STATE OF NEW JERSEY

Board of Public Utilities
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www.nj.gov/bpu/

ENERGY AND CLEAN ENERGY

IN THE MATTER OF THE PETITION OF PUBLIC SERVICE ELECTRIC AND GAS COMPANY FOR APPROVAL OF ITS CLEAN ENERGY FUTURE ENERGY EFFICIENCY II (CEF-EE II) PROGRAM ON A REGULATED BASIS	)	ORDER ADOPTING STIPULATION DOCKET NO. QO23120874

Parties of Record:

Brian O. Lipman, Esq., Director, New Jersey Division of Rate Counsel
Stacey M. Mickles, Esq., Public Service Electric and Gas 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
Kaitlin Morrison, Esq., and **Maggie Broughton, Esq.,** Counsel for the New Jersey Progressive Equitable Energy Coalition, the Natural Resources Defense Council, and the Sierra Club

BY THE BOARD:[1]

On December 1, 2023, Public Service Electric & Gas Company ("PSE&G" or "Company") filed a petition with the New Jersey Board of Public Utilities ("Board" or "BPU") seeking approval to invest approximately $3.4 billion in its Clean Energy Future – Energy Efficiency II Program ("CEF-EE II") 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 PSE&G, 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, "Signatory 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 electric and gas utilities to reduce customer use of electricity and natural

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[1] Commissioner Marian Abdou abstained from voting on this matter.

gas in their respective service territories.

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
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> (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 September 23, 2020, the Board approved a stipulation of settlement authorizing PSE&G to implement its Clean Energy Future-Energy Efficiency ("CEF-EE") Program.[4]

On September 20, 2022, PSE&G filed a letter petition to extend the term of the CEF-EE Program for a nine (9)-month period, October 1, 2023 through June 30, 2024, to align the program with the three (3)-year Triennium 1 program cycle authorized by the Board for the other utilities ("Letter Petition"). Additionally, by the Letter Petition, PSE&G sought authorization to offer electric CEF-EE programs to PSE&G gas customers who are also Butler Power and Light Company ("Butler") customers during the extension period. By Order dated October 10, 2022, the Board determined that the Letter Petition satisfied the requirement that Butler Electric submit a proposal to deliver EE and PDR programs to Butler customers.[5] In addition, by Order dated May 24, 2023, the Board approved the extension of the term of the CEF-EE Program through June 30, 2024.[6]

On November 9, 2023, PSE&G filed a letter petition with the Board, requesting authorization to

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[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 Public Service Electric and Gas Company for Approval of Its Clean Energy Future – Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 and EO18101113, Order dated September 23, 2020.

[5] In re the Implementation of L. 2018, c. 17 Regarding the Establishment of Energy Efficiency and Peak Demand Reduction Programs, Butler Electric, BPU Docket Nos. QO19010040 and QO20100684, Order dated October 12, 2022.

[6] In re the Petition of Public Service Electric and Gas Company for Approval of Its Clean Energy Future – Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 and EO18101113, Order dated May 24, 2023.

extend the term of the CEF-EE Program from July 1, 2024 through December 31, 2024. By Order dated May 22, 2024, the Board approved a stipulation of settlement to extend the term of the CEF-EE Program through December 31, 2024.[7]

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 addressed certain aspects of the Triennium 2 framework.[8] By Order dated July 26, 2023, the Board approved the remaining aspects of the Triennium 2 framework.[9] 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.[10] 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.

[7] In re the Petition of Public Service Electric and Gas Company for Approval of its Clean Energy Future-Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 and EO18101113, Order dated May 22, 2024.

[8] 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").

[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 July 26, 2023 ("July 2023 Order").

[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, BPU Docket No. QO23030150, Order dated October 25, 2023 ("October 2023 Order").

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.[11] By the September 2023 Order, the Board retained this matter for hearing and, pursuant to N.J.S.A. 48:2-32, designated Commissioner Mary-Anna Holden as Presiding Commissioner.

By Order dated January 10, 2024, considering Commissioner Holden's retirement, the Board designated President Guhl-Sadovy as Presiding Commissioner in this matter, authorized to rule on all motions that arise during the pendency of this proceeding and modify schedules that may be set as necessary to secure a just and expeditious determination of all issues.[12]

[11] 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"). The September 2023 Order 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.

[12] 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 ("January 2024 Order"). By the January 2024 Order, the Board also designated Commissioner Abdou as the Presiding Commissioner for the New Jersey Natural Gas Company ("NJNG"), Elizabethtown Gas ("ETG"), and South Jersey Gas Company ("SJG") filings, BPU Docket Nos. QO23120868, QO23120869, and QO23120870.

DECEMBER 2023 PETITION

By the Petition, the Company proposed a total budget of approximately $3.4 billion 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	$401,684,087
		Income Qualified	$335,091,497
		EE Products	$286,364,613
		Behavioral	$44,304,656
	Commercial	Energy Solutions	$799,093,758
		Prescriptive and Custom	$639,111,726
		Direct Install	$318,160,018
	Multifamily	Multifamily	$224,116,297
Utility-Led		Building Decarbonization	$221,865,450
		Demand Response	$27,432,213
		Next Generation Savings	$27,500,000
Other Portfolio Costs		Capital Cost	$37,000,000
		Administration	$17,521,000
		Workforce Development	$42,965,600
Total			**$3,422,210,918**

To recover the revenue requirement associated with CEF-EE II, PSE&G proposed the introduction of a new CEF-EE II Component ("CEF-EE IIC") of its electric and gas Green Programs Recovery Charge ("GPRC") rider. The CEF-EE IIC would be applied utilizing a per-kilowatt-hour ("kWh") basis for electric rate schedules. Additionally, the Company proposed a per-therm basis to be used for all applicable gas rate schedules. The initial CEF-EE IICs would be established based on estimated revenue requirements of the CEF-EE II from January 1, 2025 to September 30, 2025. Subsequently, adjustments to the CEF-EE IIC components of the GPRC would occur during the BPU's annual review, incorporating a true-up for actuals and an estimate of revenue requirements for the upcoming year, consistent with the approach for other Board-approved EE programs. The maximum program amortization period is proposed to be set at ten (10) years. Additionally, PSE&G proposed earning a return on its net investment in CEF-EE II. This return would be determined by an authorized return on equity ("ROE") and a capital structure that includes income tax effects. For the Petition, the relevant metric is the weighted average cost of capital ("WACC"), as previously authorized in the Company's 2018 base rate case, with consideration for future potential revisions. PSE&G indicated that the Company would calculate interest on over and under-recoveries using the interest rate from its commercial paper and/or bank credit lines in the preceding month. In cases where both sources are used, a weighted average would be calculated. If neither source is utilized, the last calculated rate would be applied.

Based upon the requests in the Petition, a typical residential PSE&G electric customer using 740 kWh in a summer month and 577 kWh in an average month, or 6,920 kWh annually, would initially see a decrease in their average monthly bill of $0.20. Additionally, a typical residential gas heating customer using 172 therms in a winter month and 87 average monthly therms, or 1,040 therms annually, would experience an initial increase in their average monthly bill of $0.38.

By the Petition, the Company further proposed to offer its electric CEF-EE II programs to PSE&G gas customers who are also Butler customers.

On December 28, 2023, Staff issued PSE&G a letter of administrative deficiency ("Letter") identifying administratively incomplete portions of the Petition and requesting that the Company cure any deficiencies. On January 5, 2024, PSE&G filed an update to the Petition to cure the deficiencies identified in the Letter ("Update"). On January 12, 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. The 180-day period for the Board to review the Petition commenced on January 5, 2024.

By the January 2024 Order, 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.[13] 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, President Guhl-Sadovy granted intervenor status to EEA-NJ; NJLEUC; and the Eastern Environmental Law Center ("EELC") on behalf of the Natural Resources Defense Council, the New Jersey Progressive Equitable Energy Coalition, and the Sierra Club (collectively, "Environmental Intervenors"), and participant status to Enerwise Global Technologies, Inc. d/b/a CPower; Convergent Energy and Power ("Convergent"); Advanced Energy United, Inc.; Google LLC.; Uplight Inc.; and the joint utilities: Atlantic City Electric Company, ETG, Jersey Central Power & Light Company, NJNG and SJG.[14]

On March 19, 2024, the parties to this proceeding executed a stipulation of settlement proposing to extend the 180-day review period to October 15, 2024 ("180-Day Stipulation"). By Order dated March 28, 2024, President Guhl-Sadovy approved the 180-Day Stipulation, extended the 180-day review period to October 15, 2024, and established a procedural schedule for this matter.[15]

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[13] 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.

[14] In re the Petition of Public Service Electric and Gas Company for Approval of Its Clean Energy Future - Energy Efficiency II (CEF-EE II) Program on a Regulated Basis – Order Ruling on Motions to Intervene or Participate, BPU Docket No. QO23120874, Order dated February 26, 2024.

[15] In re the Petition of Public Service Electric and Gas Company for Approval of Its Clean Energy Future - Energy Efficiency II (CEF-EE II) Program on a Regulated Basis, BPU Docket No. QO23120874, Order dated March 28, 2024.

Through a series of additional Orders, President Guhl-Sadovy further modified the procedural schedule in this matter, 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.[16]

Following proper notice in newspapers of general circulation and upon affected municipalities and counties within PSE&G's service territory, two (2) virtual public hearings were held on May 30, 2024 at 4:30 p.m. and 5:30 p.m. Two (2) parties and eight (8) members of the public provided comments at the hearings. Additionally, the Board received five (5) written comments in this matter. Two (2) parties and other commenters generally expressed support for the CEF-EE II program, including support for programs that maximize EE and protect low- and moderate-income customers and greater geothermal heat pump incentives for commercial EE program participants. Other commenters noted issues regarding installation of heat pumps, confusion surrounding heat pump rebates, and voiced opposition to certain initiatives regarding fuel switching and closed networks in urban enterprise zones.

On October 6, 2024, the parties to this matter 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, President Guhl-Sadovy issued an Order approving the Second 180-Day Stipulation and extended 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.[17]

STIPULATION

Following discovery and settlement discussions, the Signatory Parties executed the Stipulation. The Stipulation provides, in relevant part, for the following:[18]

23. The Signatory Parties agree that, subject to Board approval of the Stipulation, PSE&G may implement CEF-EE II under the terms and conditions described in the Stipulation for a term of two-and-one-half years commencing January 1, 2025 and ending June 30, 2027. CEF-EE II will include implementation, administration, and investment in eight (8) EE core programs and two (2) additional programs: DR and BD. The EE core programs are comprised of four (4) residential, three (3) commercial and industrial ("C&I"), and one (1) multi-family program.

24. In addition to the programs above, the Company will also continue its Clean Energy Jobs program as required in the May 2023 and July 2023 Orders related to workforce development ("WFD"). The Company shall develop a WFD implementation plan, community benefits plan, and evaluation plan, including performance metrics, before or

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[16] In re the Petition of Public Service Electric and Gas Company for Approval of Its Clean Energy Future - Energy Efficiency II (CEF-EE II) Program on a Regulated Basis, BPU Docket No. QO23120874, Order dated June 3, 2024; In re the Petition of Public Service Electric and Gas Company for Approval of Its Clean Energy Future - Energy Efficiency II (CEF-EE II) Program on a Regulated Basis, BPU Docket No. QO23120874, Order dated July 1, 2024.

[17] In re the Petition of Public Service Electric and Gas Company for Approval of its Clean Energy Future-Energy Efficiency II (CEF-EE II) Program on a Regulated Basis, BPU Docket No. QO23120874, Order dated October 15, 2024.

[18] 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.

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.

25. Upon receipt of any monies received by the utility 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.

26. Except as set forth in the Stipulation, the Company will not designate any WFD program funds toward wraparound services. Consistent with the May 2023 Order and Triennium 1, the Company will continue to 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 Clean Energy Jobs program for wraparound services. The Company will use its best efforts to exhaust all reasonable avenues to seek replacement funding for wraparound services. To the extent that programs or funding are not available or funding is insufficient, the Company may utilize CEF-EE II dollars to provide these services up to $500,000 of its approved WFD budget and will coordinate with utilities in overlapping territory to minimize the costs of delivering these services. The Signatory Parties agree to meet between October 2025 and January 2026 to discuss if PSE&G plans to request to transfer additional monies from its WFD budget to wraparound services at that time. In advance of that meeting, PSE&G will provide supporting information, to demonstrate its WFD and wraparound budgets at that time including the sub-categories of its wraparound budget spent and the efforts made to exhaust other reasonable avenues for wraparound funding. Subsequent to the meeting, the Company may submit a request to Staff to shift additional dollars for wraparound services. Staff will provide a response within sixty (60) days of the request. The utilities are encouraged to seek deeper coordination with CBOs for wraparound services in preparation for the third three-year period of programs pursuant to the CEA ("Triennium 3").

27. As it relates to its WFD program, the Company may use up to 1.5% of its O&M budget to provide contractors with performance incentives.

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

29. The Company agrees to withdraw its request to implement the Next Generation Savings program in Triennium 2.

30. The Company 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 Signatory 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").

31. The Signatory Parties agree that the design for the Triennium 2 programs shall be as described in the Company's updated Triennium 2 Program Plan, including both the required core programs and Utility-led programs, included as 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 and the July 2023 Order or as otherwise approved by the Board.

32. The Signatory 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; procurement protocols should include policies and practices (e.g., scoring systems) that encourage supplier diversity (including contractors and subcontractors) and contractor coaching/mentoring of diverse business enterprises;
    - 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 Signatory 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. The 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 and July 2023 Orders, and include any additional updates to incentives that are agreed upon as part of the Stipulation.

35. The Signatory Parties agree that the Company is authorized to offer up to $968 million of principal in financing to its customers that will be repaid by program participants and shall not be charged to ratepayers. The Signatory Parties agree that financing shall continue to be offered at a 0% interest rate for the duration of Triennium 2. 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 the 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. The Company 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 Signatory Parties acknowledge the important role played by rebates and incentive levels in customer adoption of EE measures and that the Signatory 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 Signatory Parties agree to revisit specific Triennium 2 EE Plan rebate/incentive levels if customer participation is inadequate or in excess of the amount 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 of Attachment 1 to the Stipulation, will require Staff approval.

37. Customers in PSE&G's electric and/or gas service territory who meet the criteria for the respective CEF-EE II offerings will be eligible to participate.

Butler Electric Customers

38. The Signatory Parties agree that customers of Butler who are residents of Butler, Bloomingdale, and Kinnelon Boroughs or residents served by Butler in the Township of West Milford and the Borough of Riverdale who are also gas customers of PSE&G ("Butler EE Customers") will be eligible to participate in PSE&G's electric EE program offerings.[19]

39. PSE&G will continue to make and retain EE investments for Butler EE Customers but will credit Butler with the electric energy savings associated with its customers for purposes related to determining compliance with the savings requirements set forth in the CEA and May 2023 Order and July 2023 Order. Butler will count these savings towards their goals for electric energy savings.

[19] Residential Behavioral, BD, and DR programs will not be offered to Butler EE customers as PSE&G does not have access to customer electric usage data. Butler EE Customers may be able to participate in the gas Residential Behavioral program as PSE&G gas customers.

40. The Signatory Parties agree that PSE&G shall not be responsible for achievement of Butler's EE savings targets, and no incentives or penalties shall be assigned to PSE&G related to these targets. PSE&G shall also not be responsible for reporting Butler's EE savings to the BPU.

41. For purposes of the cost-benefit analysis and determining the cost to achieve, PSE&G will include in its calculations the electric energy savings associated with the Butler EE Customers and will retain the savings for purposes related to measuring the cost-effectiveness of its programs and associated cost-benefit analysis. These savings will be removed from PSE&G's savings reports to the BPU.

