750,203	\$ 389,093	\$ 1,917,771	\$ 449,534	\$ 9,456,402	\$ 4,694,886	\$ 10,233,626	\$ 754,988	\$ -	\$ -	\$ (19,823)	\$ 115,776	\$ -	
Lifetime Avoided T&D Costs (E&G)	\$ 3,876,645	\$ 21,513,563	\$ 329,633	\$ 97,413	\$ 26,956,687	\$ 668,963	\$ 97,413	\$ 2,774,489	\$ 433,193	\$ 9,591,838	\$ 5,654,675	\$ 6,267,050	\$ 329,633	\$ -	\$ -	\$ (390,747)	\$ 1,139,432	\$ -	
Total Benefit	\$ 54,256,260	\$ 317,925,707	\$ 9,215,061	\$ 4,694,992	\$ 388,562,876	\$ 21,780,935	\$ 4,694,992	\$ 26,043,796	\$ 6,431,528	\$ 124,608,786	\$ 65,210,372	\$ 128,106,548	\$ 9,215,061	\$ -	\$ -	\$ (862,609)	\$ 2,470,856	\$ -	
Lifetime Incremental Costs	\$ 59,390,703	\$ 128,132,780	\$ 14,839,416	\$ 9,563,255	\$ 211,926,154	\$ 34,592,656	\$ 9,563,255	\$ 24,798,047	-	\$ 44,954,277	\$ 59,495,260	\$ 23,683,244	\$ 14,839,416	\$ -	\$ -	\$ 1,183,157	\$ -	\$ -	
Lifetime Administration Costs	\$ 33,775,593	\$ 119,815,941	\$ 1,481,520	\$ 3,059,369	\$ 163,197,585	\$ 15,566,400	\$ 3,059,369	\$ 11,797,078	\$ 6,412,115	\$ 63,428,372	\$ 27,627,169	\$ 28,760,400	\$ 1,481,520	\$ -	\$ -	\$ 4,450,479	\$ 3,097,944	\$ 1,967,218	
Total Costs	\$ 93,166,296	\$ 247,948,721	\$ 16,320,936	\$ 12,822,623	\$ 375,123,739	\$ 50,159,057	\$ 12,822,623	\$ 36,595,124	\$ 6,412,115	\$ 108,382,649	\$ 87,122,429	\$ 52,443,644	\$ 16,320,936	\$ -	\$ -	\$ 5,633,635	\$ 3,097,944	\$ 1,967,218	
Benefit-Cost Ratio	0.6	1.3	0.6	0.4	1.0	0.4	0.4	0.7	1.0	1.1	0.7	2.4	0.6	-	-	-0.2	0.8	0.0	
Participant Cost Test (PCT)																			
Lifetime Avoided Retail Electric Costs	\$ 97,244,488	\$ 428,909,594	\$ 7,024,995	\$ 5,842,835	\$ 539,021,912	\$ 39,208,664	\$ 5,842,835	\$ 44,095,929	\$ 13,939,896	\$ 172,810,410	\$ 115,797,293	\$ 140,301,891	\$ 7,024,995	\$ -	\$ -	\$ (10,657,667)	\$ -	\$ -	
Lifetime Avoided Retail Natural Gas and Delivered Fuel Costs	\$ 19,328,677	\$ 142,577,301	\$ 10,118,378	\$ 3,935,678	\$ 175,960,035	\$ 10,646,567	\$ 3,935,678	\$ 8,682,110	-	\$ 64,967,310	\$ (22,248,955)	\$ 99,858,946	\$ 10,118,378	\$ -	\$ -	\$ 6,352,773	\$ -	\$ -	
Lifetime Program Incentive Costs	\$ 77,640,720	\$ 262,356,397	\$ 3,404,742	\$ 12,448,734	\$ 361,904,702	\$ 48,205,787	\$ 12,448,734	\$ 29,434,934	-	\$ 111,851,038	\$ 83,214,128	\$ 67,291,232	\$ 3,404,742	\$ -	\$ -	\$ 20,953,452	\$ 6,054,108	\$ -	
Lifetime Time-Value of Loan Repayments	\$ 4,705,057	\$ 14,818,069	\$ 637,742	\$ -	\$ 20,160,868	\$ 702,903	\$ -	\$ 4,002,155	-	\$ 6,611,371	\$ 6,446,838	\$ 1,759,859	\$ 637,742	\$ -	\$ -	\$ 239,684	\$ -	\$ -	
Total Benefit	\$ 198,918,944	\$ 848,661,361	\$ 21,185,858	\$ 22,227,247	\$ 1,097,047,517	\$ 98,763,921	\$ 22,227,247	\$ 86,215,127	\$ 13,939,896	\$ 356,240,130	\$ 183,209,303	\$ 309,211,929	\$ 21,185,858	\$ -	\$ -	\$ 16,888,241	\$ 6,054,108	\$ -	
Lifetime Participant Costs	\$ 59,390,703	\$ 128,132,780	\$ 14,839,416	\$ 9,563,255	\$ 211,926,154	\$ 34,592,656	\$ 9,563,255	\$ 24,798,047	-	\$ 44,954,277	\$ 59,495,260	\$ 23,683,244	\$ 14,839,416	\$ -	\$ -	\$ 1,183,157	\$ -	\$ -	
Total Costs	\$ 59,390,703	\$ 128,132,780	\$ 14,839,416	\$ 9,563,255	\$ 211,926,154	\$ 34,592,656	\$ 9,563,255	\$ 24,798,047	\$ -	\$ 44,954,277	\$ 59,495,260	\$ 23,683,244	\$ 14,839,416	\$ -	\$ -	\$ 1,183,157	\$ -	\$ -	
Benefit-Cost Ratio	3.3	6.6	1.4	2.3	5.2	2.9	2.3	3.5	-	7.9	3.1	13.1	1.4	-	-	14.3	-	-	
Program Administrator Cost Test (PAC)																			
Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	\$ 27,321,912	\$ 166,948,595	\$ 2,495,902	\$ 1,641,754	\$ 198,408,163	\$ 11,105,621	\$ 1,641,754	\$ 12,087,692	\$ 4,128,598	\$ 68,542,545	\$ 47,732,952	\$ 50,673,098	\$ 2,495,902	\$ -	\$ -	\$ (3,071,173)	\$ -	\$ -	
Lifetime Avoided Wholesale Electric Capacity Costs	\$ 3,550,696	\$ 20,370,894	\$ 321,025	\$ 76,090	\$ 25,476,465	\$ 530,634	\$ 76,090	\$ 2,653,320	\$ 366,742	\$ 9,059,216	\$ 5,184,477	\$ 6,127,200	\$ 321,025	\$ -	\$ -	\$ (504,253)	\$ 1,157,760	\$ -	
Lifetime Avoided Wholesale Natural Gas and Delivered Fuels Costs	\$ 10,302,473	\$ 56,529,643	\$ 4,732,950	\$ 2,173,088	\$ 73,738,154	\$ 5,865,778	\$ 2,173,088	\$ 4,436,695	-	\$ 16,962,255	\$ (5,968,571)	\$ 45,535,958	\$ 4,732,950	\$ -	\$ -	\$ 3,377,198	\$ -	\$ -	
Lifetime DRIPE Benefits (E&G)	\$ 2,058,754	\$ 12,192,457	\$ 377,494	\$ 194,547	\$ 14,881,139	\$ 875,102	\$ 194,547	\$ 958,885	\$ 224,767	\$ 4,728,201	\$ 2,347,443	\$ 5,116,813	\$ 377,494	\$ -	\$ -	\$ (9,911)	\$ 57,888	\$ -	
Lifetime Avoided RPS REC Purchase Costs	\$ 3,028,271	\$ 15,985,643	\$ 203,069	\$ 123,007	\$ 19,339,990	\$ 984,633	\$ 123,007	\$ 1,214,944	\$ 828,695	\$ 6,268,328	\$ 5,564,511	\$ 4,152,804	\$ 203,069	\$ -	\$ -	\$ (243,901)	\$ -	\$ -	
Lifetime Avoided Wholesale Volatility Costs	\$ 4,117,508	\$ 24,384,913	\$ 754,988	\$ 389,093	\$ 29,762,278	\$ 1,750,203	\$ 389,093	\$ 1,917,771	\$ 449,534	\$ 9,456,402	\$ 4,694,886	\$ 10,233,626	\$ 754,988	\$ -	\$ -	\$ (19,823)	\$ 115,776	\$ -	
Lifetime Avoided T&D Costs	\$ 3,876,645	\$ 21,513,563	\$ 329,633	\$ 97,413	\$ 26,956,687	\$ 668,963	\$ 97,413	\$ 2,774,489	\$ 433,193	\$ 9,591,838	\$ 5,654,675	\$ 6,267,050	\$ 329,633	\$ -	\$ -	\$ (390,747)	\$ 1,139,432	\$ -	
Total Benefit	\$ 54,256,260	\$ 317,925,707	\$ 9,215,061	\$ 4,694,992	\$ 388,562,876	\$ 21,780,935	\$ 4,694,992	\$ 26,043,796	\$ 6,431,528	\$ 124,608,786	\$ 65,210,372	\$ 128,106,548	\$ 9,215,061	\$ -	\$ -	\$ (862,609)	\$ 2,470,856	\$ -	
Lifetime Administration Costs	\$ 33,775,593	\$ 119,815,941	\$ 1,481,520	\$ 3,059,369	\$ 163,197,585	\$ 15,566,400	\$ 3,059,369	\$ 11,797,078	\$ 6,412,115	\$ 63,428,372	\$ 27,627,169	\$ 28,760,400	\$ 1,481,520	\$ -	\$ -	\$ 4,450,479	\$ 3,097,944	\$ 1,967,218	
Lifetime Program Investment Costs	\$ 77,640,720	\$ 262,356,397	\$ 3,404,742	\$ 12,448,734	\$ 361,904,702	\$ 48,205,787	\$ 12,448,734	\$ 29,434,934	\$ -	\$ 111,851,038	\$ 83,214,128	\$ 67,291,232	\$ 3,404,742	\$ -	\$ -	\$ 20,953,452	\$ 6,054,108	\$ -	
Lifetime Time-Value of Loan Repayments	\$ 4,705,057	\$ 14,818,069	\$ 637,742	\$ -	\$ 20,160,868	\$ 702,903	\$ -	\$ 4,002,155	-	\$ 6,611,371	\$ 6,446,838	\$ 1,759,859	\$ 637,742	\$ -	\$ -	\$ 239,684	\$ -	\$ -	
Total Costs	\$ 116,121,371	\$ 396,990,407	\$ 5,524,004	\$ 15,508,103	\$ 545,263,155	\$ 64,475,090	\$ 15,508,103	\$ 45,234,166	\$ 6,412,115	\$ 181,890,781	\$ 117,288,134	\$ 97,811,491	\$ 5,524,004	\$ -	\$ -	\$ 25,643,614	\$ 9,152,052	\$ 1,967,218	
Benefit-Cost Ratio	0.5	0.8	1.7	0.3	0.7	0.3	0.3	0.6	1.0	0.7	0.6	1.3	1.7	-	-	0.0	0.3	0.0	
Ratepayer Impact Measure Test (RIM)																			
Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	\$ 27,321,912	\$ 166,948,595	\$ 2,495,902	\$ 1,641,754	\$ 198,408,163	\$ 11,105,621	\$ 1,641,754	\$ 12,087,692	\$ 4,128,598	\$ 68,542,545	\$ 47,732,952	\$ 50,673,098	\$ 2,495,902	\$ -	\$ -	\$ (3,071,173)	\$ -	\$ -	
Lifetime Avoided Wholesale Electric Capacity Costs	\$ 3,550,696	\$ 20,370,894	\$ 321,025	\$ 76,090	\$ 25,476,465	\$ 530,634	\$ 76,090	\$ 2,653,320	\$ 366,742	\$ 9,059,216	\$ 5,184,477	\$ 6,127,200	\$ 321,025	\$ -	\$ -	\$ (504,253)	\$ 1,157,760	\$ -	
Lifetime Avoided Wholesale Natural Gas Costs	\$ 10,302,473	\$ 56,529,643	\$ 4,732,950	\$ 2,173,088	\$ 73,738,154	\$ 5,865,778	\$ 2,173,088	\$ 4,436,695	-	\$ 16,962,255	\$ (5,968,571)	\$ 45,535,958	\$ 4,732,950	\$ -	\$ -	\$ 3,377,198	\$ -	\$ -	
Lifetime DRIPE Benefits (E&G)	\$ 2,058,754	\$ 12,192,457	\$ 377,494	\$ 194,547	\$ 14,881,139	\$ 875,102	\$ 194,547	\$ 958,885	\$ 224,767	\$ 4,728,201	\$ 2,347,443	\$ 5,116,813	\$ 377,494	\$ -	\$ -	\$ (9,911)	\$ 57,888	\$ -	
Lifetime Avoided RPS REC Purchase Costs	\$ 3,028,271	\$ 15,985,643	\$ 203,069	\$ 123,007	\$ 19,339,990	\$ 984,633	\$ 123,00												

Appendix F: Quantitative Performance Indicators by Program Year (MFR VII.a & MFR VII.b)							
	Net Annual Energy Savings (Source MMBtu)	Net Annual Demand Savings (Peak MW)	Net Annual Demand Savings (Peak-day therm)	Net Lifetime Energy Savings (Source MMBtu)	LMI and OBC Net Lifetime Energy Savings (Source MMBtu)	Small Business Net Lifetime Energy Savings (Source MMBtu)	Cost to Achieve (\$/ Lifetime Source MMBtu)
2025	881,865	23	-	7,735,350	83,198	1,986,040	\$ 15
2026	2,063,526	52	-	21,105,221	397,431	4,909,566	\$ 11
2027	2,033,219	53	-	20,955,272	402,448	4,908,805	\$ 12
Portfolio Total	4,978,609	128	-	49,795,842	883,077	11,804,411	\$ 12

**QPIs based only on lead fuel and include only energy efficiency*

**Legacy savings included in QPI savings, but legacy costs not included because they are accounted for in prior Triennia*

Program Year 4 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

Net Annual Energy Savings (QPI 1) includes projected contributions from the Company's Conservation Voltage Reduction (CVR) Program.

Appendix G: Table G-1: Building Decarbonization Metrics (BD MFRs VII.a. & VII.b.)																				
	Site and source energy savings by fuel (MMBtu)				Site and source lifetime energy savings by fuel (MMBtu)				Site and source annual emissions by fuel (CO2e MT)				Site and source lifetime emissions by fuel (CO2e MT)							
Program Year	Electric		Natural Gas	Fuel Oil	Propane	Electric		Natural Gas	Fuel Oil	Propane	Electric		Natural Gas	Fuel Oil	Propane	Electric		Natural Gas	Fuel Oil	Propane
	Site	Source	Site	Source		Site	Source	Site	Source		Site	Source	Site	Source		Site	Source	Site	Source	
2025	(2,435)	(6,025)	8,065	8,182		(36,160)	(82,974)	119,074	120,801		(343)	(381)	427	433		(4,482)	(4,983)	6,300	6,392	
2026	(9,358)	(22,919)	31,048	31,498		(138,928)	(314,851)	458,103	464,749		(1,317)	(1,463)	1,643	1,667		(17,220)	(19,144)	24,239	24,591	
2027	(8,992)	(21,791)	29,891	30,325		(133,424)	(299,327)	440,697	447,090		(1,239)	(1,377)	1,582	1,605		(16,538)	(18,386)	23,318	23,656	
2027 and Beyond	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-	
Total	(20,785)	(50,735)	69,004	70,005		(308,512)	(697,152)	1,017,873	1,032,640		(2,898)	(3,221)	3,651	3,704		(38,241)	(42,513)	53,857	54,639	

Program Year 4 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

Appendix G: Table G-1 Cont'd: Building Decarbonization Metrics (BD MFRs VII.a. & VII.b.)																	
	Net annual peak demand savings by fuel (electricity and natural gas only) (peak MW or peak-day therm)				CO2 emissions impacts by fuel (CO2e MT)				Net CO2 emissions impacts across fuels (CO2e MT)	Levelized cost per metric ton of CO2e (costs levelized over the EUL or AUL, as appropriate, of the measure or project divided by lifetime net CO2e impacts)	Number of distributors and contractors engaged in the program	Number of program participants and installations, overall and for LMI				Number and geographic location of installations	
Program Year	Electric	Natural Gas	Fuel Oil	Propane	Electric	Natural Gas	Fuel Oil	Propane	All Fuels (sum of prior 4 columns)			Program Participants		Installations		Number of Installations	Geographic Location of Installations
												Overall	LMI Customers	Overall	LMI Customers		
2025	(177.57)	-	-	-	(381)			433	52	\$	600	12	374	-	374	-	-
2026	(682.73)	-	-	-	(1,463)			1,667	203	\$	471	15	1,482	-	1,482	-	-
2027	(656.54)	-	-	-	(1,377)			1,605	228	\$	490	18	1,483	-	1,483	-	-
2027 and Beyond	-	-	-	-	-			-	-		-		-	-	-	-	-
Total	(1,516.83)	-	-	-	(3,221)			3,704	483		1,560	18	3,339	-	3,339	-	-

Program Year 4 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

Appendix G: Table G-2: Demand Response Metrics								
	Dollars spent per customer enrolled per \$ spent (\$/participant) by segment for each proposed program		Dollars spent per capacity enrolled (\$/kW) by each segment for each proposed program		Intensity impact (kWh or CO2 during peak event) for each proposed program ²		Ratio of number of customer responses to control requests over number of control requests ³	
Program Year ¹	Residential	Commercial & Industrial	Residential	Commercial & Industrial	Residential	Commercial & Industrial	Residential	Commercial & Industrial
2025	\$184		\$217		\$20,564		60%	60%
2026	\$183		\$216		\$27,264		60%	60%
2027	\$182		\$215		\$34,548		60%	60%
Total	\$183		\$216		\$82,376		60%	60%

¹ Program Year 4 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

² kWh based on average demand reduction per device per event and an average of 3 hour event duration, excluding Behavioral DR

³ Based on average minutes under control per device

Appendix H:			
Comprehensive Residential Programs (not including repayment plans)			
Program	Subprogram	Description	Existing Rebate Strategy
Whole Home ¹	Home Energy Assessment	Utilities may provide the home energy assessment at no additional cost or for a fee, which may be discounted for certain customers or for promotional periods to drive activity. The home energy assessment may include the direct installation of standard energy efficiency measures that are appropriate for their home	Under Quick Home Energy Checkup, no cost to customer for walk through audit with no cost or low cost measures installed at time of audit
	Whole House Projects	<p>The following incentive structures may be used:</p> <p>Option A: Customer must have a minimum savings percentage of 5% based on modeled reduction of consumption. Rebate is \$2,000 + \$200 for each percentage point of savings above 5% Rebate Cap = \$7,500</p> <p>OR</p> <p>Option B: Customer incentive will be based on the measures installed: <i>Weatherization Measures</i> - Up to 75% of costs for weatherization measures covered <i>Other EE Measures</i> - Based on list of prescriptive measures Rebate Cap = \$7,500</p> <p>* Initially, ACE, ETG, JC, NJNG, RECO and SJG used Option A and PSE&G used Option B.</p>	Under Home Performance with Energy Star, customer must have a minimum savings percentage of 5% based on modeled reduction of consumption. Rebate is \$2,000 + \$200 for each percentage point of savings above 5%, up to \$6,000.
	Contractor Incentive	Up to \$500	Up to \$500
Income-Qualified	Income-Qualified Projects	The customer may receive no-cost energy efficiency measures and upgrades with an average project spending guideline (\$14,000 + \$1,000 with utility approval) and health and safety expense protocol (\$2,500 or higher with utility approval). The program will be designed to provide a greater level of benefits for low-income customers. Same average project spending guideline and H&S expense protocol as Comfort Partners; additional measure costs eligible for financing.	<p>Under Moderate-Income Weatherization, no up-front cost to customer for BPI-certified audit with up to \$6,000 of direct install and weatherization measures and up to \$1,500 on health and safety expenses.</p> <p>Under Low-Income (Comfort Partners) customers may receive no-cost energy efficiency measures and upgrades within project spending guideline and health and safety expense protocol.</p>

Appendix H: Residential Sector Prescriptive Incentives (not including repayment plans)					
Program	Measure ¹	Rebate Up To Value (\$) GDC/EDC Consensus Rebate Strategy ²	Unit Basis	Multifamily Income-Eligible Rebate Up To Value (\$)	Existing Up To Value (\$) Rebate Strategy
Efficient Products - Electric	LED Fixtures	\$20	Per unit	Same	\$10
	Occupancy Sensors	\$80	Per unit	Same	\$7
	LED Holiday Lights	\$5	Per unit	Same	\$5
	Ceiling Fans	\$35	Per unit	Same	\$35
	LED Table/Desk Lamps	\$15	Per unit	Same	\$15
	Clothes Washer - Tier 2	\$150	Per unit	Same	\$100
	Clothes Washer - Tier 3	\$200	Per unit	Same	\$100
	Electric Clothes Dryer	\$500	Per unit	Same	\$300
	Refrigerator - Tier 1	\$100	Per unit	Same	\$100
	Refrigerator - Tier 2	\$125	Per unit	Same	\$100
	Freezers	\$100	Per unit	Same	\$75
	Dishwasher	\$50	Per unit	Same	\$25
	Induction Cooktop Stove	\$100	Per unit	Same	\$25
	Air Purifier / Cleaner	\$75	Per unit	Same	\$50
	Room A/C Unit	\$50	Per unit	Same	\$30
	Dehumidifier	\$50	Per unit	Same	\$35
	Heat Pump Water Heater	\$750	Per unit	Up to a 50% incentive adder	\$1,000
	Smart Thermostats ³	\$150	Per unit	Same	\$125
	Pool Pump	\$500	Per unit	Same	\$500
	Sound Bars	\$25	Per unit	Same	\$20
	Water Cooler	\$30	Per unit	Same	\$25
	Monitors	\$25	Per unit	Same	\$25
	Computers	\$25	Per unit	Same	\$25
	Imaging	\$30	Per unit	Same	\$25
	Smart Strip Plug Outlets Tier 1	\$25	Per unit	Same	\$40
	Smart Strip Plug Outlets Tier 2	\$40	Per unit	Same	\$40
	TVs	\$150	Per unit	Same	\$50
	Smart Home	Up to full incremental cost	Per unit	Same	\$10
	Refrigerator Recycling	\$175	Per unit	Same	\$100
	Freezer Recycling	\$175	Per unit	Same	\$100
	Room A/C Unit Recycling	\$50	Per unit	Same	\$35
	Dehumidifier Recycling	\$175	Per unit	Same	\$35
	EE Kits	\$75	Per unit	Same	\$60
	Central Air Conditioning	\$200	Per unit	Up to 100% incentive adder	\$500
	Standard Air Source Heat Pump (ASHP)- (Ducted/Ductless)	\$750	Per unit	Up to 50% adder	\$1,000
	ASHP to cold-climate Heat Pump	\$2,000	Per unit	Up to 50% adder	\$1,000
	Electric Resistance to cold-climate Heat Pump	Lesser of \$10,000, or 50% of project cost	Per unit	Up to 50% adder	\$1,000
	Geothermal Heat Pump (GSHP)	\$10,000	Per unit	Up to 50% adder	\$1,500
	ASHP to GSHP	Lesser of \$2,000 per 10,000 BTU/h or \$5,000 per 10,000 BTU/h	Per 10,000	Up to 50% adder	\$1,500
	Electric Resistance to GSHP	Lesser of \$5,000 per 10,000 BTU/h or 10% of 10,000 BTU/h	Per 10,000	Up to 50% adder	\$1,500
	Air-to-Water Heat Pumps	\$1600 per 10,000 BTU/h	Per 10,000 BTU/h	Up to 50% adder	New
	Furnace Fans (ECM)	\$125	Per unit	up to \$750	\$100
	PTAC - CEE Tier 2 - Multi Family	\$75	Per unit	up to 50% adder	\$50
	PTHP - CEE Tier 2- Multi Family	\$250	Per unit	Up to 50% adder	\$125
	Integrated Controls for heat pumps	\$1,500	Per unit	Same	New
	Circulating Pump	\$600	Per unit	Same	\$75
	Thermostatic Shower Valves	\$20	Per unit	Same	New
	Bathroom Fan	\$50	Per unit	Same	\$20
	HVAC Maintenance	\$250	Per unit	up to \$400	\$100
	HVAC Quality Install	\$500	Per unit	Same	\$450
	Supplemental incentive for LMI customers (limited to qualifying HVAC equipment)	\$300	per qualifying unit		\$200

Notes

1 - The utilities reserve the right to seek the addition of new measures and incentives within the annual update of the Program Year TRM ("PY TRM"). The utility will provide justification for their specific measure request for consideration by the TRM Committee. Where sufficient evidence is demonstrated, the TRM Committee may add the new measures and incentives as a proposed change to the next PY TRM, which shall follow the annual PY TRM update process before the measure is added to the PY TRM. The exact annual PY TRM update process is being drafted within the EM&V Working Group for consideration by the BPU for adoption in Triennium 2.

2 - All rebates will be offered equal to or less than the "Up To" value. Rebate value should not exceed the full measure cost. Tiered rebate amounts may be offered within the incentive ranges listed above for qualified measures that have varying applications or characteristics (e.g. size, features, etc.)

3 - The total rebate value for a smart thermostat will be up to \$150 total between both fuel utilities.