CEF-EE II Budget by Program

42. The Signatory Parties agree to the CEF-EE II budget as follows:

Sector	Program	Description	Approved Component Budget ($M)
Residential	Whole Home	Provides comprehensive residential energy efficiency assessment and installation services to provide 'one stop shop' for all applicable energy efficiency and decarbonization upgrades for PSE&G residential customers, for weatherization and equipment replacement.	228
	Income Qualified	Similar offering to Whole Home program with 100% incentive coverage for assessment and efficiency upgrades for income-qualified residential customers; also included enhanced financial support for pre-weatherization barrier mitigation and health and safety measures.	169
	Energy Efficient Products	Offers incentives and on-bill repayment ("OBR") for energy efficient equipment and appliances.	192
	Behavioral	Provides electric and gas customers with information about their energy use, the usage of their peers, and suggested actionable steps to produce energy savings through behavioral changes and engagement with other energy efficiency programs.	29
C&I	Energy Solutions	Whole-building engineered savings including expanded outreach, technical assistance, and financial incentives supporting whole-building energy efficiency upgrades through a streamlined suite of energy solutions. Also includes incentives for retro-commissioning and strategic energy management, in addition to OBR.	438
	Prescriptive & Custom	Rebates & OBR for measures such as HVAC, lighting, motors & drives, refrigeration, water heaters, air compressors, food service equipment, and custom measures.	433
	Direct Install	Provides free audit and easy-to-complete process with enhanced incentive coverage and OBR available for relatively simple EE projects for smaller C&I customers.	339
Multifamily	Multifamily	Targeted program directed at the specific challenges of the hard-to-reach customer segment. Offers a standalone program that leverages measures from both Residential and C&I programs with multi-family specific incentive levels and marketing, including OBR.	205
Other	Building	Includes several approaches that incentivize switching	101

Sector	Program	Description	Approved Component Budget ($M)
	Decarbonization	from fossil fuel to electric measures in buildings. OBR will be available for pathways where the incentives do not cover the full cost of the project.	
	Demand Response	Several different demand response approaches to residential and commercial customers to reduce usage during times of high demand, OBR may be available for pathways where there are costs to customers.	26
IT Investments		Technology systems and services to support the CEF-EE II Program.	37
Workforce Development		Workforce development costs for recruitment, training and diversity, including training programs, recruitment services, support services.	12
Total Programmatic Budget			2,210
Net Transfers			-16.1
Total Direct Budget*			2,194

*OBR financing principal is not included in the above values.

43. The Signatory Parties agree that the total programmatic budget for the CEF-EE II period shall not exceed $2.21 billion, which includes a not to exceed value of $279 million in O&M expenses. The Signatory Parties agree that the budget includes $5 million for the Company to conduct a study on geothermal networks. This study will identify potential sites and perform preliminary engineering for a network geothermal project.

44. The Signatory Parties also agree that the budget for net transfers in utility overlapping territories is approximately ($16.1) million, resulting in a total direct budget of approximately $2.194 billion. To the extent that the net transfer budget differs from the stipulated value, PSE&G 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").

CEF-EE II Program Expenditures

45. The Signatory Parties agree that the total programmatic budget for CEF-EE II is $2.21 billion, which includes investment and administrative expenses. Investments include all capital expenditures, direct incentives, incentive payment processing, program customer intake processing, direct marketing and outreach, health and safety, audit, installation labor, project quality assurance/quality control, administration and outside services for third-party program implementation, and EM&V. 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 Signatory Parties also agree that CEF-EE II funds may be utilized for a project that was enrolled during CEF-EE and completed in the CEF-EE II program cycle.

46. The Signatory 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 CEF-EE II Program expenditures will be filed with the Board and submitted for prudency review in annual cost recovery filings by way of PSE&G's annual GPRC proceedings.

Budget Updates

47. The Company 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 program 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:

- PSE&G may shift program budgets within or among the residential, C&I, multifamily, and other sectors. More specifically, within any 365-day period, PSE&G 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, PSE&G 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 PSE&G's request, those requests shall be deemed granted.

48. The Signatory 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 and July 2023 Orders. The Company shall notify Staff and Rate Counsel in its compliance reports the date of its waiver petition and the outcome.

49. The Signatory Parties agree that, for purposes of funds transfers among CEF-EE 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 47 of the Stipulation, the Signatory Parties agree that funds will not be transferred into the BD program.

50. The Signatory Parties agree that, for EE projects that commenced prior to Triennium 2 that require multiple years to complete, either between program cycles or within a

program cycle, the Company will calculate energy savings based on the Technical Reference Manual (“TRM”) in effect when the project commenced.

51. 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 an ROE reduction penalty as defined by the Triennium 2 Performance Incentive Mechanism, the Company may, upon notice to the Signatory Parties, utilize any Triennium 1 funding, including the funding associated with the Triennium 1 Extension period, 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 information as part of the quarterly reports referenced in Paragraph 57 of the Stipulation 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

52. 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	16,357,766
2. Annual Demand Savings	Verified peak demand savings from measures completed in the given program year	10%	Peak MV or peak-day therm	226 MW 255,104 peak day therm
3. Lifetime Energy Savings	Verified lifetime energy savings from measures completed in the given program year	20%	Source MMBtu	151,404,653
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	11,407,970

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	39,415,706
6. Cost to Achieve	Total EE portfolio costs divided by total portfolio verified lifetime energy savings	20%	Total EE Portfolio$/ Lifetime source MMBtu	$11.37

53. 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 CEF-EE[20] and CEF-EE II programs, Energy Efficiency 2017 ("EE 17")[21] 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. Any QPIs and energy savings derived from projects completed pursuant to EE 17 will be tracked separately and will not be counted toward the Company's ability to earn an incentive on its Performance Incentive Mechanism during Triennium 2 or future triennia. For the purposes 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, 2024 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 55 of the Stipulation.

54. The Company will perform EM&V for CEF-EE II in accordance with the May 2023 and July 2023 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. All CEF-EE or EE 17 projects and measures completed after January 1, 2025 shall also be included in the CEF-EE II EM&V plan.

55. 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 Technical Reference Manual, 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

[20] In re Public Service Electric and Gas Company for Approval of its Clean Energy Future-Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 and EO18101113, Order dated September 23, 2020.

[21] In re the Petition of Public Service Electric and Gas Company for Approval of its Energy Efficiency 2017 Program and Recovery of Associated Costs ("EE 17 Program"), BPU Docket No. EO17030196, Order dated April 21, 2017.

any changes resulting from the updated Triennium 2 Evaluation Framework, the terms of which shall apply throughout the whole of Triennium 2.

56. 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.

57. The Company shall continue to file required quarterly and annual reports and submit data regarding all the Triennium 2 programs, financing initiatives, and related expenses in accordance with the content, format, and timing dictated by the May 2023 and July 2023 Orders and any subsequent directives regarding the Triennium 2 programs from the Board, with any required adjustments from Triennium 1 to be developed by the EM&V Working Group.

58. The Signatory 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 Signatory Parties reserve all rights to respond to any petition seeking a waiver of any penalties filed by the Company.

Customer Data and Data Sharing

59. Customer information shall be used by the Company to deliver an effective customer experience in compliance with any applicable BPU regulations and statutory obligations. The Company shall enforce privacy and data handling policies and procedures for CEF-EE II that are consistent with PSE&G's customer data security protections, the May 2023 and July 2023 Orders, and any applicable BPU regulations and statutory obligations. In the event of any breach of the above confidentiality by an affiliate, PSE&G shall remediate the breach to the full extent required by law. In the event of any breach of the above confidentiality by a vendor hired to deliver CEF-EE II or to evaluate the programs, the Company commits to enforcing the contractual confidentiality requirement to the extent allowed by 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 Protection Act, N.J.S.A. 56:8-161 et seq., and Section 3b of the BPU's Cybersecurity Order of March 18, 2016.[22]

60. PSE&G agrees that customer-specific data belongs to the customer, who may request or authorize PSE&G to share it with suppliers, and that data gathered during the operation of the CEF-EE II programs not specific to any particular customer belongs to

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

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 61 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.

61. The Signatory Parties also agree that PSE&G may use customer-specific data or program data from other BPU-approved utility programs for CEF-EE II, and that other utility BPU approved programs may use data from CEF-EE II. PSE&G will not share or use customer specific data for non-utility specific BPU programs, including but not limited to programs under PSE&G's Appliance Services Business. Such data may not be used for other purposes without Board approval.

Cost Recovery

62. The agreed upon budget amount includes Company O&M expenses, which shall not exceed $279 million. The Company will recover its actual reasonable and prudently incurred O&M costs through its annual GPRC cost recovery filings.

63. The Signatory Parties also agree that the Company should be authorized to offer OBR financing in the amount of $968 million 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 Signatory 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.

64. Capital Structure/Return on Equity - PSE&G will earn a return on its net investment based upon the authorized ROE and capital structure approved by the Board in its last base rate case proceeding.

65. PSE&G's WACC for its CEF-EE II Program investments will be set based on the WACC established in the Company's 2023 base rate case, which is 7.07%, or 9.14% on a pre-tax basis based on a common equity percentage of 55%, and ROE of 9.60%, and current

tax rates.[23] Attachment 2, Schedule SS-CEF-EE II-1, to the Stipulation shows the calculation of the WACC for the CEF-EE II Program.

66. The Signatory Parties agree that any change in the WACC authorized in a subsequent base rate case will be reflected in the appropriate corresponding subsequent monthly revenue requirement calculations. The Signatory Parties agree that any change in the revenue requirement resulting from the change in the WACC will not be included in the monthly interest calculation for over and under recoveries until the date of the next scheduled annual true-up, but in any event no later than January 1 of the subsequent year. Any changes to the current tax rates would be reflected in an adjustment to the pre-tax WACC and in any corresponding revenue requirement calculation.

67. Recovery of costs associated with the BD program will be recovered from PSE&G electric customers only.

68. The Signatory Parties further agree that the following expenditures will be collected from PSE&G ratepayers.

- Rebates/Direct Investments and associated return on these investments
- Allowance for funds used during construction related to IT investment[24]
- Return on outstanding balance of OBR expenditures
- O&M expenses
- OBR bad debt expenses

69. Any revenues received under the Triennium 2 programs, such as PJM capacity revenues (i.e., 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, or any other source of revenues as a result of the implementation of the Triennium 2 programs, shall be utilized to offset costs to be collected from customers for CEF-EE II. The Company shall offer eligible EE resources into the PJM capacity market to the extent that it remains beneficial to ratepayers and shall credit EE revenue requirements with any PJM capacity market revenues. The Company agrees to continue to confer with Staff and interested parties regarding its approach to participation in the PJM capacity market. The purpose of these discussions is to allow the participants to continue to exchange information and ideas as to how revenues from the Company's participation in the PJM capacity market may be optimized.

70. The Company will include the recovery of the CEF-EE II revenue requirement as a new component of the Company's electric and gas GPRCs.

71. The CEF-EEIIC will be filed annually after the proposed initial period of January 1, 2025 through September 30, 2025. PSE&G's proposed tariff sheets, both red-lined and clean, are attached as Attachment 4 to the Stipulation and reflect the updated GPRC tariff.

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[23] In re the Petition of Public Service Electric and Gas Company for Approval of an Increase in Electric and Gas Rates for Changes in the Tariffs for Electric and Gas Service, B.P.U.N.J No. 17 Electric and B.P.U.N.J. No. 17 Gas, and for Changes in Depreciation Rates, Pursuant to N.J.S.A. 48:2-18, N.J.S.A. 48:2-21.1, and for Other Appropriate Relief, BPU Docket Nos. ER23120924 and GR23120925.

[24] AFUDC estimated cost is approximately $2 million.

72. The electric and gas CEF-EEIICs will be subject to adjustment and true-up through the deferral process, and any required adjustment will be included in the over/under recovery calculation of the CEF-EEIIC to be recovered from or returned to customers over the following year. Any Board ordered cost recovery adjustments resulting from the review of the actual costs will be made to the over/under deferred balance and reflected in the charges established for the following year pursuant to a Final Board Order. The calculation methodology of revenue requirements and the over/under deferred balance is detailed in Attachment 3 to the Stipulation.

73. The Company agrees to file, as part of its true-up petition ("True-Up Filing") for the GPRC, MFRs for CEF-EE II. The list of MFRs is attached to the Stipulation as Attachment 2.

74. The Signatory Parties agree to amortize the CEF-EE II investments, excluding Information Technology ("IT") and OBR, over a ten (10)-year period. Investment other than financing costs will be expensed when incurred for tax purposes and flowed back to customers as shown in Attachment 2 to the Stipulation, Schedules SS-CEF-EE II-2E and SS-CEF-EE II-2G. IT investments will be amortized in accordance with PSE&G's accounting policy and generally accepted accounting principles, which is currently a five (5)-year book amortization period and three (3)-year straight-line period for tax purposes. IT tax deductions will also be flowed back to customers as shown in Attachment 2 to the Stipulation. OBR investments will be amortized over the period consistent with the term of the loans being amortized and collected from CEF-EE II OBR participants.

75. The Signatory Parties stipulate that the Company will file to adjust its electric and gas CEF-EEIICs, as part of the True-Up Filing for the GPRC, with copies provided to the Signatory Parties no later than July 1, 2025 and annually thereafter for the implementation of the proposed revised CEF-EEIICs, on October 1 of each year. Each True-Up Filing will contain a reconciliation of its projected CEF-EEIICs costs and recoveries and actual revenue requirements for the prior period, and a forecast of revenue requirements for the estimated period before Board approval (October 1) and the twelve (12)-month period thereafter, which shall be based upon the Company's most current authorized ROE and capital structure as defined above. The True-Up Filing also will present actual costs incurred since the previous annual review, and those costs will then be reviewed for reasonableness and prudency. The True-Up Filing will also provide information set forth in the MFRs as required in the May 2023 and July 2023 Orders.

76. The True-Up Filing will be subject to review by the Signatory Parties with opportunity for discovery and filed comments prior to the issuance of a Board Order establishing the Company's revised CEF-EEIICs. The issuance of a written Board Order will be preceded by adequate Public Notice and Public Hearings if required by law.

77. PSE&G will continue to recover lost sales revenue resulting from the decrease in customer energy usage resulting from Triennium 2 Programs through its Conservation Incentive Program ("CIP") Surcharge.

Rate and Bill Impacts

78. The initial recovery period for CEF-EE II will be January 1, 2025 through September 30, 2025. Electric customers will see no change in their current bill as a result of the Stipulation. The cumulative increase over the fourteen (14) year recovery period is estimated to be $437.48 or 1.94% for the typical residential electric customer using 6,700 kilowatt-hours annually. The maximum annual increase over the fourteen (14)-year recovery period would occur in year 5 and it is estimated to be $56.80 or 3.53% based upon the current annual bill of $1,610.96.

79. The expected gas CEF-EEIIC for the initial CEF-EE II recovery period will be $0.001717 per therm without sales and use tax ("SUT"), or $0.001831 per therm with SUT. The cumulative increase over the fourteen (14)-year recovery period is estimated to be $355.34 or 2.16% for the typical residential gas heating customer using 1,040 therms annually. The maximum annual increase over the fourteen (14)-year recovery period would occur in year five (5) and it is estimated to be $44.80 or 3.81% based upon the current annual bill of $1,175.94.

80. Attachment 3 to the Stipulation provides the total bill impact to a typical electric and gas residential customer on the incremental investment by year over the life of the program. As a result of the proposed rates set forth in Attachment 4 to the Stipulation, there will be no initial impact of CEF-EE II on PSE&G's typical residential electric customer using 683 kWh in a summer month and 558 kWh in an average month, or 6,700 kWh annually.

81. PSE&G's typical residential gas heating customers using 172 therms in a winter month and 87 average monthly therms, or 1,040 therms annually, would experience an increase in their average monthly bill from $98.70 to $98.86, or $0.16, or approximately 0.16% based on current Delivery Rates and Basic Gas Supply Service charges in effect October 15, 2024 and assuming the customer receives BGSS service from PSE&G.

82. The residential customer bill impacts comparing the current and proposed delivery charges are contained within the Typical Residential Bill Impacts set forth in Attachment 5 to the Stipulation, for the aforementioned typical customers, as well as for other typical customer usage patterns.