Appendix H: Commercial Sector Incentives (not including repayment plans)					
Program	Prescriptive Measure ¹	Rebate Up To Value (\$) EDC/GDC Consensus Rebate Strategy ²	Unit Basis	Multifamily Income-Eligible Rebate Up to Value (\$)	Existing Up to Rebate Values ⁴
Energy Solutions for Businesses- Prescriptive Measures	Lighting (Retrofit & New Construction)				
	LED TROFFER LUMINAIRES				
	New LED linear recessed troffer/panel for 2x2, 1x4 and 2x4 luminaires	\$100	Per Fixture	Same	\$100
	1 x 4 LED new luminaire rated	\$100	Per Fixture	Same	
	2 x 2 LED new luminaire	\$100	Per Fixture	Same	
	2 x 4 LED new luminaire	\$100	Per Fixture	Same	
	LED LINEAR AMBIENT/STAIRWELL LUMINAIRES				
	New LED linear ambient luminaire	\$100	Per Fixture	Same	\$30 per foot
	LED direct/indirect linear ambient 2 ft. new luminaire	\$100	Per Fixture	Same	\$30 per foot
	LED direct/indirect linear ambient 3 ft. new luminaire	\$100	Per Fixture	Same	\$30 per foot
	LED direct/indirect linear ambient 4 ft. new luminaire	\$100	Per Fixture	Same	\$30 per foot
	LED direct/indirect linear ambient 6 ft. new luminaire	\$100	Per Fixture	Same	\$30 per foot
	LED direct/indirect linear ambient 8 ft. new luminaire	\$100	Per Fixture	Same	\$30 per foot
	New LED stairwell luminaire	\$100	Per Fixture	Same	\$100
	LED INTERIOR DIRECTIONAL LUMINAIRES				
	New LED wall wash luminaire	\$60	Per Fixture	Same	\$30 per head
	New LED track/mono-point luminaire Directional Lighting Fixtures	\$60	Per Head	Same	\$40 per foot
	LED DISPLAY CASE LUMINAIRES				
	New LED display case luminaire, including refrigerator/freezer display	\$60	Per Fixture	Same	\$50
	Refrigerated Case Lighting 4'	\$80	Per Fixture	Same	\$50
	Refrigerated Case Lighting 5'	\$80	Per Fixture	Same	\$50
	Refrigerated Case Lighting 6'	\$80	Per Fixture	Same	\$50
	LED HIGH/LOW BAY LUMINAIRES				
	New LED High Bay	\$450	Per Fixture	Same	\$600
	New LED Low Bay	\$200	Per Fixture	Same	\$600
	New LED luminaire - wall packs, flood lights, canopy, landscape	\$450	Per Fixture	Same	\$600
	LED Architectural Flood and Spot Luminaries				
	LED Bollard Fixtures				
	LED Fuel Pump Canopy				
	LED Landscape/Accent Flood and Spot Luminaires				
	LED Large Outdoor Pole/Arm-Mounted Area and Roadway Retrofit				
	LED Outdoor Pole/Arm-Mounted Area and Roadway Luminaires				
	LED Outdoor Pole/Arm-Mounted Decorative Luminaires				
	LED Outdoor Wall-Mounted Area Luminaires				
	LED Parking Garage Luminaires				
	LED RETROFIT KITS				
	LED linear tube retrofit kit for 2x2, 1x4 and 2x4 fixtures	\$50	Per Fixture	Same	\$45
	1 x 4 LED retrofit kit	\$50	Per Kit	Same	\$45
	2 x 2 LED retrofit kit	\$50	Per Kit	Same	\$45
	2 x 4 LED retrofit kit	\$50	Per Kit	Same	\$45
	LED integrated retrofit kit for 2x2, 1x4 and 2x4 fixtures	\$50	Per Kit	Same	
	1 x 4 LED integrated retrofit kit	\$50	Per Kit	Same	\$120
	2 x 2 LED integrated retrofit kit	\$50	Per Kit	Same	\$120
	2 x 4 LED integrated retrofit kit	\$50	Per Kit	Same	\$120
	LED retrofit kit for linear ambient luminaire	\$50	Per Fixture	Same	
LED direct linear ambient 2 ft. retrofit kit	\$50	Per Fixture	Same	\$15 per foot	
LED direct linear ambient 4 ft. retrofit kit	\$50	Per Fixture	Same	\$15 per foot	
LED direct linear ambient 8 ft	\$50	Per Fixture	Same	\$15 per foot	
LED Retrofit kit for Low Bay	\$150	Per Fixture	Same	\$100	
LED Retrofit kit for High Bay	\$300	Per Fixture	Same	\$100	
LED retrofit kit for exterior luminaire Covered below by E39 HID lamps.	\$60	Per Fixture	Same	\$100	
LED retrofit kit for recessed downlight	\$60	Per Fixture	Same	\$100	

Appendix H:					
Commercial Sector Incentives (not including repayment plans)					
Program	Prescriptive Measure ¹	Rebate Up To Value (\$) EDC/GDC Consensus Rebate Strategy ²	Unit Basis	Multifamily Income-Eligible Rebate Up to Value (\$)	Existing Up to Rebate Values ⁴
Energy Solutions for Businesses- Prescriptive Measures	LED ENERGY STAR FIXTURES				
	New LED ENERGY STAR LED fixture - recessed downlight, specialty, cove, under cabinet, vent fan, ceiling mount, etc.	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Accent Light Line Voltage	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Bath Vanity	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Ceiling Mount	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Close to Ceiling Mount	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Cove Mount	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Decorative Pendant	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Downlight Pendant	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Downlight Surface Mount	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Linear Strip	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Other	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Outdoor (Various Types)	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Outdoor Pole-Mount	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Pendant	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Recessed Downlight	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Security	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Solid State Retrofit	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Torchiere	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Under Cabinet	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Wall Sconces	\$75	Per Fixture	Same	\$100
	Energy Star LED Fixture - Wrapped Lens	\$75	Per Fixture	Same	\$100
	LED REPLACEMENT LAMPS				
	LED mogul-screw base replacement for HID lamps and new external driver				\$100
	HID Replacement Lamp >250W	\$150	Per Lamp	Same	
	HID Replacement Lamp ≤125W	\$100	Per Lamp	Same	
	HID Replacement Lamp>125W - ≤250W	\$125	Per Lamp	Same	\$100
	Vertically-Mounted Lamps	\$10	Per Lamp	Same	\$80
	Horizontally-Mounted Lamps	\$10	Per Lamp	Same	\$80
	2G11 Base Lamps	\$10	Per Lamp	Same	\$80
	LED Replacement Lamps 2' - 8' (Type A, B, C, AB)	\$10	Per Lamp	Same	\$80
	LED SIGN LIGHTING				
	Exterior/Dusk-to-Dawn, Interior and 24 hour application Covered Above by DLC Exterior Fixture types	\$4	Per Watt Reduced	Same	\$2 per watt reduced
	OTHER LIGHTING				
	Exit Signs	\$25	Per Unit	Same	\$23
	Street/Roadway and Area Lighting	\$700	Per Fixture	Same	\$500
	Horticultural Lighting (Controlled Environment Agriculture) Covered above by DLC Exterior fixture types	\$44	Per Fixture	N/A	\$600
	Lighting Controls				
	NETWORKED LIGHTING CONTROLS				
	Networked lighting control system controlling efficient luminaires	\$0.60 per watt	Per Watt Controlled	Same	NLC System: \$0.60 per watt controlled <input type="checkbox"/>
	NLC - Tier 1, Interior, Mounting Height ≤ 12'				
	NLC - Tier 2, Interior, Mounting Height ≥ 12'				
	NLC - Tier 3, Exterior, All Mounting Height				
	Networked lighting control - fixture level control LLLC	with local or cloud server: \$80/fixture with local or cloud server - lower wattage \$50/fixture no server required: \$60/fixture no server required - (lower wattage min controlled watts 20) \$20/fixture	Per Fixture	Same	\$60 per fixture

Appendix H:					
Commercial Sector Incentives (not including repayment plans)					
Program	Prescriptive Measure ¹	Rebate Up To Value (\$) EDC/GDC Consensus Rebate Strategy ²	Unit Basis	Multifamily Income-Eligible Rebate Up to Value (\$)	Existing Up to Rebate Values ⁴
Energy Solutions for Businesses- Prescriptive Measures	DUAL DAYLIGHT/OCCUPANCY CONTROLS				
	Dual daylight & occupancy sensor (DOS) Product types covered above under LLLC or NLC	\$100	Per Fixture	Same	\$100
	DAYLIGHT CONTROLS				
	Daylight continuous dimming control	\$100	Per Fixture	Same	\$100
	Exterior Lighting Control – Fixture with Integrated Controls	\$100	Per Fixture	Same	\$100
	OCCUPANCY/VACANCY CONTROLS				
	Vacancy or Occupancy control (Switch/Wall/External Mount)	\$100	Per Fixture	Same	\$100
	Vacancy or Occupancy control (Integrated)	\$100	Per Fixture	Same	\$100
	Occupancy/Vacancy Sensor – Wall Mounted (Integrated)	\$100	Per Fixture	Same	\$100
	Occupancy/Vacancy Sensor – Remote Mounted (Integrated)	\$100	Per Fixture	Same	\$100
	Occupancy Dimming Control (Integrated)	\$100	Per Fixture	Same	\$100
	Occupancy Sensor for Highbay – Remote Mounted (Integrated)	\$100	Per Fixture	Same	\$100
	HVAC				
	UNITARY - AIR CONDITIONERS & HEAT PUMPS				
	< 5.4 tons (65,000 BTU/hr)				
	Air Conditioning (AC) only - Split or Packaged				
	Tier 1 SEER 16				
	Single Package Vertical Air Conditioner, <=5.4 Tons, Tier 1	\$300	Per Ton	Up to 30% incentive adder	
	Unitary HVAC Single Package System, <=5.4 Tons, Tier 1	\$300	Per Ton	Up to 30% incentive adder	
	Unitary HVAC Split System, <=5.4 Tons, Tier 1	\$300	Per Ton	Up to 30% incentive adder	
	Tier 2 SEER 18				
	Single Package Vertical Air Conditioner, <=5.4 Tons, Tier 2	\$300	Per Ton	Up to 30% incentive adder	
	Unitary HVAC Single Package System, <=5.4 Tons, Tier 2	\$300	Per Ton	Up to 30% incentive adder	
	Unitary HVAC Split System, <=5.4 Tons, Tier 2	\$300	Per Ton	Up to 30% incentive adder	
	Heat Pumps - Split or Packaged				
	Tier 1 SEER 16 EER 13 HSPF 10				
	Air Source Heat Pump, Single Package, <=5.4 Tons, Tier 1	\$175	Per Ton	Up to 30% incentive adder	
	Air Source Heat Pump, Split System, <=5.4 Tons, Tier 1	\$175	Per Ton	Up to 30% incentive adder	
	Tier 2 SEER 18 EER 13 HSPF 10				
	Air Source Heat Pump, Single Package, <=5.4 Tons, Tier 2	\$300	Per Ton	Up to 30% incentive adder	
	Air Source Heat Pump, Split System, <=5.4 Tons, Tier 2	\$300	Per Ton	Up to 30% incentive adder	
	>= 5.4 tons (65,000 BTU/hr)				
	Air Conditioning (AC) only - Split or Packaged				
	Unitary HVAC Single and Split Package System, >5.4 Tons & <=20 Tons	\$300	Per Ton	Up to 30% incentive adder	
	Heat Pumps - Air Source - Split or Packaged				
	Air Source Heat Pump, Single Package or Split System, >5.4 Tons & <=20 Tons	\$300	Per Ton	Up to 30% incentive adder	
	SINGLE PACKAGE VERTICAL				
	Single Package Vertical Air Conditioner - ALL SIZES				
	Single Package Vertical Air Conditioner, >5.4 Tons & <=20 Tons	\$300	Per Ton	Up to 30% incentive adder	\$250
	Single Package Vertical Heat Pump - ALL SIZES				
	Single Package Vertical Heat Pump, <=11.25 Tons	\$300	Per Ton	Up to 30% incentive adder	\$250
	CENTRAL DX AIR CONDITIONERS -				
	Central DX Air Conditioner, >20 Tons	\$200	Per Ton	Up to 30% incentive adder	\$250
	WATER-COOLED & EVAPORATIVE COOLING AIR CONDITIONERS - <5.4 to <11.25 tons		Per Ton		
	Water Source Heat Pump, <=11.25 Tons, Tier 1 -5% above baseline	\$300	Per Ton	Up to 30% incentive adder	\$250
	Water Source Heat Pump, <=11.25 Tons, Tier 2 -12% above baseline	\$300	Per Ton	Up to 30% incentive adder	\$250
	WATER-COOLED & EVAPORATIVE COOLING AIR CONDITIONERS - >11.25 to ≤63.3	\$300	Per Ton	Up to 30% incentive adder	\$250

Appendix H:					
Commercial Sector Incentives (not including repayment plans)					
Program	Prescriptive Measure ¹	Rebate Up To Value (\$) EDC/GDC Consensus Rebate Strategy ²	Unit Basis	Multifamily Income-Eligible Rebate Up to Value (\$)	Existing Up to Rebate Values ⁴
Energy Solutions for Businesses- Prescriptive Measures	GEOTHERMAL HEAT PUMPS -				
	Geothermal Heat Pumps – (Ground Source/Ground Water Source)		Per Ton		
	Ground Source Heat Pump, <=11.25 Tons, Tier 1 -5% above baseline	\$500	Per Ton	Up to 30% incentive adder	\$500
	Ground Source Heat Pump, <=11.25 Tons, Tier 2 -12% above baseline	\$500	Per Ton	Up to 30% incentive adder	\$500
	Ground Water Source Heat Pump, <=11.25 Tons, Tier 1 -5% above baseline	\$500	Per Ton	Up to 30% incentive adder	\$500
	Ground Water Source Heat Pump, <=11.25 Tons, Tier 2 -12% above baseline	\$500	Per Ton	Up to 30% incentive adder	\$500
	DUCTLESS, MINI SPLIT AIR CONDITIONERS OR HEAT PUMPS - ALL SIZES	\$250	Per Ton	Up to 30% incentive adder	\$150
	PACKAGED TERMINAL AIR CONDITIONERS OR HEAT PUMPS				
	PTAC, All sizes	\$175	Per Ton	Up to 30% incentive adder	\$125
	PTHP, All sizes	\$300	Per Ton	Up to 30% incentive adder	\$125
	OTHER HVAC EQUIPMENT				
	Smart Thermostat ³	\$150	Per Unit	Up to 30% incentive adder	\$125
	Occupancy Controlled Thermostat - Electric	\$125	Per Unit	Up to 30% incentive adder	\$125
	Dual Enthalpy Economizer Controls			Up to 30% incentive adder	
	< 5 tons Dual Enthalpy Economizer	\$350	Per Unit	Up to 30% incentive adder	\$250
	> 5 tons Single measure for DNV	\$350	Per Unit	Up to 30% incentive adder	\$250
	Chillers - Path A Constant Speed				
	Air-Cooled Chiller, Constant Speed <= 1000 tons	\$85 per ton or Custom	Per Ton	Up to 30% incentive adder	Custom
	Water-Cooled Chiller, Screw Chiller - Positive Displacement, Constant Speed <= 600 tons	\$185 per ton or Custom	Per Ton	Up to 30% incentive adder	Custom
	Water -Cooled Chiller, Centrifugal, Constant Speed <= 1000 tons	\$85 per ton or Custom	Per Ton	Up to 30% incentive adder	Custom
	All Constant Speed Chillers => 1000 tons	Custom	Custom	Up to 30% incentive adder	Custom
	Performance Incentive: For each 0.1 EER point above or for each 0.01 kW below minimum efficiency Full Load or Integrated Part Load Value (IPLV).	\$10 per ton or Custom	Per Ton	Up to 30% incentive adder	N/A
	Chillers - Path B Variable Speed (VFD)				
	Air-Cooled Chiller, VFD Variable Speed <= 1000 tons	\$200 per ton or Custom	Per Ton	Up to 30% incentive adder	Custom
	Water-Cooled Chiller, Screw Chiller - Positive Displacement, VFD Variable Speed <= 600 tons	\$450 per ton or Custom	Per Ton	Up to 30% incentive adder	Custom
	Water -Cooled Chiller, Centrifugal, VFD Variable Speed <=1000 tons	\$20 per ton or Custom	Per Ton	Up to 30% incentive adder	Custom
	All Variable Speed Chillers => 1000 tons	Custom	Custom	Up to 30% incentive adder	Custom
	Performance Incentive: For each 0.1 EER point above or for each 0.01 kW below minimum efficiency Full Load or Integrated Part Load Value (IPLV).	\$10 per ton or Custom	Per Ton	Up to 30% incentive Adder	N/A
	Refrigeration				
	Anti-Fog Film	\$15	Per Sq. Ft.	Same	\$15
	Anti-Sweat Heat Control	\$75	Per Door	Same	\$50
	Anti-Sweat Heater Control/ Door Heater Control for Cooler/Medium Temp door	\$75	Per Door	Same	\$50
	Anti-Sweat Heater Control/ Door Heater control for Freezer/Low Temp door	\$75	Per Door	Same	\$50
	ECM Evaporator Fan Motor, <1 hp		Per Unit	Same	\$150
	Reach-in Cooler/Freezer Electronically Commutated Motor Evaporator Fan Motor control	\$150	Per Unit	Same	\$150
	Reach-in Cooler/Freezer Permanent Split Capacitor Motor Evaporator Fan Motor control	\$150	Per Unit	Same	\$150
	Reach-in Cooler/Freezer Shaded Pole Motor Evaporator Fan Motor control	\$150	Per Unit	Same	\$150
	Walk-in Cooler/Freezer Electronically Commutated Motor Evaporator Fan Motor control	\$150	Per Unit	Same	\$150
	Walk-in Cooler/Freezer Shaded Pole Motor Evaporator Fan Motor control	\$150	Per Unit	Same	\$150
	Walk-in Cooler/Freezer Permanent Split Capacitor Motor Evaporator Fan Motor control	\$150	Per Unit	Same	\$150
	Evaporator/Compressor Controller	\$1,000	Per Cooler	Same	\$1,000
	Evaporative Fan Controls	\$200	Per Control	Same	\$100
	Floating-head Pressure Controls	\$200	Per Control	Same	\$150
	Variable Speed Refrigeration Compressor	\$2,000	Per Unit	Same	\$2,000
	Evaporator Fan Controller on Existing Shaded-Pole Motor DNV Coveted above in ECM category	\$200	Per Unit	Same	\$100
	Night Cover - Low temp (-32°F to 0°F)	\$8	Per Linear Ft	Same	\$500 Per Case
	Night Cover - High Temp case temperature (32°F to 55°F)	\$8	Per Linear Ft	Same	\$500 Per Case
	Night Cover - Medium Temp, case temperature (0°F to 32°F)	\$8	Per Linear Ft	Same	\$500 Per Case
	Night Covers - Open Reach-In Coolers	\$8	Per Linear Ft	Same	\$500 Per Case
	Reach-In Door Closer		Per Unit	Same	\$75
	Automatic Door Closer - Cooler	\$150	Per Unit	Same	\$75
	Automatic Door Closer - Freezer	\$150	Per Unit	Same	\$75

Appendix H:					
Commercial Sector Incentives (not including repayment plans)					
Program	Prescriptive Measure ¹	Rebate Up To Value (\$) EDC/GDC Consensus Rebate Strategy ²	Unit Basis	Multifamily Income-Eligible Rebate Up to Value (\$)	Existing Up to Rebate Values ⁴
Energy Solutions for Businesses- Prescriptive Measures	Refrigeration Display Case Doors on Open Display Case	\$50 per linear ft \$600 per case	Per Ln Ft. Per Case	Same	\$600 per case
	Gaskets	\$7	Per Ln Ft.	Same	\$4
	Door Gasket - Cooler Reach-In/ Walk-in	\$7	Per Ln Ft.	Same	\$4
	Door Gasket - Freezer Reach-in/ Walk-in	\$7	Per Ln Ft.	Same	\$4
	Strip Curtains for Walk-In Coolers and Freezers	\$12	Per Sq. Ft.	Same	\$5
	VFD - Variable Frequency Drives				
	Horse Power				
	< 100 hp DNV has binned our VFD measures by the type load controlled per the TRM, not the HP of the motor	<= 10 HP - \$1000 per unit <= 50 HP - \$2500 per unit <= 100 HP - \$5000 per unit	Per Unit	Same	\$250
	≥100 to ≤200 DNV has binned our VFD measures by the type load controlled per the TRM, not the HP of the motor	\$50	Per HP	Same	\$50
	ECM Motors				
	EC Motors =<1 HP	\$150	Per unit	Same	\$150
	2 HP EC Motors - HVAC Blower Fan	\$500	Per unit	Same	\$175
	3-5 HP EC Motors - Hydronic Pumps	\$500	Per unit	Same	\$250
	6-10 HP	\$500	Per unit	Same	\$500
	11+ HP	\$750	Per unit	Same	\$750
	Commercial Kitchen Equipment				
	COMMERCIAL DISHWASHERS				
	Under Counter				\$1,500
	Commercial Dishwasher - Under Counter LT Electric	\$300	Per Unit	Same	
	Commercial Dishwasher - Under Counter HT Electric	\$2,500	Per Unit	Same	
	Door Type				
	Commercial Dishwasher - Door Type LT Electric	\$850	Per Unit	Same	
	Commercial Dishwasher - Door Type HT Electric	\$1,250	Per Unit	Same	
	Single Tank Conveyor				
	Commercial Dishwasher - Single Tank Conveyor LT Electric	\$400	Per Unit	Same	
	Commercial Dishwasher - Single Tank Conveyor HT Electric	\$2,500	Per Unit	Same	
	Multi Tank Conveyor				
	Commercial Dishwasher - Multiple Tank Conveyor LT Electric	\$1,000	Per Unit	Same	
	Commercial Dishwasher - Multiple Tank Conveyor HT Electric	\$1,500	Per Unit	Same	
	COOKING EQUIPMENT				
	Fat Fryers				
	Vat Fryer - Electric (Standard)	\$600	Per Unit	Same	\$250
	Vat Fryer - Electric (Large Vat)	\$1,800	Per Unit	Same	
	Griddles - Electric	\$600	Per Unit	Same	\$300
	Insulated Holding Cabinets				\$400
	Hot Food Holding Cabinets - Full Size	\$600	Per Unit	Same	
	Hot Food Holding Cabinets - 3/4 Size	\$600	Per Unit	Same	
	Hot Food Holding Cabinets - 1/2 Size	\$300	Per Unit	Same	
	Commercial Rack Oven	\$3,000	Per oven	Same	
	COMBINATION and CONVECTION OVENS				
	Convection Ovens	\$600	Per Unit	Same	\$400
	Commercial Combination Oven (Electric)	\$1,700	Per Oven/Steamer	Same	\$1,200
	Commercial Conveyor Oven	\$1,700	Per Unit	Same	N/A
	STEAM COOKERS				
	Commercial Steam Cooker	\$150	Per Pan	Same	\$150
	OTHER FOOD SERVICE				
	Energy Star Beverage Vending Machine	\$150	Per Unit	Same	\$75
	Pre-Rinse Spray Valve - Electric Water Heating	\$75	Per Unit	Same	\$75

Appendix H:					
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Energy Solutions for Businesses- Prescriptive Measures	ICE MACHINES				
	Tier 1	\$200	Per Unit	Same	\$200
	Tier 2	\$300	Per Unit	Same	\$300
	SOLID DOOR REACH-IN REFRIGERATORS				
	ENERGY STAR® Commercial Solid Door Refrigerator - < 15 ft3	\$400	Per Unit	Same	\$225
	ENERGY STAR® Commercial Solid Door Refrigerator - > 15 to < 30 ft3	\$400	Per Unit	Same	
	ENERGY STAR® Commercial Solid Door Refrigerator - > 30 to < 50 ft3	\$400	Per Unit	Same	
	ENERGY STAR® Commercial Solid Door Refrigerator - ≥ 50 ft3	\$400	Per Unit	Same	
	SOLID DOOR REACH-IN FREEZERS				
	ENERGY STAR® Commercial Solid Door Freezer - < 15 ft3	\$400	Per Unit	Same	\$500
	ENERGY STAR® Commercial Solid Door Freezer - > 15 to < 30 ft3	\$400	Per Unit	Same	
	ENERGY STAR® Commercial Solid Door Freezer - > 30 to < 50 ft3	\$400	Per Unit	Same	
	ENERGY STAR® Commercial Solid Door Freezer - ≥ 50 ft3	\$400	Per Unit	Same	
	GLASS DOOR REACH-IN REFRIGERATORS				
	ENERGY STAR® Commercial Glass Door Refrigerator - < 15 ft3	\$300	Per Unit	Same	\$150
	ENERGY STAR® Commercial Glass Door Refrigerator - > 15 to < 30 ft3	\$300	Per Unit	Same	
	ENERGY STAR® Commercial Glass Door Refrigerator - > 30 to < 50 ft3	\$300	Per Unit	Same	
	ENERGY STAR® Commercial Glass Door Refrigerator - ≥ 50 ft3	\$300	Per Unit	Same	
	GLASS DOOR REACH-IN Freezers				
	ENERGY STAR® Commercial Glass Door Freezer - < 15 ft3	\$300	Per Unit	Same	\$300
	ENERGY STAR® Commercial Glass Door Freezer - > 15 to < 30 ft3	\$300	Per Unit	Same	
	ENERGY STAR® Commercial Glass Door Freezer - > 30 ft3	\$300	Per Unit	Same	
	COMMERCIAL APPLIANCES				
	CLOTHES WASHER				
	CEE Tier 1	\$200	Per Unit	Same	\$100
	CEE Tier 2	\$350	Per Unit	Same	\$200
	WATER HEATING				
	Heat Pump Water Heater - C&I	\$1,500	Per Unit	Up to 30% incentive adder	\$1,500
	Heat Pump Electric Storage Water Heater, size > 55 gallons	\$1,500	Per Unit	Up to 30% incentive adder	\$1,500
	Heat Pump Electric Storage Water Heater, size ≤ 55 gallons	\$1,500	Per Unit	Up to 30% incentive adder	\$1,500
	PLUG LOAD CONTROLS				
	Personal Occupancy Sensor	\$100	Per Unit	Up to 30% incentive adder	\$20
	Hotel Room HVAC Controls	\$300	Per Unit	Up to 30% incentive adder	\$90
	Hotel Room HVAC/Receptacle Control	\$300	Per Unit	Up to 30% incentive adder	\$20
	Smart Power Strip - Tier 1	\$25	Per Unit	Up to 30% incentive adder	\$20
	Smart Power Strip - Tier 2	\$50	Per Unit	Up to 30% incentive adder	
	Vending Machine Controls				
	Non-Refrigerated	\$150	Per Unit	Up to 30% incentive adder	\$75
	Refrigerated	\$300	Per Unit	Up to 30% incentive adder	\$125
	Glass Front Refrigerated Cooler Control	\$150	Per Unit	Up to 30% incentive adder	\$125
	OFFICE EQUIPMENT				
	Monitors - C&I	\$25	Per Unit	Same	\$25
	Computers - C&I	\$25	Per Unit	Same	\$25
	Uninterruptible Power Supply (UPS)	\$75	Per kVA	Same	\$40
	Imaging - C&I	\$25	Per Unit	Same	\$25
	Small Network PC Controller	\$35	Per PC Controlled	Same	\$25

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Commercial Sector Incentives (not including repayment plans)					
Program	Prescriptive Measure ¹	Rebate Up To Value (\$) EDC/GDC Consensus Rebate Strategy ²	Unit Basis	Multifamily Income-Eligible Rebate Up to Value (\$)	Existing Up to Rebate Values ⁴
Energy Solutions for Businesses- Prescriptive Measures	AGRICULTURE				
	Auto Milker Takeoff	\$100	Per Unit	Same	\$90
	Dairy Scroll Compressor	\$1,000	Per Unit	Same	\$1,000
	HE Ventilation Fans	\$100	Per Unit	Same	\$215
	High Speed Fan 24" – 35"			Same	\$215
	High Speed Fan 36" - 47"			Same	\$215
	High Speed Fan 48" - 71"			Same	\$215
	Heat Reclaimers	\$2,500	Per Unit	Same	\$1,000
	High Volume Low Speed Fans (Destratification)	\$1,200	Per Unit	Same	\$25 per ft of fan blade
	High Volume Low Speed Fan (HVLS) 16'			Same	\$25 per ft of fan blade
	High Volume Low Speed Fan (HVLS) 18'			Same	\$25 per ft of fan blade
	High Volume Low Speed Fan (HVLS) 20'			Same	\$25 per ft of fan blade
	High Volume Low Speed Fan (HVLS) 22'			Same	\$25 per ft of fan blade
	High Volume Low Speed Fan (HVLS) 24'			Same	\$25 per ft of fan blade
	Livestock Waterer	\$500	Per Unit	Same	\$60
	Dairy Vac Pump VSD Controls	\$2,000	Per Unit	Same	\$1,000
	Dairy Refrigeration Tune-Up	\$150	Per Unit	Same	\$200
	Engine Block Heater Timer	\$25	Per Unit	Same	\$25
	RESIDENTIAL APPLIANCES in C&I BUILDING - Non Commercial Duty				
	Clothes Washer Tier 1	See Residential Incentives	Per Unit	Same	See Residential Incentives
	Clothes Washer Tier 2	See Residential Incentives	Per Unit	Same	See Residential Incentives
	Clothes Washer Tier 3	See Residential Incentives	Per Unit	Same	See Residential Incentives
	Clothes Dryer - Tier 1	See Residential Incentives	Per Unit	Same	See Residential Incentives
	Clothes Dryer - Tier 2	See Residential Incentives	Per Unit	Same	See Residential Incentives
	Refrigerators Tier 1	See Residential Incentives	Per Unit	Up to 30% incentive adder	See Residential Incentives
	Refrigerators Tier 2	See Residential Incentives	Per Unit	Up to 30% incentive adder	See Residential Incentives
	Freezer	See Residential Incentives	Per Unit	Up to 30% incentive adder	See Residential Incentives
	Dehumidifier	See Residential Incentives	Per Unit	Up to 30% incentive adder	See Residential Incentives
	Room Air Conditioner	See Residential Incentives	Per Unit	Up to 30% incentive adder	See Residential Incentives
	Water Cooler	See Residential Incentives	Per Unit	Up to 30% incentive adder	See Residential Incentives
Custom	CUSTOM PROJECTS				
	For example: Compressed Air, Refrigeration, Data Center Equipment/Servers, HVAC/Chillers, HVAC Controls, Motors/VFD - Large, Building Improvements, Process Improvements, Agricultural Lighting/Process, Custom Lighting, Demand Controlled Ventilation, Energy Recovery Ventilator, Heat Recovery Ventilator	75% of total project(s) cost as identified in a final energy efficiency plan (FEEP) or equivalent. Total project costs may include pre-engineering costs, soft costs, and other costs associated with the preparation of the FEEP; and For all lighting measures: \$0.16/kWh per projected kWh saved annually; for all other measures: \$0.33 per projected kWh saved annually; \$3.75 per projected therms saved annually, all as identified in the FEEP(s); and \$4,000,000 per entity per fiscal year, determined by summing the commitments associated with each FEEP approval made during the applicable fiscal year. or The amount necessary to buy down to no less than a two-year payback.	per kWh	Up to 30% incentive adder	Incentives are calculated based on the lesser of two factors. 50% of project cost, or \$0.35/kWh saved in the first year.