Triennium 3 Filing

83. The Signatory Parties anticipate that in 2026, PSE&G 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 Signatory Parties agree that any filing will include the following:

    a. PSE&G agrees that, to include a more comprehensive set of data in its Triennium 3 petition, it will work with the other utilities, Staff, and Rate Counsel to develop the template reporting spreadsheet by June 30, 2025, using Attachment 6 of the Stipulation as a starting point. The Signatory Parties will schedule an initial meeting no later than December 15, 2024. Regardless of reporting format, the Signatory 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 Signatory Parties are unable to agree upon the components of the template reporting spreadsheet by June 30, 2025, the Signatory 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 with 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 Signatory Parties agree that the Company's workpapers supporting Triennium 3 NJCT results will include a separately identified item/column which includes, but is not limited to, the financial returns that are expected to arise from each individual energy efficiency program/measure.

c. PSE&G agrees that loan principal will not appear within the NJCT but any administrative cost passed on to customers of servicing those loans will.

d. PSE&G recognizes that the Statewide Evaluator has identified concerns regarding the level of savings from behavioral programs. PSE&G 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 Signatory 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 cost-to-achieve metrics, and cost-effectiveness of behavioral programming under the NJCT.

e. PSE&G 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.

84. 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 an interest 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 Signatory Parties and the 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 9, 2024, EELC filed a letter of non-opposition to the Stipulation, indicating that they would not sign the Stipulation and neither join nor oppose its execution.

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.

As such, the Board **HEREBY AUTHORIZES** PSE&G to implement a new component of its electric and gas GPRC to recover the costs associated with the CEF-EE II programs. The gas CEF-EE II component of the gas GPRC will be implemented as of January 1, 2025. The electric CEF-EE II component of the electric GPRC will not be implemented at this time but will be included in PSE&G's 2025 GPRC true-up filing. As a result of the Stipulation, a typical residential gas customer using 172 therms in a winter month and 87 average monthly therms, or 1,040 therms annually, would experience an initial increase in their monthly winter bill of $0.31 or 0.16%. The Board **HEREBY AUTHORIZES** PSE&G to continue its previously-approved CIP Program to account for lost revenue resulting from the potential decrease in customer energy usage.

The Board **HEREBY RATIFIES** the decisions made by President Guhl-Sadovy during the pendency of this proceeding for the reasons stated in her decisions and Orders in this proceeding.

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 PETITION OF PUBLIC SERVICE ELECTRIC AND GAS COMPANY FOR APPROVAL OF ITS CLEAN ENERGY FUTURE-ENERGY EFFICIENCY II (CEF-EE II) PROGRAM ON A REGULATED BASIS

DOCKET NO. QO23120874

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October 18, 2024

IN THE MATTER OF THE PETITION OF
PUBLIC SERVICE ELECTRIC AND GAS COMPANY
FOR APPROVAL OF ITS CLEAN ENERGY FUTURE-ENERGY
EFFICIENCY II ("CEF-EE II") PROGRAM ON A REGULATED BASIS

BPU Docket No. QO23120874

VIA ELECTRONIC MAIL
Sherri Golden, Secretary
Board of Public Utilities
44 South Clinton Avenue, 1st Floor
P.O. Box 350
Trenton, New Jersey 08625-0350

Dear Secretary Golden:

Attached is a fully executed Stipulation regarding the above-referenced matter. The following entities, who are parties to the above-referenced matter, have signed the Stipulation: Public Service Electric and Gas Company, the Staff of the New Jersey Board of Public Utilities, the New Jersey Division of Rate Counsel, New Jersey Large Energy Users Coalition and Keystone Energy Efficiency Alliance of New Jersey. Intervenor the Eastern Environmental Law Center for the Natural Resources Defense Council, New Jersey Progressive Equitable Energy Coalition and Sierra Club is not a signatory to the Stipulation, filed a statement of non-opposition to the stipulation of settlement. A copy of the statement is attached for your reference.

Consistent with the Order issued by the New Jersey Board of Public Utilities ("BPU or Board") in connection with In the Matter of the New Jersey Board of Public Utilities' Response to the COVID-19 Pandemic for a Temporary Waiver of Requirements for Certain Non-Essential Obligations, BPU Docket No. EO20030254, Order dated March 19, 2020, this filing is being electronically filed with the Secretary of the Board and the New Jersey Division of Rate Counsel. No paper copies will follow.

If you have any questions, please do not hesitate to contact me. Thank you for your consideration in this matter.

Very truly yours,

Respectfully submitted,

Stacey M. Mickles

Stacey M. Mickles

Attachment
C Attached Service List (E-Mail Only)

IN THE MATTER OF THE PETITION OF PUBLIC SERVICE ELECTRIC AND GAS COMPANY FOR APPROVAL OF ITS CLEAN ENERGY FUTURE-ENERGY EFFICIENCY II (CEF-EE II) PROGRAM ON A REGULATED BASIS

DOCKET NO. QO23120874

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STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES

IN THE MATTER OF THE PETITION OF	)	STIPULATION OF
PUBLIC SERVICE ELECTRIC AND GAS	)	SETTLEMENT
COMPANY FOR APPROVAL OF ITS	)	
CLEAN ENERGY FUTURE-ENERGY EFFICIENCY II	)	BPU Docket No. QO23120874
PROGRAM ("CEF-EE II") ON A REGULATED BASIS	)	

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It is hereby AGREED, by and between Public Service Electric and Gas Company ("PSE&G" 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, "Signatory Parties") to execute this Stipulation of Settlement ("Stipulation") resolving PSE&G'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 Act, L. 2007, c. 340 ("RGGI Act"), by Order dated May 8, 2008, the Board authorized the State'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 the State'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 20, 2024 ("Triennium 1").

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[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 October 11, 2018, PSE&G filed a petition seeking approval of its Triennium 1 EE program. By Order dated September 23, 2020, the Board approved a Stipulation of Settlement authorizing PSE&G to implement its Triennium 1 EE program with a total budget of $1.003 billion.[3] By the September 2020 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 Green Programs Recovery Charge ("GPRC").

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. With respect to the instant petition, on August 29, 2023 and September 5, 2023, joint thirty (30)-day pre-filing meetings were conducted with Staff, Rate Counsel, 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 PSE&G, Staff, and Rate Counsel specifically in connection with this matter.

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[3] In re the Petition of Public Service Electric and Gas Company for Approval of its Clean Energy Future- Energy Efficiency ("CEF-EE") Program on a Regulated Basis, Docket Nos. GO1801112 and EO18121113, Order Adopting Stipulation, Order dated September 23, 2020 ("September 2020 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, Order 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 July 26, 2023 ("July 2023 Framework Order").

[5] The New Jersey utilities that participated in the thirty (30)-day meeting were Atlantic City Electric Company ("ACE"), Elizabethtown Gas Company ("ETG"), Jersey Central Power & Light Company ("JCP&L"), New Jersey Natural Gas Company ("NJNG"), Rockland Electric Company ("RECO"), and South Jersey Gas Company ("SJG").

7. By Order dated September 27, 2023, the Board retained jurisdiction over the EE Triennium 2 petitions, designated presiding commissioners for each filing, and extended the Triennium 2 filing deadline until December 1, 2023.[6]

PETITION

8. On December 1, 2023, PSE&G filed a petition for approval of its Clean Energy Future-Energy Efficiency II Program ("CEF-EE II") pursuant to Section 13 of the RGGI Act.

9. Accompanying the Petition, PSE&G filed the direct testimonies of Karen Reif, Vice President, Renewables and Energy Solutions, PSE&G and Stephen Swetz, Senior Director, Corporate Rates and Revenue Requirements, PSEG Service Corporation.

10. The Petition consisted of eight (8) energy efficiency programs and three (3) other proposed programs, which include the demand response ("DR") and building decarbonization ("BD") programs required by the Framework Orders, and a Next Generation Savings program.[7]

11. The Company proposed a total investment budget for CEF-EE II of approximately $3.11 billion plus an additional operations and maintenance ("O&M") expense budget of 10% over the term of the program for a total of $3.42 billion.

12. Additionally, PSE&G proposed to earn a return on its net investment based on its most recent weighted average cost of capital ("WACC").

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[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").

[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").

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. Additionally, if Staff determines that the petition is not administratively complete, Staff shall 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 with respect to the MFRs ("Deficiency Letter"). In response to the Deficiency Letter, the Company filed supplemental information on January 5, 2024 ("Supplemental Filing"). On January 12, 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 5, 2024, with an expiration date of July 3, 2024.

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[8] October 2023 Order.

16. By Order dated January 10, 2024, the Board designated BPU President Guhl-Sadovy as presiding Commissioner in this matter and extending the date for entities to file Motions seeking leave to intervene or participate.[9]

17. On March 28, 2024, President Guhl-Sadovy issued an Order setting a procedural schedule and approving the Signatory Parties' and the Easter Environmental Law Center's (collectively, "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. PSE&G provided public notice and held two (2) public hearings on the Petition on May 30, 2024. Several members of the public made statements at the public hearings, many of whom commented in support of the Petition.

19. On October 9, 2024, the Eastern Environmental Law Center filed a letter of non-opposition to this Stipulation, indicating that they will not sign the Stipulation and neither join nor oppose its execution.

20. During the course of settlement discussions, by Orders dated May 10, 2024, May 22, 2024, and June 20, 2024, President Guhl-Sadovy 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]

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[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 Public Service Electric and Gas Company for Approval of Its Clean Energy Future - Energy Efficiency II (CEF-EE II) Program on a Regulated Basis, BPU Docket No. QO23120874, Order dated March 28, 2024.

[11] In re the Petition of Public Service Electric and Gas Company for Approval of its Clean Energy Future-Energy Efficiency II (CEF-EE II) Program on a Regulated Basis, BPU Docket No. QO23120874, Order dated June 3, 2024; and In re the Petition of Public Service Electric and Gas Company for Approval of its Clean Energy Future-Energy Efficiency II (CEF-EE II) Program on a Regulated Basis, BPU Docket No. QO23120874, Order dated July 1, 2024.

21. On October 15, 2024, President Guhl-Sadovy 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 31, 2024.[12]

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

STIPULATED MATTERS

23. The Signatory Parties agree that, subject to Board approval of this Stipulation, PSE&G may implement CEF-EE II under the terms and conditions described herein for a term of two-and-one-half years commencing January 1, 2025 and ending June 30, 2027. CEF-EE II will include implementation, administration, and investment in eight (8) EE core programs and two (2) additional programs: DR and BD. The EE core programs are comprised of four (4) residential, three (3) commercial and industrial ("C&I"), and one (1) multi-family program.

24. In addition to the programs above, the Company will also continue its Clean Energy Jobs program as required in the 2023 Framework Orders related to workforce development ("WFD"). 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 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.

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[12] In re the Petition of Public Service Electric and Gas Company for Approval of its Clean Energy Future-Energy Efficiency II (CEF-EE II) Program on a Regulated Basis, BPU Docket No. QO23120874, Order dated October 15, 2024.

25. Upon receipt of any monies received by the utility 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.

26. Except as set forth below, the Company will not designate any WFD program funds toward wraparound services. Consistent with the May 2023 Framework Order and Triennium 1, the Company will continue to 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 Clean Energy Jobs program for wraparound services. The Company will use its best efforts to exhaust all reasonable avenues to seek replacement funding for wraparound services. To the extent that programs or funding are not available or funding is insufficient, the Company may utilize CEF-EE II dollars to provide these services up to $500,000 of its approved WFD budget and will coordinate with utilities in overlapping territory to minimize the costs of delivering these services. The Signatory Parties agree to meet between October 2025 and January 2026 to discuss if PSE&G plans to request to transfer additional monies from its WFD budget to wraparound services at that time. In advance of that meeting, PSE&G will provide supporting information, to demonstrate its WFD and wraparound budgets at that time including the sub-categories of its wraparound budget spent and the efforts made to exhaust other reasonable avenues for wraparound funding. Subsequent to the meeting, the Company may submit a request to Staff to shift additional dollars for wraparound services. Staff will provide a response within 60 days of the request. The utilities are encouraged to seek deeper coordination with CBOs for wraparound services in preparation for the third three-year period of programs pursuant to the CEA ("Triennium 3").

27. As it relates to its WFD program, the Company may use up to 1.5% of its O&M budget to provide contractors with performance incentives.

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

29. The Company agrees to withdraw its request to implement the Next Generation Savings program in Triennium 2.

30. The Company 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 Signatory 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").

31. The Signatory Parties agree that the design for the Triennium 2 programs shall be as described in the Company's updated Triennium 2 Program Plan, including both the required core programs and Utility-led programs, included as 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 Signatory 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; procurement protocols should include policies and practices (e.g., scoring systems) that encourage supplier diversity (including contractors and subcontractors) and contractor coaching/mentoring of diverse business enterprises;
- 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 this 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 Signatory 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 Signatory Parties agree that the Company is authorized to offer up to $968 million of principal in financing to its customers that will be repaid by program participants and shall not be charged to ratepayers. The Signatory Parties agree that financing shall continue to be offered at a 0% interest rate for the duration of Triennium 2. 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. The Company 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 Signatory Parties acknowledge the important role played by rebates and incentive levels in customer adoption of EE measures and that the Signatory 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 Signatory Parties agree to revisit specific Triennium 2 EE Plan rebate/incentive levels if customer participation is inadequate or in excess of the amount 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 of Attachment 1 to this Stipulation, will require Staff approval.

37. Customers in PSE&G’s electric and/or gas service territory who meet the criteria for the respective CEF-EE II offerings will be eligible to participate.

Butler Electric Customers

38. The Signatory Parties agree that customers of Butler Power and Light Company (“Butler”) who are residents of Butler, Bloomingdale, and Kinnelon Boroughs or residents served by Butler in the Township of West Milford and the Borough of Riverdale who are also gas customers of PSE&G (“Butler EE Customers”) will be eligible to participate in PSE&G’s electric EE program offerings.[13]

39. PSE&G will continue to make and retain EE investments for Butler EE Customers but will credit Butler with the electric energy savings associated with its customers for purposes related to determining compliance with the savings requirements set forth in the CEA and Framework Orders. Butler will count these savings towards their goals for electric energy savings.

40. The Signatory Parties agree that PSE&G shall not be responsible for achievement of Butler’s EE savings targets, and no incentives or penalties shall be assigned to PSE&G related to these targets. PSE&G shall also not be responsible for reporting Butler’s EE savings to the BPU.

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[13] Residential Behavioral, BD, and DR programs will not be offered to Butler EE customers as PSE&G does not have access to customer electric usage data. Butler EE Customers may be able to participate in the gas Residential Behavioral program as PSE&G gas customers.

41. For purposes of the cost-benefit analysis and determining the cost to achieve, PSE&G will include in its calculations the electric energy savings associated with the Butler EE Customers and will retain the savings for purposes related to measuring the cost-effectiveness of its programs and associated cost-benefit analysis. These savings will be removed from PSE&G's savings reports to the BPU.

CEF-EE II Budget by Program

42. The Signatory Parties agree to the CEF-EE II budget as follows:

Sector	Program	Description	Approved Component Budget ($M)
Residential	Whole Home	Provides comprehensive residential energy efficiency assessment and installation services to provide 'one stop shop' for all applicable energy efficiency and decarbonization upgrades for PSE&G residential customers, for weatherization and equipment replacement.	228
	Income Qualified	Similar offering to Whole Home program with 100% incentive coverage for assessment and efficiency upgrades for income-qualified residential customers; also included enhanced financial support for pre-weatherization barrier mitigation and health and safety measures.	169
	Energy Efficient Products	Offers incentives and on-bill repayment ("OBR") for energy efficient equipment and appliances.	192
	Behavioral	Provides electric and gas customers with information about their energy use, the usage of their peers, and suggested actionable steps to produce energy savings through behavioral changes and engagement with other energy efficiency programs.	29
C&I	Energy Solutions	Whole-building engineered savings including expanded outreach, technical assistance, and financial incentives	438

Sector	Program	Description	Approved Component Budget ($M)
		supporting whole-building energy efficiency upgrades through a streamlined suite of energy solutions. Also includes incentives for retro-commissioning and strategic energy management, in addition to OBR.	
	Prescriptive & Custom	Rebates & OBR for measures such as HVAC, lighting, motors & drives, refrigeration, water heaters, air compressors, food service equipment, and custom measures.	433
	Direct Install	Provides free audit and easy-to-complete process with enhanced incentive coverage and OBR available for relatively simple EE projects for smaller C&I customers.	339
Multifamily	Multifamily	Targeted program directed at the specific challenges of this hard-to-reach customer segment. Offers a standalone program that leverages measures from both Residential and C&I programs with multi-family specific incentive levels and marketing, including OBR.	205
Other	Building Decarbonization	Includes several approaches that incentivize switching from fossil fuel to electric measures in buildings. OBR will be available for pathways where the incentives do not cover the full cost of the project.	101
	Demand Response	Several different demand response approaches to residential and commercial customers to reduce usage during times of high demand, OBR may be available for pathways where there are costs to customers.	26
IT Investments		Technology systems and services to support the CEF-EE II Program.	37
Workforce Development		Workforce development costs for recruitment, training and diversity, including training programs, recruitment services, support services.	12

Sector	Program	Description	Approved Component Budget ($M)
Total Programmatic Budget			2,210
Net Transfers			-16.1
Total Direct Budget*			2,194

*OBR financing principal is not included in the above values.

43. The Signatory Parties agree that the total programmatic budget for the CEF-EE II period shall not exceed $2.21 billion, which includes a not to exceed value of $279 million in O&M expenses. The Signatory Parties agree that the budget includes $5 million for the Company to conduct a study on geothermal networks. This study will identify potential sites and perform preliminary engineering for a network geothermal project.

44. The Signatory Parties also agree that the budget for net transfers in utility overlapping territories is approximately ($16.1) million, resulting in a total direct budget of approximately $2.194 billion. To the extent that the net transfer budget differs from the stipulated value, PSE&G 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").

CEF-EE II Program Expenditures

45. The Signatory Parties agree that the total programmatic budget for CEF-EE II is $2.21 billion, which includes investment and administrative expenses. Investments include all capital expenditures, direct incentives, incentive payment processing, program customer intake processing, direct marketing and outreach, health and safety, audit, installation labor, project quality assurance/quality control, administration and outside services for third-party program implementation, and EM&V. 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 Signatory Parties also agree that CEF-EE II funds may be utilized for a project that was enrolled during CEF-EE and completed in the CEF-EE II program cycle.

46. The Signatory 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 CEF-EE II Program expenditures will be filed with the Board and submitted for prudency review in annual cost recovery filings by way of PSE&G's annual GPRC proceedings.

Budget Updates

47. The Company 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 program targets during the term of the program in accordance with the limitations and procedures set forth in the 2023 Framework Orders:

- PSE&G may shift program budgets within or among the residential, C&I, multifamily, and other sectors. More specifically, within any 365-day period, PSE&G 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, PSE&G 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 PSE&G's request, those requests shall be deemed granted.

48. The Signatory 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.

49. The Signatory Parties agree that, for purposes of funds transfers among CEF-EE 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 47 of this Stipulation, the Signatory Parties agree that funds will not be transferred into the BD program.

50. The Signatory Parties agree that, for EE projects that commenced prior to Triennium 2 that require multiple years to complete, either between program cycles or within a program cycle, the Company will calculate energy savings based on the Technical Reference Manual ("TRM") in effect when the project commenced.

51. 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 ("ROE") reduction penalty as defined by the Triennium 2 Performance Incentive Mechanism, the Company may, upon notice to the Signatory Parties, utilize any Triennium 1 funding, including the funding associated with the Triennium 1 Extension period, 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 information as part of the quarterly reports referenced in Paragraph 57 of this Stipulation 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

52. 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	16,357,766
2. Annual Demand Savings	Verified peak demand savings from measures completed in the given program year	10%	Peak MV or peak-day therm	226 MW 255,104 peak day therm
3. Lifetime Energy Savings	Verified lifetime energy savings from measures completed in the given program year	20%	Source MMBtu	151,404,653
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	11,407,970
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	39,415,706
6. Cost to Achieve	Total EE portfolio costs divided by total portfolio verified lifetime energy savings	20%	Total EE Portfolio$/ Lifetime source MMBtu	$11.37

53. QPI performance periods shall be those set forth in the 2023 Framework Orders. All energy savings from projects and measures from CEF-EE[14] and CEF-EE II programs, Energy Efficiency 2017 ("EE 17")[15] 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. Any QPIs and energy savings derived from projects completed pursuant to EE 17 will be tracked separately and will not be counted toward the Company's ability to earn an incentive on its Performance Incentive Mechanism during Triennium 2 or future triennia. For the purposes of determining the Company's compliance with the QPIs and achievement of the required energy savings targets, the TRM

[14] In re Public Service Electric and Gas Company for Approval of its Clean Energy Future-Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 and EO18101113, Order dated September 23, 2020.

[15] In re the Petition of Public Service Electric and Gas Company for Approval of its Energy Efficiency 2017 Program and Recovery of Associated Costs ("EE 17 Program"), BPU Docket No. EO17030196, Order dated April 21, 2017.

in effect as of January 1, 2024 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 50 of this Stipulation.

54. The Company will perform EM&V for CEF-EE II in accordance with the 2023 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. All CEF-EE or EE 17 projects and measures completed after January 1, 2025 shall also be included in the CEF-EE II EM&V plan.

55. 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 Technical Reference Manual, 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.

56. 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.

57. The Company shall continue to file required quarterly and annual reports and submit data regarding all the Triennium 2 programs, financing initiatives, and related expenses in accordance with the content, format, and timing dictated by the 2023 Framework Orders and any subsequent directives regarding the Triennium 2 programs from the Board, with any required adjustments from Triennium 1 to be developed by the EM&V Working Group.

58. The Signatory 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 Signatory Parties reserve all rights to respond to any petition seeking a waiver of any penalties filed by the Company.

Customer Data and Data Sharing

59. Customer information shall be used by the Company to deliver an effective customer experience in compliance with any applicable BPU regulations and statutory obligations. The Company shall enforce privacy and data handling policies and procedures for CEF-EE II that are consistent with PSE&G's customer data security protections, the 2023 Framework Orders, and any applicable BPU regulations and statutory obligations. In the event of any breach of the above confidentiality by an affiliate, PSE&G shall remediate this breach to the full extent required by law. In the event of any breach of the above confidentiality by a vendor hired to deliver CEF-EE II or to evaluate the programs, the Company commits to enforcing the contractual confidentiality requirement to the extent allowed by 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 Protection Act, N.J.S.A. 56:8-161 *et seq.*, and Section 3b of the BPU's Cybersecurity Order of March 18, 2016.[16]

60. PSE&G agrees that customer-specific data belongs to the customer, who may request or authorize PSE&G to share it with suppliers, and that data gathered during the operation of the CEF-EE II 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 61 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 ("NDAs") and Company review and approval of the Board's and/or contractor's cyber and data security protocols.

61. The Signatory Parties also agree that PSE&G may use customer-specific data or program data from other BPU-approved utility programs for CEF-EE II, and that other utility BPU approved programs may use data from CEF-EE II. PSE&G will not share or use customer specific data for non-utility specific BPU programs, including but not limited to programs under PSE&G's Appliance Services Business. Such data may not be used for other purposes without Board approval.

Recovery of Costs and Lost Revenue

62. The agreed upon budget amount includes Company O&M expenses, which shall not exceed $279 million. The Company will recover its actual reasonable and prudently incurred O&M costs through its annual Green Programs Recovery Charge ("GPRC") cost recovery filings.

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

63. The Signatory Parties also agree that the Company should be authorized to offer OBR financing in the amount of $968 million 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 Signatory 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.

64. Capital Structure/Return on Equity - PSE&G will earn a return on its net investment based upon the authorized ROE and capital structure approved by the Board in its last base rate case proceeding.

65. PSE&G's WACC for its CEF-EE II Program investments will be set based on the WACC established in the Company's 2023 base rate case, which is 7.07%, or 9.14% on a pre-tax basis

based on a common equity percentage of 55%, and ROE of 9.60%, and current tax rates.[17] Attachment 2, Schedule SS-CEF-EE II-1 of the Stipulation shows the calculation of the WACC for the CEF-EE II Program.

66. The Signatory Parties agree that any change in the WACC authorized in a subsequent base rate case will be reflected in the appropriate corresponding subsequent monthly revenue requirement calculations. The Signatory Parties agree that any change in the revenue requirement resulting from the change in the WACC will not be included in the monthly interest calculation for over and under recoveries until the date of the next scheduled annual true-up, but in any event no later than January 1 of the subsequent year. Any changes to the current tax rates would be reflected in an adjustment to the pre-tax WACC and in any corresponding revenue requirement calculation.

67. Recovery of costs associated with the BD program will be recovered from PSE&G electric customers only.

68. The Signatory Parties further agree that the following expenditures will be collected from PSE&G ratepayers.

- Rebates/Direct Investments and associated return on these investments
- Allowance for funds used during construction related to IT investment[18]
- Return on outstanding balance of OBR expenditures
- O&M expenses
- OBR bad debt expenses

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[17] In re the Petition of Public Service Electric and Gas Company for Approval of an Increase in Electric and Gas Rates for Changes in the Tariffs for Electric and Gas Service, B.P.U.N.J No. 17 Electric and B.P.U.N.J. No. 17 Gas, and for Changes in Depreciation Rates, Pursuant to N.J.S.A. 48:2-18, N.J.S.A. 48:2-21.1, and for Other Appropriate Relief, BPU Docket Nos. ER23120924 and GR23120925.

[18] AFUDC estimated cost is approximately $2 million.

69. Any revenues received under the Triennium 2 programs, such as PJM capacity revenues (i.e., 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, or any other source of revenues as a result of the implementation of the Triennium 2 programs, shall be utilized to offset costs to be collected from customers for CEF-EE II. The Company shall offer eligible EE resources into the PJM capacity market to the extent that it remains beneficial to ratepayers and shall credit EE revenue requirements with any PJM capacity market revenues. The Company agrees to continue to confer with Staff and interested parties regarding its approach to participation in the PJM capacity market. The purpose of these discussions is to allow the participants to continue to exchange information and ideas as to how revenues from the Company's participation in the PJM capacity market may be optimized.

70. The Company will include the recovery of the CEF-EE II revenue requirement as a new component ("CEF-EEIIC") of the Company's electric and gas GPRCs.

71. The CEF-EEIIC will be filed annually after the proposed initial period of January 1, 2025 through September 30, 2025. PSE&G's proposed tariff sheets, both red-lined and clean, are attached as Attachment 4 to this Stipulation and reflect the updated GPRC tariff.

72. The electric and gas CEF-EEIICs will be subject to adjustment and true-up through the deferral process, and any required adjustment will be included in the over/under recovery calculation of the CEF-EEIIC to be recovered from or returned to customers over the following year. Any Board ordered cost recovery adjustments resulting from the review of the actual costs will be made to the over/under deferred balance and reflected in the charges established for the following year pursuant to a Final Board Order. The calculation methodology of revenue requirements and the over/under deferred balance is detailed in Attachment 3 to this Stipulation.

73. The Company agrees to file, as part of its true-up petition ("True-Up Filing") for the GPRC, MFRs for CEF-EE II. The list of MFRs is attached hereto as Attachment 2.

74. The Signatory Parties agree to amortize the CEF-EE II investments, excluding Information Technology ("IT") and OBR, over a ten (10)-year period. Investment other than financing costs will be expensed when incurred for tax purposes and flowed back to customers as shown in Attachment 3, Schedules SS-CEF-EE II-2E and SS-CEF-EE II-2G. IT investments will be amortized in accordance with PSE&G's accounting policy and generally accepted accounting principles, which is currently a five (5)-year book amortization period and three (3)-year straight-line period for tax purposes. IT tax deductions will also be flowed back to customers as shown in Attachment 3. OBR investments will be amortized over the period consistent with the term of the loans being amortized and collected from CEF-EE II OBR participants.

75. The Signatory Parties stipulate that the Company will file to adjust its electric and gas CEF-EEIICs, as part of the True-Up Filing for the GPRC, with copies provided to the Signatory Parties no later than July 1, 2025 and annually thereafter for the implementation of the proposed revised CEF-EEIICs, on October 1 of each year. Each True-Up Filing will contain a reconciliation of its projected CEF-EEIICs costs and recoveries and actual revenue requirements for the prior period, and a forecast of revenue requirements for the estimated period before Board approval (October 1) and the twelve (12)-month period thereafter, which shall be based upon the Company's most current authorized ROE and capital structure as defined above. The True-Up Filing also will present actual costs incurred since the previous annual review, and those costs will then be reviewed for reasonableness and prudency. The True-Up Filing will also provide information set forth in the MFRs as required in the 2023 Framework Orders.

76. The True-Up Filing will be subject to review by the Signatory Parties with opportunity for discovery and filed comments prior to the issuance of a Board Order establishing the Company's

revised CEF-EEIICs. The issuance of a written Board Order will be preceded by adequate Public Notice and Public Hearings if required by law.

77. PSE&G will continue to recover lost sales revenue resulting from the decrease in customer energy usage resulting from Triennium 2 Programs through is Conservation Incentive Program ("CIP") Surcharge.

Rate and Bill Impacts

78. The initial recovery period for CEF-EE II will be January 1, 2025 through September 30, 2025. Electric customers will see no change in their current bill as a result of the Stipulation. The cumulative increase over the fourteen (14) year recovery period is estimated to be $437.48 or 1.94% for the typical residential electric customer using 6,700 kilowatt-hours annually. The maximum annual increase over the fourteen (14) year recovery period would occur in year 5 and it is estimated to be $56.80 or 3.53% based upon the current annual bill of $1,610.96.

79. The expected gas CEF-EEIIC for the initial CEF-EE II recovery period will be $0.001717 per therm without sales and use tax ("SUT"), or $0.001831 per therm with SUT. The cumulative increase over the fourteen (14) year recovery period is estimated to be $355.34 or 2.16% for the typical residential gas heating customer using 1,040 therms annually. The maximum annual increase over the fourteen (14) year recovery period would occur in year 5 and it is estimated to be of $44.80 or 3.81% based upon the current annual bill of $1,175.94.

80. Attachment 3 to this Stipulation provides the total bill impact to a typical electric and gas residential customer on the incremental investment by year over the life of the program. As a result of the proposed rates set forth in Attachment 4 to this Stipulation, there will be no initial impact of CEF-EE II on PSE&G's typical residential electric customer using 683 kWh in a summer month and 558 kWh in an average month, or 6,700 kWh annually.

81. PSE&G's typical residential gas heating customers using 172 therms in a winter month and 87 average monthly therms, or 1,040 therms annually, would experience an increase in their average monthly bill from $98.70 to $98.86, or $0.16, or approximately 0.16% based on current Delivery Rates and Basic Gas Supply Service (BGSS-RSG) charges in effect October 15, 2024 and assuming the customer receives BGSS service from PSE&G.

82. The residential customer bill impacts comparing the current and proposed delivery charges are contained within the Typical Residential Bill Impacts set forth in Attachment 5 to this Stipulation, for the aforementioned typical customers, as well as for other typical customer usage patterns.

Triennium 3 Filing

83. The Signatory Parties anticipate that in 2026, PSE&G 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 Signatory Parties agree that any filing will include the following:

a. PSE&G agrees that, to include a more comprehensive set of data in its Triennium 3 petition, it will work with the other utilities, Staff, and Rate Counsel to develop the template reporting spreadsheet by June 30, 2025, using Attachment 6 as a starting point. The Signatory Parties will schedule an initial meeting no later than December 15, 2024. Regardless of reporting format, the Signatory 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 Signatory Parties are unable to agree upon the components of the template reporting spreadsheet by June 30, 2025, the Signatory 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 NJCT should be updated prior to the start of each triennium through stakeholder input and with 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 Signatory Parties agree that the Company's workpapers supporting Triennium 3 NJCT results will include a separately identified item/column which includes, but is not limited to, the financial returns that are expected to arise from each individual energy efficiency program/measure.

c. PSE&G agrees that loan principal will not appear within the NJCT but any administrative cost passed on to customers of servicing those loans will.

d. PSE&G recognizes that the SWE has identified concerns regarding the level of savings from behavioral programs. PSE&G 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 Signatory 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 cost-to-achieve metrics, and cost-effectiveness of behavioral programming under the NJCT.

e. PSE&G 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.

84. 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 an interest 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 Signatory Parties and the 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

85. 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 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 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.

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

87. 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 Signatory 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 Signatory 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.