Appendix H:					
Commercial Sector Incentives (not including repayment plans)					
Program	Prescriptive Measure ¹	Rebate Up To Value (\$) EDC/GDC Consensus Rebate Strategy ²	Unit Basis	Multifamily Income-Eligible Rebate Up to Value (\$)	Existing Up to Rebate Values ⁴
Energy Solutions for Businesses- Prescriptive Measures	ENERGY MANAGEMENT				
	Bldg. - Tune-Up	Consensus EDC/GDC Incentive Strategy	% of Project Cost		Existing Incentive Up to Value
	Lighting Optimization	\$0.32 / kWh	Up to 80%		Up to 70% of Project Cost w project cap of \$75,000
	HVAC Optimization	\$0.64 / kWh	Up to 80%		
	Chiller Optimization	\$0.64 / kWh	Up to 80%		
	Refrigeration Optimization	\$0.64 / kWh	Up to 80%		
	Electric Other Optimization	\$0.64 / kWh	Up to 80%		
	Gas Optimization	\$10.00 / therm	Up to 80%		
	Boiler Tuneup	\$10.00 / therm	Up to 80%		
	Furnace Tuneup	\$600	Up to 80%		
	HVAC Tune-Up				
	Single Compressor Units	\$350	Up to 80%		\$175 per unit
	Multiple Compressor Units	\$500	Up to 80%		\$250 per unit
	PTAC,PTHP, Mini Splits	\$300	Up to 80%		\$75 per unit
	Electric/Other	\$0.64 / kWh	Up to 80%		N/A
	Boiler Tuneup	\$10.00 / Therm	Up to 80%		\$1 per MBH
	Furnace Tuneup	\$600	Up to 80%		\$250
	Dairy Refrigeration Tune-Up	\$150	Up to 80%		\$200 per unit
	Retro-commissioning				
	RCx Services (Audit, Implementation, M&V) (for trade ally services only)	-	Up to 100%		N/A
	Customer/Trade Ally Incentive for verified energy savings	\$0.64 / kWh and \$10.00 / therm	Up to 70%		Up to \$0.35 per kWh
	BOC Training				
	Building Operations Training	Up to 70%	\$1,000 / Applicant cap		Up to 70% of the cost to attend qualified BOC training up to \$1000 per person.
	Strategic Energy Mgmt.				
	SEM Services (Audit, Implementation, M&V)	-	Up to 100%		N/A
	Customer Incentive for verified energy savings	\$0.64 / kWh and \$10.00 / therm	Up to 70%		Up to \$0.35 / kWh
	Virtual Commissioning VCx				
		\$0.30 / kWh	\$/kWh		Up to \$0.35 per kWh
	Monitoring Based Commissioning				
	MBCx (Audit, Implementation, M&V)		Up to 100%		N/A
	Customer Incentive for verified energy savings	\$0.64 / kWh	Up to 70%		Up to \$0.35 per kWh

Notes
1 - The utilities reserve the right to seek the addition of new measures and incentives within the annual update of the Program Year TRM ("PY TRM"). The utility will provide justification for their specific measure request for consideration by the TRM Committee. Where sufficient evidence is demonstrated, the TRM Committee may add the new measures and incentives as a proposed change to the next PY TRM, which shall follow the annual PY TRM update process before the measure is added to the PY TRM. The exact annual PY TRM update process is being drafted within the EM&V Working Group for consideration by the BPU for adoption in Triennium 2.

2 - All rebates will be offered equal to or less than the "Up to" value. Rebate value should not exceed the full measure cost.

3 - The total rebate value for a smart thermostat will be up to \$150 total between both fuel utilities

4 - Existing up-to rebate values may vary by program administrator.

Appendix H:			
Comprehensive Commercial Programs (not including repayment plans)			
Program	Category	Description of Approach to Incentives ^{1 & 2}	Existing Incentives ³
Direct Install	Tier 1	For Tier 1 customers the program will offer to pay up to 80% of the project cost to install the recommended energy efficiency measures with the participating customer (and/or landlord) repaying the balance not covered through the incentive either in a lump sum or through a repayment plan. Tier 1 will serve all customers with an average annual individual facility peak electrical demand of up to 100 kW and an average annual natural gas load of up to 5,000 therms.	For Tier 1 customers, standard basic energy savings measures may be installed at no cost during the time of the energy assessment. The program will offer to pay up to 80% of the project cost to install the recommended energy efficiency measures with the participating customer (and/or landlord) repaying the balance not covered through the incentive either in a lump sum or through an available repayment option. Customers located in an Urban Enterprise Zone, Opportunity Zone, owned or operated by a local government, or K-12 public schools. may also qualify for Tier 1 status, up to an average individual facility peak electrical demand of 200 kW .
	Tier 2	For Tier 2 customers, program will offer to pay up to 80% of the project cost to install the recommended energy efficiency measures with the participating customer (and/or landlord) repaying the balance not covered through the incentive either in a lump sum or through a repayment plan. Tier 2 will serve all customers with an average annual individual facility peak demand of up to 300 kW or average annual natural gas load of 40,000 therms located within an Urban Enterprise Zone ("UEZ"), Opportunity Zone, Overburdened Community ("OBC"). Also eligible are customers with an average annual individual facility peak demand of up to 300 kW or an average annual natural gas load of 40,000 therms that are owned or operated by a local government, K-12 public schools, or that are non-profits categorized as 501(c)3.	Tier 2 will serve the larger segment of eligible customers, with an average individual facility peak electrical demand of 101 - 200 kW over the past 12 months. Incentives up to 70% of the total project cost will be offered.
	Tier 3	Tier 3 will serve the larger segment of eligible customers, with an individual facility average annual peak electrical demand of 101 - 300 kW or 5,001 therms to 40,000 therms over the past 12 months. Incentives up to 70% of the total project cost will be offered with the participating customer repaying the balance not covered through the incentive either in a lump sum or through a repayment plan.	N/A - new
Energy Solutions	Engineered Solutions - Tier 1	Will provide a 100% incentive for an up-front audit, the specific audit level will be determined on a project-by-project basis based on the complexity of the facility and the potential energy efficiency measures. In addition, the utilities will buy-down the simple payback of the recommended energy-efficiency project cost for approved measures by up to six years, with the resulting payback not less than three years. After the project incentive buy-down, the remaining project costs may be funded by the program with participants repaying the balance of the project costs through a repayment plan.	The subprogram will provide a 100% incentive for an up-front ASHRAE audit, the specific audit level will be determined on a project by project basis based on the complexity of the facility and the potential energy efficiency measures. In addition, JCPL will buy-down the simple payback of the recommended energy-efficiency project cost for approved measures by up to six years, with the resulting payback not less than three years. After the project incentive buy-down, the remaining project costs may be funded by the subprogram with participants repaying the balance of the project costs through OBRP or access to financing with similar terms.
	Engineered Solutions - Tier 2	Incentives for the Engineered Solutions Tier 2 pathway will provide incentives for both technical assistance services and other project costs determined on a project-by-project basis using a cost effectiveness tool up to 60% of project cost.	
	Energy Management	Incentives for the Energy Management pathway are structured around the measure categories that focus on specific energy efficiency measures and management practices as follows: HVAC Tune-Up: Fixed incentives for the implementation of the tune-up measures based on the size of the HVAC units. Building Tune-Up: Incentives that cover up to 80% of the project cost and up to 70% of the cost to attend qualified BOC training up to \$1000 per person. Retro-Commissioning: Incentives to cover up to 100% of the initial cost to perform the required ASHRAE level audit. The total project incentive will be capped at up to 70% of the project cost. The customer may also be paid a custom incentive for the implementation of the energy efficiency measures determined through the audit. Monitoring-based Commissioning, Virtual Commissioning: Incentives to cover up to 100% of the cost of integration of third-party hardware and software. Utilities may also implement a performance-based model with an implementation contractor where the utility only pays for delivered and verified energy savings. Strategic Energy Management: The utility or third-party implementation contractor may perform an engineering assessment of the customer's facility to develop a SEMP or the customer may choose to utilize a consultant of their choosing to perform an engineering assessment to develop the SEMP. Customers who utilize a consultant will receive an incentive to cover up to 100% of the initial cost of the engineering assessment. A tiered incentive structure for customer engineering assessment may be utilized based upon square footage of a customer's facility. The SEMP will identify short, medium and long-term goals for the customer and will set identifiable metrics for mapping to the plan. For the implementation of the energy efficiency measures determined by the SEMP, the customer will be paid an incentive that is commensurate with the applicable Commercial & Industrial Program offering that the measures are attributed.	Incentives for the Energy Management pathway are structured around the measure categories that focus on specific energy efficiency measures and management practices as follows: HVAC Tune-Up: Fixed incentives for the implementation of the tune-up measures based on the size of the HVAC units up to \$250 value. Building Tune up: Incentives that cover up to 70% of the project cost with a project cap of \$75,000 and up to 70% of the cost to attend qualified BOC training up to \$1,000 per person. Retro-Commissioning: Incentives to cover up to 50% of the initial cost to perform the required ASHRAE level audit, and the remaining cost upon the customer commitment to implementation of energy efficiency measures defined by the audit. The customer will also be paid a custom incentive for the implementation of the energy efficiency measures determined through the audit. The total audit and project incentive will be capped at up to 70% of the project cost. Strategic Energy Management: Customers who utilize a consultant will receive an incentive to cover up to 50% of the initial cost of the engineering assessment, with the remaining cost upon the customer commitment to implementation of energy efficiency measures defined by the SEMP process. A tiered incentive structure for Customer engineering assessment will be utilized based upon square footage of Customer's facility. The SEMP will identify short, medium, and long-term goals for the customer and will set identifiable metrics for mapping to the plan. For the implementation of the energy efficiency measures determined by the SEMP, the customer will be paid an incentive that is commensurate with the applicable Commercial & Industrial Program offering that the measures are attributed.

Notes

- 1 - The utilities reserve the right to seek the addition of new measures and incentives within the annual update of the Program Year TRM ("PY TRM"). The utility will provide justification for their specific measure request for consideration by the TRM Committee. Where sufficient evidence is demonstrated, the TRM Committee may add the new measures and incentives as a proposed change to the next PY TRM, which shall follow the annual PY TRM update process before the measure is added to the PY TRM. The exact annual PY TRM update process is being drafted within the EM&V Working Group for consideration by the BPU for adoption in Triennium 2.
- 2 - All rebates will be offered equal to or less than the "Up To" value.
- 3 - Represents current incentives and does not including financing incentives. See Section 4H.

Appendix H:				
Multifamily Incentives (not including repayment plans)				
Program	Pathway	Measure ¹	Rebate Strategy ²	Existing Rebate Strategy
Multifamily	N/A	Prescriptive	Please refer to the Residential and Commercial Schedules. Note the additional column for income eligible projects	Energy Assessment with the equipment and installation costs for the standard energy savings measures will be provided to eligible properties with “Up to 100%” of the cost provided by the program.
		MF Whole Building (successor to current MF HPwES Program)	Tiered incentive cash rebate not to exceed 50% of the costs of the measures used to calculate Total Energy Savings, up to \$1,750 per unit. - Contractor production incentive of up to \$50 per unit. (Will stay with the lead utility.)	- Tiered incentive cash rebate not to exceed 50% of the costs of the measures used to calculate Total Energy Savings, up to \$1,500 per unit - Up to \$50 contractor production incentive per unit
		MF Direct Install	Provide incentives consistent with proposed Tiers within Small Business Direct Install Program	N/A
		MF Energy Solutions (ES)- regular customers	Follow structure of C&I Energy Solutions	- Program will buy-down the simple payback of the recommended energy-efficiency project cost for approved measures by up to six years, with the resulting payback not less than three years.
		MF Energy Solutions - special Income Eligible treatment	For Engineered Solutions Tier 1 – Keep to 6 year buydown. For Engineered Solutions Tier 2 – Increase the incentive up to 80% of project costs.	N/A- No special treatment

Notes

1 - The utilities reserve the right to seek the addition of new measures and incentives within the annual update of the Program Year TRM ("PY TRM"). The utility will provide justification for their specific measure request for consideration by the TRM Committee. Where sufficient evidence is demonstrated, the TRM Committee may add the new measures and incentives as a proposed change to the next PY TRM, which shall follow the annual PY TRM update process before the measure is added to the PY TRM. The exact annual PY TRM update process is being drafted within the EM&V Working Group for consideration by the BPU for adoption in Triennium 2.

2 - All rebates will be offered equal to or less than the "Up to" value.

Appendix H: Building Decarbonization Incentives			
Sector	Type/Mesaure	Specific	Rebate Up To Value (\$)
Residential	Air Source Heat Pumps	Full Displacement - ccASHP	Lesser of \$10,000 or 50% of installation cost per house (i.e., install & dehumidifier). Two adders, \$2000 for re-ducting, if Manual D calls for it, and \$2000 for decommissioning. Contractor bonus: \$250 for full-load \$750 for full load and conversion from delivered fuel system Moderate-Income (MI) incentive: Lesser of \$12,000 or 60% of project cost Eligible for additional units if required as described in Full Displacement-Additional Units.
		Full Displacement-Dual Fuel - ccASHP	lesser of \$5000 or 50% of project cost per house (MI: \$6000 or 60%), sized for heating load Must Include Integrated Controls. Eligible for additional units if required as described in Full Displacement-Additional Units.
		Full Displacement-Additional ASHP Units	Full BD incentive available for first unit, additional Heat Pump units are eligible for relevant EE product incentives of \$2,000 per ccASHP or \$750 per standard ASHP. If utilized in a dual-fuel heated zone, must be part of the integrated controls.
		Partial Displacement - ASHP	Non-ccASHP: lesser of \$2000 or 30% of project cost per house (MI: \$3000 or 40%) , sized for at least cooling load plus electrical panel capacity if appropriate, up to heating load, with program guidelines to be developed. Must Include Integrated Controls.
	Ground Source Heat Pumps	Full Displacement	Gas Customers: Lesser of \$4,000/10,000 BTUh or 50% of project cost. Delivered fuels customers: lesser of \$5,000/10,000 BTUh or 50% of project cost Moderate Income customers: extra \$1,000/10,000 BTUh or extra 10% of project cost
	Heat Pump Water Heater	240V	\$750 per Unit
		120V	\$750 per Unit
	Packaged Terminal Heat Pump	PTHP	\$5,000
	Electric Lawn Equipment	Lawnmower - Push	\$75
		Lawnmower - Ride	\$75
		Snow Blower	\$50
		Leaf blower	\$50
		String Trimmer	\$50
		Chainsaw	\$50
	Heat Pump Clothes Driers	Heat Pump Clothes Dryers	\$400 ES
	Induction Stove	Induction Stove	\$400 / \$600 for LMI
	Heat Pump Pool Heater	Heat Pump Pool Heater	\$2,000
	Custom	Any sufficiently complex system to not be adequately covered by other offerings	\$300
	Whole Home Program	Wx First through Whole Home	\$1,000
		Multi-end use bonus	\$750
	Electric Ready ³	Panel Upgrades	For Income Qualified customers, full cost up to \$4000 to upgrade a panel, only when installing BD measures. The upgrade shall include enough capacity to support the needed upgrades and a Level 2 EV charger (where possible). \$2500 for wiring, only when installing BD measures. For non-Income Qualified customers, up to \$300 per circuit for each BD measure requiring a 240V circuit purchased under the program up to four circuits, or \$300 for a panel upgrade, only when installing BD measures. Financing up to \$2000.
	Income Eligible Program	For core electric end-uses & electric ready measures	Full Cost

C&I	Electric Ready	Panel Upgrades	\$7,500
	Air Source Heat Pumps	ccASHP	\$6,000
		ASHP	\$5,000
	Air Source Variable Refrigerant Flow Heat Pump	VRF	\$6,500
	Water Source Heat Pump	WSHP	\$6,000
	Water-Cooled VRF	VRF	\$6,000
	Ground Source Heat Pump	GSHP	\$6,500
	Packaged Terminal Heat Pumps	PTHP	\$5,000
	Heat Pump RTU	RTU	\$5,000
	Heat Pump Water Heater	HPWH	\$2,000
	Electric Lawn Equipment	Lawnmower	\$6,000
		Leaf blower	\$400
		String Trimmer	\$300
		Chainsaw	\$300
	Electric Forklift	Electric Forklift	\$9,000
	Custom	Any sufficiently complex system to not be adequately covered by other offerings	\$500
	Deep Energy Retrofit	Multi-end use bonus	\$1,000

Notes

1 - The utilities reserve the right to seek the addition of new measures and incentives within the annual update of the Program Year TRM ("PY TRM"). The utility will provide justification for their specific measure request for consideration by the TRM Committee. Where sufficient evidence is demonstrated, the TRM Committee may add the new measures and incentives as a proposed change to the next PY TRM, which shall follow the annual PY TRM update process before the measure is added to the PY TRM. The exact annual PY TRM update process is being drafted within the EM&V Working Group for consideration by the BPU for adoption in Triennium 2.

2 - All rebates will be offered equal to or less than the "Up To" value. Rebate value should not exceed the full measure cost. Tiered rebate amounts may be offered within the incentive ranges listed above for qualified measures that have varying applications or characteristics (e.g. size, features, etc.)

3 - Full panel upgrade will leverage existing EV Make Ready Incentives, where applicable. All eligible upgrades shall include enough capacity to support the needed upgrades and a Level 2 EV charger (where possible, i.e., where a dedicated parking spot is available). In no case shall the combination of federal, state, other government, and utility sources fund more than 90% of a project's total costs through rebates or other direct incentives. Sources of funding that must be considered towards the 90% calculation include: any Federal; other State, any other government entity, New Jersey's Clean Energy Program; and utility rebates and incentives, excluding the IRA tax credit customers may also qualify for.

Appendix H:		
JCPL Demand Response Incentives		
Program	NJ Measures	Rebate Up To Value (\$) ¹
Load Optimization & PDR	Enrollment	\$200
	Participation-Prescriptive	\$50/yr
	Participation-Performance	\$200/kw-yr

Appendix J, Table J-1: Cost Assumptions	
The following details the assumptions for each cost element used in the budget tables of the Plan.	
Cost Elements	Description
Utility Administration	Utility Administration costs were based on the Company's estimated Portfolio administration costs. These include costs incurred by the utility for employee labor and other costs for oversight and management of the portfolio. Also includes costs to perform duties associated with activities, such as plan and program design, compliance reporting, workforce development or other industry or market initiatives or meetings to support the Plan (Ex. stakeholder meetings, working groups, etc.). Utility Administration costs are estimated based on actual spend or Company estimates. Costs are allocated, based on the estimated direct charges to program components, and summed to the program level.
Marketing	Marketing costs were informed by Company estimates of both Utility and Third-Party Implementation Contractor pricing for the plan or programs.. Program specific marketing costs were identified by two components, (1) fixed program/sub-program and (2) variable unit cost. Costs in this category also includes costs associated with developing and providing marketing/promotional strategies, advertising space, materials, and costs associated with outreach initiatives to Community Based Organizations.
Outside Services	Outside Services costs were informed by Company estimates of Third-Party Implementation Contractor costs for the programs. Third-Party Implementation Contractor costs were identified by two components, (1) fixed program and (2) variable unit cost and includes costs for the management and implementation of programs, including staffing, websites(s), data collection and transfers, call centers, incentive processing, quality assurances and control processes, and other activities supporting successful program implementation. Also includes other third-party costs including program design support services, hosted tracking system software, Statewide Coordinator, and financing administration costs.
Inspections and Quality Control	Inspections and quality control costs were informed by Company estimates of performing inspections on completed projects for each program to ensure quality and delivery conforms to program requirements. Inspections and Quality Control costs were identified by two components, (1) fixed program/sub-program, and (2) variable unit cost.
Evaluation (EM&V)	EM&V costs were based on company estimate based on past actuals and contractor pricing information. Includes costs for evaluation, measurement and verification activities performed by the Company and the Company's independent third-party evaluator. These funds are spent on evaluation, surveys, M&V processes, data transfer responsibilities, research, studies and participation in evaluation and working group meetings.
Incentives	Incentives include rebates paid to customers, the costs associated with the value of services or measures provided to customers, or upstream payments to trade allies (retail stores, distributors, contractors, etc.) where applicable. Incentives also includes financing principle to provide customers access to low- to no-cost financing for certain program offerings. Additionally included are estimates for Health and Safety costs for applicable programs.

Appendix J, Table J-2: Measure Assumptions													
Sector	Program Type	Program	Measure	Measure Life	Verified kWh	Verified kW	NTG	Incremental Cost	Modeled Rebate	Gas Savings (Therms/Yr)	Source of Savings	Source of Measure Life	Source of Inc Cost
Residential	Core Utility	Energy Efficient Products	Freezer Recycling	4	593	0.10	0.58	\$0	\$80	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Refrigerator Recycling	5	883	0.14	0.51	\$0	\$80	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Room Air Conditioner Recycling	3	163	0.08	0.50	\$0	\$50	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Dehumidifier Recycling	4	955	0.22	0.41	\$0	\$75	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Mini Refrigerator Recycling	6	201	0.04	0.51	\$0	\$50	-	Co Assumption	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Clothes Washer	14	128	0.01	0.51	\$216	\$200	5.76	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Refrigerators	12	61	0.01	0.47	\$79	\$100	(1.13)	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Room Air Conditioner	12	75	0.04	0.60	\$26	\$40	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Freezers	11	38	0.01	0.52	\$50	\$50	(0.70)	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Clothes Dryer	12	33	0.00	0.58	\$416	\$390	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Air Purifier / Cleaner	9	159	0.02	0.65	\$87	\$40	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Dehumidifiers	12	123	0.02	0.60	\$12	\$25	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Water Heater - Heat Pump	10	1,622	-	0.78	\$778	\$750	(7.59)	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Dishwashers	11	18	0.00	0.52	\$151	\$30	0.67	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Water Coolers	10	47	0.01	0.52	\$24	\$30	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Beverage Coolers	12	30	0.00	0.47	\$50	\$25	(0.56)	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Smart Strip Plug Outlets	5	97	0.01	0.90	\$26	\$25	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	TVs	6	16	3.38	0.83	\$10	\$30	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Sound Bars	7	48	0.00	0.83	\$0	\$25	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Smart Home	15	5	0.00	0.75	\$11	\$25	(0.15)	Co Assumption	Co Assumption	Co Assumption
Residential	Core Utility	Energy Efficient Products	Residential Occupancy Sensors	15	35	0.00	0.75	\$88	\$15	(0.02)	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	LED Holiday Lights	10	21	-	0.45	\$12	\$5	-	NJ TRM	NJ TRM	Co Assumption
Residential	Core Utility	Energy Efficient Products	Ceiling Fans	15	80	0.01	0.72	\$58	\$20	(68.68)	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Smart Thermostat	5	108	-	0.74	\$148	\$135	50.84	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Smart Strip Plug Outlets	5	97	0.01	0.90	\$26	\$25	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Water Heater - Heat Pump	10	1,622	-	0.78	\$778	\$750	(7.59)	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Air Purifier / Cleaner	9	159	0.02	0.65	\$87	\$39	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	LED Holiday Lights	10	21	-	0.45	\$12	\$5	-	NJ TRM	NJ TRM	Co Assumption
Residential	Core Utility	Energy Efficient Products	Dehumidifiers	12	123	0.02	0.60	\$12	\$25	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Residential Occupancy Sensors	15	35	0.00	0.75	\$88	\$15	(0.02)	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Air Source Heat Pumps	15	347	0.21	0.65	\$638	\$750	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Central Air Conditioners	15	312	0.37	0.74	\$1,102	\$200	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Ductless Mini-Split Heat Pump	15	322	0.18	0.65	\$291	\$500	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	PTAC	15	87	0.08	0.74	\$163	\$50	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	PTHP	15	222	0.08	0.65	\$135	\$100	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Heat Pump - Water & Geothermal	25	7,338	-	0.67	\$4,243	\$2,500	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Furnace Fans	7	363	0.04	0.63	\$404	\$50	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Smart Thermostat	5	108	-	0.74	\$148	\$135	50.84	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	HVAC - Tune Up	15	135	0.06	0.60	\$131	\$100	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Circulating Pump	7	630	0.14	0.76	\$190	\$50	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	HE Bathroom Fans	19	35	0.00	0.60	\$44	\$25	-	MA TRM	MA TRM	MA TRM
Residential	Core Utility	Energy Efficient Products	HVAC Quality Install	15	302	0.16	0.60	\$0	\$150	-	Co Assumption	Co Assumption	Co Assumption
Residential	Core Utility	Energy Efficient Products	Cold Climate Air Source Heat Pumps	15	1,159	0.59	0.78	\$4,971	\$2,000	-	NJ TRM	NJ TRM	NJ T2 Inc Cost
Residential	Core Utility	Energy Efficient Products	Cold Climate DMSHP	15	322	0.18	0.65	\$291	\$750	-	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Energy Efficient Products	Water Heater - Heat Pump	10	1,622	-	0.78	\$778	\$750	(7.59)	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Whole Home	Comprehensive Retrofit	20	1,526	0.34	0.77	\$6,709	\$3,500	245.09	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Whole Home	Home Energy Assessment	10	430	0.04	0.43	\$335	\$300	5.93	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Income Qualified - MI Wx	MI Weatherization	18	1,397	0.17	0.83	\$5,108	\$5,500	185.62	EE Consultant	EE Consultant	EE Consultant
Residential	Core Utility	Behavioral	Behavioral FY25	1	50	0.01	1.00	\$0	\$0	-	Vendor	Industry Stndrd	N/A
Residential	Core Utility	Behavioral	Behavioral FY26	1	127	0.03	1.00	\$0	\$0	-	Vendor	Industry Stndrd	N/A
Residential	Core Utility	Behavioral	Behavioral FY27	1	131	0.03	1.00	\$0	\$0	-	Vendor	Industry Stndrd	N/A
Multifamily	Core Utility	Multifamily	Multifamily	18	7,896	2.20	0.82	\$36,666	\$5,132	1,820.02	EE Consultant	EE Consultant	EE Consultant
Multifamily	Core Utility	Multifamily	Multifamily - Engnrd Solutions	15	75,125	8.58	0.91	\$18,043	\$48,832	5,700.00	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Direct Install	Audits w DI - CI - Tier 1	15	30,500	6.40	0.91	\$7,700	\$19,825	3,050.00	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Direct Install	Audits w DI - CI - Tier 2	15	50,800	10.50	0.91	\$12,750	\$33,020	5,080.00	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Direct Install	Audits w DI - CI - Tier 3	15	76,200	15.75	0.91	\$19,125	\$49,530	7,620.00	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Clothes Dryer - Consumer - C&I	12	252	0.00	0.58	\$719	\$150	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Clothes Washer - Consumer- C&I	11	162	0.02	0.51	\$371	\$100	23.65	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Dehumidifier - Consumer - C&I	12	97	0.03	0.49	\$12	\$25	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Freezer - Consumer - C&I	11	38	0.01	0.52	\$50	\$50	(0.70)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Refrigerators - Consumer - C&I	12	61	0.01	0.47	\$79	\$100	(1.13)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Water Cooler - Consumer - C&I	10	47	0.01	0.52	\$24	\$20	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Water Heater - Heat Pump - C&I	10	2,804	0.73	0.71	\$1,285	\$1,000	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Freezer Recycling - C&I	4	883	0.14	0.51	\$0	\$80	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Refrigerator Recycling - C&I	4	593	0.10	0.58	\$0	\$80	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Room Air Conditioner Recycling - C&I	3	403	0.16	0.50	\$0	\$50	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Dehumidifier Recycling - C&I	4	1,201	0.30	0.41	\$0	\$75	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Mini Refrigerator Recycling - C&I	6	201	0.04	0.51	\$0	\$50	-	Co Assumption	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Air Conditioning (>5.4 < 20 Ton) - C&I	15	726	0.60	0.93	\$512	\$2,000	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Air Conditioning (<=5.4 Ton) - C&I	15	405	0.33	0.93	\$1,102	\$750	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Air Conditioning (>=20 Ton) - C&I	15	726	0.60	0.93	\$512	\$2,000	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Circulating Pump - C&I	15	662	0.12	0.84	\$2,827	\$150	3.72	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	DMS Heat Pump - C&I	15	645	0.36	0.83	\$428	\$350	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Ductless Mini-Split A/C - C&I	15	192	0.24	0.65	\$411	\$350	-	EE Consultant	EE Consultant	EE Consultant