MATTHEW J. PLATKIN, ESQ.
ATTORNEY GENERAL OF NEW JERSEY
Attorney for the Staff of the New Jersey
Board of Public Utilities

By:____________________________
Steven A. Chaplar, Esq.
Deputy Attorney General

Dated: October 16, 2024

PUBLIC SERVICE ELECTRIC AND
GAS COMPANY

By: Stacey M. Mickles
Stacey M. Mickles, Esq.
Associate Counsel - State Regulatory

Dated: October 17, 2024

DIVISION OF RATE COUNSEL
BRIAN O. LIPMAN, ESQ.

By: Maura Caroselli QO23120874
Maura Caroselli, Esq.
Managing Attorney – Gas

Dated: October 16, 2024

NEW JERSEY LARGE ENERGY USERS

By: ____________________________
Steven Goldenberg, Esq.
Giordano Halleran & Ciesla, P.A.

Dated: October 17, 2024

KEYSTONE ENERGY EFFICIENCY
ALLIANCE, n/k/a ENERGY EFFICIENCY
ALLIANCE OF NEW JERSEY

By: ____________________________

87. 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 Signatory 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 Signatory 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.

MATTHEW J. PLATKIN, ESQ.
ATTORNEY GENERAL OF NEW JERSEY
Attorney for the Staff of the New Jersey
Board of Public Utilities

By: ______________________________
Steven A. Chaplar, Esq.
Deputy Attorney General

Dated: October 16, 2024

PUBLIC SERVICE ELECTRIC AND
GAS COMPANY

By: ___________________________
Stacey M. Mickles, Esq.
Associate Counsel - State Regulatory

Dated: October ___, 2024

DIVISION OF RATE COUNSEL
BRIAN O. LIPMAN, ESQ.

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Maura Caroselli, Esq.
Managing Attorney – Gas

Dated: October 16, 2024

NEW JERSEY LARGE ENERGY USERS

By: _________________________________
Steven Goldenberg, Esq.
Giordano Halleran & Ciesla, P.A.

Dated: October ___, 2024

KEYSTONE ENERGY EFFICIENCY
ALLIANCE, n/k/a ENERGY EFFICIENCY
ALLIANCE OF NEW JERSEY

By: _________________________________

John Kolesnik, Esq.
Keystone Energy Efficiency Alliance
n/k/a Energy Efficiency Alliance of New Jersey

Dated: October 16 , 2024

Clean Energy Future - Energy Efficiency II Program Plan

PSE&G

10/16/24

1. Table of Contents

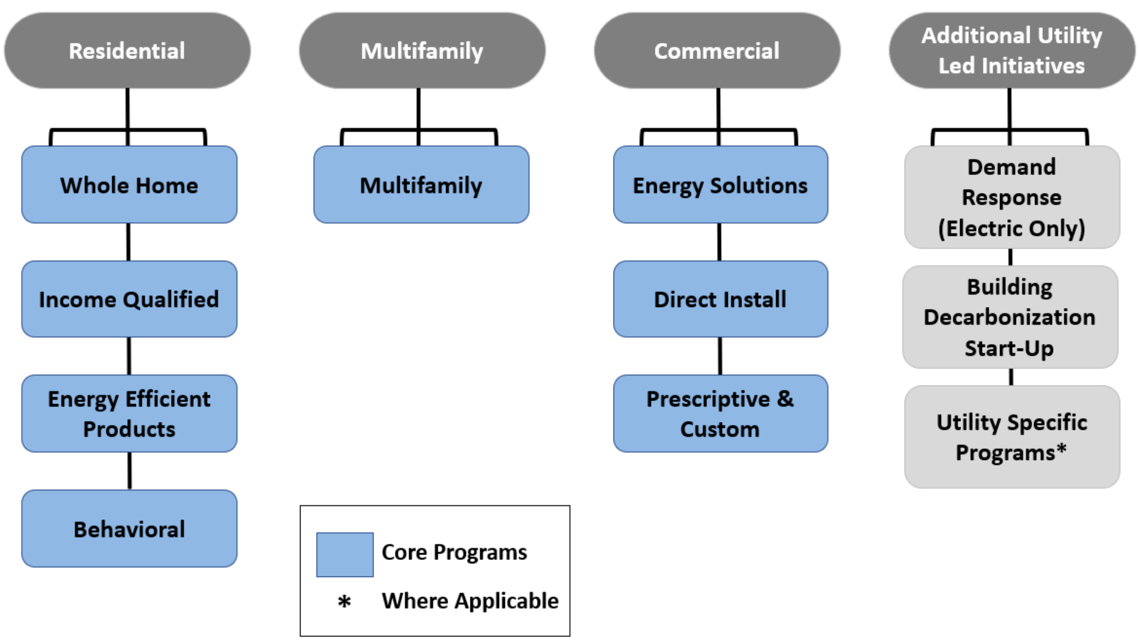
2. Introduction

This Program Plan was developed to address Public Service Electric and Gas Company's ("PSE&G" or the "Company") plan for the delivery of Energy Efficiency and Building Decarbonization Start-up programs that PSE&G will offer for Triennium Two which will cover the two-and-a-half-year period from January 1, 2025 to June 30, 2027.

Due to the coordinated nature of the core energy efficiency programs, PSE&G, 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 each present information specific to each Utility. If provided, additional sections within Section 4 are Utility-specific.

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.

3. Program Descriptions

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 (2) main components:

1. A home energy assessment; and
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 energy efficiency 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 energy efficiency 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 - 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. The program will seek to use metered data to target homes where there is potential to save 20% and more in energy.

Standard energy efficiency measures installed during the home assessment 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 so 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. and 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 energy efficiency measures that are appropriate for their home. Participating customers may also benefit from receiving energy efficiency conservation tips, recommendations for additional opportunities, and referrals to other energy efficiency 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 third-party implementation contractors 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 & Role (MFR II.a.vi.)

The Utilities will administer and oversee this program and may select a third-party implementation contractor 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 quality assurance/quality control ("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 participate in Utility-led workforce development initiatives. Utility staff and/or third-party implementation contractors 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 third-party implementation contractor 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.

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

Refer to Appendix A for the information on these MFRs.

<u>Program budget, by year (MFR II.a.ix.) and Projected program costs, by year, broken down into the specified categories (MFR II.a.x.)</u>

Refer to Appendix B for the 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 energy efficiency 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, power strips, etc.) and/or weatherization measures (insulation, air sealing and duct sealing) and energy education. Customers may also be eligible to receive installation, repairs or replacement of water heating, heating and/or cooling systems. Health and safety measures may also be addressed to enable energy efficiency improvements.

During the assessment, in addition to the installation of measures, 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 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 (1) 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, 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. and MFR II.a.iv.)

The customer may receive no-cost energy efficiency 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 third-party implementation contractors 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 & Role (MFR II.a.vi.)

Utility staff and/or third-party implementation contractors 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, third-party implementation contractors and/or program contractors. The Utilities and/or third-party implementation contractors 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 third-party implementation contractors 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.

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

Refer to Appendix A for the 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 the 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. The Utilities may provide incentives for energy efficient heating and cooling equipment, water heating equipment, appliances, and smart thermostats, as well as other energy efficiency products and for appliance recycling. OBR 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 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 OBR or access to financing with similar terms for select products.

Utility staff and/or a third-party implementation contractor(s) 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, Lowes, 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.[1] 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, 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 energy efficiency 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 energy efficiency and conservation 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.a.ii.)

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 focuses 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,

[1] Appliance recycling program only applies to electric distribution companies ("EDC") at this time.

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 low- and moderate-income customers), or special screening if the physical location is within the boundaries of a low-income or moderate-income 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. and 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 & Role (MFR II.a.vi.)

The Utilities and/or third-party implementation contractors 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 third-party implementation contractors 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 third-party implementation contractors may engage with transportation services to pick-up and provide recycling services for old, working appliances. The Utility and/or third-party implementation contractors 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 third-party implementation contractors 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 energy efficiency 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.

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

Refer to Appendix A for the information on these MFRs.

<u>Program budget, by year (MFR II.a.ix.) and Projected program costs, by year, broken down into the specified categories (MFR II.a.x.)</u>

Refer to Appendix B for the 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 energy efficiency programs. Direct mailed and/or Electronic Home Energy Reports ("HERs" and "eHERs," collectively "HERs") 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 energy efficiency. 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 energy efficiency 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 the energy efficiency programs.

The Utilities may share other energy efficiency 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 to 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. and 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 & Roles (MFR II.a.vi.)

The Utilities will utilize a third-party provider and/or Utility staff to provide the services under this program. The Utilities' HERs vendors will distribute HERs to residential customers at no-cost to the participants. 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 a period of time.

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

Refer to Appendix A for the 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 the information on these MFRs.

3.a.ii Commercial & Industrial Sector

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

- Energy Solutions;
- Prescriptive & Custom; and
- Direct Install.

3.a.ii.1 Energy Solutions Program

Program Description (MFR II.a.i.)

The Energy Solutions Program is designed to address the needs of commercial or industrial customers that are interested in comprehensive energy efficiency solutions. This program recognizes that a broad range of approaches is needed to help commercial and industrial 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 energy efficiency support on projects that require significant auditing, technical support, and engineering work. Incentives will be offered to encourage these customers to invest in energy efficiency. Engineered Solutions Tier 1 will provide guided consultative service throughout delivery to support customers in identifying and undertaking large energy efficiency 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 energy efficiency 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 energy efficiency assistance to commercial and industrial customers in identifying and undertaking larger energy efficiency projects.

   Through Tier 2, customers may be provided with an in-depth audit of their facilities to identify cost effective energy efficiency 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 commercial and industrial 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 ongoing relationships with customers that can be leveraged to introduce other applicable energy efficiency 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 target 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 supports 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 energy efficiency measures and management practices that can be categorized as follows:

Building Operations

Building Operations measures provide multiple services for a customer to implement building tune-up and maintenance services. These measures are designed to focus on midsize commercial and industrial 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 (if needed);
    - 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 complementary 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 (“RCx”)

RCx measures provide a comprehensive assessment of a customer's commercial/industrial 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 commercial/industrial 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 retro-commissioning implementation plan, including project timelines and 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")

MBCx offers monitoring software paired with a building's energy management system to identify energy savings opportunities and optimize building performance and energy efficiency. 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.
    - Maximize the operational efficiency of buildings.

Virtual Commissioning ("VCx")

VCx provides eligible customers with an initial analysis of their building's energy performance by using interval meter and or advanced metering infrastructure ("AMI") usage data, and modeling to identify and recommend potential energy efficiency 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 ("AI"). 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 energy efficiency 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 ("SEM")

The 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 third-party implementation contractor 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 energy efficiency projects, and interact with facility personnel to adopt energy efficiency 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 third-party implementation contractor 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, energy efficiency, and energy consuming equipment.

Engineered Solutions, Tier 1 and 2 targets customers who need tailored energy efficiency support to help identify, develop, and undertake energy efficiency 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 commercial and industrial 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. and 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 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 (6) years, with the resulting payback not less than three (3) 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.

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 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 to which the 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).

<u>Customer Repayment Options (MFR II.a.v.)</u>

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

<u>Contractor Requirements & Role (MFR II.a.vi.)</u>

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 the qualified trade allies to assist in the outreach, marketing and trade ally coordination. Participants may contract with the 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 energy efficiency 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 energy efficiency upgrades. The lead Utility will then review the recommended energy efficiency 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 energy efficiency 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 energy efficiency 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 ("RFP") to obtain installation cost estimates for the approved project.
- **Scope of Work/Contractor Bids:** The customer will issue a Scope of Work and the bid package documents to obtain competitive bids to install selected energy efficiency 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 and 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 third-party implementation contractors to manage delivery of this pathway. The Utilities' staff and/or third-party implementation contractors will oversee all aspects of the pathway. The Utilities and/or third-party implementation contractors will be responsible for administering, promoting, and providing the pathway to customers, including staffing, processes ensuring quality, and other controls supporting successful program implementation. The Utilities' staff and/or third-party implementation contractors will conduct the marketing, management, and implementation aspects of this pathway.

The Utilities' staff and/or third-party implementation contractors will select qualified program trade ally 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 third-party implementation contractors. 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 energy efficient equipment for participating customers.

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

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

Refer to Appendix A for the 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 the 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' commercial and industrial ("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 energy efficiency. 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 the 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 commercial, industrial, 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 or 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 Roles & Requirements (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 and 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 the energy efficiency 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 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 energy efficiency 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 assisting customers 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 the energy efficiency 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, etc.), licensing, insurance requirements, etc. will be developed and provided to all participating contractors.

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

Refer to Appendix A for the 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 the 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 energy efficiency. The program is designed to provide eligible customers with easy investment decisions for the direct installation of multiple measures to comprehensive energy efficiency projects. The program will pay a percentage of the up-front cost to install the recommended energy efficiency 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 energy efficiency 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 at no-cost and will offer recommendations on energy efficiency 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 energy efficiency programs. Through a number of delivery mechanisms, the 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 offers 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.)

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, 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 that are non-profits categorized as 501(c)3; and
- 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. and MFR II.a.iv.)

Each tier of the program will encompass many of the same benefits, including a turnkey solution for eligible customers, which requires no up-front investment. The initial site visit, energy assessment, and installation of recommended energy efficiency 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 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.

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. Customers located in an UEZ, Opportunity Zone, OBC, or other geographic area as designated by the BPU may also qualify, as will those owned or operated by a local government, K-12 public school, or non-profit 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 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.

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 & 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 energy efficiency 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 energy efficiency 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 energy efficiency 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 third-party implementation contractors 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)

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

Refer to Appendix A for the 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 the 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 energy efficiency education through energy assessments and a suite of efficiency and building decarbonization 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 commercial and industrial 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 (3) or more units that are served by at least one (1) 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 energy efficiency 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, Overburdened Communities with a low-income characteristic). The Utilities reserve the right to align with categorical eligibility of federal and state energy efficiency 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. and 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 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.vi.)

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 & Roles (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 third-party implementation contractor(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 participation in 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 the 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.

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

Refer to Appendix A for the 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 the 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

3b.i Building Decarbonization Program

Building Decarbonization Program (MFR IIa.i)

The Building Decarbonization ("BD") Program will provide incentives, technical support, and other support for customers to switch fossil fuel equipment to electric equipment. The program may include various decarbonization pathways, such as Residential Building Decarbonization, Commercial & Industrial Building Decarbonization, and Multifamily Building Decarbonization. The program also includes a study for a networked geoexchange project.

Residential Building Decarbonization

The Residential BD pathway will provide incentives and other support for decarbonization measures in existing homes, with a focus on replacing fossil fuel space and water heating equipment with electric heat pumps. The program may also include incentives for measures such as induction stoves, heat pump water heaters, heat pump dryers, and electric lawn equipment. The Residential BD Program will be integrated into the other residential programs, rather than a stand-alone program. Measures may be provided individually through the Efficient Products Program, or as part of a larger Whole Home Program and Income Qualified Program project for moderate income customers/overburdened communities ("OBCs"). In particular, energy assessments in the Whole Home Program will identify homes that are good candidates for decarbonization and promote heat pumps and other BD program measures at the same time as envelope improvements. The program may implement a tiered incentive structure for heat pumps, with higher incentives for customers that decommission their existing heating system, and will include air source and ground source heat pumps. Lower incentives may be provided for customers who install hybrid configurations that allow for gas equipment to be used on cold days. Hybrid configurations can include the new addition of a heat pump or the replacement of central air conditioning systems either with or without the replacement of heating systems, and will require proper thermostat controls. Incentives for heat pump water heaters and other equipment may be based on size or fixed incentives. The program will also provide incentives – both for full heating replacements and hybrid incentives – directed at multi-family buildings, and will explore ways to target this market and mitigate the split incentive barrier. This will likely include focused outreach and enhanced incentives for multi-family, but the program may also explore additional approaches. The program may provide incentives to make the property electrification-ready by ensuring there is proper panel space and capacity, and internal wiring for measures like a heat pump or heat pump water heater.

The program may also seek to leverage the Inflation Reduction Act ("IRA") rebate programs to defray the initial cost of decarbonization. The IRA tax credits may also be promoted through the program to help reduce the cost of these measures. Utilizing these outside resources will assist the program to increase its reach and the participation, while lowering the ratepayer impact of the program. Details of IRA funds integration will be established in collaboration with BPU staff and the implementation plan approved by the U.S. Department of Energy.