Appendix J, Table J-2: Measure Assumptions													
Sector	Program Type	Program	Measure	Measure Life	Verified kWh	Verified kW	NTG	Incremental Cost	Modeled Rebate	Gas Savings (Therms/Yr)	Source of Savings	Source of Measure Life	Source of Inc Cost
C&I	Core Utility	Prescriptive / Custom	Furnace Fans - C&I	7	363	0.04	0.63	\$404	\$50	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Heat Pump C&I (<=5.4 Ton, 1 Ph)	15	376	0.19	0.83	\$651	\$750	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Heat Pumps - Wtr & GeoT - C&I	15	1,063	0.66	0.83	\$1,861	\$2,500	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	PTAC - C&I	15	70	0.06	0.83	\$163	\$70	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	PTHP - C&I	15	186	0.06	0.83	\$163	\$110	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Rm Air Condnr, Consumer - C&I	12	75	0.04	0.60	\$26	\$25	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Smart Thermostat - C&I	5	78	-	0.81	\$111	\$100	12.89	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Heat Pump - Cold Climate C&I (<=5.4 Ton, 1 Ph)	15	1,159	0.59	0.83	\$4,971	\$2,000	-	NJ TRM	NJ TRM	NJ T2 Inc Cost
C&I	Core Utility	Prescriptive / Custom	Heat Pump C&I (<=5.4 Ton, 3 Ph)	15	785	0.34	0.83	\$1,943	\$750	-	NJ TRM	NJ TRM	NJ T2 Inc Cost
C&I	Core Utility	Prescriptive / Custom	Cold Climate DMS Heat Pump - C&I	15	645	0.36	0.83	\$428	\$750	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Exit Signs	15	138	0.02	0.53	\$21	\$10	(13.75)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	LED Fixture External	7	609	0.02	0.64	\$433	\$183	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	LED Fixture Internal	7	558	0.07	0.64	\$421	\$167	(5.01)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	LED Linear	5	163	0.02	0.58	\$42	\$49	(1.46)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	LED Reach in Refrig/Frzd Lights	16	117	0.02	0.58	\$296	\$35	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Lighting - Custom	15	85,288	9.74	0.53	\$18,763	\$25,587	-	Actuals	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Lighting - Other	15	85,288	9.74	0.53	\$18,763	\$25,587	-	Actuals	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Lighting Controls (Daylight & Occupancy)	8	1,363	0.33	0.62	\$160	\$409	(81.03)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Lighting Controls (Network)	8	862	0.21	0.69	\$160	\$259	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Linear Lamps - Mntnce-C&I	5	64	0.01	0.58	\$199	\$19	(0.58)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	High/Low Bays Lamps - Mntnce-C&I	7	1,072	0.14	0.64	\$426	\$322	(9.63)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	LED Fixture - Mntnce-C&I	5	291	0.04	0.58	\$42	\$87	(2.62)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Street & Area Lighting (Cust Owned)	7	631	0.02	0.64	\$433	\$189	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	LED to LED Conversion	15	8	0.00	0.53	\$6	\$2	-	-	-	-
C&I	Core Utility	Prescriptive / Custom	Anti Sweat Heater Controls	12	647	0.07	0.93	\$357	\$70	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Beverage Vending Machine - Controls	5	1,512	-	0.77	\$271	\$250	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Coffee Brewers	15	1,331	0.15	0.81	\$200	\$100	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Combination Oven	12	11,462	2.70	0.81	\$2,512	\$1,000	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Convection Oven	12	1,118	0.23	0.81	\$989	\$500	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Dishwasher - C&I	15	2,928	0.33	0.81	\$882	\$250	280.83	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Commercial Refrigerator - C&I	10	388	0.05	0.47	\$554	\$350	(7.19)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Commercial Freezer - C&I	12	889	0.11	0.47	\$616	\$350	(16.46)	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Fryers	12	1,876	0.39	0.81	\$580	\$350	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Griddles	12	3,649	0.76	0.81	\$1,073	\$500	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Hot Food Holding Cabinet	12	2,555	0.63	0.81	\$1,038	\$450	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Ice Machines	10	1,217	0.17	0.81	\$355	\$300	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Induction Warmer/Rethermalizer Well	15	400	0.05	0.81	\$500	\$125	-	Mfg Data	MA TRM	MA TRM
C&I	Core Utility	Prescriptive / Custom	Refrigerated Case Cover	5	857	-	0.93	\$122	\$125	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Steam Cookers	12	2,441	0.51	0.81	\$2,719	\$450	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Strip Curtains	4	12,407	1.42	0.93	\$249	\$200	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Auto Milker Takeoff	10	34	-	0.95	\$0	\$75	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Custom - Agricultural	15	9,842	1.12	0.95	\$2,165	\$3,149	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Dairy Refrigeration Tune-Up	1	181	-	0.95	\$23,421	\$175	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Dairy Scroll Compressor	4	1,188	0.14	0.95	\$581	\$550	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Dairy Vac Pump VSD Controls	15	8,023	0.73	0.95	\$6,179	\$1,750	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Engine Block Heater Timer	15	738	-	0.95	\$27	\$25	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	HE Ventilation Fans	15	1,629	0.35	0.95	\$181	\$75	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Heat Reclaimers	14	66	0.02	0.95	\$268	\$250	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	High Volume Low Speed Fans	15	895	0.14	0.95	\$62	\$500	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Livestock Waterer	10	460	-	0.95	\$675	\$450	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Low Pressure Irrigation	5	3	0.01	0.95	\$7	\$100	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Process Lighting - Agricultural	12	4,053	0.93	0.53	\$44	\$1,216	-	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Prescriptive / Custom	Custom - Compressed Air	13	84,935	9.70	0.77	\$16,987	\$27,179	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Custom - HVAC Eqp & Controls	15	4,352	2.70	0.82	\$1,369	\$1,393	1,182.50	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Custom - Process Improvement	15	133,250	15.21	0.77	\$45,305	\$42,640	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Custom - Refrigeration	15	9,885	1.13	0.77	\$5,041	\$3,163	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Custom - Data Processing Eqpmnt/Servers	13	2,896	0.38	0.77	\$985	\$927	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Custom - Motors	15	1,262	0.23	0.77	\$353	\$404	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Custom - VFDs < 10HP	15	5,979	1.12	0.65	\$2,243	\$1,913	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Custom - VFDs > 10 HP	15	89,689	16.92	0.65	\$8,532	\$28,700	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Custom - Office Electronics/Systems/Cntrl	4	2,200	0.25	0.77	\$1,000	\$704	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Prescriptive / Custom	Audit & Education - C&I	0	-	-	-	\$0	\$15,000	-	N/A	N/A	N/A
C&I	Core Utility	Energy Solutions	Virtual / Monitor Based RCx	15	32,595	3.72	0.75	\$9,778	\$14,668	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Energy Solutions	Retrocommissioning	8	398,714	91.03	0.75	\$0	\$239,229	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Energy Solutions	Building Operation Training	9	48,200	1.95	0.95	\$2,500	\$1,000	725.00	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Energy Solutions	Audit & Education - Rtrcom - C&I	0	-	-	-	\$0	\$15,000	-	N/A	N/A	N/A
C&I	Core Utility	Energy Solutions	Building Tune Up Large	15	137,286	43.57	0.75	\$21,966	\$82,371	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Energy Solutions	Building Tune Up Small	15	68,643	21.79	0.75	\$10,983	\$41,186	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Energy Solutions	HVAC Maintenance	5	414	0.23	0.75	\$175	\$400	-	Co Assumption	Co Assumption	Co Assumption
C&I	Core Utility	Energy Solutions	Audit & Education - BTUP - C&I	0	-	-	-	\$0	\$15,000	-	N/A	N/A	N/A
C&I	Core Utility	Energy Solutions	Strategic Energy Management	0	-	-	0.75	\$0	\$0	-	N/A	N/A	N/A
C&I	Core Utility	Energy Solutions	Virtual Strategic Energy Management	3	120,000	-	0.75	\$50,000	\$54,000	-	Vendor	Industry Stndrd	Vendor
C&I	Core Utility	Energy Solutions	ESB - Engineered Solutions - 1	18	210,193	29.77	0.90	\$301,208	\$136,625	27,619.10	EE Consultant	EE Consultant	EE Consultant
C&I	Core Utility	Energy Solutions	ESB - Engineered Solutions - 2	17	119,415	17.83	0.90	\$135,645	\$77,620	12,663.34	EE Consultant	EE Consultant	EE Consultant
Residential - DR	Additional Utility	Load Optimization & PDR	Load Control	1	-	0.85	1.00	\$0	\$121	-	Vendor	Industry Stndrd	Vendor
C&I - DR	Additional Utility	Load Optimization & PDR	Load Control	1	-	0.85	1.00	\$0	\$121	-	Vendor	Industry Stndrd	Vendor

Appendix J, Table J-2: Measure Assumptions													
Sector	Program Type	Program	Measure	Measure Life	Verified kWh	Verified kW	NTG	Incremental Cost	Modeled Rebate	Gas Savings (Therms/Yr)	Source of Savings	Source of Measure Life	Source of Inc Cost
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF Cooking to Induction Cooking (Cooktop, Wok, Stock Pot)	16	-	-	0.67	\$1,521	\$500	-	EE Consultant	EE Consultant	EE Consultant
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to ASHP	15	-	-	0.71	\$638	\$10,000	-	EE Consultant	EE Consultant	EE Consultant
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to Geothermal Heat Pump	25	-	-	0.67	\$4,243	\$16,734	-	EE Consultant	EE Consultant	EE Consultant
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF DHW to HPWH	10	-	-	0.78	\$778	\$750	-	EE Consultant	EE Consultant	EE Consultant
Residential-BD	Additional Utility	Building Decarbonization - Rebate	Wiring Upgrade (Service, Panel, Circuits etc.)	0	-	-	-	\$0	\$6,500	-	N/A	N/A	N/A
Residential-BD	Additional Utility	Building Decarbonization - Rebate	Efficient Electric Conversion	0	-	-	0.50	\$0	\$100,000	-	N/A	N/A	N/A
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF Clothes Dryer to HP Clothes Dryer	12	-	-	0.58	\$652	\$400	-	EE Consultant	EE Consultant	EE Consultant
C&I - BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to ASHP	15	-	-	0.83	\$651	\$11,156	-	EE Consultant	EE Consultant	EE Consultant
C&I - BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to Geothermal Heat Pump	15	-	-	0.83	\$1,414	\$16,734	-	EE Consultant	EE Consultant	EE Consultant
C&I - BD	Additional Utility	Building Decarbonization - Rebate	FF DHW to HPWH	10	-	-	0.71	\$1,285	\$2,000	-	EE Consultant	EE Consultant	EE Consultant
C&I - BD	Additional Utility	Building Decarbonization - Rebate	Wiring Upgrade (Service, Panel, Circuits etc.)	0	-	-	-	\$0	\$6,500	-	N/A	N/A	N/A
C&I - BD	Additional Utility	Building Decarbonization - Rebate	Efficient Electric Conversion	0	-	-	0.50	\$0	\$100,000	-	N/A	N/A	N/A
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	FF Cooking to Induction Cooking (Cooktop, Wok, Stock Pot)	16	-	-	0.67	\$1,521	\$500	-	EE Consultant	EE Consultant	EE Consultant
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to ASHP	15	-	-	0.83	\$651	\$11,156	-	EE Consultant	EE Consultant	EE Consultant
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	FF DHW to HPWH	10	-	-	0.71	\$1,285	\$2,000	-	EE Consultant	EE Consultant	EE Consultant
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	Wiring Upgrade (Service, Panel, Circuits etc.)	0	-	-	-	\$0	\$6,500	-	N/A	N/A	N/A
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	Efficient Electric Conversion	0	-	-	0.50	\$0	\$100,000	-	N/A	N/A	N/A
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	FF Clothes Dryer to HP Clothes Dryer	12	-	-	0.58	\$652	\$400	-	EE Consultant	EE Consultant	EE Consultant
Other	Additional Utility	CVR	CVR	1	17,500,000	3,660.00	1.00	\$0	\$0	-	Co Assumption	Industry Stndrd	Co Assumption

Appendix J, Table J-3: Number of Measures/Participants											
Sector	Program Type	Program	Measure Name	Measures				Participants			
				2025	2026	2027	Total	2025	2026	2027	Total
Residential	Core Utility	Energy Efficient Products	Freezer Recycling	431	806	817	2,053	345	645	653	1,642
Residential	Core Utility	Energy Efficient Products	Refrigerator Recycling	2,157	4,008	4,062	10,228	1,726	3,207	3,250	8,182
Residential	Core Utility	Energy Efficient Products	Room Air Conditioner Recycling	282	532	539	1,352	226	425	431	1,082
Residential	Core Utility	Energy Efficient Products	Dehumidifier Recycling	435	806	817	2,057	348	645	653	1,646
Residential	Core Utility	Energy Efficient Products	Mini Refrigerator Recycling	38	71	73	182	31	57	58	146
Residential	Core Utility	Energy Efficient Products	Clothes Washer	2,134	3,969	4,022	10,125	2,134	3,969	4,022	10,125
Residential	Core Utility	Energy Efficient Products	Refrigerators	4,267	7,938	8,044	20,249	4,267	7,938	8,044	20,249
Residential	Core Utility	Energy Efficient Products	Room Air Conditioner	9,474	17,621	17,858	44,953	9,474	17,621	17,858	44,953
Residential	Core Utility	Energy Efficient Products	Freezers	190	360	410	960	190	360	410	960
Residential	Core Utility	Energy Efficient Products	Clothes Dryer	1,510	2,818	2,856	7,184	1,510	2,818	2,856	7,184
Residential	Core Utility	Energy Efficient Products	Air Purifier / Cleaner	853	1,588	1,608	4,050	853	1,588	1,608	4,050
Residential	Core Utility	Energy Efficient Products	Dehumidifiers	22,617	42,070	42,633	107,320	22,617	42,070	42,633	107,320
Residential	Core Utility	Energy Efficient Products	Water Heater - Heat Pump	350	651	659	1,660	350	651	659	1,660
Residential	Core Utility	Energy Efficient Products	Dishwashers	34	63	65	163	34	63	65	163
Residential	Core Utility	Energy Efficient Products	Water Coolers	879	1,635	1,657	4,171	879	1,635	1,657	4,171
Residential	Core Utility	Energy Efficient Products	Beverage Coolers	713	1,326	1,344	3,382	713	1,326	1,344	3,382
Residential	Core Utility	Energy Efficient Products	Smart Strip Plug Outlets	9,900	18,415	18,661	46,977	9,900	18,415	18,661	46,977
Residential	Core Utility	Energy Efficient Products	TVs	764	1,421	1,440	3,625	764	1,421	1,440	3,625
Residential	Core Utility	Energy Efficient Products	Sound Bars	60	111	112	283	60	111	112	283
Residential	Core Utility	Energy Efficient Products	Smart Home	1	1	1	2	1	1	1	2
Residential	Core Utility	Energy Efficient Products	Residential Occupancy Sensors	171	318	322	810	114	212	215	540
Residential	Core Utility	Energy Efficient Products	LED Holiday Lights	2,142	3,985	4,038	10,165	428	797	808	2,033
Residential	Core Utility	Energy Efficient Products	Ceiling Fans	1,127	2,095	2,123	5,346	1,127	2,095	2,123	5,346
Residential	Core Utility	Energy Efficient Products	Smart Thermostat	17,069	30,164	30,567	77,800	17,069	30,164	30,567	77,800
Residential	Core Utility	Energy Efficient Products	Smart Strip Plug Outlets	299	556	563	1,418	299	556	563	1,418
Residential	Core Utility	Energy Efficient Products	Water Heater - Heat Pump	1	1	1	2	1	1	1	2
Residential	Core Utility	Energy Efficient Products	Air Purifier / Cleaner	2,347	4,207	4,263	10,818	2,347	4,207	4,263	10,818
Residential	Core Utility	Energy Efficient Products	LED Holiday Lights	1	1	1	2	0	0	0	0
Residential	Core Utility	Energy Efficient Products	Dehumidifiers	128	179	181	488	128	179	181	488
Residential	Core Utility	Energy Efficient Products	Residential Occupancy Sensors	21	40	41	102	14	27	27	68
Residential	Core Utility	Energy Efficient Products	Air Source Heat Pumps	128	238	242	608	128	238	242	608
Residential	Core Utility	Energy Efficient Products	Central Air Conditioners	1,942	3,584	3,632	9,157	1,942	3,584	3,632	9,157
Residential	Core Utility	Energy Efficient Products	Ductless Mini-Split Heat Pump	388	718	728	1,835	388	718	728	1,835
Residential	Core Utility	Energy Efficient Products	PTAC	43	75	77	195	43	75	77	195
Residential	Core Utility	Energy Efficient Products	PTHP	60	107	108	275	60	107	108	275
Residential	Core Utility	Energy Efficient Products	Heat Pump - Water & Geothermal	21	36	36	93	21	36	36	93
Residential	Core Utility	Energy Efficient Products	Furnace Fans	38	67	69	175	38	67	69	175
Residential	Core Utility	Energy Efficient Products	Smart Thermostat	853	1,588	1,608	4,050	853	1,588	1,608	4,050
Residential	Core Utility	Energy Efficient Products	HVAC - Tune Up	1	1	1	2	1	1	1	2
Residential	Core Utility	Energy Efficient Products	Circulating Pump	21	40	41	102	21	40	41	102
Residential	Core Utility	Energy Efficient Products	HE Bathroom Fans	2,475	4,604	4,666	11,745	2,475	4,604	4,666	11,745
Residential	Core Utility	Energy Efficient Products	HVAC Quality Install	17	27	28	73	17	27	28	73
Residential	Core Utility	Energy Efficient Products	Cold Climate Air Source Heat Pumps	47	83	85	215	47	83	85	215
Residential	Core Utility	Energy Efficient Products	Cold Climate DMSHP	60	107	108	275	60	107	108	275
Residential	Core Utility	Energy Efficient Products	Water Heater - Heat Pump	21	40	41	102	21	40	41	102
Residential	Core Utility	Whole Home	Comprehensive Retrofit	5,335	11,512	11,668	28,515	762	1,645	1,667	4,074
Residential	Core Utility	Whole Home	Home Energy Assessment	236,260	509,780	516,604	1,262,643	23,626	50,978	51,660	126,264
Residential	Core Utility	Income Qualified - MI Wx	MI Weatherization	3,206	6,916	7,014	17,136	458	988	1,002	2,448

Appendix J, Table J-3: Number of Measures/Participants											
Sector	Program Type	Program	Measure Name	Measures				Participants			
				2025	2026	2027	Total	2025	2026	2027	Total
Residential	Core Utility	Behavioral	Behavioral FY25	155,000	-	-	155,000	310,000	-	-	310,000
Residential	Core Utility	Behavioral	Behavioral FY26	-	310,000	-	310,000	-	310,000	-	310,000
Residential	Core Utility	Behavioral	Behavioral FY27	-	-	310,000	310,000	-	-	310,000	310,000
Multifamily	Core Utility	Multifamily	Multifamily	24,500	53,250	54,000	131,750	98	213	216	527
Multifamily	Core Utility	Multifamily	Multifamily - Engnrd Solutions	1,000	2,000	2,000	5,000	4	8	8	20
C&I	Core Utility	Direct Install	Audits w DI - CI - Tier 1	14,209	35,159	35,621	84,989	355	879	891	2,125
C&I	Core Utility	Direct Install	Audits w DI - CI - Tier 2	4,420	10,904	11,028	26,352	88	218	221	527
C&I	Core Utility	Direct Install	Audits w DI - CI - Tier 3	2,577	6,791	6,840	16,208	43	113	114	270
C&I	Core Utility	Prescriptive / Custom	Clothes Dryer - Consumer - C&I	13	25	52	90	13	25	52	90
C&I	Core Utility	Prescriptive / Custom	Clothes Washer - Consumer- C&I	72	135	273	480	72	135	273	480
C&I	Core Utility	Prescriptive / Custom	Dehumidifier - Consumer - C&I	54	101	205	361	54	101	205	361
C&I	Core Utility	Prescriptive / Custom	Freezer - Consumer - C&I	54	101	205	361	54	101	205	361
C&I	Core Utility	Prescriptive / Custom	Refrigerators - Consumer - C&I	54	101	102	258	54	101	102	258
C&I	Core Utility	Prescriptive / Custom	Water Cooler - Consumer - C&I	54	101	102	258	54	101	102	258
C&I	Core Utility	Prescriptive / Custom	Water Heater - Heat Pump - C&I	13	25	26	64	13	25	26	64
C&I	Core Utility	Prescriptive / Custom	Freezer Recycling - C&I	1	1	1	2	1	1	1	2
C&I	Core Utility	Prescriptive / Custom	Refrigerator Recycling - C&I	1	1	1	2	1	1	1	2
C&I	Core Utility	Prescriptive / Custom	Room Air Conditioner Recycling - C&I	1	1	1	2	1	1	1	2
C&I	Core Utility	Prescriptive / Custom	Dehumidifier Recycling - C&I	1	1	1	2	1	1	1	2
C&I	Core Utility	Prescriptive / Custom	Mini Refrigerator Recycling - C&I	1	1	1	2	1	1	1	2
C&I	Core Utility	Prescriptive / Custom	Air Conditioning (>5.4 < 20 Ton) - C&I	575	1,242	1,237	3,055	288	621	619	1,528
C&I	Core Utility	Prescriptive / Custom	Air Conditioning (<=5.4 Ton) - C&I	42	93	93	229	21	47	47	114
C&I	Core Utility	Prescriptive / Custom	Air Conditioning (>=20 Ton) - C&I	27	57	57	141	14	28	29	71
C&I	Core Utility	Prescriptive / Custom	Circulating Pump - C&I	553	1,192	1,208	2,953	276	596	604	1,476
C&I	Core Utility	Prescriptive / Custom	DMS Heat Pump - C&I	81	181	184	446	41	91	92	223
C&I	Core Utility	Prescriptive / Custom	Ductless Mini-Split A/C - C&I	3	7	7	17	2	3	3	8
C&I	Core Utility	Prescriptive / Custom	Furnace Fans - C&I	9	18	19	47	5	9	10	23
C&I	Core Utility	Prescriptive / Custom	Heat Pump C&I (<=5.4 Ton, 1 Ph)	9	18	19	47	5	9	10	23
C&I	Core Utility	Prescriptive / Custom	Heat Pumps - Wtr & GeoT - C&I	13	32	32	78	7	16	16	39
C&I	Core Utility	Prescriptive / Custom	PTAC - C&I	37	84	86	206	18	42	43	103
C&I	Core Utility	Prescriptive / Custom	PTHP - C&I	7	17	17	42	4	8	9	21
C&I	Core Utility	Prescriptive / Custom	Rm Air Condnr, Consumer - C&I	27	56	57	140	14	28	28	70
C&I	Core Utility	Prescriptive / Custom	Smart Thermostat - C&I	725	1,609	1,631	3,965	362	804	816	1,983
C&I	Core Utility	Prescriptive / Custom	Heat Pump - Cold Climate C&I (<=5.4 Ton, 1 Ph)	2	6	6	14	1	3	3	7
C&I	Core Utility	Prescriptive / Custom	Heat Pump C&I (<=5.4 Ton, 3 Ph)	1	2	2	6	0	1	1	3
C&I	Core Utility	Prescriptive / Custom	Cold Climate DMS Heat Pump - C&I	2	6	6	14	1	3	3	7
C&I	Core Utility	Prescriptive / Custom	Exit Signs	675	1,197	1,213	3,084	5	9	9	22
C&I	Core Utility	Prescriptive / Custom	LED Fixture External	4,502	8,021	8,128	20,650	32	57	58	148
C&I	Core Utility	Prescriptive / Custom	LED Fixture Internal	684	1,218	1,234	3,136	5	9	9	22
C&I	Core Utility	Prescriptive / Custom	LED Linear	145,934	259,779	263,255	668,969	1,042	1,856	1,880	4,778
C&I	Core Utility	Prescriptive / Custom	LED Reach in Refrig/Frzd Lights	4,566	8,130	8,239	20,935	33	58	59	150
C&I	Core Utility	Prescriptive / Custom	Lighting - Custom	1	1	1	2	1	1	1	2
C&I	Core Utility	Prescriptive / Custom	Lighting - Other	1	1	1	2	1	1	1	2
C&I	Core Utility	Prescriptive / Custom	Lighting Controls (Daylight & Occupancy)	7,854	14,028	14,215	36,097	56	100	102	258
C&I	Core Utility	Prescriptive / Custom	Lighting Controls (Network)	168	295	298	761	1	2	2	5
C&I	Core Utility	Prescriptive / Custom	Linear Lamps - Mntnce-C&I	38,952	69,274	70,201	178,428	278	495	501	1,274
C&I	Core Utility	Prescriptive / Custom	High/Low Bays Lamps - Mntnce-C&I	1,477	2,629	2,664	6,769	11	19	19	48
C&I	Core Utility	Prescriptive / Custom	LED Fixture - Mntnce-C&I	2,433	4,331	4,388	11,151	17	31	31	80
C&I	Core Utility	Prescriptive / Custom	Street & Area Lighting (Cust Owned)	272	485	490	1,247	2	3	4	9
C&I	Core Utility	Prescriptive / Custom	LED to LED Conversion	38,952	68,831	69,753	177,537	278	492	498	1,268
C&I	Core Utility	Prescriptive / Custom	Anti Sweat Heater Controls	29	63	64	156	6	13	13	31
C&I	Core Utility	Prescriptive / Custom	Beverage Vending Machine - Controls	11	23	24	58	11	23	24	58