The BD program will additionally prioritize service to moderate-income customers, up to providing incentives for the full cost of heat pump installation. Tools may be developed to estimate bill savings to these customers prior to installations, so customers can make informed decisions on equipment options. A particular focus on decarbonizing affordable multifamily housing will help ensure that low- to moderate-income renters, a particularly vulnerable group, are appropriately served and not left with the burden of fossil fuels and aging fossil fuel systems.

The BD program will also offer space and water heat pumps to customers who currently have electric resistance heating for those applications, but since this change in technology is not a fuel switch, those incentives and savings will be delivered and tracked under the appropriate Energy Efficiency program. Finally, decarbonization resulting from oil or propane to natural gas fuel conversions will also be tracked under the appropriate Energy Efficiency program and will apply the full MMBtu savings from that fuel switch towards the applicable QPI targets. The BD program investment may include electrification incentives to low-income customers served by the Comfort Partners program in coordination with the NJ BPU.

Commercial Building Decarbonization

This pathway is focused on providing incentives for customers in commercial and industrial facilities to decarbonize existing buildings through installation of high efficiency electric HVAC equipment and other process equipment. The pathway will offer prescriptive incentives for relatively well known decarbonization technologies in smaller commercial facilities – i.e., ductless mini-splits, variable refrigerant flow systems, packaged terminal heat pumps, and heat pump water heaters, but may also include a custom component that large customers can draw on to help them implement more complex decarbonization projects. The pathway will also consider providing enhanced incentives for projects that displace the entire heating load, as well as incentives to support circuit breaker upgrades and other “electrification-ready” projects. Finally, the program will also provide incentives for commercial grade electric lawn equipment and electric forklifts.

The BD program will also offer space and water heat pumps to customers who currently have electric resistance heating for those applications, but since this change in technology is not a fuel switch, those incentives and savings will be tracked under the appropriate Energy Efficiency program. Finally, decarbonization resulting from oil or propane to natural gas fuel conversions will also be delivered under the appropriate Energy Efficiency program and will apply the full MMBtu savings from that fuel switch towards the applicable targets.

Network Geoexchange Study

The Network Geoexchange Study seeks to evaluate the feasibility of installing, owning, and operating one or more shared geoexchange loops that would serve multiple customers. The study would include site selection to identify preliminary options for potential sites and a feasibility study to determine key factors that differentiate the potential sites, such as: customer demographics, customer interest, geotechnical qualities, constructability, timing and cost. A sensitivity analysis of project costs will be conducted, and costs will be presented as a range of values which includes potential factors impacting the final estimate. The preliminary engineering and design would account for participating customers having a heat pump installed to provide heating and cooling. Domestic hot water may be integrated into the system where it is beneficial for the performance of the ambient loop or where gas service can otherwise be removed from the customer’s premise. The water source heat pump is expected to be more efficient than an air source heat pump, particularly in cold weather, since the ground temperature surrounding the shared loop will not vary with outside air temperature. The study will primarily focus on projects that do not incorporate fossil fuel components but may consider including energy recovery mechanisms such as waste heat from fossil fuel sources. The Network Geoexchange Study will require significant effort when identifying the project's location and the customers involved, which may include stakeholder engagement to promote the value of the project and determine potential customer interest. PSE&G would seek to leverage learnings and best practices from existing and ongoing geoexchange system projects from peer utilities or other entities in the northeast and other regions of the country. Incorporating industry learnings and best practices will identify opportunities to effectively control costs and optimize resources. The study will recommend what data should be collected during the operating period to allow for evaluation, measurement, and verification (EM&V). The total study cost, site selection and preliminary engineering and design, is estimated to be approximately $5M.

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

The overall BD program targets PSE&G's entire customer base; however, different pathways target specific market segments. The Residential Building Decarbonization pathway targets residential and LMI customers, including multi-family, but a primary focus of targeting will be customers who have oil or propane. The Commercial Building Decarbonization pathway targets all commercial and industrial customers and will also focus on customers with oil or propane.

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

There are no existing Building Decarbonization incentives. The Residential Building Decarbonization and C&I Building Decarbonization pathways will provide incentives for measures that electrify fossil fuel equipment. Incentives will be higher for full heating replacement, but incentives for partial replacement and hybrid configurations will be provided, and enhanced incentives will be provided for LMI and/or multifamily customers. On-bill repayment ("OBR") will be offered to cover the portion of the project costs not covered by the upfront incentive. Refer to Section 6h, Appendix H of this Program Plan for the Summary of the Proposed Incentive Ranges. The timeframe for incentive payments will align with the timeframe for such payments in the core program(s) in which the BD incentive(s) are integrated.

Customer Financing Options (MFR II.a.v)

Refer to Section 4h of the Program Plan for the Summary of Proposed Financing for this program. Customers that install decarbonization equipment who incur costs above any incentives will generally be eligible for financing in line with the financing offerings for the program in which the BD measure(s) are integrated.

Contractor Roles & Requirements (MFR II.a.vi)

PSE&G may select a third-party implementation contractor to manage delivery of this program or specific elements of the program or may support this work with in-house staff. Direct engineering services may also be solicited from a third-party contractor(s).

PSE&G's staff and/or implementers will oversee all aspects of the program, including customer engagement, conducting stakeholder feedback sessions, if needed, providing technical assistance, and completing installation. Utility staff and/or implementers will ensure a consistent program delivery experience, including working with individual customers who may require high-touch engagement. Utility staff and/or implementers will also be responsible for customer support as needed and conducting post-project verification and assessment of customer experience. Third parties may be engaged to provide independent verification of project elements associated with other utility programs, as well as to evaluate overall project economics and identify process improvement opportunities for future projects.

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

Refer to Appendix A and Appendix G for the information on these MFRs. Section 6i, Appendix I of this Program Plan, proposes TRM calculations for building decarbonization measures not already included in the TRM.

Data Transparency (MFR VI.b.1-3.)

PSE&G will provide requested data in a timely manner and delivered using an appropriate and secure delivery system. PSE&G will also comply with Staff's required reporting related to data requests and their fulfillment status.

3b.ii Demand Response Program

Program Description/Design and Target Market or Segment (MFR II.a.i.1 and II.b.i.1 and MFR II.a.v and MFR II.b.i.8)

The Demand Response ("DR") Program is designed to encourage PSE&G customers to reduce energy usage during times of high demand. The DR program may have several different offerings designed to take full advantage of the advanced metering infrastructure ("AMI") currently being rolled out, test the full stack of potential value from DR resources, and prepare PSE&G for a future of increasing numbers of "smart" energy equipment and more intermittency in the electric supply. In addition, PSE&G will strive to integrate DR marketing as much as possible into efficiency programs, for example PSE&G will provide an opportunity for people who buy smart thermostats via the online marketplace to enroll in DR at the time of purchase.

The Demand Response program may include a residential electric Direct Load Control ("DLC") pathway and a Small Commercial DLC pathway, a residential electric Pay-for-Performance pathway, and/or a Virtual Power Plant Demonstration. Each of these pathways are described further below. In addition, PSE&G intends to easily allow the customer to provide AMI data access to other entities, in order to ensure portability of the demand response programs. The Company will continue to adhere to rules regarding release of customer data, which require customers to authorize PSE&G to release customer data to third parties. The exact set of data fields, access rules, and technology standards will be determined closer to implementation, in conjunction with the selected implementation contractor.

The Demand Response program will align with the BPU's guiding principles because it:

- Integrates AMI, DERMS, and other technologies needed to send event signals and accurately measure the results.
- Ensures that customers with AMI have the option to grant data access to third parties for potential additional DR programs.
- Uses different price signals, potentially including a peak-time rebate to be bid into PJM's Price Responsive Demand program, that make customer prices more accurately reflect the market rate for electricity.
- Has robust M&V, aligning with PJM requirements, to measure the actual demand reduction resulting from peak events.

A detailed plan with timelines and planning priorities will be developed as PSE&G gets closer to selecting an implementation contractor and launching the program. Projected kW goals are shown in the table below.

	Peak kW			**Participants**		
Pathway	**PY 4**	**PY 5**	**PY 6**	**PY 4**	**PY 5**	**PY 6**
VPP	44	132	176	6	17	22
DLC - Res	4,868	12,315	17,943	8,250	20,873	30,411
DLC - C&I	468	2,310	4,649	412	2,033	4,091
P4P	24,462	58,709	73,387	108,721	260,930	326,163
TOTAL	**29,842**	**73,446**	**96,154**	**117,389**	**283,852**	**360,668**

Residential Direct Load Control

The DLC offering will provide annual or per event incentives for customers who agree to allow PSE&G to remotely control energy using equipment in their homes, within pre-defined parameters that include the types of allowable control strategies (e.g., how many degrees a smart thermostat can be set back), the length of each event, and the maximum number of times an event can be called. The customer can opt out of specific events if they desire; however, too many opt-outs will result in a reduction or elimination of the available incentive and eventually being dropped from the program. It is envisioned that this program will initially be focused on smart thermostats but will expand to include other smart devices such as electric water heaters and electric vehicles.

Small Commercial Direct Load Control

The Small Commercial DLC offering is similar to the residential offering but aimed towards small C&I customers. As in the residential offering, it is envisioned that this program will initially be focused on smart thermostats and water heaters, but that it will likely expand to include other connected devices. Whenever possible, PSE&G will strive to integrate incentives for this program with incentives available via its efficiency programs. Note also that this program is focused on small commercial customers with residential-style equipment, as a significant number of large C&I customers already participate in demand response directly through Curtailment Service Providers.

Pay-for-Performance

Pay-for-Performance is a separate offering from direct load control, designed to take full advantage of PSE&G's AMI. Pay-for-Performance will be available to residential PSE&G customers with an AMI meter on an opt-in basis. PSE&G will notify eligible residential customers in advance of a peak event, explaining the program and available incentives. Notifications will be sent to all eligible customers, advising them of the price credit they will receive for each kWh they save during the event. A customer can participate in the program by simply using less energy during the peak period than they typically use during similar periods on other days. After each event, PSE&G will analyze AMI usage data of all enrolled customers on the day of the event and compare the usage on similar recent days with no event to determine the energy reduction during the event, if any, for the set of eligible customers either a bill credit or an incentive payment will be provided to these customers, based on the amount of measured energy reduction during the peak period. If a customer takes no action, they will receive no credit.

Virtual Power Plant

The Virtual Power Plant ("VPP") offering will explore how networked behind-the-meter storage can unlock additional value to the grid. Demand management using storage has the ability to respond quicker and be used more frequently than traditional demand response (i.e., direct load control). It can also potentially be used for other markets such as energy and ancillary services. This offering will seek to understand the potential benefits of this type of resource by providing upfront incentives and financing for a limited number of residential customers to install batteries in their home, in exchange for allowing their use as part of a virtual power plant. Demand response resources and electric vehicles with connected home charging equipment may also be utilized for this offering.

Target Market or Segment (MFR II.a.i.2 and MFR II.b.i.2)

The Commercial DLC offering is targeted towards small commercial customers. The Residential DLC offering is targeted to all PSE&G residential electric customers. The Pay-For-Performance program offering will require AMI to participate; otherwise, all residential customers will be eligible to participate. Program eligibility requirements will be set in a way that avoids any double counting of demand reduction from one offering to another. Any geotargeted offerings will be focused on specific areas with transmission and/or distribution system constraints, in order to potentially reduce the need for future transmission and distribution investments.

The measures promoted for each Demand Response offering are listed below:

- DLC will focus initially on enrolling customers with smart thermostats. However, other measures such as connected water heaters and smart EV chargers may be explored. This applies to all DLC offerings (electric residential and electric commercial)
- Pay for Performance is agnostic about the specific strategies and measures customers use to reduce demand; incentives are provided based on measured reductions.
- Virtual Power Plants will focus on behind the meter battery storage.

Proposed Incentive Ranges (MFR II.a.i.3, MFR II.a.i.6, MFR II.a.i.8.a, MFR II.b.i.3.c, and MFR II.b.i.4.a)

See below for proposed and max incentives by measure and pathway. The measures below represent what is currently envisioned for the program. However, PSE&G may add more measures during implementation, depending on program success and available budget. Specific timelines and processes to deliver the incentives will be defined during program implementation; all incentives will be disbursed reasonably promptly.

Offering	Measure	Proposed	Max
Residential Electric DLC	Device enrollment	$50	$100
Residential Electric DLC	Device annual	$25	$100
Commercial DLC	Thermostat enrollment	$50	$150
Commercial DLC	Thermostat annual	$50	$200
Commercial DLC	Water heater enrollment	$50	$150
Commercial DLC	Water heater actual	$50	$200
Pay-for-Performance	per kWh reduction	$1.25	$1.25
Virtual Power Plants	8 kW Storage system	$5,000	$5,000

Demand Response Performance Measurement (MFR II.a.i.4 and MFR II.b.i.3.a)

PSE&G will work with its evaluator and implementation contractor to ensure that measurement and verification of demand events is done in accordance with best practices and, where applicable, with PJM requirements.

Rebound Effects (MFR II.a.i.5 and MFR II.b.i.3.b)

While some rebound effect after turndown events is inevitable, PSE&G will do what it can do minimize this impact.

Data and Communication Protocols (MFR II.a.i.8.b and MFR II.b.i.4.b)

The specific data and communication standards to be used will be determined during program implementation.

Capital Investments (MFR II.a.ii and MFR II.b.i.5)

The IT investments needed for Demand Response are included in the overall IT estimates for CEF-EE II. See Section XIII. Information Technology ("IT") of the Direct Testimony of Karen Reif for more detail.

Customer Financing Options (MFR II.a.iii and MFR II.b.i.6)

In the Virtual Power Plant Demonstration, battery costs above what the incentive covers will be eligible for on-bill repayment. Financing is not needed for any of the other pathways described.

Contractor Roles & Requirements (MFR II.a.iv and MFR II.b.i.7)

Utility staff will oversee all aspects of the program, including marketing, customer acquisition, implementing necessary software solutions, and providing demand reduction signals. Utility staff and/or third-party contractors may be used to implement programs, operate DR events, test and verify the demand resources available, and verify savings. Verification protocols will be done in accordance with EM&V best practices and PJM standards.

Relation to QPIs (MFR II.a.vi and MFR II.b.i.9)

Peak reduction from demand response programs are not included in any of the quantitative performance indicators in CEF-II.

Program Budget (MFR II.a.vii, MFR II.a.ix, MFR II.b.i.10-11. MFR II.c.v)

See Appendix B for the demand response budget by category and year. PSE&G does not envision any specific Demand Response costs related to workforce development, health and safety, or outreach to community-based organizations.

Participant Exit/Transition Financial Impacts (MFR II.a. viii)

Any differences in projected costs, including administrative updates for documentation and database management, reduced incentives from higher than expected program attrition, asset purchase revenues from sold equipment, and participant exit fees, will serve to change the program budget and thus impact the amount to be collected via amortization.

Quality Assurance and Control Standards (MFR II.c.i)

Prior to program launch, PSE&G will work with the selected implementation contractor to ensure that detailed QA/QC procedures in place, including processes for tracking and resolving any customer complaints.

Workforce Development Plan (MFR II.c.ii)

See Section 4b of this Program Plan regarding the Company's workforce development plan, which includes support for the Demand Response Program. The workforce development program includes activities to support minority, women, and veteran owned businesses.

Data Transparency and Customer Access to Data (MFR II.c.iii and MFR II.c.iv)

PSE&G will strive to provide any data requested by the Statewide Evaluator within 4 weeks of the request. If this is not possible, PSE&G will hold a meeting with the Statewide Evaluator to identify any possible substitutes, and/or request a time extension for the request. All data will be delivered using secure transfer systems. PSE&G will provide quarterly reports on any data requests from the Statewide Evaluator and their fulfilment status. All entities seeking access to customer data must pass the Company's security protocols.

As discussed above, customers will have access to their data via an online portal. They will be able to authorize release of this data to third-party entities that may offer their own Demand Response Programs. The specific data fields, access rules, and technology standards will be defined during implementation.

The program will access prior EE program participation information as a means of lead generation.