Appendix J, Table J-3: Number of Measures/Participants											
Sector	Program Type	Program	Measure Name	Measures				Participants			
				2025	2026	2027	Total	2025	2026	2027	Total
C&I	Core Utility	Prescriptive / Custom	Coffee Brewers	3	7	7	18	3	7	7	18
C&I	Core Utility	Prescriptive / Custom	Combination Oven	6	12	12	29	6	12	12	29
C&I	Core Utility	Prescriptive / Custom	Convection Oven	4	10	10	24	4	10	10	24
C&I	Core Utility	Prescriptive / Custom	Dishwasher - C&I	1	2	2	6	1	2	2	6
C&I	Core Utility	Prescriptive / Custom	Commercial Refrigerator - C&I	71	151	154	376	71	151	154	376
C&I	Core Utility	Prescriptive / Custom	Commercial Freezer - C&I	23	51	52	125	23	51	52	125
C&I	Core Utility	Prescriptive / Custom	Fryers	9	20	21	50	9	20	21	50
C&I	Core Utility	Prescriptive / Custom	Griddles	7	13	14	34	7	13	14	34
C&I	Core Utility	Prescriptive / Custom	Hot Food Holding Cabinet	9	20	21	50	9	20	21	50
C&I	Core Utility	Prescriptive / Custom	Ice Machines	11	22	23	57	11	22	23	57
C&I	Core Utility	Prescriptive / Custom	Induction Warmer/Rethermalizer Well	11	23	24	58	11	23	24	58
C&I	Core Utility	Prescriptive / Custom	Refrigerated Case Cover	227	505	512	1,244	45	101	102	249
C&I	Core Utility	Prescriptive / Custom	Steam Cookers	7	17	17	42	7	17	17	42
C&I	Core Utility	Prescriptive / Custom	Strip Curtains	317	691	700	1,708	317	691	700	1,708
C&I	Core Utility	Prescriptive / Custom	Auto Milker Takeoff	159	346	350	854	32	69	70	171
C&I	Core Utility	Prescriptive / Custom	Custom - Agricultural	1	2	2	4	1	2	2	4
C&I	Core Utility	Prescriptive / Custom	Dairy Refrigeration Tune-Up	2	5	5	12	2	5	5	12
C&I	Core Utility	Prescriptive / Custom	Dairy Scroll Compressor	2	7	7	16	2	7	7	16
C&I	Core Utility	Prescriptive / Custom	Dairy Vac Pump VSD Controls	2	5	5	12	2	5	5	12
C&I	Core Utility	Prescriptive / Custom	Engine Block Heater Timer	3	8	8	20	2	4	4	10
C&I	Core Utility	Prescriptive / Custom	HE Ventilation Fans	12	26	27	64	12	26	27	64
C&I	Core Utility	Prescriptive / Custom	Heat Reclaimers	1	2	2	6	1	2	2	6
C&I	Core Utility	Prescriptive / Custom	High Volume Low Speed Fans	2	5	5	12	2	5	5	12
C&I	Core Utility	Prescriptive / Custom	Livestock Waterer	2	5	5	12	0	1	1	2
C&I	Core Utility	Prescriptive / Custom	Low Pressure Irrigation	1	2	2	6	0	0	0	1
C&I	Core Utility	Prescriptive / Custom	Process Lighting - Agricultural	1,708	3,812	3,863	9,383	12	27	28	67
C&I	Core Utility	Prescriptive / Custom	Custom - Compressed Air	4	10	10	24	3	8	8	19
C&I	Core Utility	Prescriptive / Custom	Custom - HVAC Eqp & Controls	18	39	39	96	15	31	31	77
C&I	Core Utility	Prescriptive / Custom	Custom - Process Improvement	13	30	31	74	11	24	25	59
C&I	Core Utility	Prescriptive / Custom	Custom - Refrigeration	13	30	31	74	11	24	25	59
C&I	Core Utility	Prescriptive / Custom	Custom - Data Processing Eqpmnt/Servers	42	91	92	225	21	45	46	113
C&I	Core Utility	Prescriptive / Custom	Custom - Motors	19	41	42	101	10	20	21	51
C&I	Core Utility	Prescriptive / Custom	Custom - VFDs < 10HP	47	101	102	250	16	34	34	83
C&I	Core Utility	Prescriptive / Custom	Custom - VFDs > 10 HP	10	22	23	56	5	11	12	28
C&I	Core Utility	Prescriptive / Custom	Custom - Office Electronics/Systems/Cntrl	2	5	5	12	1	3	3	8
C&I	Core Utility	Prescriptive / Custom	Audit & Education - C&I	37	75	75	187	37	75	75	187
C&I	Core Utility	Energy Solutions	Virtual / Monitor Based RCx	46	115	116	276	46	115	116	276
C&I	Core Utility	Energy Solutions	Retrocommissioning	28	72	74	173	28	72	74	173
C&I	Core Utility	Energy Solutions	Building Operation Training	96	212	215	523	48	106	108	262
C&I	Core Utility	Energy Solutions	Audit & Education - Rtrcom - C&I	38	75	75	188	38	75	75	188
C&I	Core Utility	Energy Solutions	Building Tune Up Large	3,399	6,564	6,622	16,585	49	94	95	237
C&I	Core Utility	Energy Solutions	Building Tune Up Small	6,865	12,725	12,935	32,525	137	255	259	651
C&I	Core Utility	Energy Solutions	HVAC Maintenance	337	624	632	1,593	84	156	158	398
C&I	Core Utility	Energy Solutions	Audit & Education - BTUP - C&I	38	75	75	188	38	75	75	188
C&I	Core Utility	Energy Solutions	Strategic Energy Management	-	-	-	-	-	-	-	-
C&I	Core Utility	Energy Solutions	Virtual Strategic Energy Management	9	25	26	60	9	25	26	60
C&I	Core Utility	Energy Solutions	ESB - Engineered Solutions - 1	871	2,344	2,411	5,626	11	29	30	70
C&I	Core Utility	Energy Solutions	ESB - Engineered Solutions - 2	1,005	2,553	2,595	6,153	20	51	52	123
Residential - DR	Additional Utility	Load Optimization & PDR	Load Control	13,475	17,865	22,638	53,978	13,475	17,865	22,638	53,978
C&I - DR	Additional Utility	Load Optimization & PDR	Load Control	-	-	-	-	-	-	-	-

Appendix J, Table J-3: Number of Measures/Participants											
Sector	Program Type	Program	Measure Name	Measures				Participants			
				2025	2026	2027	Total	2025	2026	2027	Total
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF Cooking to Induction Cooking (Cooktop, Wok, Stock Pot)	6	24	24	53	6	24	24	53
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to ASHP	12	48	48	107	12	48	48	107
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to Geothermal Heat Pump	1	5	5	11	1	5	5	11
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF DHW to HPWH	12	48	48	107	12	48	48	107
Residential-BD	Additional Utility	Building Decarbonization - Rebate	Wiring Upgrade (Service, Panel, Circuits etc.)	24	95	95	214	24	95	95	214
Residential-BD	Additional Utility	Building Decarbonization - Rebate	Efficient Electric Conversion	1	1	1	2	1	1	1	2
Residential-BD	Additional Utility	Building Decarbonization - Rebate	FF Clothes Dryer to HP Clothes Dryer	6	24	24	53	6	24	24	53
Residential-BD	Additional Utility	Building Decarbonization - DI	FF Cooking to Induction Cooking (Cooktop, Wok, Stock Pot)	12	48	48	107	12	48	48	107
Residential-BD	Additional Utility	Building Decarbonization - DI	FF Frnce to ASHP	89	356	356	802	89	356	356	802
Residential-BD	Additional Utility	Building Decarbonization - DI	FF Frnce to Geothermal Heat Pump	6	24	24	53	6	24	24	53
Residential-BD	Additional Utility	Building Decarbonization - DI	FF DHW to HPWH	24	95	95	214	24	95	95	214
Residential-BD	Additional Utility	Building Decarbonization - DI	Wiring Upgrade (Service, Panel, Circuits etc.)	89	356	356	802	89	356	356	802
Residential-BD	Additional Utility	Building Decarbonization - DI	Efficient Electric Conversion	1	1	1	2	1	1	1	2
Residential-BD	Additional Utility	Building Decarbonization - DI	FF Clothes Dryer to HP Clothes Dryer	12	48	48	107	12	48	48	107
C&I - BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to ASHP	9	35	35	78	9	35	35	78
C&I - BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to Geothermal Heat Pump	1	5	5	10	1	5	5	10
C&I - BD	Additional Utility	Building Decarbonization - Rebate	FF DHW to HPWH	3	12	12	26	3	12	12	26
C&I - BD	Additional Utility	Building Decarbonization - Rebate	Wiring Upgrade (Service, Panel, Circuits etc.)	9	35	35	78	9	35	35	78
C&I - BD	Additional Utility	Building Decarbonization - Rebate	Efficient Electric Conversion	1	1	1	2	1	1	1	2
C&I - BD	Additional Utility	Building Decarbonization - DI	FF Frnce to ASHP	9	35	35	78	9	35	35	78
C&I - BD	Additional Utility	Building Decarbonization - DI	FF Frnce to Geothermal Heat Pump	1	5	5	10	1	5	5	10
C&I - BD	Additional Utility	Building Decarbonization - DI	FF DHW to HPWH	3	12	12	26	3	12	12	26
C&I - BD	Additional Utility	Building Decarbonization - DI	Wiring Upgrade (Service, Panel, Circuits etc.)	9	35	35	78	9	35	35	78
C&I - BD	Additional Utility	Building Decarbonization - DI	Efficient Electric Conversion	1	1	1	2	1	1	1	2
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	FF Cooking to Induction Cooking (Cooktop, Wok, Stock Pot)	2	6	6	13	2	6	6	13
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	FF Frnce to ASHP	2	6	6	13	2	6	6	13
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	FF DHW to HPWH	6	23	23	52	6	23	23	52
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	Wiring Upgrade (Service, Panel, Circuits etc.)	7	29	29	64	7	29	29	64
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	Efficient Electric Conversion	1	1	1	2	1	1	1	2
Multifamily - BD	Additional Utility	Building Decarbonization - Rebate	FF Clothes Dryer to HP Clothes Dryer	2	6	6	13	2	6	6	13
Multifamily - BD	Additional Utility	Building Decarbonization - DI	FF Cooking to Induction Cooking (Cooktop, Wok, Stock Pot)	2	6	6	13	2	6	6	13
Multifamily - BD	Additional Utility	Building Decarbonization - DI	FF Frnce to ASHP	2	7	7	16	2	7	7	16
Multifamily - BD	Additional Utility	Building Decarbonization - DI	FF DHW to HPWH	6	23	23	52	6	23	23	52
Multifamily - BD	Additional Utility	Building Decarbonization - DI	Wiring Upgrade (Service, Panel, Circuits etc.)	7	29	29	64	7	29	29	64
Multifamily - BD	Additional Utility	Building Decarbonization - DI	Efficient Electric Conversion	1	1	1	2	1	1	1	2
Multifamily - BD	Additional Utility	Building Decarbonization - DI	FF Clothes Dryer to HP Clothes Dryer	2	6	6	13	2	6	6	13
Other	Additional Utility	CVR	CVR	-	-	-	-	-	-	-	-

Program Year 4 ("PY4") is the six month period of January 1, 2025-June 30, 2025 per the October 25 Board Order

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
Residential	Core Utility	Energy Efficient Products	Freezer Recycling	An existing working unit generally older than 10 years. Excludes compact freezers per NJ TRM.
Residential	Core Utility	Energy Efficient Products	Refrigerator Recycling	An existing working unit generally older than 10 years. Excludes compact refrigerators per NJ TRM.
Residential	Core Utility	Energy Efficient Products	Room Air Conditioner Recycling	An existing working unit generally older than 10 years.
Residential	Core Utility	Energy Efficient Products	Dehumidifier Recycling	An existing working unit generally older than 10 years or meeting the requirements of the NJ TRM.
Residential	Core Utility	Energy Efficient Products	Mini Refrigerator Recycling	An existing working compact unit generally older than 10 years
Residential	Core Utility	Energy Efficient Products	Clothes Washer	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	Refrigerators	ENERGY STAR or CEE Tier 2 or Tier 3 specification
Residential	Core Utility	Energy Efficient Products	Room Air Conditioner	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	Freezers	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	Clothes Dryer	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	Air Purifier / Cleaner	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	Dehumidifiers	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	Water Heater - Heat Pump	ENERGY STAR or program specifications
Residential	Core Utility	Energy Efficient Products	Dishwashers	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	Water Coolers	ENERGY STAR
Residential	Core Utility	Energy Efficient Products	Beverage Coolers	ENERGY STAR
Residential	Core Utility	Energy Efficient Products	Smart Strip Plug Outlets	NJ TRM

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
Residential	Core Utility	Energy Efficient Products	TVs	ENERGY STAR
Residential	Core Utility	Energy Efficient Products	Sound Bars	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	Smart Home	ENERGY STAR, NJ EM&V Team
Residential	Core Utility	Energy Efficient Products	Residential Occupancy Sensors	Wall, fixture, or remote-mounted occupancy sensor for interior or common area applications.
Residential	Core Utility	Energy Efficient Products	LED Holiday Lights	LED holiday lights meeting NJ TRM requirements replacing traditional incandescent holiday lights
Residential	Core Utility	Energy Efficient Products	Ceiling Fans	ENERGY STAR
Residential	Core Utility	Energy Efficient Products	Smart Thermostat	ENERGY STAR
Residential	Core Utility	Energy Efficient Products	Smart Strip Plug Outlets	NJ TRM
Residential	Core Utility	Energy Efficient Products	Water Heater - Heat Pump	ENERGY STAR or program specifications
Residential	Core Utility	Energy Efficient Products	Air Purifier / Cleaner	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	LED Holiday Lights	LED holiday lights meeting NJ TRM requirements replacing traditional incandescent holiday lights
Residential	Core Utility	Energy Efficient Products	Dehumidifiers	ENERGY STAR and NJ TRM
Residential	Core Utility	Energy Efficient Products	Residential Occupancy Sensors	Wall, fixture, or remote-mounted occupancy sensor for interior or common area applications.
Residential	Core Utility	Energy Efficient Products	Air Source Heat Pumps	Single Package or Split System central unit that exceeds codes requirements, NJ TRM, or program specifications. Includes variable flow (VRF) systems.
Residential	Core Utility	Energy Efficient Products	Central Air Conditioners	Central Air Conditioner that exceeds code requirements, NJ TRM, or program specifications
Residential	Core Utility	Energy Efficient Products	Ductless Mini-Split Heat Pump	Mini-Split Heat Pump that exceeds code requirements, NJ TRM, or program specifications

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
Residential	Core Utility	Energy Efficient Products	PTAC	PTAC that exceeds code requirements, NJ TRM, or program specifications
Residential	Core Utility	Energy Efficient Products	PTHP	PTHP that exceeds code requirements, NJ TRM, or program specifications
Residential	Core Utility	Energy Efficient Products	Heat Pump - Water & Geothermal	Ground Loop (Geothermal) heat pump that exceeds code requirements, NJ TRM, or program specifications
Residential	Core Utility	Energy Efficient Products	Furnace Fans	Replacement of an existing fan with a brushless permanent magnet (BPM) or electrically commutated motor (ECM), or NJ TRM.
Residential	Core Utility	Energy Efficient Products	Smart Thermostat	ENERGY STAR
Residential	Core Utility	Energy Efficient Products	HVAC - Tune Up	NJ TRM
Residential	Core Utility	Energy Efficient Products	Circulating Pump	A circulating pump in a single-family home space heating application that is driven by a variable speed electronically commutated (EC) high-efficiency brushless DC motor with controls capable of producing flow rates that match system heating requirements.
Residential	Core Utility	Energy Efficient Products	HE Bathroom Fans	NJ TRM
Residential	Core Utility	Energy Efficient Products	HVAC Quality Install	Proper sizing techniques including Manual J calculations, following of ENERGY STAR HVAC Quality Installation procedures, or similar calculations.
Residential	Core Utility	Energy Efficient Products	Cold Climate Air Source Heat Pumps	Single Package or Split System central unit that exceeds codes requirements, NJ TRM, or program specifications. Includes variable flow (VRF) systems.
Residential	Core Utility	Energy Efficient Products	Cold Climate DMSHP	Mini-Split Heat Pump that exceeds code requirements, NJ TRM, or program specifications
Residential	Core Utility	Energy Efficient Products	Water Heater - Heat Pump	ENERGY STAR or program specifications
Residential	Core Utility	Whole Home	Comprehensive Retrofit	In-Home Audit w/ direct install measures which meets requirements of ENERGY STAR and the NJ TRM. Also provides incentive for comprehensive measures including but not limited to: Windows, Duct Sealing, and Wall & Attic Insulation, Smart Thermostats etc.
Residential	Core Utility	Whole Home	Home Energy Assessment	In-Home Audit w/ direct install measures. Eligible to single family home customers.
Residential	Core Utility	Income Qualified - MI Wx	MI Weatherization	In-Home Audit for qualifying customers w/ direct install measures. Also provides incentive for comprehensive measures including but not limited to: Windows, Duct Sealing, and Wall & Attic Insulation, etc.
Residential	Core Utility	Behavioral	Behavioral FY25	Residential customer meeting program requirements
Residential	Core Utility	Behavioral	Behavioral FY26	Residential customer meeting program requirements
Residential	Core Utility	Behavioral	Behavioral FY27	Residential customer meeting program requirements
Multifamily	Core Utility	Multifamily	Multifamily	Provides Whole Building Audit w/ direct install measures which meets requirements of ENERGY STAR and the NJ TRM. Also provides incentive for comprehensive measures including but not limited to: Windows, Duct Sealing, and Wall & Attic Insulation, Smart Thermostats etc.
Multifamily	Core Utility	Multifamily	Multifamily - Engrnd Solutions	Provides tailored energy-efficiency assistance using customized energy solutions to multi-family buildings. Energy efficiency improvements that are eligible include, but not limited to: lighting, HVAC, motors and drives, refrigeration, appliances, bulding shell, etc.
C&I	Core Utility	Direct Install	Audits w DI - CI - Tier 1	Audit w/ direct install measures. Also provides incentive with direct installation of comprehensive measures including measures meeting program specifications, NJ TRM, or evaluation requirements.
C&I	Core Utility	Direct Install	Audits w DI - CI - Tier 2	Audit w/ direct install measures. Also provides incentive with direct installation of comprehensive measures including measures meeting program specifications, NJ TRM, or evaluation requirements.
C&I	Core Utility	Direct Install	Audits w DI - CI - Tier 3	Audit w/ direct install measures. Also provides incentive with direct installation of comprehensive measures including measures meeting program specifications, NJ TRM, or evaluation requirements.

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
C&I	Core Utility	Prescriptive / Custom	Clothes Dryer - Consumer - C&I	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Clothes Washer - Consumer- C&I	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Dehumidifier - Consumer - C&I	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Freezer - Consumer - C&I	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Refrigerators - Consumer - C&I	ENERGY STAR or CEE Tier 2 or Tier 3 specification
C&I	Core Utility	Prescriptive / Custom	Water Cooler - Consumer - C&I	ENERGY STAR
C&I	Core Utility	Prescriptive / Custom	Water Heater - Heat Pump - C&I	ENERGY STAR or program specifications
C&I	Core Utility	Prescriptive / Custom	Freezer Recycling - C&I	An existing working unit generally older than 10 years. Excludes compact freezers per NJ TRM.
C&I	Core Utility	Prescriptive / Custom	Refrigerator Recycling - C&I	An existing working unit generally older than 10 years. Excludes compact refrigerators per NJ TRM.
C&I	Core Utility	Prescriptive / Custom	Room Air Conditioner Recycling - C&I	An existing working unit generally older than 10 years.
C&I	Core Utility	Prescriptive / Custom	Dehumidifier Recycling - C&I	An existing working unit generally older than 10 years or meeting the requirements of the NJ TRM.

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
C&I	Core Utility	Prescriptive / Custom	Mini Refrigerator Recycling - C&I	An existing working compact unit generally older than 10 years
C&I	Core Utility	Prescriptive / Custom	Air Conditioning (>5.4 < 20 Ton) - C&I	Single Package or Split System central unit that exceeds codes requirements, NJ TRM requirements, or program specifications. Includes variable flow (VRF) systems.
C&I	Core Utility	Prescriptive / Custom	Air Conditioning (<=5.4 Ton) - C&I	ENERGY STAR, NJ TRM, or program specifications
C&I	Core Utility	Prescriptive / Custom	Air Conditioning (>=20 Ton) - C&I	Single Package or Split System central unit that exceeds code requirements, NJ TRM requirements or program specifications. Includes variable flow (VRF) systems.
C&I	Core Utility	Prescriptive / Custom	Circulating Pump - C&I	A circulating pump in a space heating application that is driven by a variable speed electronically commutated (EC) high-efficiency brushless DC motor with controls capable of producing flow rates that match system heating requirements.
C&I	Core Utility	Prescriptive / Custom	DMS Heat Pump - C&I	Mini-Split Heat Pump that exceeds code requirements, NJ TRM, or program specifications
C&I	Core Utility	Prescriptive / Custom	Ductless Mini-Split A/C - C&I	Mini-Split A/C Unit that exceeds code requirements, NJ TRM, or program specifications
C&I	Core Utility	Prescriptive / Custom	Furnace Fans - C&I	Replacement of an existing fan with a brushless permanent magnet (BPM) or electrically commutated motor (ECM).
C&I	Core Utility	Prescriptive / Custom	Heat Pump C&I (<=5.4 Ton, 1 Ph)	ENERGY STAR, NJ TRM, or program specifications
C&I	Core Utility	Prescriptive / Custom	Heat Pumps - Wtr & GeoT - C&I	Ground water source or ground source heat pump system that meets or exceeds code requirments, NJ TRM, or program specifications.
C&I	Core Utility	Prescriptive / Custom	PTAC - C&I	PTAC that exceeds code requirements, NJ TRM, or program specifications
C&I	Core Utility	Prescriptive / Custom	PTHP - C&I	PTHP that exceeds code requirements, NJ TRM, or program specifications
C&I	Core Utility	Prescriptive / Custom	Rm Air Condnr, Consumer - C&I	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Smart Thermostat - C&I	ENERGY STAR
C&I	Core Utility	Prescriptive / Custom	Heat Pump - Cold Climate C&I (<=5.4 Ton, 1 Ph)	ENERGY STAR, NJ TRM, or program specifications
C&I	Core Utility	Prescriptive / Custom	Heat Pump C&I (<=5.4 Ton, 3 Ph)	ENERGY STAR, NJ TRM or program specifications
C&I	Core Utility	Prescriptive / Custom	Cold Climate DMS Heat Pump - C&I	Mini-Split Heat Pump that exceeds code requirements, NJ TRM, or program specifications

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
C&I	Core Utility	Prescriptive / Custom	Exit Signs	ENERGY STAR, Design Lights Consortium (DLC) listed or NJ TRM
C&I	Core Utility	Prescriptive / Custom	LED Fixture External	ENERGY STAR, Design Lights Consortium (DLC) listed or NJ TRM
C&I	Core Utility	Prescriptive / Custom	LED Fixture Internal	ENERGY STAR, Design Lights Consortium (DLC) listed or NJ TRM
C&I	Core Utility	Prescriptive / Custom	LED Linear	ENERGY STAR, Design Lights Consortium (DLC) listed or NJ TRM
C&I	Core Utility	Prescriptive / Custom	LED Reach in Refrig/Frzzr Lights	ENERGY STAR, Design Lights Consortium (DLC) listed or NJ TRM
C&I	Core Utility	Prescriptive / Custom	Lighting - Custom	Installation of lighting equipment to a higher efficiency than existing or designed meeting program requirements. Requires pre-approval by the program.
C&I	Core Utility	Prescriptive / Custom	Lighting - Other	ENERGY STAR, DLC, NJ TRM, or program specification
C&I	Core Utility	Prescriptive / Custom	Lighting Controls (Daylight & Occupancy)	Non-networked lighting controls including, but not limited to: daylight On/Off, dimming, occupancy sensors (wall plate, remote & fixture mounted), time clocks and switching controls.
C&I	Core Utility	Prescriptive / Custom	Lighting Controls (Network)	New installation of a networked lighting control system by applying, but not limited to: occupancy sensors, photo sensors, and dimming controls where the system must dim or turn off individual fixtures based on local occupancy and/or light levels. The control system must include luminaire-level lighting control (LLLC) that can switch lights on and off based on occupancy and is capable of full-range dimming based on local light levels.
C&I	Core Utility	Prescriptive / Custom	Linear Lamps - Mntnce-C&I	ENERGY STAR, Design Lights Consortium (DLC) listed or NJ TRM
C&I	Core Utility	Prescriptive / Custom	High/Low Bays Lamps - Mntnce-C&I	ENERGY STAR, Design Lights Consortium (DLC) listed or NJ TRM
C&I	Core Utility	Prescriptive / Custom	LED Fixture - Mntnce-C&I	ENERGY STAR, Design Lights Consortium (DLC) listed or NJ TRM
C&I	Core Utility	Prescriptive / Custom	Street & Area Lighting (Cust Owned)	ENERGY STAR, Design Lights Consortium (DLC) listed or NJ TRM
C&I	Core Utility	Prescriptive / Custom	LED to LED Conversion	Replacement of linear LED lighting equipment to a higher efficiency linear LED lighting equipment. ENERGY STAR, DLC, or NJ TRM.
C&I	Core Utility	Prescriptive / Custom	Anti Sweat Heater Controls	Installation of door heater controls on commercial glass door refrigerators, coolers or freezers utilizing either ON/OFF or micro pulse controls in place of no controls.
C&I	Core Utility	Prescriptive / Custom	Beverage Vending Machine - Controls	NJ TRM
C&I	Core Utility	Prescriptive / Custom	Coffee Brewers	Replacement or new installation of an Energy Star Type II small, medium or large coffee brewer.

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
C&I	Core Utility	Prescriptive / Custom	Combination Oven	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Convection Oven	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Dishwasher - C&I	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Commercial Refrigerator - C&I	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Commercial Freezer - C&I	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Fryers	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Griddles	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Hot Food Holding Cabinet	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Ice Machines	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Induction Warmer/Rethernalizer Well	Replacement or new installation of an energy efficient Rethernalizer & Food Warmers.
C&I	Core Utility	Prescriptive / Custom	Refrigerated Case Cover	NJ TRM
C&I	Core Utility	Prescriptive / Custom	Steam Cookers	ENERGY STAR and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Strip Curtains	Replacement or new installation of polyethylene strip curtains (minimum of .06 in thick) on walk in freezers and coolers covering the entire door fame. Eligible units must be open a least 2.5 hrs./day.
C&I	Core Utility	Prescriptive / Custom	Auto Milker Takeoff	Installation of a new automatic milker takeoffs to replace pre-existing manual takeoffs on dairy milking vacuum pump systems equipped with a variable speed drive (VSD).
C&I	Core Utility	Prescriptive / Custom	Custom - Agricultural	Replacement or retrofit of existing agricultural growing/harvesting type equipment or process changes or enhancements that results in electric energy savings. Grow house/indoor agriculture process also qualify under this measure.
C&I	Core Utility	Prescriptive / Custom	Dairy Refrigeration Tune-Up	Inspection and tune up of refrigeration equipment associated with a commercial-grade dairy farm facility by a U.S. EPA 608 Certified Service Provider, NJ TRM
C&I	Core Utility	Prescriptive / Custom	Dairy Scroll Compressor	Replacement of a reciprocating compressor with a scroll compressor for milk cooling
C&I	Core Utility	Prescriptive / Custom	Dairy Vac Pump VSD Controls	VFD and controls on dairy vacuum pumps, or dairy vacuum pumps with variable speed capability. Pre-existing pumps with VSD's are not eligible for this measure.
C&I	Core Utility	Prescriptive / Custom	Engine Block Heater Timer	Engine block heater timer on existing farm equipment.
C&I	Core Utility	Prescriptive / Custom	HE Ventilation Fans	High speed, high efficiency ventilation fans installed in agricultural applications.
C&I	Core Utility	Prescriptive / Custom	Heat Reclaimers	Heat reclaim units on dairy parlor milk refrigeration systems. Addition of heat reclaimer on new milk refrigeration system also qualifies under this measure.
C&I	Core Utility	Prescriptive / Custom	High Volume Low Speed Fans	High Volume Low Speed (HVLS) fans meeting program requirements, or NJ TRM
C&I	Core Utility	Prescriptive / Custom	Livestock Waterer	Energy efficient livestock waterer that is thermostatically controlled and has a minimum of two inches of factory-installed insulation.

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
C&I	Core Utility	Prescriptive / Custom	Low Pressure Irrigation	Low-pressure irrigation system in agriculture applications with a minimum of 50% reduction in pumping pressure.
C&I	Core Utility	Prescriptive / Custom	Process Lighting - Agricultural	Installation of new or replacement of lighting equipment to a higher efficiency than existing or designed for agriculture grow processes. Requires pre-approval by the program.
C&I	Core Utility	Prescriptive / Custom	Custom - Compressed Air	New installation of new or replacement or retrofit of existing air compressor systems, including but no limited to: new compressors, air dryers, or increased storage capacity. Other efficiency measures such as: leak repair, controls, high efficiency nozzles, piping enhancements, and no loss drains are also eligible. Retrofit of compressor with a VFD is also eligible.
C&I	Core Utility	Prescriptive / Custom	Custom - HVAC Eqp & Controls	New or retrofit of HVAC controls/controllers that optimizes ventilation and economization control schemes of a building's HVAC system based on occupancy or sensor level inputs.
C&I	Core Utility	Prescriptive / Custom	Custom - Process Improvement	Replacement or retrofit of existing equipment, process changes or process enhancements that results in more energy efficient usage or electric energy.
C&I	Core Utility	Prescriptive / Custom	Custom - Refrigeration	New or retrofit of refrigeration measures on commercial walk-in refrigerators and coolers, including, but not limited to: high efficiency fan motors, evaporator fan controllers, floating head pressure controls, evaporator coil defrost controls and variable speed compressor motors.
C&I	Core Utility	Prescriptive / Custom	Custom - Data Processing Eqpmt/Servers	New or retrofit of existing data processing equipment or servers that result in the more efficient use of electric energy.
C&I	Core Utility	Prescriptive / Custom	Custom - Motors	New premium efficiency motor as a direct replacement or early replacement.
C&I	Core Utility	Prescriptive / Custom	Custom - VFDs < 10HP	New VFD for an existing motor (less than 10 hp) driving fans, pumps and other suitable applications. VFD retrofits are not eligible, and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Custom - VFDs > 10 HP	New VFD for an existing motor (greater than 10 hp but less than or equal to 50 HP) driving fans, pumps and other suitable applications. VFD retrofits are not eligible, and NJ TRM
C&I	Core Utility	Prescriptive / Custom	Custom - Office Electronics/Systems/Cntrl	ENERGY STAR and NJ TRM

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
C&I	Core Utility	Prescriptive / Custom	Audit & Education - C&I	Comprehensive Energy Audit for facilities or manufacturing processes recommending installation of efficient equipment, building shell/envelop improvements, process improvements, building operating changes, or other energy efficiency improvements. Audit must meet minimum audit requirements for buildings or for process equipment.
C&I	Core Utility	Energy Solutions	Virtual / Monitor Based RCx	Virtual assessment and engagement of energy usage performance using meter data, remote analytics and building modeling to determine and report energy saving strategies and opportunities for setting, upgrading and/or replacement of building operations, systems and equipment.
C&I	Core Utility	Energy Solutions	Retrocommissioning	Adjusting electrical, electro-mechanical, mechanical and control system set points to improve system performance to existing building conditions and use, including the implementation of energy savings measures identified through building operations training.
C&I	Core Utility	Energy Solutions	Building Operation Training	Obtain Building Operations Certification (BOC) by attending a certified training program or other training programs as related to the efficient design, operations and maintenance of buildings.
C&I	Core Utility	Energy Solutions	Audit & Education - Rtrcom - C&I	Comprehensive Energy Audit for facilities or manufacturing processes recommending installation of efficient equipment, building shell/envelop improvements, process improvements, building operating changes, or other energy efficiency improvements. Audit must meet minimum audit requirements for buildings or for process equipment.
C&I	Core Utility	Energy Solutions	Building Tune Up Large	Portfolio of measures and services that focus on the adjustment, maintenance and improvement of building systems to achieve maximum operating efficiency, including the installation of energy efficiency measures.
C&I	Core Utility	Energy Solutions	Building Tune Up Small	Portfolio of measures and services that focus on the adjustment, maintenance and improvement of building systems to achieve maximum operating efficiency, including the installation of energy efficiency measures.
C&I	Core Utility	Energy Solutions	HVAC Maintenance	Provides for tune-up of commercial HVAC unit following NJ TRM guidelines.
C&I	Core Utility	Energy Solutions	Audit & Education - BTUP - C&I	Comprehensive Energy Audit for facilities or manufacturing processes recommending installation of efficient equipment, building shell/envelop improvements, process improvements, building operating changes, or other energy efficiency improvements. Audit must meet minimum audit requirements for buildings or for process equipment.
C&I	Core Utility	Energy Solutions	Strategic Energy Management	Assessment of energy usage performance over time, using meter data, analytics and building modeling, including ongoing direct customer engagement and reporting, to support ongoing energy saving strategies and initiatives involving building operations, systems and equipment.
C&I	Core Utility	Energy Solutions	Virtual Strategic Energy Management	Virtual assessment of energy usage performance over time, using meter data, remote analytics and building modeling, including virtual customer engagement and reporting, to support ongoing energy saving strategies and initiatives involving building operations, systems and equipment.
C&I	Core Utility	Energy Solutions	ESB - Engineered Solutions - 1	Provides tailored comprehensive energy-efficiency assistance using customized energy solutions to customers. Energy efficiency improvements that are eligible include, but not limited to: lighting, HVAC, motors and drives, refrigeration, appliances, building shell, building systems etc.
C&I	Core Utility	Energy Solutions	ESB - Engineered Solutions - 2	Provides tailored energy-efficiency assistance using customized energy solutions to customers. Energy efficiency improvements that are eligible include, but not limited to: lighting, HVAC, motors and drives, refrigeration, appliances, building shell, building systems etc.
Residential - DR	Additional Utility	Load Optimization & PDR	Load Control	Direct control of a residential customer's smart thermostat, or other in home connected devices meeting program requirements to reduce energy consumption, optimize energy usage and control peak demand.
C&I - DR	Additional Utility	Load Optimization & PDR	Load Control	Direct control of a business customer's smart thermostat, or other connected devices meeting program requirements to reduce energy consumption, optimize energy usage and control peak demand.
Residential-BD	Additional Utility	Building Decarbonization	FF Cooking to Induction Cooking (Cooktop, Wok, Stock Pot)	Induction cooking equipment meeting program specification, replacing a fossil unit.
Residential-BD	Additional Utility	Building Decarbonization	FF Frnce to ASHP	ASHP that exceeds code requirements, NJ TRM, or program specifications, replacing a fossil fuel furnace.

Appendix J, Table J-4: Measure Eligibility				
Sector	Program Type	Program	Measure Name	Energy Efficiency Eligibility / Description
Residential-BD	Additional Utility	Building Decarbonization	FF Frnce to Geothermal Heat Pump	Ground Loop (Geothermal) and air-to-water heat pump that exceeds code requirements, NJ TRM or program specifications, replacing a fossil fuel furnace
Residential-BD	Additional Utility	Building Decarbonization	FF DHW to HPWH	ENERGY STAR or Program Specification Heat Pump Water Heater replacing an existing fossil fuel water heater
Residential-BD	Additional Utility	Building Decarbonization	Wiring Upgrade (Service, Panel, Circuits etc.)	Program specification for incentive
Residential-BD	Additional Utility	Building Decarbonization	Efficient Electric Conversion	Program specification for incentive
Residential-BD	Additional Utility	Building Decarbonization	FF Clothes Dryer to HP Clothes Dryer	Purchase and installation of a electric clothes dryer meeting or exceeding ENERGY STAR specifications and NJ TRM requirements replacing a fossil fuel clothes dryer.
C&I - BD	Additional Utility	Building Decarbonization	FF Frnce to ASHP	ASHP that exceeds code requirements, NJ TRM, or program specifications, replacing a fossil fuel furnace.
C&I - BD	Additional Utility	Building Decarbonization	FF Frnce to Geothermal Heat Pump	Ground Loop (Geothermal) and air-to-water heat pump that exceeds code requirements, NJ TRM or program specifications, replacing a fossil fuel furnace
C&I - BD	Additional Utility	Building Decarbonization	FF DHW to HPWH	ENERGY STAR or Program Specification Heat Pump Water Heater replacing an existing fossil fuel water heater
C&I - BD	Additional Utility	Building Decarbonization	Wiring Upgrade (Service, Panel, Circuits etc.)	Program specification for incentive
C&I - BD	Additional Utility	Building Decarbonization	Efficient Electric Conversion	Program specification for incentive
Multifamily - BD	Additional Utility	Building Decarbonization	FF Cooking to Induction Cooking (Cooktop, Wok, Stock Pot)	Induction cooking equipment meeting program specification, replacing a fossil unit.
Multifamily - BD	Additional Utility	Building Decarbonization	FF Frnce to ASHP	ASHP that exceeds code requirements, NJ TRM, or program specifications, replacing a fossil fuel furnace.
Multifamily - BD	Additional Utility	Building Decarbonization	FF DHW to HPWH	ENERGY STAR or Program Specification Heat Pump Water Heater replacing an existing fossil fuel water heater
Multifamily - BD	Additional Utility	Building Decarbonization	Wiring Upgrade (Service, Panel, Circuits etc.)	Program specification for incentive
Multifamily - BD	Additional Utility	Building Decarbonization	Efficient Electric Conversion	Program specification for incentive
Multifamily - BD	Additional Utility	Building Decarbonization	FF Clothes Dryer to HP Clothes Dryer	Clothes dryer meeting ENERGY STAR and NJ TRM requirements replacing a fossil fuel clothes dryer.
Other	Additional Utility	CVR	CVR	Recalibration of voltage set points for select Company distribution substations and circuits to deliver a lower voltage while meeting all regulatory voltage requirements.

Jersey Central Power & Light
Clean Energy Energy Efficiency Program
Weighted Average Cost of Capital (WACC)

Schedule CAP-1

	Percent	Cost	Weighted Cost	Tax Multiplier	Pre-Tax Weighted Cost	Discount Rate
Long Term Debt	48.10%	4.572%	2.20%	1.00000	2.20%	
Common Equity	<u>51.90%</u>	9.600%	<u>4.98%</u>	1.39101	<u>6.93%</u>	<u>4.98%</u>
Total	100.0%		7.18%		9.13%	6.56%
Monthly WACC			0.598%		0.761%	
Federal and State Income Tax rate		<div>28.11%</div>				

ATTACHMENT 3

Schedule CAP-2

Jersey Central Power & Light
Clean Energy Energy Efficiency Program
Program Expenditures Schedule

Yearly Budget

Program Year	EE&C				
	Customer Incentives	Outside Services	Financing Investments	Total Investments	Total O & M Expense
2025	\$ 77,087,408	\$ 30,974,478	\$ 32,959,003	\$ 141,020,889	\$ 6,403,420
2026	168,028,596	58,166,276	71,460,733	297,655,605	13,246,990
2027	170,872,633	59,031,340	72,268,282	302,172,256	13,442,001
Total	\$ 415,988,638	\$ 148,172,094	\$ 176,688,019	\$ 740,848,751	\$ 33,092,411

* Program years (1/1/25 to 06/30/25); (7/1/25 to 6/30/26); (7/1/26 to 6/30/27)

Investment Month	EE&C				
	Customer Incentives	Outside Services*	Financing Investments	Total Investments	Total O & M Expenses
Jan-25	\$ 12,847,901	\$ 5,162,413	\$ 5,493,167	\$ 23,503,482	\$ 1,067,237
Feb-25	12,847,901	5,162,413	5,493,167	23,503,482	1,067,237
Mar-25	12,847,901	5,162,413	5,493,167	23,503,482	1,067,237
Apr-25	12,847,901	5,162,413	5,493,167	23,503,482	1,067,237
May-25	12,847,901	5,162,413	5,493,167	23,503,482	1,067,237
Jun-25	12,847,901	5,162,413	5,493,167	23,503,482	1,067,237
Jul-25	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Aug-25	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Sep-25	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Oct-25	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Nov-25	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Dec-25	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Jan-26	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Feb-26	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Mar-26	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Apr-26	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
May-26	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Jun-26	14,002,383	4,847,190	5,955,061	24,804,634	1,103,916
Jul-26	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Aug-26	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Sep-26	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Oct-26	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Nov-26	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Dec-26	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Jan-27	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Feb-27	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Mar-27	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Apr-27	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
May-27	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Jun-27	14,239,386	4,919,278	6,022,357	25,181,021	1,120,167
Total	\$ 415,988,638	\$ 148,172,094	\$ 176,688,019	\$ 740,848,751	\$ 33,092,411

Jersey Central Power & Light
Clean Energy Efficiency Program
Electric Revenue Requirements Calculation

ATTACHMENT 4

Schedule CAP-3

Program Investment Amortization		Years		10														
Monthly WACC Effective 7/1/21				0.76081%														
Federal & State Income tax rate				28.11%														
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
Investment Month	Customer Incentives FERC (182)	Outside Services FERC (182)	Total Monthly Investments FERC (182)	Financing Balance Investments FERC (182)	Cumulative Investments FERC (182)	Customer Incentives Amortization FERC (407)	Outside Services Amortization FERC (407)	Accumulated Amortization FERC (407)	Net Investments (1) + (2) + (4) - (8)	Tax Amortization (3) + (4)	Book Amortization Tax Basis (4) + (6) + (7)	Deferred Income Tax FERC (283)	Beginning Accumulated Deferred Income Tax (12) + (13)	Ending Accumulated Income Tax (12) + (14)	Rate Base (9) - (14)	Return Component (15) x WACC	O & M Expenses FERC (923)	Revenue Requirements (FERC 440-444)
Jan-25	\$ 12,847,901	\$ 5,162,413	\$ 18,010,314	\$ 2,746,584	\$ 20,756,898	\$ 107,066	\$ 43,020	\$ 150,086	\$ 20,606,812	\$ 20,756,898	\$ 2,896,670	\$ 5,020,510	\$ -	\$ 5,020,510	\$ 15,586,302	\$ 118,582	\$ 1,067,237	\$ 1,335,905
Feb-25	12,847,901	5,162,413	18,010,314	5,447,391	41,468,019	214,132	86,400	450,258	41,017,762	23,457,705	5,747,563	4,978,321	5,020,510	9,998,831	31,018,930	235,995	1,067,237	1,603,404
Mar-25	12,847,901	5,162,413	18,010,314	8,102,422	62,133,365	321,198	129,060	900,516	61,232,849	26,112,736	8,552,679	4,936,132	9,998,831	14,934,963	46,297,886	352,239	1,067,237	1,869,734
Apr-25	12,847,901	5,162,413	18,010,314	10,711,676	82,752,933	428,263	172,080	1,500,860	81,252,074	28,721,990	11,312,020	4,893,943	14,934,963	19,828,906	61,423,168	467,314	1,067,237	2,134,894
May-25	12,847,901	5,162,413	18,010,314	13,275,154	103,326,726	535,329	215,101	2,251,289	101,075,436	31,285,468	14,025,584	4,851,754	19,828,906	24,680,659	76,394,777	581,219	1,067,237	2,398,886
Jun-25	12,847,901	5,162,413	18,010,314	15,792,856	123,854,742	642,395	258,121	3,151,805	120,702,937	33,803,170	16,693,371	4,809,564	24,680,659	29,490,224	91,212,713	693,955	1,067,237	2,661,708
Jul-25	14,002,383	4,847,190	18,849,573	18,264,781	145,176,240	759,082	298,514	4,209,400	140,966,839	37,114,354	19,322,376	5,001,325	29,490,224	34,491,549	106,475,291	810,075	1,103,916	2,971,586
Aug-25	14,002,383	4,847,190	18,849,573	20,690,930	166,451,961	875,768	338,907	5,424,076	161,027,885	39,540,502	21,905,605	4,957,170	34,491,549	39,448,718	121,579,167	924,987	1,103,916	3,243,578
Sep-25	14,002,383	4,847,190	18,849,573	23,071,302	187,681,966	992,455	379,300	6,795,831	180,886,076	41,920,875	24,443,057	4,913,015	39,448,718	44,361,733	136,524,343	1,038,691	1,103,916	3,514,362
Oct-25	14,002,383	4,847,190	18,849,573	25,405,898	208,866,075	1,109,141	419,694	8,324,666	200,541,409	44,255,471	26,394,733	4,868,859	44,361,733	49,230,592	151,310,817	1,151,188	1,103,916	3,783,939
Nov-25	14,002,383	4,847,190	18,849,573	27,694,718	230,004,467	1,225,828	460,087	10,010,580	219,993,887	46,544,291	29,380,633	4,824,704	49,230,592	54,055,296	165,938,591	1,262,477	1,103,916	4,052,308
Dec-25	14,002,383	4,847,190	18,849,573	29,937,761	251,097,083	1,342,514	500,480	11,853,575	239,243,509	48,787,334	31,780,756	4,780,549	54,055,296	58,835,846	180,407,663	1,372,560	1,103,916	4,319,470
Jan-26	14,002,383	4,847,190	18,849,573	35,343,506	275,352,400	1,459,201	540,873	13,853,649	261,498,752	54,193,078	37,343,580	4,736,394	58,835,846	63,572,240	197,926,512	1,505,845	1,103,916	4,609,835
Feb-26	14,002,383	4,847,190	18,849,573	40,649,999	299,508,466	1,575,887	581,267	16,010,803	283,497,664	59,499,572	42,807,153	4,692,239	63,572,240	68,264,479	215,233,185	1,637,516	1,103,916	4,898,585
Mar-26	14,002,383	4,847,190	18,849,573	45,857,241	323,565,281	1,692,574	621,660	18,325,036	305,240,245	64,706,814	48,171,475	4,648,084	68,264,479	72,912,562	232,327,683	1,767,572	1,103,916	5,185,722
Apr-26	14,002,383	4,847,190	18,849,573	50,965,233	347,522,845	1,809,260	662,053	20,796,350	326,726,496	69,814,805	53,436,546	4,603,929	72,912,562	77,516,491	249,210,005	1,896,015	1,103,916	5,471,244
May-26	14,002,383	4,847,190	18,849,573	55,973,973	371,381,158	1,925,947	702,446	23,424,743	347,956,415	74,823,546	58,602,366	4,559,774	77,516,491	82,076,265	265,880,151	2,022,843	1,103,916	5,757,152
Jun-26	14,002,383	4,847,190	18,849,573	60,883,462	395,140,220	2,042,633	742,840	26,210,216	368,930,004	79,733,035	63,668,935	4,515,618	82,076,265	86,591,883	282,338,121	2,148,057	1,103,916	6,035,446
Jul-26	14,239,386	4,919,278	19,158,664	65,693,701	419,109,123	2,161,295	783,834	29,155,344	389,953,779	84,852,365	68,638,829	4,557,625	86,591,883	91,149,508	298,804,271	2,273,333	1,120,167	6,338,628
Aug-26	14,239,386	4,919,278	19,158,664	70,404,688	442,978,775	2,279,956	824,828	32,260,128	410,718,646	89,563,352	73,509,472	4,512,746	91,149,508	95,662,254	315,056,393	2,396,981	1,120,167	6,621,931
Sep-26	14,239,386	4,919,278	19,158,664	75,016,424	466,749,176	2,398,618	865,822	35,524,568	431,224,607	94,175,089	78,280,864	4,467,867	95,662,254	100,130,120	331,094,487	2,519,000	1,120,167	6,903,606
Oct-26	14,239,386	4,919,278	19,158,664	79,528,909	490,420,325	2,517,280	906,816	38,948,663	451,471,662	98,687,574	82,953,004	4,427,987	100,130,120	104,553,108	346,918,554	2,639,391	1,120,167	7,183,653
Nov-26	14,239,386	4,919,278	19,158,664	83,942,144	513,992,224	2,635,941	947,810	42,532,414	471,459,810	103,100,808	87,525,894	4,378,108	104,553,108	108,931,216	362,528,594	2,758,154	1,120,167	7,462,071
Dec-26	14,239,386	4,919,278	19,158,664	88,256,127	537,464,872	2,754,603	987,804	46,275,820	491,189,051	107,414,791	91,999,533	4,333,229	108,931,216	113,264,445	377,924,606	2,875,288	1,120,167	7,738,861
Jan-27	14,239,386	4,919,278	19,158,664	92,538,155	560,905,564	2,873,264	1,029,798	50,178,882	510,726,682	111,696,819	96,441,216	4,288,350	113,264,445	117,552,795	393,173,887	2,991,306	1,120,167	8,014,535
Feb-27	14,239,386	4,919,278	19,158,664	96,719,810	584,245,884	2,991,926	1,070,792	54,241,599	530,004,285	115,878,474	100,782,527	4,243,471	117,552,795	121,796,266	408,208,019	3,105,688	1,120,167	8,288,572
Mar-27	14,239,386	4,919,278	19,158,664	100,801,093	607,485,831	3,110,587	1,117,785	58,463,972	549,021,859	119,959,757	105,023,465	4,198,592	121,796,266	125,994,857	423,027,002	3,218,432	1,120,167	8,560,971
Apr-27	14,239,386	4,919,278	19,158,664	104,782,003	630,625,405	3,229,249	1,152,779	62,846,000	567,779,405	123,604,667	109,164,031	4,153,712	125,994,857	130,148,570	437,630,835	3,329,539	1,120,167	8,831,734
May-27	14,239,386	4,919,278	19,158,664	108,662,540	653,664,607	3,347,910	1,193,773	67,387,684	586,726,923	127,621,205	113,204,224	4,108,833	130,148,570	134,257,403	452,019,520	3,439,010	1,120,167	9,100,860
Jun-27	14,239,386	4,919,278	19,158,664	112,442,705	676,603,437	3,466,572	1,234,767	72,089,024	604,514,413	131,601,370	117,144,004	4,063,954	134,257,403	138,321,357	466,193,056	3,546,814	1,120,167	9,368,350
Jul-27	-	-	-	116,122,497	680,283,229	3,466,572	1,234,767	76,790,363	603,492,866	116,122,497	120,823,837	(1,321,547)	138,321,357	136,999,811	466,493,055	3,549,126	-	8,250,465
Aug-27	-	-	-	119,701,917	683,862,649	3,466,572	1,234,767	81,491,702	602,370,946	119,701,917	124,403,256	(1,321,547)	136,999,811	135,678,264	466,692,682	3,550,645	-	8,251,984
Sep-27	-	-	-	123,180,964	687,341,696	3,466,572	1,234,767	86,193,042	601,148,654	123,180,964	127,882,303	(1,321,547)	135,678,264	134,356,718	466,791,936	3,551,400	-	8,252,739
Oct-27	-	-	-	126,559,638	690,720,370	3,466,572	1,234,767	90,894,381	599,825,989	126,559,638	131,260,978	(1,321,547)	134,356,718	133,035,171	466,790,818	3,551,391	-	8,252,731
Nov-27	-	-	-	129,837,940	693,998,672	3,466,572	1,234,767	95,595,721	598,402,951	129,837,940	134,539,280	(1,321,547)	133,035,171	131,713,625	466,689,326	3,550,619	-	8,251,959
Dec-27	-	-	-	133,015,869	697,176,601	3,466,572	1,234,767	100,297,060	596,879,541	133,015,869	137,117,209	(1,321,547)	131,713,625	130,392,078	466,487,463	3,549,083	-	8,250,423
Jan-28	-	-	-	136,071,069	700,231,801	3,466,572	1,234,767	104,998,400	598,233,401	136,071,069	134,772,408	(1,321,547)	130,392,078	129,070,532	466,162,870	3,500,965	-	8,202,305
Feb-28	-	-	-	137,126,269	691,287,000	3,466,572	1,234,767	109,699,739	581,587,261	137,126,269	131,827,608	(1,321,547)	129,070,532	127,748,985	453,838,276	3,452,847	-	8,154,187
Mar-28	-	-	-	124,181,468	688,342,200	3,466,572	1,234,767	114,401,078	573,941,122	124,181,468	128,882,808	(1,321,547)	127,748,985	126,427,439	447,513,683	3,404,729	-	8,106,068
Apr-28	-	-	-	121,236,668	685,397,400	3,466,572	1,234,767	119,102,418	566,294,982	121,236,668	125,938,007	(1,321,547)	126,427,439	125,105,892	441,189,090	3,356,611	-	8,057,950
May-28	-	-	-	118,291,868	682,452,599	3,466,572	1,234,767	123,803,757	558,648,842	118,291,868	122,993,207	(1,321,547)	125,105,892	123,784,345	434,864,497	3,308,493	-	8,009,832
Jun-28	-	-	-	115,347,067	679,507,799	3,466,572	1,234,767	128,505,097	551,002,702	115,347,067	120,048,407	(1,321,547)	123,784,345	122,462,799	428,539,903	3,260,375	-	7,961,714
Jul-28	-	-	-	112,402,267	676,562,999	3,466,572	1,234,767	133,206,436	543,356,563	112,402,267	117,103,607	(1,321,547)	122,462,799	121,141,252	422,215,310	3,212,256	-	7,913,596
Aug-28	-	-	-	109,457,467	673,618,198													

Jersey Central Power & Light
Clean Energy Efficiency Program
Electric Revenue Requirements Calculation