Benefit-Cost Analysis and Cost-to-Achieve (MFR II.c.vi and MFR.II.c.vii)

See Appendix E for the results of the Benefit Cost Analysis for CEF-EE II, which includes the Demand Response Program. See Appendix D for the projected spending and kW Savings of the Demand Response Program. PSE&G does not project significant energy savings for this program.

Marketing Plan (MFR II.c.viii)

See Section 4d of this Program Plan for a description of the marketing plan for CEF-EE II, which includes the Demand Response Program.

Plan for Overlapping Territories (MFR II.c.ix)

The Demand Response Program is aimed at electric customers, so there are no issues with overlapping jurisdictions with other utilities.

Filing Information Applicable only to DR Programs Integrated with Renewable Energy (MFR II)

PSE&G is not proposing any DR programs that are integrated with renewable energy for CEF-II.

Benefit-Cost Analysis (MFR IV)

See Appendix E for Benefit-Cost Analysis for all CEF-EE II Programs.

Evaluation, Measurement and Verification (MFR V)

See Section 4e of this Program Plan for a discussion of EM&V in CEF-EE II, which includes the Demand Response Program.

Reporting Plan (MFR VI)

As defined in the BPU Order, Demand Response Programs are excluded from the Key Performance Indicators for CEF-EE II. PSE&G will track and report on, at a minimum, the following metrics for the Demand Response Program, for each offering:

- Dollars spent per participant
- Dollars spent per enrolled kW
- kWh and CO_2 reduced during each peak event
- Portion of customers responding to each control request

Additionally, refer to Appendix G for more information on these MFRs.

4. 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

Quality Assurance and Control Standards and Remediation Policies (MFR II.b.i)

PSE&G is committed to ensuring that high-quality programs are provided to customers in a consistent and fair manner. PSE&G has a multifaceted approach to quality assurance and quality control ("QA/QC"). The approach consists of the following three key components: (i) a separate and dedicated QA/QC Team; (ii) PSE&G program management QA/QC processes and procedures and (iii) Contractor QA/QC process and procedures. PSE&G plans to continue and build upon the approach outlined below during CEF-EE II.

Dedicated Quality Assurance/Quality Control Team

The QA/QC Team at PSE&G leads QA/QC efforts by working with the program management and implementation teams to develop, implement, and maintain comprehensive QA plans for energy efficiency, demand response, building decarbonization and other programs (collectively "CEF-EE II programs").

The objective of the QA/QC Team is to support the PSE&G Program Management Teams to help ensure all CEF-EE II programs are operated with a high level of prudency and efficiency. The QA/QC Team aims to support PSE&G in continuing to deliver high-quality programs to customers; improving both customer and vendor experiences with PSE&G.

On a day-to-day basis, the QA/QC Team is responsible for quality assurance ("QA"). QA involves systematic checks to ensure that CEF-EE II activities are in alignment with program design and adhere to governing processes and procedures, inclusive of program management and implementation teams as well as implementation contractors. When process/procedure deviations are identified, the QA/QC team reports its findings and provides recommended corrective actions. Additionally, the QA/QC Team responsibilities include tracking problems and successes over time; recording how problems are addressed, and sharing recommendations and lessons learned with stakeholders.

The QA/QC Team is also focused on the quality control ("QC") function. Through QC, the QA/QC Team supports the program management teams in reviewing ongoing, program-specific, tasks that are typically program manager/implementation contractor responsibilities. This may include tracking and documenting program activities, including invoice review; eligibility review; incentive level verifications; energy savings reviews; onsite inspections and project details. In order to achieve the team's goals, the QA/QC Team has a strong field presence – separate from Program Management, third-party inspectors and/or program evaluators.

The team also completes periodic checks of post-implementation program documentation, including receipts, inspection reports, and equipment nameplate data, and works with the program management team to resolve concerns. This may include a root cause analysis that is shared with the program management team. The QA/QC Team helps to identify and correct project and program issues early. Additionally, the QA/QC Team will oversee the implementation of action items stemming from internal audit recommendations, internal risk assessments, and other control improvements identified by management.

The QA/QC Team is also responsible for maintaining and updating internal process and procedure documents. Process and procedure documents are needed to ensure all parties working on the CEF-EE II programs know and understand how work is to be performed. The QA/QC Team also pays special attention to cyber protections, as cyber security risk are becoming more prevalent and bad actors are becoming more sophisticated. The QA/QC Team works to ensure that both the Company and its vendors remain vigilant. When challenges with any of the above are identified, the QA/QC Team also steps in to support the program teams in mitigating any issues and evaluating the root cause of these issues so that they can be prevented in future.

PSE&G Program Management QA/QC

PSE&G program management works with each contractor to ensure contractors have robust QA/QC plans, processes and procedures for the work they perform. This includes, but is not limited to, the establishment of a Quality Assurance Plan for the programs they manage. As part of the Company's competitive procurement process, potential contractors are required to include their proposed QA/QC Plan in their Request for Proposal ("RFP") bid responses. Once under contract, these plans are living documents and are modified on an on-going basis to help ensure practices are aligned with current CEF-EE II program rules.

PSE&G may also independently perform inspections. Inspections may be a combination of random and focused selections. Quality Controls may include safety, quality, accuracy, incentives, measures, missed opportunities, non-working equipment, functional testing, and observations of whether Implementation Contractors ("IC") inspectors are following PSE&G protocols, including wearing proper safety equipment, carrying out best practices.

Additionally, the program teams perform a detailed invoice review of services rendered to ensure all billed services from IC and third party vendors are verified before the payment is processed. These validations may consist of incentives verifications, energy savings calculations and quality calls to customers to verify incentives were received.

The QA/QC Team supports the program management teams in establishing the QA/QC processes described above for each program and in addressing issues that arise during the QA/QC process.

Contractor QA/QC

Implementation contractors and third-party inspectors for all PSE&G programs are required to conduct QA/QC to ensure compliance, accuracy, and continuous improvement.

Contractor QA/QC is primarily focused on site inspections to ensure that measures are installed as billed, and in accordance with program rules. Prior to inspection, the inspector may review project specifics to gain a sense of the scope of the project. Components of this review may include the following:

- Equipment quantity
- Energy savings calculations
- Photographic documentation for unusual technologies or larger projects
- Area descriptions
- Safety

The QA/QC inspection contractor prepares a QC inspection report for each project that is chosen for inspection. The report includes inspection findings such as missed energy savings opportunities, installed energy efficiency measures requiring remediation. The report also includes photos of the project/inspection site.

The QA/QC inspection contractor may also conduct customer satisfaction surveys for each inspection. The PSE&G program management team will review surveys to see if there are any glaring issues or customer complaints that need to be addressed.

Customer Inquiries/ Complaints

PSE&G tracks and monitors customer inquiries and complaints received relating to the design, delivery, or administration of PSE&G programs. Customer inquiries/complaints come through various channels but are received through the implementation contractor and/or third party vendors/ customers to the PSE&G program team. Priority is given to resolving and/or responding to customer issues. Resolution of these customer issues can be led by implementation contractors with direction from a program liaison within PSE&G, or solely by the PSE&G program teams. The QA/QC Team may also act as a liaison and assist the program team in resolving customer complaints. PSE&G will drive resolutions to ensure customer satisfaction is upheld with the CEF-EE II programs. The team will analyze complaint root causes, lessons learned, and trends to develop process improvements that will lead to increased customer satisfaction.

4b. Workforce Development and Job Training

Workforce Development Plan (MFR II.b.ii)

PSE&G's Clean Energy Jobs Program supports the ambitious targets set by the Clean Energy Act of 2018 ("CEA") by developing a qualified workforce that will be critical to achieving New Jersey's clean energy future. In Triennium 1, PSE&G's Clean Energy ("CE") Jobs Program sought to create economic opportunities and supported the hiring of more than 2,400 individuals. Through the CE Jobs Program, PSE&G plans to continue working to develop and prepare candidates, especially those from underserved communities, for long-term careers in clean energy. PSE&G is exploring efforts to potentially collaborate with other utilities across the state with the objective of enhancing and expanding the Company's workforce development efforts in clean energy. PSE&G may also work with the Department of Labor and/ or non-governmental organizations to leverage funds made available from sources such as the Inflation Reduction Act and the Infrastructure Investment and Jobs Act.

PSE&G's Jobs Program has several facets that aim to train under-qualified workers or those who are looking to switch industries for new jobs in clean energy and to develop a qualified workforce that will enable NJ's clean energy transformation. PSE&G's Jobs Program focuses on job recruitment, training, and promoting diversity within the clean energy industry.

The PSE&G CE Jobs Program has three main areas of focus that support the goals outlined above:

I. Job Recruitment

In the next triennium, PSE&G will continue to strengthen partnerships with existing clean energy companies and forge new collaborations to expand job recruitment initiatives, particularly in underserved communities. Plans are also underway to: establish closer ties with statewide employment agencies and community organizations to ensure a seamless process for identifying new target communities; leverage success stories of individuals who have benefited from the program to inspire and attract additional NJ residents from diverse backgrounds; and utilize the Clean Energy Jobs Program technology platform to post employment opportunities, simplifying the process for potential candidates to connect with clean energy job suppliers.

Supportive wraparound services are offered to job candidates in order to help individuals overcome barriers to employment. These services are particularly essential for individuals from disadvantaged backgrounds or those with unique challenges that might impede their ability to successfully participate in training or attain gainful employment in the clean energy sector. PSE&G will continue to provide these services as they are an integral aspect of the program; with a catalog of more than 55 wraparound services offered via a network of community partners. Wraparound services may include transportation services, childcare and elder care services, housing assistance, career counseling, and resume writing – all aimed at providing the necessary offerings to assist unemployed, underemployed, low and moderate-income NJ residents with long-term employment in clean energy.

The Clean Energy Jobs Program has made substantial strides in marketing and outreach efforts aimed at creating awareness, fostering engagement, and inspiring action towards sustainable and equitable clean energy employment. Outreach events will continue to serve as crucial platforms for engaging with diverse communities, showcasing the opportunities within the clean energy sector, and providing practical tools and resources for potential program participants.

Additionally, the program will continue distributing the marketing materials that shows diverse representation (e.g., program flyers in the Spanish language that display female/Hispanic representation; workshops that increase awareness of availability of wrap-around services between Community Partners to cater to female and Latino/Hispanic demographic (e.g., English language learners, childcare, and transportation) and doing statewide outreach focusing in urban areas.

PSE&G has prioritized inclusivity and accessibility at each event. As such, every outreach event is staffed with a team capable of providing a comprehensive walkthrough of our user-friendly online portal. This hands-on approach has proven instrumental in helping potential participants understand the process of uploading their resume and exploring the entry level job opportunities available on our portal.

II. Technical Training and Development

PSE&G recognizes the demand for clean energy training in the state has grown significantly, surpassing the capacity of current training providers to adequately meet the industry's needs. As a result, PSE&G is actively exploring opportunities to support the expansion of training opportunities and aims to evaluate opportunities for investments and advocacy at the state level.

The Clean Energy Jobs Program will continue to work with employers to develop the technical skills of individuals currently in the clean energy, or related industries, by providing necessary training offerings to current employees and new hires and tracks candidates' progress throughout the program. PSE&G has hired industry experts to teach candidates the skills and competencies most needed by New Jersey employers that supply energy efficiency ("EE") services. Training courses offered through the PSE&G Clean Energy Jobs Program are designed to take people in entry level positions and progress their skills to the next level, thereby creating additional opportunities for entry-level candidates to enter in the workforce.

The Clean Energy Jobs Program will continue to offer certifications from Building Performance Institute ("BPI") or similar industry certifications. Initially, the BPI training courses will include Building Analyst, Air Leakage Control Installer, and Heating Professional certifications and others. These certifications are recognized industry-wide and will equip candidates with essential skills in energy auditing, weatherization, and HVAC systems, aligning with the growing demand for energy-efficient and sustainable building practices.

Focus on Building Decarbonization ("BD"): For the second triennium, in addition to BPI training courses, the program will expand its offerings to include technical training to support the State's building decarbonization goals. For example, a specialized curriculum for heat pumps will be developed to support the need for qualified contractors and other courses will be integrated as the demand for additional topics become known. The Company will partner with heat pump manufacturers to build the knowledge base on heat pumps with contractors in order to build market capacity to scale building decarbonization. This effort will include not just technical training, but sales training as well, allowing contractors to gain knowledge on how to identify, develop, and deliver building decarbonization solutions. These courses will address the needs of rapidly evolving clean energy sectors, ensuring that candidates are equipped with the expertise needed to excel in their respective roles and increasing the availability of qualified contractors able to perform much-needed work in the clean energy sector.

PSE&G is particularly focused on training courses for entry-level employees, ensuring a skilled and capable workforce that can contribute to the EE and BD sector and support New Jersey's clean energy objectives. This proactive approach is a key aspect of PSE&G's commitment to fostering a sustainable and thriving clean energy workforce in the State.

Additionally, a key aspect of PSE&G's Clean Energy Jobs Program is the On-The-Job Training Program ("OJT"). The OJT Program is an educational training pathway to develop a qualified clean energy workforce. PSE&G will continue to collaborate with energy efficiency vendors to identify job openings and community partners and stakeholders to identify candidates from overburdened or low-income communities interested in pursuing clean energy careers. The OJT program will provide candidates with a living wage during their training period to ensure their financial stability while preparing for gainful employment.

PSE&G has completed four cohorts of the OJT program since inception and will continue to expand the program to offer important opportunities for candidates from overburdened communities to create successful careers in the clean energy industry and is planning to sponsor three to six cohorts during Triennium 2. PSE&G will also facilitate diversity equity and inclusion ("DE&I") training for the trade allies who participate in OJT, to create a more inclusive and diverse employer pool for hiring within the EE field.

III. Diversity:

PSE&G understands the importance of providing DE&I training not only to the existing workforce, but also to employers within the EE field. Recognizing the significance of DE&I training in both contexts, PSE&G is committed to promoting an inclusive work environment and ensuring employers in the energy efficiency sector are equipped with the necessary training to foster DE&I within their organizations. PSE&G will collaborate with diversity-focused organizations and associations to broaden support for underrepresented individuals pursuing clean energy careers. Additionally, there will be an increase in efforts to advocate for DEI practices within clean energy companies to foster diverse work environments and ensure inclusive growth within the sector. Targeted measures will be implemented to increase representation from underrepresented groups in clean energy job recruitment and hiring practices.

The Clean Energy Jobs Program, under CEF-EE II, will continue to be a driving force in supporting New Jersey's clean energy vision while cultivating a qualified, diverse, and inclusive workforce. PSE&G has partnered with the Statewide Hispanic Chamber of Commerce ("SHCCNJ") and the African American Chamber of Commerce ("AACCNJ") to hold master classes and provide one-on-one coaching to diverse small businesses in New Jersey with the goal of helping them to acquire their Minority, Women, Veteran Business-Enterprise ("MWVBE") certification; to gain an understanding of the PSE&G procurement process and small business best practices. AACCNJ and SHCCNJ successfully completed four (4) cohorts through this partnership and certified more than 100 organizations. PSE&G will continue to facilitate MWVBE certifications across the state within the small business sector and identify additional opportunities to support the growth of small businesses within New Jersey.

The Clean Energy Jobs Program will continue to demonstrate its significance as a powerful endeavor in achieving our state's ambitious clean energy goals. From a review of the achievements, outcomes, and the far-reaching implications of the program, it is evident that investing in New Jersey's workforce is tantamount to securing the state's sustainable future.

The benefits derived from the program extend beyond mere job creation. The program has been a conduit for skill development, a catalyst for clean energy innovation, and an avenue for inclusivity, ensuring that all segments of NJ society can participate in and benefit from the clean energy revolution. By fostering a skilled and diverse workforce, New Jersey stands poised at the forefront of the clean energy transition, not just as a participant, but as an industry leader.

4c. Customer Access to Usage Data

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

PSE&G customers have the ability to register for MyAccount, an online customer portal that allows customers to conveniently manage their utility account online. Through this portal customers can perform various tasks, such as make payments, view bills and usage, and report outages. Customers can access and view the previous 13 months of historical past bills, which provides customers with historical electric and/or gas usage data reflecting their actual energy consumption. Through the MyAccount platform, customers are able to see trends in their energy usage, which are calculated using the usage data from their bills. Customers are able to see how much energy they used in the current month compared to the same month last year, as well as their average daily usage and average daily cost.