ATTACHMENT 4

Schedule CAP-3

Program Investment Amortization	Years	10
Monthly WACC Effective 7/1/21		0.76081%
Federal & State Income tax rate		28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Investment Month	Customer Incentives FERC (182)	Outside Services FERC (182)	Total Monthly Investments FERC (182)	Financing Balance Investments FERC (182)	Cumulative Investments FERC (182)	Customer Incentives Amortization FERC (407)	Outside Services Amortization FERC (407)	Accumulated Amortization FERC (407)	Net Investments (1) + (2) + (4) - (8)	Tax Amortization (3) + (4)	Book Amortization Tax Basis (4) - (6) + (7)	Deferred Income Tax FERC (283)	Beginning Accumulated Deferred Income Tax (12) + (13)	Ending Accumulated Income Tax (12) + (14)	Rate Base (9) - (14)	Return Component (15) x WACC	O & M Expenses FERC (923)	Revenue Requirements (FERC 440-444)
Jul-31	-	-	-	15,340,186	\$ 579,500,918	3,466,572	1,234,767	302,454,656	\$ 277,046,262	\$ 15,340,186	\$ 20,041,526	(1,321,547)	74,887,124	73,565,578	203,480,684	1,548,101	-	6,249,441
Aug-31	-	-	-	13,639,460	\$ 577,800,191	3,466,572	1,234,767	307,155,995	\$ 270,644,196	\$ 13,639,460	\$ 18,340,799	(1,321,547)	73,565,578	72,244,031	198,400,165	1,509,448	-	6,210,788
Sep-31	-	-	-	12,037,984	\$ 576,198,716	3,466,572	1,234,767	311,857,335	\$ 264,341,381	\$ 12,037,984	\$ 16,739,324	(1,321,547)	72,244,031	70,922,485	193,418,896	1,471,550	-	6,172,890
Oct-31	-	-	-	10,535,760	\$ 574,696,491	3,466,572	1,234,767	316,558,674	\$ 258,137,817	\$ 10,535,760	\$ 15,237,099	(1,321,547)	70,922,485	69,600,938	188,536,879	1,434,407	-	6,135,747
Nov-31	-	-	-	9,132,786	\$ 573,293,518	3,466,572	1,234,767	321,260,013	\$ 252,033,505	\$ 9,132,786	\$ 13,834,126	(1,321,547)	69,600,938	68,279,392	183,754,113	1,398,020	-	6,099,359
Dec-31	-	-	-	7,829,064	\$ 571,989,796	3,466,572	1,234,767	325,961,353	\$ 246,028,443	\$ 7,829,064	\$ 12,530,403	(1,321,547)	68,279,392	66,957,845	179,070,597	1,362,387	-	6,063,727
Jan-32	-	-	-	6,624,593	\$ 570,785,324	3,466,572	1,234,767	330,662,692	\$ 240,122,632	\$ 6,624,593	\$ 11,325,932	(1,321,547)	66,957,845	65,636,299	174,486,333	1,327,510	-	6,028,849
Feb-32	-	-	-	5,520,494	\$ 569,681,229	3,466,572	1,234,767	335,364,032	\$ 234,317,194	\$ 5,520,494	\$ 10,221,833	(1,321,547)	65,636,299	64,314,752	170,002,441	1,293,396	-	5,994,735
Mar-32	-	-	-	4,516,768	\$ 568,677,495	3,466,572	1,234,767	340,065,371	\$ 228,612,128	\$ 4,516,768	\$ 9,218,107	(1,321,547)	64,314,752	62,993,206	165,618,922	1,260,045	-	5,961,385
Apr-32	-	-	-	3,613,414	\$ 567,774,146	3,466,572	1,234,767	344,766,711	\$ 223,007,435	\$ 3,613,414	\$ 8,314,754	(1,321,547)	62,993,206	61,671,659	161,335,776	1,227,459	-	5,928,798
May-32	-	-	-	2,810,433	\$ 566,971,165	3,466,572	1,234,767	349,468,050	\$ 217,503,115	\$ 2,810,433	\$ 7,511,773	(1,321,547)	61,671,659	60,350,113	157,153,002	1,195,636	-	5,896,975
Jun-32	-	-	-	2,107,825	\$ 566,268,557	3,466,572	1,234,767	354,169,389	\$ 212,099,167	\$ 2,107,825	\$ 6,809,164	(1,321,547)	60,350,113	59,028,566	153,070,601	1,164,576	-	5,865,916
Jul-32	-	-	-	1,505,589	\$ 565,666,321	3,466,572	1,234,767	358,870,729	\$ 206,795,592	\$ 1,505,589	\$ 6,206,929	(1,321,547)	59,028,566	57,707,020	149,088,572	1,134,281	-	5,835,620
Aug-32	-	-	-	1,003,726	\$ 565,164,458	3,466,572	1,234,767	363,572,068	\$ 201,592,390	\$ 1,003,726	\$ 5,705,066	(1,321,547)	57,707,020	56,385,473	145,206,916	1,104,749	-	5,806,088
Sep-32	-	-	-	602,236	\$ 564,762,967	3,466,572	1,234,767	368,273,408	\$ 196,489,560	\$ 602,236	\$ 5,303,575	(1,321,547)	56,385,473	55,063,927	141,425,633	1,075,980	-	5,777,320
Oct-32	-	-	-	301,118	\$ 564,461,849	3,466,572	1,234,767	372,974,747	\$ 191,487,102	\$ 301,118	\$ 5,002,457	(1,321,547)	55,063,927	53,742,380	137,744,722	1,047,976	-	5,749,315
Nov-32	-	-	-	100,373	\$ 564,261,104	3,466,572	1,234,767	377,676,087	\$ 186,585,018	\$ 100,373	\$ 4,801,712	(1,321,547)	53,742,380	52,420,834	134,164,184	1,020,735	-	5,722,074
Dec-32	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	382,377,426	\$ 181,783,306	-	\$ 4,701,339	(1,321,547)	52,420,834	51,099,287	130,684,018	994,257	-	5,695,597
Jan-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	387,078,765	\$ 177,081,966	-	\$ 4,701,339	(1,321,547)	51,099,287	49,777,741	127,304,226	968,543	-	5,669,883
Feb-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	391,780,105	\$ 172,800,627	-	\$ 4,701,339	(1,321,547)	49,777,741	48,456,194	123,924,433	942,830	-	5,644,169
Mar-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	396,481,444	\$ 167,679,287	-	\$ 4,701,339	(1,321,547)	48,456,194	47,134,648	120,544,640	917,116	-	5,618,455
Apr-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	401,182,784	\$ 162,977,948	-	\$ 4,701,339	(1,321,547)	47,134,648	45,813,101	117,164,847	891,402	-	5,592,741
May-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	405,884,123	\$ 158,276,609	-	\$ 4,701,339	(1,321,547)	45,813,101	44,491,555	113,785,054	865,688	-	5,567,028
Jun-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	410,585,463	\$ 153,575,269	-	\$ 4,701,339	(1,321,547)	44,491,555	43,170,008	110,405,261	839,974	-	5,541,314
Jul-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	415,286,802	\$ 148,873,930	-	\$ 4,701,339	(1,321,547)	43,170,008	41,848,462	107,025,468	814,260	-	5,515,600
Aug-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	419,988,141	\$ 144,172,590	-	\$ 4,701,339	(1,321,547)	41,848,462	40,526,915	103,645,675	788,547	-	5,489,886
Sep-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	424,689,481	\$ 139,471,251	-	\$ 4,701,339	(1,321,547)	40,526,915	39,205,369	100,265,882	762,833	-	5,464,172
Oct-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	429,390,820	\$ 134,769,911	-	\$ 4,701,339	(1,321,547)	39,205,369	37,883,822	96,886,089	737,119	-	5,438,459
Nov-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	434,092,160	\$ 130,068,572	-	\$ 4,701,339	(1,321,547)	37,883,822	36,562,276	93,506,296	711,405	-	5,412,745
Dec-33	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	438,793,499	\$ 125,367,233	-	\$ 4,701,339	(1,321,547)	36,562,276	35,240,729	90,126,503	685,691	-	5,387,031
Jan-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	443,494,839	\$ 120,665,893	-	\$ 4,701,339	(1,321,547)	35,240,729	33,919,183	86,746,711	659,978	-	5,361,317
Feb-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	448,196,178	\$ 115,964,554	-	\$ 4,701,339	(1,321,547)	33,919,183	32,597,636	83,366,918	634,264	-	5,335,603
Mar-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	452,897,517	\$ 111,263,214	-	\$ 4,701,339	(1,321,547)	32,597,636	31,276,090	79,987,125	608,550	-	5,309,890
Apr-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	457,598,857	\$ 106,561,875	-	\$ 4,701,339	(1,321,547)	31,276,090	29,954,543	76,607,332	582,836	-	5,284,176
May-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	462,300,196	\$ 101,860,535	-	\$ 4,701,339	(1,321,547)	29,954,543	28,632,996	73,227,539	557,122	-	5,258,462
Jun-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	467,001,536	\$ 97,159,196	-	\$ 4,701,339	(1,321,547)	28,632,996	27,311,450	69,847,746	531,409	-	5,232,748
Jul-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	471,702,875	\$ 92,457,857	-	\$ 4,701,339	(1,321,547)	27,311,450	25,989,903	66,467,953	505,695	-	5,207,034
Aug-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	476,404,215	\$ 87,756,517	-	\$ 4,701,339	(1,321,547)	25,989,903	24,668,357	63,088,160	479,981	-	5,181,320
Sep-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	481,105,554	\$ 83,055,178	-	\$ 4,701,339	(1,321,547)	24,668,357	23,346,810	59,708,367	454,267	-	5,155,607
Oct-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	485,806,893	\$ 78,353,838	-	\$ 4,701,339	(1,321,547)	23,346,810	22,025,264	56,328,574	428,553	-	5,129,893
Nov-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	490,508,233	\$ 73,652,499	-	\$ 4,701,339	(1,321,547)	22,025,264	20,703,717	52,948,781	402,840	-	5,104,179
Dec-34	-	-	-	-	\$ 564,160,732	3,466,572	1,234,767	495,209,572	\$ 68,951,159	-	\$ 4,701,339	(1,321,547)	20,703,717	19,382,171	49,568,988	377,126	-	5,078,465
Jan-35	-	-	-	-	\$ 564,160,732	3,359,506	1,191,747	499,760,826	\$ 64,399,906	-	\$ 4,551,253	(1,279,357)	19,382,171	18,102,814	46,297,092	352,233	-	4,903,486
Feb-35	-	-	-	-	\$ 564,160,732	3,252,440	1,148,727	504,161,993	\$ 59,998,738	-	\$ 4,401,168	(1,237,168)	18,102,814	16,865,645	43,133,093	328,161	-	4,729,328
Mar-35	-	-	-	-	\$ 564,160,732	3,145,374	1,105,707	508,413,075	\$ 55,747,657	-	\$ 4,251,082	(1,194,979)	16,865,645	15,670,666	40,076,990	304,910	-	4,555,991
Apr-35	-	-	-	-	\$ 564,160,732	3,038,309	1,062,687	512,514,070	\$ 51,646,661	-	\$ 4,100,996	(1,152,790)	15,670,666	14,517,876	37,128,785	282,480	-	4,383,475
May-35	-	-	-	-	\$ 564,160,732	2,931,243	1,019,667	516,464,980	\$ 47,695,752	-	\$ 3,950,910	(1,110,601)	14,517,876	13,407,276	34,288,476	260,870	-	4,211,780
Jun-35	-	-	-	-	\$ 564,160,732	2,824,177	976,647	520,265,804	\$ 43,894,928	-	\$ 3,800,824	(1,068,412)	13,407,276	12,338,864	31,556,064	240,082	-	4,040,905
Jul-35	-	-	-	-	\$ 564,160,732	2,707,490	936,254	523,909,548	\$ 40,251,184	-	\$ 3,643,744	(1,024,256)	12,338,864	11,314,608	28,936,576	220,152	-	3,863,896
Aug-35	-	-	-	-	\$ 564,160,732	2,590,804	895,860	527,396,212	\$ 36,764,520	-	\$ 3,486,664	(980,101)	11,314,608	10,334,506	26,430,013	201,082	-	3,687,746
Sep-35	-	-	-	-	\$ 564,160,732	2,474,117	855,467	530,725,796	\$ 33,434,935	-	\$ 3,329,584	(935,946)	10,334,506	9,398,560	24,036,375	182,871	-	3,512,456
Oct-35	-	-	-	-	\$ 564,160,732	2												

ATTACHMENT 5

Schedule CAP-4

**Jersey Central Power & Light
Clean Energy Energy Efficiency Program
Proposed Rate Calculation
(In \$ per kWh)**

<u>Line #</u>	<u>EE&C</u>	<u>1/1/2025</u> <u>to</u> <u>6/30/2025</u>	<u>7/1/2025</u> <u>to</u> <u>6/30/2026</u>	<u>7/1/2026</u> <u>to</u> <u>6/30/2027</u>	<u>Comments</u>
1	Amortization Expense	\$ 3,151,805	\$ 23,058,411	\$ 45,878,808	Schedule CAP-3, Col. 6 + Col. 7
2	Rate of Return	2,449,304	17,537,824	35,092,966	Schedule CAP-3, Col. 16
3	O & M Expenses	6,403,420	13,246,990	13,442,001	Schedule CAP-3, Col. 17
4	less Revenue offsets	-	-	-	
5	Revenue Requirements	\$ 12,004,530	\$ 53,843,225	\$ 94,413,774	Schedule CAP-3, Col 18
6	Forecasted kWh	9,376,043,343	19,789,460,383	19,427,505,428	
7	Proposed rate w/o SUT (\$/kWh)	\$ 0.001280	\$ 0.002721	\$ 0.004860	Line 5 / Line 6 (rounded 6 dec. pts.)
8	Proposed rate w SUT (\$/kWh)	\$ 0.001365	\$ 0.002901	\$ 0.005182	Line 7 x (1 + 6.625%)
9	Revenues received	\$ 12,798,299	\$ 57,409,225	\$ 100,673,333	Line 8 x Line 6

ATTACHMENT 6

Schedule CAP - 5

Rate Class	Class Average Per Customer/Fixture			
	Effective January 1, 2025	Effective July 1, 2025	Effective July 1, 2026	
	Current Monthly <u>Bill (1)</u>	Proposed Monthly <u>Bill (2)</u>	Proposed Monthly <u>Bill (2)</u>	Proposed Monthly <u>Bill (2)</u>
Residential (RS)	\$136.36	\$137.42	\$138.62	\$140.39
Residential Time of Day (RT/RGT)	\$187.98	\$189.48	\$191.18	\$193.69
General Service – Secondary (GS)	\$688.04	\$693.66	\$699.99	\$709.40
General Service - Secondary Time of Day (GST)	\$28,841.60	\$29,099.81	\$29,390.36	\$29,821.83
General Service – Primary (GP)	\$35,315.26	\$35,725.37	\$36,186.87	\$36,872.20
General Service – Transmission (GT)	\$86,677.61	\$87,846.46	\$89,161.73	\$91,114.95
Lighting (Average Per Fixture)	\$12.84	\$12.90	\$12.97	\$13.07

Rate Class	Class Average Per Customer /Fixture Incremental Increase (\$)			
	Effective January 1, 2025	Effective July 1, 2025	Effective July 1, 2026	
	Current Monthly <u>Bill (1)</u>	Proposed Monthly <u>Bill (2)</u>	Proposed Monthly <u>Bill (2)</u>	Proposed Monthly <u>Bill (2)</u>
Residential (RS)	\$136.36	\$1.06	\$1.20	\$1.77
Residential Time of Day (RT/RGT)	\$187.98	\$1.50	\$1.70	\$2.51
General Service – Secondary (GS)	\$688.04	\$5.62	\$6.33	\$9.41
General Service - Secondary Time of Day (GST)	\$28,841.60	\$258.21	\$290.55	\$431.47
General Service – Primary (GP)	\$35,315.26	\$410.11	\$461.50	\$685.33
General Service – Transmission (GT)	\$86,677.61	\$1,168.85	\$1,315.27	\$1,953.22
Lighting (Average Per Fixture)	\$12.84	\$0.06	\$0.07	\$0.10

Rate Class	Class Average Per Customer /Fixture Incremental Increase %			
	Effective January 1, 2025	Effective July 1, 2025	Effective July 1, 2026	
	Current Monthly <u>Bill (1)</u>	Proposed Monthly <u>Bill (2)</u>	Proposed Monthly <u>Bill (2)</u>	Proposed Monthly <u>Bill (2)</u>
Residential (RS)	\$136.36	0.8%	0.9%	1.3%
Residential Time of Day (RT/RGT)	\$187.98	0.8%	0.9%	1.3%
General Service – Secondary (GS)	\$688.04	0.8%	0.9%	1.3%
General Service - Secondary Time of Day (GST)	\$28,841.60	0.9%	1.0%	1.5%
General Service – Primary (GP)	\$35,315.26	1.2%	1.3%	1.9%
General Service – Transmission (GT)	\$86,677.61	1.3%	1.5%	2.2%
Lighting (Average Per Fixture)	\$12.84	0.5%	0.5%	0.8%

	Typical Residential Customer on RS Rate			
	Effective January 1, 2025	Effective July 1, 2025	Effective July 1, 2026	
	Current Monthly <u>Bill (1)</u>	Proposed Monthly <u>Bill (2)</u>	Proposed Monthly <u>Bill (2)</u>	Proposed Monthly <u>Bill (2)</u>
Residential (RS) using 777 kW per Month	\$134.21	\$135.27	\$136.46	\$138.24
Incremental Increase (\$)		\$1.06	\$1.19	\$1.78
% of Incremental Increase		0.8%	0.9%	1.3%
Cumulative Increase from Current (\$)		\$1.06	\$2.25	\$4.03
Cumulative Increase from Current (%)		0.8%	1.7%	3.0%

{1} Rates effective 7/15/2024

{2} Proposed EE rates at respective dates, all other rates remain the same, includes NJ SUT

ATTACHMENT 7

Schedule CAP-6

Jersey Central Power & Light Clean Energy Efficiency Program Proposed Lost Revenue Rate Calculation

	1/1/2025 to 6/30/2025		7/1/2025 to 6/30/2026		7/1/2026 to 6/30/2027	
Target Gross Savings (kWh)						
	Summer	Winter	Summer	Winter	Summer	Winter
RS	3,091,240	14,545,409	26,041,469	53,629,569	58,734,440	95,367,562
RT	47,524	327,210	369,987	1,164,210	824,445	2,036,719
RGT	3,879	28,962	28,817	102,906	63,566	179,688
GS	6,526,537	32,527,388	42,827,895	116,821,067	102,722,782	220,963,538
GST	436,919	2,149,065	2,867,157	7,837,627	6,910,826	14,977,445
GP	1,598,736	7,523,591	10,679,713	27,851,564	25,801,706	53,712,815
GT	1,809,423	9,081,196	11,827,938	33,502,637	28,409,129	64,372,801
OL	-	-	-	-	-	-
PHSL	-	-	-	-	-	-
	13,514,258	66,182,821	94,642,975	240,909,580	223,466,892	451,610,568
Revenue Factor (\$ per kWh)						
RS	\$0.074851	\$0.031007	\$0.074851	\$0.031007	\$0.074851	\$0.031007
RT	\$0.038695	\$0.031580	\$0.038695	\$0.031580	\$0.038695	\$0.031580
RGT	\$0.038695	\$0.031007	\$0.038695	\$0.031007	\$0.038695	\$0.031007
GS	\$0.044464	\$0.031210	\$0.044464	\$0.031210	\$0.044464	\$0.031210
GST	\$0.030135	\$0.027103	\$0.030135	\$0.027103	\$0.030135	\$0.027103
GP	\$0.018883	\$0.017409	\$0.018883	\$0.017409	\$0.018883	\$0.017409
GT	\$0.011780	\$0.011780	\$0.011780	\$0.011780	\$0.011780	\$0.011780
OL	\$0.050039	\$0.050039	\$0.050039	\$0.050039	\$0.050039	\$0.050039
PHSL	\$0.050039	\$0.050039	\$0.050039	\$0.050039	\$0.050039	\$0.050039
Lost Revenue						
RS	\$231,382	\$451,009	\$1,949,230	\$1,662,892	\$4,396,332	\$2,957,062
RT	\$1,839	\$10,333	\$14,317	\$36,765	\$31,902	\$64,319
RGT	\$150	\$898	\$1,115	\$3,191	\$2,460	\$5,572
GS	\$290,193	\$1,015,189	\$1,904,282	\$3,646,018	\$4,567,423	\$6,896,334
GST	\$13,167	\$58,247	\$86,402	\$212,426	\$208,259	\$405,939
GP	\$30,189	\$130,981	\$201,668	\$484,878	\$487,221	\$935,105
GT	\$21,315	\$106,975	\$139,331	\$394,654	\$334,654	\$758,298
OL	\$0	\$0	\$0	\$0	\$0	\$0
PHSL	\$0	\$0	\$0	\$0	\$0	\$0
	\$588,235	\$1,773,632	\$4,296,345	\$6,440,824	\$10,028,250	\$12,022,629
Allocated 6 month			Allocated Annual		Allocated Annual	
RS	\$1,288,485		\$5,857,520		\$12,029,565	
RT/RGT	\$23,646		\$107,498		\$220,768	
GS	\$788,616		\$3,585,087		\$7,362,678	
GST	\$37,590		\$170,886		\$350,948	
GP	\$89,234		\$405,661		\$833,105	
GT	\$69,301		\$315,046		\$647,010	
Lighting (OL, SVL, MVL, ISL, LED)	\$64,995		\$295,470		\$606,805	
	\$2,361,867		\$10,737,169		\$22,050,879	
Forecast Sales						
RS	4,331,783,956 kWh		9,596,762,766 kWh		9,569,926,890 kWh	
RT/RGT	100,105,480 kWh		186,901,480 kWh		186,925,613 kWh	
GS	3,088,761,907 kWh		6,147,567,795 kWh		5,925,203,260 kWh	
GST	482,080 kw		1,018,983 kw		991,636 kw	
GP	1,571,600 kw		3,396,953 kw		3,301,682 kw	
GT	2,096,892 kw		4,376,048 kw		4,241,737 kw	
Lighting (OL, SVL, MVL, ISL, LED)	68,050,111 kWh		136,205,405 kWh		136,347,561 kWh	
Lost Revenue Rate						
RS	\$0.000297 \$/kWh		\$0.000610 \$/kWh		\$0.001257 \$/kWh	
RT/RGT	\$0.000236 \$/kWh		\$0.000575 \$/kWh		\$0.001181 \$/kWh	
GS	\$0.000255 \$/kWh		\$0.000583 \$/kWh		\$0.001243 \$/kWh	
GST	\$0.08 \$/kw		\$0.17 \$/kw		\$0.35 \$/kw	
GP	\$0.06 \$/kw		\$0.12 \$/kw		\$0.25 \$/kw	
GT	\$0.03 \$/kw		\$0.07 \$/kw		\$0.15 \$/kw	
Lighting (OL, SVL, MVL, ISL, LED)	\$0.000955 \$/kWh		\$0.002169 \$/kWh		\$0.004450 \$/kWh	
Lost Revenue Rate with SUT						
RS	\$0.000317 \$/kWh		\$0.000650 \$/kWh		\$0.001340 \$/kWh	
RT/RGT	\$0.000252 \$/kWh		\$0.000613 \$/kWh		\$0.001259 \$/kWh	
GS	\$0.000272 \$/kWh		\$0.000622 \$/kWh		\$0.001325 \$/kWh	
GST	\$0.09 \$/kw		\$0.18 \$/kw		\$0.37 \$/kw	
GP	\$0.06 \$/kw		\$0.13 \$/kw		\$0.27 \$/kw	
GT	\$0.03 \$/kw		\$0.07 \$/kw		\$0.16 \$/kw	
Lighting (OL, SVL, MVL, ISL, LED)	\$0.001018 \$/kWh		\$0.002313 \$/kWh		\$0.004745 \$/kWh	

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 14 ELECTRIC - PART III

XX Rev. Sheet No. 62
Superseding XX Rev. Sheet No. 62

**Rider RRC
RGGI Recovery Charge**

APPLICABILITY: Rider RRC provides a charge for the costs associated with demand response/energy efficiency/renewable energy programs directed by the BPU as detailed below. The RGGI Recovery Charge (RRC) is applicable to all KWH usage of any Full Service Customer or Delivery Service Customer, as follows

For service rendered effective January 1, 2025:

RRC = \$0.004435 per KWH (\$0.004729 per KWH including SUT)

The above RRC provides recovery for the followings:

Solar Renewable Energy Certificates Financing Program (SREC I & II)

Pursuant to BPU Orders dated March 27, 2009 and September 16, 2009 (Docket No. EO08090840) approving an SREC-based financing program (SREC I), pursuant to BPU Order dated December 18, 2013 (Docket No. EO12080750) approving the SREC II, and pursuant to BPU Order dated December 20, 2019 (Docket No. ER19070806) approving the Stipulation of Settlement, the Company shall include an SREC I & II Rate of **\$0.000007 per kWh (\$0.000007 per kWh including SUT)** in RRC effective January 1, 2024.

Transition Renewable Energy Certificate Incentive Program (TREC Program)

On December 6, 2019, the Board issued an Order in Docket No. QO19010068 ("December 6, 2019 Order"), establishing a transition renewable energy certificate ("TREC") program to be implemented upon the attainment of 5.1% of the retail electric sales in the State being from solar. Solar projects that become operational after the State's attainment of the 5.1% milestone but prior to the implementation of a successor solar program will be eligible to participate in the TREC Program, as determined by the Board. The December 6, 2019 Order required the New Jersey Electric Distribution Companies ("EDCs") to purchase all TRECs generated and authorized the EDCs to recover their reasonable and prudent costs incurred for the purchase of TRECs and the fees charged by a TREC Administrator (generally, "TREC Program Costs"). The December 6, 2019 Order further provided that "[r]ecovery shall be based on each EDC's proportionate share of retail electric sales."

The TREC Rate recovers JCP&L's proportional share of TREC Program Costs, including, but not limited to, those costs associated with the purchase of TRECs, fees charged by the TREC Administrator, and any additional costs or expenses incurred by JCP&L as a result of the Company's participation in or implementation of the TREC program.

The TREC Rate for all Customer classes is **\$0.001965 per kWh (\$0.002095 per kWh including SUT)**, effective January 1, 2024.

Solar Successor Incentive Program (SuSI Program)

On July 28, 2021, the Board issued an order establishing the Solar Successor Incentive ("SuSI") program ("SuSI Order") pursuant to the New Jersey Clean Energy Act and the Solar Act of 2021. The SuSI Order established a new renewable energy certificate, SREC-IIs, and required that the New Jersey Electric Distribution Companies ("EDCs") purchase all SREC-IIs generated and authorized the EDCs to recover their reasonable and prudent costs for SREC-II procurement and SREC-II Administrator fees (generally, "SuSI Program Costs"). The SuSI Order further provided that "[r]ecovery shall be based on each EDC's proportionate share of retail electric sales."

The SuSI Rate recovers JCP&L's proportional share of SuSI Program Costs, including, but not limited to, those costs associated with the purchase of SREC-IIs, fees charged by the SREC-II Administrator, and any additional costs or expenses incurred by JCP&L as a result of the Company's participation in or implementation of the SuSI program.

The SuSI Rate for all Customer classes is **\$0.000254/kWh (\$0.000271/kWh including SUT)**, effective January 1, 2024.

Issued:

Effective:

**Filed pursuant to Order of Board of Public Utilities
Docket No. dated**

Issued by James V. Fakult, President
300 Madison Avenue, Morristown, NJ 07962-1911

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 14 ELECTRIC - PART III

XX Rev. Sheet No. 63

Superseding XX Rev. Sheet No. 63

**Rider RRC
RGGI Recovery Charge**

Community Solar Pilot Program (CSP)

Pursuant to N.J.S.A. 48:3-87.11, the Board established a Community Solar Pilot Program. The CSP Rate recovers JCP&L's costs and expenses associated with its implementation of and compliance with the Community Solar Pilot Program, including, but not limited to, recovery of the full value of the cost of community solar credits issued to participating customers, the cost of modifying the Company's systems to implement billing changes for community solar, and incremental administrative costs associated with JCP&L's implementation of and compliance with the Community Solar Pilot Program, to the extent not otherwise recovered in rates. The CSP Rate for all customers classes **\$0.000000/kWh (\$0.000000/kWh including SUT)**, effective August 1, 2023.

Energy Efficiency and Conservation Program (EE&C)

Pursuant to the BPU Order dated June 10, 2020 directing New Jersey's electric and natural gas companies to establish programs that reduce the use of electricity and natural gas within their territories and the BPU Order dated April 27, 2021 approving the Stipulation of Settlement, the Company shall include a EE&C Charge in RRC effective July 1, 2021. The EE&C Charge provides for recovery of revenue requirements associated with Energy Efficiency and Peak Demand Reduction Programs as approved by the BPU.

Effective January 1, 2024, EE&C rate for service classification is as follows:

EE&C = \$0.000929 per KWH (\$0.000991 per KWH including SUT)

Energy Efficiency and Conservation Program (EE&C2) – Second Triennium

Pursuant to the BPU Order dated July 26, 2023 directing New Jersey's electric and natural gas companies to proposed second triennium programs that reduce the use of electricity and natural gas within their territories and the BPU Order dated xxxxxx, xxxx approving the Stipulation of Settlement, the Company shall include a EE&C2 Charge in RRC effective xxxxxx, xxxx. The EE&C2 Charge provides for recovery of revenue requirements associated with Energy Efficiency, Peak Demand Reduction, and Building Decarbonization Programs as approved by the BPU.

Effective January 1, 2025, EE&C2 rate for service classification is as follows:

EE&C2 = \$0.001280 per KWH (\$0.001365 per KWH including SUT)

The Company will submit to the BPU annually an application to recover the revenue requirements for the forthcoming Program Year starting July 1st of each year and ending June 30th of the following year, except for Program Year 4, which runs from January 1, 2025 through June 30, 2025, pursuant to the BPU Order dated October 25, 2023. Pursuant to the BPU Order dated xxxxxx, xxxx, the revenue requirements will include a return of and on EE&C program investments and a reconciliation of actual revenues with actual costs.

The RRC costs shall accrue interest on any over or under recovered balances of such costs at the interest rate based on a two-year constant maturity Treasuries as published in the Federal Reserve Statistical Release on the first day of each month (or the closest day thereafter on which rates are published), plus sixty basis points, but shall not exceed the Company's overall rate of return as approved by the BPU. Such interest rate shall be reset each month. The interest calculation shall be based on the net of tax beginning and end average monthly balance, consistent with the methodology in the Board's Final Order dated May 17, 2004 (Docket No. ER02080506 et al.), compounded annually (added to the balance on which interest is accrued annually) on January 1 of each year.

The Company will make annual filings to true-up the RRC on or before February 1 of each calendar year and will request rate changes, if any, to be implemented on July 1 of the filing year.

Issued:

Filed pursuant to Order of Board of Public Utilities
Docket No.

Effective:

dated

Issued by James V. Fakult, President
300 Madison Avenue, Morristown, NJ 07962-1911

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 14 ELECTRIC - PART III

XX Rev. Sheet No. 67
Superseding XX Rev. Sheet No. 67

<p align="center">Rider LRAM JCP&L Lost Revenue Adjustment Mechanism Charge</p>

APPLICABILITY: The Lost Revenue Adjustment Mechanism Charge ("Rider LRAM" or "LRAM Charge") provides for recovery of the revenue impact of sales losses demonstrated to have resulted from the Company's Energy Efficiency and Peak Demand Reduction Programs, subject to regulations pursuant to N.J.S.A. 48:3-98. 1(a)(1) and as approved by the BPU Order.

The JCP&L LRAM Charge is applicable to Service Classifications RS (Residential Service), RT (Residential Time-of-Day), RGT (Residential Geothermal & Heat Pump), GS (General Service Secondary), GST (General Service Secondary Time-of-Day), GP (General Service Primary), GT (General Service Transmission), OL (Outdoor Lighting), SVL (Sodium Vapor Street Lighting), MVL (Mercury Vapor Street Lighting), ISL (Incandescent Street Lighting) and LED (LED Street Lighting) and for all usage (KWH and KW) of any Full Service Customer or Delivery Service Customer, as follows:

LRAM Charge effective xxxxxx,xxxx

<u>Service Classification</u>	<u>LRAM Charge (Including SUT)</u>
RS	\$x.xxxxxx per KWH
RT/RGT	\$x.xxxxxx per KWH
GS	\$x.xxxxxx per KWH
GST	\$x.xx per KW
GP	\$x.xx per KW
GT	\$x.xx per KW
Lighting (OL, SVL, MVL, SVL and LED)	\$x.xxxxxx per KWH

The Company will submit to the BPU as soon as practicable after the data becomes available for each Program Year to recover the lost distribution revenue the Company's Energy Efficiency and Peak Demand Reduction Programs for the preceding year ended June 30th or the date determined by the Board. The lost distribution revenue in each filing will be considered verified once the underlying energy savings have been verified through the Evaluation Measurement & Verification process undertaken by the Company's independent evaluator, subject to BPU review. Any adjustment of the amount of savings used to determine lost revenue recovery resulting from the verification process, but not completed by the time of filing, will be included in the following year's reconciliation. The applicable carrying cost is calculated on a monthly basis at an interest rate equal to the rate on two-year constant maturity Treasuries, as show in the Federal Reserve Statistical Release on or closest to January 1 of each year, plus sixty basis points, compounded annually as of January 1 of each year. All subsequent filings will adhere to the Company's recovery periods as approved in the above referenced BPU Order.

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Docket No. dated

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300 Madison Avenue, Morristown, NJ 07962-1911

ATTACHMENT 10

Schedule CAP-9

**Jersey Central Power & Light
Clean Energy Energy Efficiency Program
Proforma Income Statement & Balance Sheet
For Program Year Ending June 30th of Each Year**

INCOME STATEMENT

	Program Year Ending		
	<u>30-Jun-25</u>	<u>30-Jun-26</u>	<u>30-Jun-27</u>
Operating Revenues w/ SUT	\$ 12,798,299	\$ 57,409,225	\$ 100,673,333
less SUT	(796,964)	(3,562,103)	(6,255,657)
Net Operating Revenues	\$ 12,001,335	\$ 53,847,122	\$ 94,417,676
<u>Operating Expenses</u>			
Operating & Maintenance Expense	\$ 6,403,420	\$ 13,246,990	\$ 13,442,001
Amortization Expense	3,151,805	23,058,411	45,878,808
Total Operating Expense	9,555,225	36,305,401	59,320,808
Operating Income	2,446,110	17,541,721	35,096,868
Interest Expense	589,979	4,224,444	8,453,059
Income before Income Taxes	1,856,131	13,317,277	26,643,809
Income Tax Expense	(521,758)	(3,743,487)	(7,489,575)
Net Income	1,334,373	9,573,790	19,154,235

BALANCE SHEET

	Program Year Ending		
	<u>30-Jun-25</u>	<u>30-Jun-26</u>	<u>30-Jun-27</u>
<u>Assets</u>			
Regulatory Asset - Capitalized Program Expenditures	\$ 123,854,742	\$ 395,140,220	\$ 676,603,437
less Accumulated Amortization	3,151,805	26,210,216	72,089,024
Net Regulatory Assets	\$ 120,702,937	\$ 368,930,004	\$ 604,514,413
Total Assets	\$ 120,702,937	\$ 368,930,004	\$ 604,514,413
<u>Liabilities & Capitalization</u>			
<u>Liabilities</u>			
Deferred Income Taxes	\$ 29,490,224	\$ 86,591,883	\$ 138,321,357
<u>Capitalization</u>			
Debt	43,873,315	135,804,636	224,238,860
Common Equity	47,339,398	146,533,485	241,954,196
Total Capitalization	\$ 91,212,713	\$ 282,338,121	\$ 466,193,056
Total Liabilities & Capitalization	\$ 120,702,937	\$ 368,930,004	\$ 604,514,413

JCP&L Lost Revenue Recovery Mechanism (“LRAM”)

Demonstration of Energy Savings and Lost Revenues

Under JCP&L’s Lost Revenue Adjustment Mechanism (“LRAM”), Energy Efficiency Program energy savings estimations used to calculate lost revenues will be determined in accordance with the Board of Public Utilities’ (“BPU”) Technical Reference Manual (“TRM”) applicable to compliance savings calculations for each respective program year. As such, the energy savings estimates used to calculate lost revenues associated with energy efficiency projects and measures installed under the Company’s Energy Efficiency Programs will be identical to those determined under the TRM developed for the purpose of determining energy and resource savings for technologies and measures supported by New Jersey’s Clean Energy Program, for programs administered by both the State of New Jersey, through the BPU, and by utilities or other parties who administer clean energy programs under the guidance of the BPU.

For measures, projects, or phases of projects, where an energy savings estimation is not designated under the TRM, such as large complex custom type projects, energy savings estimations will be determined using standard industry approaches, consistent with the International Performance Measurement and Verification Protocol, and, as necessary, involving the Company’s Evaluation, Measurement & Verification (“EM&V”) vendor to determine the appropriate methodology to perform an energy savings estimation. Programs in the Company’s portfolio that may require more “custom” energy savings estimations for some, but not necessarily all, measures would include Energy Solutions for Business.

Energy savings estimates will be verified in accordance with guidelines established by the EM&V Working Group. As required by the Clean Energy Act, for purposes of determining energy reductions by a utility in its service territory, “the board shall only consider usage for which public utility energy efficiency programs are applicable.” N.J.S.A. 48:3-87.9(g). By statute, only energy savings estimations that have resulted from the Company’s Energy Efficiency Programs can be verified through the BPU established process.

Therefore, once the energy savings estimates are verified, the Company will have demonstrated that the energy savings and the associated lost revenues to be recovered under its LRAM mechanism are attributable to the Company’s Energy Efficiency Programs.

Calculation of Lost Revenues

To calculate lost revenues, the verified energy savings estimations will be seasonally shaped, where appropriate. Rate schedules RS, RT, and RGT will be priced at the applicable seasonal distribution rate block as set forth in the Company’s tariffed rate schedule, in effect during each month that energy savings are produced under the Company’s Energy Efficiency Programs.

For those rate schedules that collect distribution charges through a demand component of the rate (rate schedules GS, GST, GP, and GT), lost distribution revenue will be calculated using the weighted-average kWh rate for each month, as derived from the revenue allocation and monthly kWh billing units for each of these rate schedules established in the Company’s most recent base

rate case,¹ and applying the weighted-average kWh rate in each month from the applicable rate schedule to the verified energy savings estimates for the corresponding month. By using the total revenue allocated to each rate schedule from the most recent base rate case, the weighted-average kWh rate will capture the demand component of the distribution rate design.

Beginning the month following the installation of an energy efficiency measure or completion of an energy efficiency project, or phase of a project, the associated lost revenue for each month will be calculated and booked to a regulatory asset. Lost revenues will continue to accumulate each month. Once the underlying energy savings estimates have been verified through the EM&V process, the corresponding lost revenues will be deemed to be verified. At the end of each Program Year, the Company will make a filing for recovery of lost revenues under the LRAM rider. To the extent that any of the energy savings estimates for the Program Year have not yet been verified by the conclusion of the proceeding, the Company will reconcile the energy savings estimates, once verified, with any adjustment reflected in the regulatory asset. Revenues collected under the LRAM rider will be credited to the lost revenue regulatory asset as received. Under the LRAM mechanism, JCP&L is required to file a base rate case no later than five years after the commencement of an approved EE program. In each future base rate case, test year revenues will be adjusted to annualize lost revenues from energy efficiency measures, projects, or project phases, completed during the test year. Upon conclusion of a base rate case, the Company will cease to book to the regulatory asset monthly lost revenues associated with energy efficiency measures, projects, or project phases completed prior to the end of the test year. Once test year energy savings estimates have been verified, corresponding test year lost revenues will be reconciled, as necessary, with any adjustment reflected in the regulatory asset.

¹ As of October 2024, In re the Verified Petition of Jersey Central Power & Light Company for Review and Approval of Increases in, and Other Adjustments to, Its Rates and Charges for Electric Service, and for Approval of Other Proposed Tariff Revisions in Connection Therewith (“JCP&L 2023 Base Rate Filing”), Docket No. ER23030144.

Earnings Test for Rider LRAM

The parties agree that if the calculated ROE exceeds the allowed ROE from the utility's last base rate case by 50 basis points or more, recovery of lost revenues through the LRAM shall not be allowed for the applicable filing period. For purposes of this section, the Company's rate of return on common equity shall be calculated by dividing the Company's net income for the applicable period by the Company's average common equity balance (average of the beginning and ending common equity balances) for the same period. The Company's net income shall be calculated by subtracting from distribution operating income, any clause related net income, and interest expenses. The Company's average common equity balance shall be the ratio of Electric Distribution Net Plant (including the Electric Distribution allocation of common plant) to total Net Plant for the average common equity balance period multiplied by the Company's total common equity for the same period.

In addition, the parties further agree that an adjustment to the earnings calculation for pension and OPEB expense will be made using the following steps: (1) remove the pension and OPEB mark-to-market gains/losses, recorded by JCP&L; and (2) include the recalculated amount of the most recent 12-month test year pension and OPEB expense by amortizing the net accumulated actuarial loss over future periods using the delayed recognition method.

JCP&L Energy Efficiency and Conservation Plan
Program Years January 1, 2025 through June 30, 2027
Minimum Filing Requirements for Annual Rider RRC Rate
Filing EE&C Plan II Component
(Rider RRC MFRs – EE&C Component)

1. Information on direct FTE employment impacts including a breakdown by each of the Board approved JCP&L EE&C programs. The Company will not be responsible for addressing the level of employment activity for HVAC and/or HPES contractors that are hired by the customers unless those contractors are hired by JCP&L.
2. A monthly revenue requirement calculation based on EE&C Plan expenditures, including the investment and cost components showing the actual monthly revenue requirement for each of the past twelve (12) months or Rider RRC review period, as well as supporting calculations, including the information related to the tax rate and revenue multiplier used in the revenue requirement calculation. The utility shall provide electronic copies of such supporting information, with all inputs and formulae intact, where applicable.
3. For the review period, actual Rider RRC revenues, by month and by rate class.
4. Monthly beginning and ending Rider EE&C deferred balances, as well as the average deferred balance, net of tax, for the actual past twelve (12) months or Rider RRC review period review period and forecast period.
5. The interest rate used for each month for over/under deferred balance recoveries for Rider RRC, and all supporting documentation and calculations for the interest rate.
6. The interest expense to be charged or credited to ratepayers each month.
7. A schedule showing budgeted versus actual EE&C Plan costs for the Rider RRC review period, by the following categories: administration, marketing, outside services, incentives (including rebates and financing), inspections and quality control, and evaluation.
8. A schedule showing projected versus actual revenues for Rider RRC.
9. The monthly journal entries utilized (including the accounts and account numbers) relating to regulatory asset and deferred O&M expenses related to the EE&C Plan for the actual Rider RRC review period.
10. Information supporting the carrying cost used for the unamortized portion of the deferred balance in Rider RRC.

11. If seeking an increase in rates, a draft public notice for a public hearing on the Rider RRC petition and proposed publication dates.
12. Proposed Rider RRC Tariff page(s), including both a clean copy of the proposed page(s) and a redline of the page(s) showing changes from the page(s) then in effect.
13. Net rate impact of any proposed rate changes on the average usage customer for each rate class.
14. Number of participants for each of the Board approved JCP&L EE&C Plan programs.
15. For programs that provide incentives for conversion of energy utilization to electricity from other energy sources (e.g., converting from gas to electric furnaces) the company shall identify:
 - i. the number of such projects;
 - ii. an estimate of the increase in annual electric demand and energy associated with these projects; and
 - iii. the avoided use of natural gas and/or other fuels.
16. In areas where electric and gas service territories overlap, the Company shall provide:
 - i. The number of projects in progress and completed.
 - a. For each project, identify which utility is the lead utility providing the program services and the partner utility with whom the services were coordinated.

JCP&L Energy Efficiency and Conservation Plan
Program Years January 1, 2025 through June 30, 2027
Minimum Filing Requirements for Annual Rider LRAM Rate Filing
(Rider LRAM MFRs)

1. A schedule showing the monthly amounts actually deferred and projected to be deferred in Rider LRAM during the Rider LRAM review period, including information about the accounts and account numbers used for such deferrals.
2. Documentation supporting the monthly amounts actually deferred in Rider LRAM during the Rider LRAM review period.
3. Monthly beginning and ending Rider LRAM deferred balances, net of tax, for the actual past twelve (12) months or the Rider LRAM review period.
4. The interest rate used for each month for over/under deferred balance recoveries for Rider EE&C, and all supporting documentation and calculations for the interest rate.
5. The interest expense to be charged or credited to ratepayers for each month.
6. Estimated demand and energy savings by each program during the Rider LRAM review period, including a breakdown by subprogram as applicable.
7. A statement providing the projected date for completion of the Evaluation, Measurement & Verification (“EM&V”) report by JCP&L’s independent EM&V contractor, which, upon its completion, will be provided as a supplement to the Rider LRAM filing.
8. If seeking an increase in rates, a draft public notice for a public hearing on the Rider LRAM petition and proposed publication dates.
9. Proposed Rider LRAM Tariff page(s), including both a clean copy of the proposed page(s) and a redline of the page(s) showing changes from the page(s) then in effect.
10. Net rate impact of any proposed rate changes on the average usage customer for each rate class.

Program Summary Worksheet (Table 1)

Rows

Sector	Program Name	Program Year
Residential	Behavioral	T1 Total
	Behavioral	T2 Total
	Behavioral	T3 Total
	Income Qualified	T1 Total
	Income Qualified	T2 Total
	Income Qualified	T3 Total
	Energy Efficient Proc	T1 Total
	Energy Efficient Proc	T2 Total
	Energy Efficient Proc	T3 Total
	Whole Home	T1 Total
	Whole Home	T2 Total
	Whole Home	T3 Total
	Multifamily	T1 Total
	Multifamily	T2 Total
	Multifamily	T3 Total
Commercial and Industrial	Energy Solutions	T1 Total
	Energy Solutions	T2 Total
	Energy Solutions	T3 Total
	Direct Install	T1 Total
	Direct Install	T2 Total
	Direct Install	T3 Total
	Prescriptive and Cus	T1 Total
	Prescriptive and Cus	T2 Total
	Prescriptive and Cus	T3 Total
Utility Led	Building Decarbonizi	T1 Total
	Building Decarbonizi	T2 Total
	Building Decarbonizi	T3 Total
	Demand Response	T1 Total
	Demand Response	T2 Total
	Demand Response	T3 Total
	Next Generation Sav	T1 Total
	Next Generation Sav	T2 Total
	Next Generation Sav	T3 Total
	Other Portfolio	T1 Total
	Other Portfolio	T2 Total
	Other Portfolio	T3 Total
	Total	T1 Total
	Total	T2 Total
	Total	T3 Total

Columns

NUCT Benefit Cost Ratio (\$)
Cost To Achieve (Achieved) \$/Lifetime therms
Cost To Achieve (Achieved) \$/Lifetime kWh
Cost To Achieve (Forecasted) \$/Lifetime therms
Cost To Achieve (Forecasted) \$/Lifetime kWh
Total Costs (\$) Achieved
Total Costs (\$) Forecasted
Net Annual Achieved Gas Savings (MMBtu)
Net Annual Forecasted Gas Savings (MMBtu)

Columns

Jersey Cost Test Results (Forecasted)

Columns

New Jersey Civil Fee Schedule (Percentage)									
1. Initial Fee and Initial Retainer Fee for any New Jersey Case	2. Litigation Awarded Attorney's Fees (Case Costs)	3. Litigation Awarded Plaintiff's Attorney's Fees (Case Costs)	4. Litigation Awarded Defendant's Attorney's Fees (Case Costs)	5. Litigation Awarded Plaintiff's Attorney's Fees (Settlement Costs)	6. Litigation Awarded Defendant's Attorney's Fees (Settlement Costs)	7. Litigation Awarded Plaintiff's Attorney's Fees (Settlement Costs)	8. Litigation Awarded Defendant's Attorney's Fees (Settlement Costs)	9. Litigation Awarded Plaintiff's Attorney's Fees (Settlement Costs)	10. Litigation Awarded Defendant's Attorney's Fees (Settlement Costs)

Appendix A Worksheet

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Appendix B Worksheet

[illegible]

Appendix C: Total Budget Summary, Including Annual Budget Summary and Joint Budgets with Partner Utilities												
T2 Program												
Program Year	Total Budget Summary	Lead Program Budget										
Program Year 4												
Program Year 5												
Program Year 6												
Portfolio Total												
NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Program Years 4 - 6	Savings Outflow (\$ million)		Savings Outflow (kWh)		Savings Outflow (therms)		Savings Inflow (\$ million)		Savings Inflow (kWh)		Savings Inflow (therms)	
Utility	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs
ACE												
ETG												
JCP&L												
NING												
PSE&G												
RECO												
SIG												
NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Program Year 4	Savings Outflow (\$ million)		Savings Outflow (kWh)		Savings Outflow (therms)		Savings Inflow (\$ million)		Savings Inflow (kWh)		Savings Inflow (therms)	
Utility	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs
ACE												
ETG												
JCP&L												
NING												
PSE&G												
RECO												
SIG												
NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Program Year 5	Savings Outflow (\$ million)		Savings Outflow (kWh)		Savings Outflow (therms)		Savings Inflow (\$ million)		Savings Inflow (kWh)		Savings Inflow (therms)	
Utility	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs
ACE												
ETG												
JCP&L												
NING												
PSE&G												
RECO												
SIG												
NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Program Year 6	Savings Outflow (\$ million)		Savings Outflow (kWh)		Savings Outflow (therms)		Savings Inflow (\$ million)		Savings Inflow (kWh)		Savings Inflow (therms)	
Utility	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs	To Partner EDCs	To Partner GDCs
ACE												
ETG												
JCP&L												
NING												
PSE&G												
RECO												
SIG												

Therms to kwh- conversion details to be provided by the utilities in their net budget transfer reporting, if applicable.

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Appendix E Worksheet (Cost Test Tables)

Columns

Rows

Total Resource Cost Test (TRC)		
BENEFITS		
1	Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	
2	Lifetime Avoided Wholesale Electric Capacity Costs	
3	Lifetime Avoided Wholesale Natural Gas Costs	
4	Lifetime DRIPE Benefits (E&G)	
5	Lifetime Avoided RPS REC Purchase Costs	
6	Lifetime Avoided Wholesale Volatility Costs (E&G)	
7	Lifetime Avoided T&D Costs (E&G)	
	Total Benefits	1+2+3+4+5+6+7
COSTS		
8	Lifetime Incremental Costs	
9	Lifetime Administration Costs	
	Total Costs	8+9
	Benefit Cost Ratio	(1+2+3+4+5+6+7)/(8+9)
Participant Cost Test (PCT)		
BENEFITS		
10	Lifetime Avoided Retail Electric Costs	
11	Lifetime Avoided Retail Natural Gas Costs	
12	Lifetime Program Incentive Costs	
13	Lifetime Time-Value of Loan Repayments	
	Total Benefits	10+11+12+13
COSTS		
14	Lifetime Participant Costs	
	Total Costs	14
	Benefit Cost Ratio	(10+11+12+13)/14
Program Administrator Cost Test (PAC)		
BENEFITS		
15	Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	
16	Lifetime Avoided Wholesale Electric Capacity Costs	
17	Lifetime Avoided Wholesale Natural Gas Costs	
18	Lifetime DRIPE Benefits (E&G)	
19	Lifetime Avoided RPS REC Purchase Costs	
20	Lifetime Avoided Wholesale Volatility Costs	
21	Lifetime Avoided T&D Costs	
	Total Benefits	15+16+17+18+19+20+21
COSTS		
22	Lifetime Administration Costs	
23	Lifetime Program Investment Costs	
24	Lifetime Time-Value of Loan Repayments	
	Total Costs	22+23+24
	Benefit Cost Ratio	(15+16+17+18+19+20+21)/(22+23+24)
Ratepayer Impact Measure Test (RIM)		
BENEFITS		
25	Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	
26	Lifetime Avoided Wholesale Electric Capacity Costs	
27	Lifetime Avoided Wholesale Natural Gas Costs	
28	Lifetime DRIPE Benefits (E&G)	
29	Lifetime Avoided RPS REC Purchase Costs	
30	Lifetime Avoided Wholesale Volatility Costs	
31	Lifetime Avoided T&D Costs	
	Total Benefits	25+26+27+28+29+30+31
COSTS		
32	Lifetime Administration Costs	
33	Lifetime Program Investment Costs	
34	Lifetime Re-allocated Distribution Costs	
35	Lifetime Time-Value of Loan Repayments	
	Total Costs	32+33+34+35
	Benefit Cost Ratio	(25+26+27+28+29+30+31)/(32+33+34+35)
Societal Cost Test (SC)		
BENEFITS		
36	Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	
37	Lifetime Avoided Wholesale Electric Capacity Costs	
38	Lifetime Avoided Wholesale Natural Gas Costs	
39	Lifetime DRIPE Benefits (E&G)	
40	Lifetime Avoided RPS REC Purchase Costs	
41	Lifetime Avoided Wholesale Volatility Costs	
42	Lifetime Avoided T&D Costs	
43	Lifetime Avoided Emissions Damages	
44	Job and Savings Multiplier Benefits	
45	Non-Energy Benefit Adder	
46	Low-Income Adder	
	Total Benefits	36+37+38+39+40+41+42+43+44+45+46
COSTS		
45	Lifetime Incremental Costs	
46	Lifetime Administration Costs	
	Total Costs	45+46
	Benefit Cost Ratio	(36+37+38+39+40+41+42+43+44+45+46)/(45+46)
New Jersey Cost Test (NJCT)		
BENEFITS		
47	Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	
48	Lifetime Avoided Wholesale Electric Capacity Costs	
49	Lifetime Avoided Wholesale Natural Gas Costs	
50	Lifetime DRIPE Benefits (E&G)	
51	Lifetime Avoided Electric Transmission Costs	
52	Lifetime Avoided Distribution Costs	
53	Lifetime Avoided Emissions Damages	
54	Non-Energy Benefit Adder	
55	Low-Income Adder	
	Total Benefits	47+48+49+50+51+52+53+54+55
COSTS		
56	Lifetime Incremental Costs	
57	Lifetime Administration Costs	
	Total Costs	56+57
	Benefit Cost Ratio	(47+48+49+50+51+52+53+54+55)/(56+57)
	Net income	Total benefits - total costs
	shareholders' equity	Total assets - total liabilities
	ROE	Net income / shareholders' equity

Res	CEI	MF	LMI	Total Portfolio	Res - Behavioral	EE Products	Income Qualified	Whole House	Demand Response Programs	Building Decarbonization Programs	Next Generation Savings	Multi-Family	Prescription/Custom	Energy Solutions for Business	Direct Install	Workforce Development	CEO Outreach
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Appendix E Worksheet (Summary Cost Test Table)

[illegible]

Appendix F Worksheet

Appendix F: Quantitative Performance Indicators by Program Year								
	Net Annual Energy Savings (Source MMBtu)	Net Annual Demand Savings (Peak MW)	Net Annual Demand Savings (Peak-day therm)	Net Lifetime Energy Savings (Source MMBtu)	LMI and OBC Net Lifetime Energy Savings (Source MMBtu)	Small Business Net Lifetime Energy Savings (Source MMBtu)	Cost to Achieve (\$/ Lifetime Source MMBtu)	
Program Year 4								
Program Year 5								
Program Year 6								
T2 Portfolio Total								
NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
	Net Annual Energy Savings (Source MWh)	Net Annual Energy Savings (Source therms)	Net Lifetime Energy Savings (Source MWh)	Net Lifetime Energy Savings (Source therms)	LMI and OBC Net Lifetime Energy Savings (Source MWh)	LMI and OBC Net Lifetime Energy Savings (Source therms)	Small Business Net Lifetime Energy Savings (Source MMBtu)	Small Business Net Lifetime Energy Savings (Source MMBtu)
Program Year 4								
Program Year 5								
Program Year 6								
T2 Portfolio Total								

	Net Annual Energy Savings (Source MMBtu)	Net Annual Demand Savings (Peak MW)	Net Annual Demand Savings (Peak-day therm)	Net Lifetime Energy Savings (Source MMBtu)	LMI and OBC Net Lifetime Energy Savings (Source MMBtu)	Small Business Net Lifetime Energy Savings (Source MMBtu)	Cost to Achieve (\$/ Lifetime Source MMBtu)	
Program Year 7								
Program Year 8								
Program Year 9								
T3 Portfolio Total								
NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
	Net Annual Energy Savings (Source MWh)	Net Annual Energy Savings (Source therms)	Net Lifetime Energy Savings (Source MWh)	Net Lifetime Energy Savings (Source therms)	LMI and OBC Net Lifetime Energy Savings (Source MWh)	LMI and OBC Net Lifetime Energy Savings (Source therms)	Small Business Net Lifetime Energy Savings (Source MMBtu)	Small Business Net Lifetime Energy Savings (Source MMBtu)
Program Year 7								
Program Year 8								
Program Year 9								
T3 Portfolio Total								

Appendix G Worksheet - Additional Utility-Led Initiatives (Bldg Decarbonization Table)

Building Decarbonization Metrics																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Net annual peak demand and savings by fuel (electricity and natural gas only) (peak MW or peak-day therm)					CO2 emissions impacts by fuel (CO2e MT)					Net CO2 emissions impacts across fuels (All Fuels (sum of prior 4 columns))					Levelized cost per metric ton of CO2e (costs levelized over the life of the ALU, as appropriate, of the measure of savings divided by lifetime net CO2e impact)					Number of distributors and contractors engaged in the program					Number of program participants and installations, overall and for LMI					Number and geographic location of installations																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Electric	Natural Gas	Fuel Oil	Propane	Savings	Electric	Natural Gas	Fuel Oil	Propane	All Fuels (sum of prior 4 columns)	Levelized cost per metric ton of CO2e (costs levelized over the life of the ALU, as appropriate, of the measure of savings divided by lifetime net CO2e impact)	Number of distributors and contractors engaged in the program	Number of program participants and installations, overall and for LMI	Number and geographic location of installations	Electric	Natural Gas	Fuel Oil	Propane	All Fuels (sum of prior 4 columns)	Levelized cost per metric ton of CO2e (costs levelized over the life of the ALU, as appropriate, of the measure of savings divided by lifetime net CO2e impact)	Number of distributors and contractors engaged in the program	Number of program participants and installations, overall and for LMI	Number and geographic location of installations																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

Appendix G Worksheet - Additional Utility-Led Initiatives (Demand Response Table)

Demand Response Metrics								
	Dollars spent per customer enrolled per \$ spent (\$/participant) by segment for each proposed program		Dollars spent per capacity enrolled (\$/therm) by each segment for each proposed program		Intensity impact (tons CO2 during peak event) for each proposed program. The utility shall, based on the program design, define the specific calculation to measure intensity impact;		Ratio of number of customer responses to control requests over number of control requests.	
	Residential	Commercial & Industrial	Residential	Commercial & Industrial	Residential	Commercial & Industrial	Residential *	Commercial & Industrial
Program Year 4								
Program Year 5								
Program Year 6								
Program Year 7								
Program Year 8								
Program Year 9								
Total								

Appendix H Worksheet – Measure Incentive Ranges

For the measures listed, across utilities the labeling/naming of each measure should be consistent. For any values with ranges, the utilities must provide additional information and references for those cost ranges. Specify how the values within the range is used for calculations.

[illegible]

Assumptions Worksheet (Program Tariff Allocations & Marginal Loss Factors)

Reference Table 1. Program Tariff Allocations
NEW Source: XX

[illegible]

Reference Table 2. Marginal Loss Factors

[illegible]

Assumptions Worksheet (Portfolio Assumptions Table)

Reference Table 3. Portfolio Assumptions

				NEW
	category	unit	input	Source(s)
Timing Assumptions				
	Model Start Date	date		
	Program Start Date	date		
	First Program Year	date		
Measure Characterization				
	Number of Measures	count		
	Number of Programs	count		
	Therm to MCF Conversion	ratio		
	kWh to MMBtu Conversion	ratio		
NPV Assumptions				
	Discount Rate for TRC/PCT/PAC/RIM	%		
	Discount Rate for SCT/NJCT	%		
	NPV Start Date	date		
Program Repayment Assumptions				
	Loan Repayment Percentage	%		
Utility and Supply Assumptions				
	Electric Secondary Loss Factor - Energy	%		
	Electric Primary Loss Factor - Energy	%		
	Electric Subtransmission Loss Factor - Energy	%		
	Electric Transmission Loss Factor - Energy	%		
	Electric Secondary Loss Factor - Demand	%		
	Electric Primary Loss Factor - Demand	%		
	Electric Subtransmission Loss Factor - Demand	%		
	Electric Transmission Loss Factor - Demand	%		
	Average-to-Marginal Loss Adjustment Factor	%		
	Natural Gas Losses Factor	%		
	Capacity Market Realization Delay	years		
	PJM Forecast Pool Requirement	%		
Volatility Hedge Assumptions				
	Wholesale Electric Volatility Hedge Adder	%		
	Wholesale Natural Gas Volatility Hedge Adder	%		
Economic Assumptions				
	Sales and Use Tax Rate	%		
Non-Energy Benefits				
	NEB Adder	%		
	Low-Income Adder	%		
DRIPE Adder				
	Electric Energy	%		
	Electric Capacity	%		
	Natural Gas	%		

Abbreviations & References Worksheet

<p>Abbreviations</p> <p>Please specify all the abbreviations used in the document here.</p>	<p>References and estimates used</p> <p>Mention the Sources of information to verify the rates and costs used for calculations. Specify any estimates/Thresholds used for calculations here if not mentioned anywhere else.</p>
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