As Advanced Metering Infrastructure ("AMI") is deployed, customers will have access to more granular energy usage data through the new MyMeter platform. After the installation of their AMI meter, customers will have access to MyMeter through their existing MyAccount portal and login. MyMeter will show customer usage data in 15-minute, 30-minute, 60-minute, daily, and weekly intervals. Customers can compare their energy usage, at any interval, to the average temperature, precipitation, humidity, energy challenge, the last week, and review the bill period average usage. Customers are able to download this data in a variety of formats, such as through a drop-down menu.

Additionally, as part of the Energy Efficiency portfolio, all residential PSE&G customers currently have access to energy usage data and analytics through the MyEnergy portal that is part of PSE&G's Behavioral Program. Customers can access the MyEnergy portal through MyAccount, using the same log in. Customers are able to see the previous 13 months of data for electric and/or gas use, as well as get personalized savings tips, comparison to other similar homes' energy usage, and other educational information about saving energy. When viewing usage data, customers have the option to download the data in CSV format, by clicking on the "download my data" link. Customers can also engage with Energy Experts, participate in Energy Challenges, and update their Home Energy Profile in order to make their Home Energy Reports ("HERs") more accurate through the MyEnergy portal. During Triennium 2, the platforms in which customers access their data may be improved upon and/ or updated to allow for a better customer experience.

4d. Marketing Plan

PSE&G Marketing Plan (MFR II.b.vii)

PSE&G will continue to implement a multi-pronged direct and indirect marketing campaign to promote the residential and non-residential energy efficiency programs, as well as the Demand Response and Building Decarbonization programs, to all eligible customers across PSE&G electric and/or gas territory. The plan will include broad-based energy efficiency awareness campaigns, web-based engagement and information, digital advertising, email, direct mail, and hard-copy materials to promote awareness of the programs, as well as tie-ins with other PSE&G programs. The messaging strategy will emphasize the energy and cost savings advantages associated with program involvement, highlighting the positive attributes of using less energy and reducing customer bill costs. Additionally, PSE&G will work closely with retailers, wholesalers, and trade allies in order to have them assist in local promotion of the programs, especially as they work closely with potential participants. Point-of-purchase signage will be placed near discounted/rebated products in participating retail stores to make customers aware of the available incentives on retail products.

PSE&G will also continue to engage community partners, chambers of commerce, and other local organizations including those comprised of underrepresented and socially or economically disadvantaged communities and individuals to assist in raising awareness to customers regarding the program offerings, particularly those available to residential and small business customers. Educating building owners and operators about the benefits of energy efficiency improvements and improved systems performance, including educational brochures, customer and market provider seminars, program promotional materials, and website content will also be key to promoting the commercial & industrial ("C&I") and multi-family programs. PSE&G will also leverage existing relationships with municipalities, universities, schools, and other public agencies to promote programs relevant to those facilities.

PSE&G's programs are designed to lower barriers to participation, including addressing issues of customer awareness, split incentives resulting from landlord/tenant arrangements, the availability of energy-efficient products, the upfront costs of energy efficiency upgrades, and health and safety barriers, among others. The marketing efforts will further attempt to overcome participation barriers by specifically marketing programs in a way that addresses a variety of known market barriers. The program implementation teams and the marketing team will work closely to identify, anticipate, and address those barriers to participation on an ongoing basis in order to align marketing strategies to identified market barriers and encourage and increase access to customers in all sectors. This may include strategies such as:

Residential:

- **Customer awareness and engagement:** Initiate targeted marketing campaigns, as well as distribute marketing materials in Spanish and consider translation to other languages on an ongoing and as needed basis. Prioritization will be placed on a customer-friendly approach to communicating information, while ensuring that incentives are easily accessible and understandable. Customers will be equipped with educational resources and tools, such as intuitive web and appointment scheduling features.

- **Upfront costs of efficient equipment:** Advertise incentives and on-bill repayment options as a way to reduce concerns about upfront costs.
- **Availability of efficient products:** Promote the marked down cost of efficient equipment at the point of sale. Partner with retail and wholesale entities to advertise offerings.
- **Landlord/tenant arrangements:** Segment outreach to both landlords and tenants with tailored and applicable messaging.
- Additional tactics as needed.

C&I:

- **Customer awareness and engagement:** Initiate targeted marketing campaigns with a focus on the business and operational benefits of improving energy efficiency. Market materials in Spanish and provide consideration to translation in other languages. Prioritize a customer-friendly approach to communicating information, while ensuring that incentives are easily accessible and understandable. Conduct outreach and communicate to trade allies as a means to increase awareness and knowledge of program developments and offerings.
- **Upfront costs of efficient investments:** Advertise incentives and on-bill repayment options as a way to reduce concerns about upfront project costs.
- **Availability of efficient equipment:** Promote midstream incentives for specific equipment types to encourage participation via energy-efficient equipment directly marked down at the point of sale.
- **Landlord/tenant arrangements:** Segment outreach to both landlords and tenants with tailored and applicable messaging.
- Additional tactics as needed.

Multifamily:

- **Split Incentives:** In addition to program designs targeted to multi-family facilities meant to combat the challenges of split incentives, PSE&G will focus efforts on engagement with multi-family building owners and managers and educate them regarding the Company's program offerings and the benefits of participation.
- Strategies outlined for both the residential and C&I sectors will be employed.

Additionally, the marketing approach will support increasing access to programs by conducting outreach to a wide variety of potentially eligible customers and by building awareness of programs and the value of such energy savings opportunities. PSE&G is committed to overcoming barriers to program access through applying best practices in program design, delivery, outreach, and marketing/advertising.

PSE&G'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. PSE&G's communication channels include bill inserts, bill messages, a customer-facing website, social media and e-newsletters, as well as cross-promotion through the PSE&G Marketplace and the MyEnergy energy efficiency program. PSE&G will continue to engage with the BPU Marketing Group and the Joint Utilities to coordinate on evolving approaches to marketing and to employ best practices and consistent messaging, where practicable. To the extent possible, PSE&G will cross-promote programs to spread awareness of the range of efficiency opportunities proposed in this plan and lower barriers to participation.

PSE&G will also continue the efforts initiated in its first triennium program to promote program awareness to all customer segments, and in particular underserved customers, through various community partnerships, community canvassing, outreach events, and sponsorships.

4e. Evaluation, Measurement, and Verification ("EM&V")

EM&V (MFR VI.a.)

The Utilities recognize the importance of incorporating EM&V into the energy efficiency, demand response, building decarbonization 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.[2]

The Utilities will continue to work with the Statewide 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 Company 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 ("SEE Action") offers resources, discussion forums, and technical assistance to state and local policymakers as they seek to advance energy efficiency. Their 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 energy efficiency 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.

[2] Does not apply to GDCs.

- **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 energy efficiency (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(s). 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 T&D 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 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,[3] excluding the cost of financing and any anticipated costs associated with additional studies performed at 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.

[3] https://www.aceee.org/toolkit/2017/06/evaluation-measurement-verification

4f. Reporting Plan

Reporting (MFR VIII.)

The Utilities will continue to comply with the reporting requirements for energy efficiency, demand response, and building decarbonization 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 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 a return on equity ("ROE") penalty under this scenario, the Utility reserves the right to remove negative savings in order to avoid incurring a penalty.

4g. Overburdened Community ("OBC") Standardization

Utilities will focus their efforts to provide equitable access to energy efficiency for residential customers residing in an OBC that is defined by a low-income designation. In accordance with treatment during the First Triennium and guidance from BPU Staff, only customers in the following OBC categories, as defined by the New Jersey Department of Environmental Protection ("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 August 31, 2023 on the DEP website (data created and last updated on April 10, 2023) to track and report OBC participating in the programs, including for the purposes of establishing and evaluating the QPIs.

Consistent with Triennium 1, Utilities will deploy approaches to target 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 ("NJUA") 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 Board 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

Customer Financing Options (MFR II.b.V)

PSE&G offers on-bill repayment ("OBR") with 0% interest to eligible customers for most energy efficiency programs. Programs with the OBR option include Whole Home, Energy Efficient Products, Energy Solutions, Prescriptive & Custom, Direct Install, Multifamily, Building Decarbonization, and Demand Response (specifically the Virtual Power Plant Demonstration).

Financing Terms			
Sector	**Program**	**Pathway**	**Available Financing Terms**
Residential	**Whole Home**		Less than $10,000 eligible for a 7-year term OBR at 0% APR. Greater than $10,000 and up to $25,000 eligible for a 10-year term OBR at 0% APR. Low-to-Moderate Income customers will be offered an extended OBR for a 10-year term, regardless of principal.
	Income Qualified		No financing component needed due to nature of the program.
	Efficient Products		Up to $25,000 for a 7-year term OBR at 0% APR. Low-to-Moderate Income customers will be offered an extended OBR for a 10-year term.
	Behavioral		No financing component needed due to nature of the program.
C&I	**Energy Solutions**		Balance of the project cost (per terms below) after incentives at 0% APR for a 5-year term. Financing will be available up to $250k. Above $250k, financing will cover 80% of balance of project cost. For MUSH market and OBC territories, financing available for balance of project cost after incentives for a 5-year term.
	Prescriptive & Custom		
	Direct Install		
Multifamily	**Multifamily**	**Multifamily HPwES**	Balance of the project cost up to $3,000 per unit for a 7-year term at 0% APR.
		Multifamily Prescriptive and Custom	Balance of the project cost (per terms below) after rebate at 0% APR for a 5-year term. For non-OBC and non-LMI multifamily, financing will be available up to $250k. Above $250k, financing will cover 80% of balance of project cost. For OBC or LMI multifamily, financing available for balance of project cost after incentives. Properties supporting LMI customers are eligible for a 10-year repayment term.
		Direct Install	
		Energy Solutions	
All	**Building Decarbonization**	**Residential**	Balance of project cost or up to $2,000 for Make Ready for a 7-year term OBR at 0% APR. Low-to-Moderate Income customers will be offered an extended OBR for a 10-year term.
		C&I	Balance of the project cost after rebate at 0% APR for a 5-year term.
Residential	**Demand Response**	**Demand Response**	No financing component needed due to nature of the program.
		VPP	Balance of project cost for a 7-year term OBR at 0% APR. Low-to-Moderate Income customers will be offered an extended OBR for a 10-year term.

1 Energy Solutions & Prescriptive/Custom project financing over $1,000,000 and DI project financing over $250,000 reported in quarterly reports.

5. Consistent Delivery in Overlapping Territories

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

In response to the New Jersey Board of Public Utilities' Framework Orders[4] 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[5]

- 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 continue to 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.

[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

[5] The Behavioral Program is not included in this list because there are no shared savings and therefore no need to coordinate across utilities.

These costs and savings will be allocated between the Utility that provides the program services (i.e., "Lead Utility") and the Utility with whom the services were coordinated (i.e., "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 in a way 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 may 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, Commercial and Industrial), as well as specialized committees (e.g., Evaluation, Measurement & Verification), 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 energy efficiency 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 saving between lead and partner Utilities.

6. Appendices

As noted in the Introduction, 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 Year for EE, BD, and DR

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)
Whole Home	13,980	8,118,373	626,533	22,591	25,940,849	2,009,204
Income Qualified	1,926	1,375,014	117,784	4,181	5,517,586	470,246
Energy Efficient Products	188,651	16,905,404	2,089,691	303,742	33,567,038	2,672,407
Behavioral	617,125	30,189,170	3,026,996	1,241,840	62,417,170	6,218,517
Energy Solutions	-	-	-	400	81,847,574	1,248,453
Prescriptive & Custom	434,281	132,170,199	219,920	874,743	251,240,883	423,495
Direct Install	-	-	-	1,180	89,891,612	3,483,116
Multifamily	1	459,114	762	137	5,404,523	759,253
Next Generation Savings	-	-	-	-	-	-
Building Decarbonization	2,378	(3,389,761)	177,677	8,950	(10,518,253)	753,699
Demand Response	117,353	(1,631)	-	283,673	(4,892)	-
Portfolio Total	1,375,695	185,825,883	6,259,363	2,741,438	545,304,091	18,038,390

Program	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	41,684	40,353,056	3,105,436	78,256	74,412,278	5,741,173
Income Qualified	5,501	6,978,390	594,970	11,608	13,870,990	1,183,000
Energy Efficient Products	248,090	29,113,231	1,754,294	740,484	79,585,673	6,516,392
Behavioral	1,220,999	63,150,133	6,234,696	3,079,964	155,756,473	15,480,209
Energy Solutions	677	128,063,266	2,328,699	1,077	209,910,840	3,577,152
Prescriptive & Custom	708,687	186,028,514	382,656	2,017,711	569,439,597	1,026,072
Direct Install	1,171	102,880,177	2,597,180	2,351	192,771,788	6,080,296
Multifamily	194	7,248,522	965,210	333	13,112,159	1,725,226
Next Generation Savings	-	-	-	-	-	-
Building Decarbonization	10,904	(11,397,243)	1,044,523	22,231	(25,305,256)	1,975,899
Demand Response	360,325	(6,522)	-	761,350	(13,045)	-
Portfolio Total	2,598,232	552,411,523	19,007,663	6,715,365	1,283,541,497	43,305,416

**** 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***

6b. Appendix B: Program Budgets and Costs, By Year for All Programs

TOTAL Program Years 4-7+	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	-	3,638,797	6,812,965	40,164,053	171,400,222	1,378,909	4,566,936				**227,961,882**
Income Qualified	-	3,886,649	18,864,183	57,092,545	83,057,013	2,652,069	3,468,618	-			**169,021,078**
Energy Efficient Products	-	6,106,097	14,639,886	65,737,771	100,063,436	1,789,466	3,864,600				**192,201,257**
Behavioral	-	1,443,012	-	2,440,980	24,424,828	61,745	591,609				**28,962,174**
Energy Solutions	-	22,485,257	5,828,026	36,733,140	356,666,225	6,462,557	9,736,842				**437,912,047**
Prescriptive & Custom	-	13,416,787	10,859,112	64,800,158	328,561,855	6,032,605	9,732,786				**433,403,302**
Direct Install	-	12,938,435	5,009,507	33,625,578	274,464,911	5,869,736	7,437,436				**339,345,603**
Multifamily	-	5,720,639	21,331,194	64,663,251	101,830,055	7,207,883	4,160,633				**204,913,655**
Next Generation Savings	-	-	-	-	-	-	-				**-**
Building Decarbonization	-	15,582,427	2,119,205	4,442,461	76,943,295	254,551	1,842,709				**101,184,648**
Demand Response	-	2,000,003	10,537	14,968,283	8,941,112	7,447	13,733				**25,941,115**
IT	37,000,000	-	-	-	-	-	-				**37,000,000**
Workforce Development	-	-	-	-	-	-	-		12,000,000	-	**12,000,000**
Portfolio Total	**37,000,000**	**87,218,103**	**85,474,615**	**384,668,220**	**1,526,352,953**	**31,716,967**	**45,415,902**	**-**	**12,000,000**	**4,800,000**	**2,209,846,759**

Program Year 4	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives - Rebates	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Whole Home	-	727,759	1,417,274	8,147,437	18,516,062	282,350	947,842				**30,038,724**
Income Qualified	-	777,330	3,726,637	11,273,189	6,932,912	525,464	686,019	-			**23,921,551**
Energy Efficient Products	-	1,221,219	3,820,253	15,518,720	20,639,912	426,679	983,327				**42,610,111**
Behavioral	-	279,022	-	471,989	4,722,799	11,939	114,394				**5,600,143**
Energy Solutions	-	4,497,051	3,524,760	12,516,559	-	3,682,919	5,480,180				**29,701,469**
Prescriptive & Custom	-	2,683,357	2,737,013	14,666,833	64,538,593	1,457,862	2,380,849				**88,464,507**
Direct Install	-	2,587,687	1,071,945	6,879,712	-	1,223,455	1,578,779				**13,341,579**
Multifamily	-	1,144,128	6,538,858	18,145,038	225,867	1,868,396	1,245,028				**29,167,314**
Next Generation Savings	-	-	-	-	-	-	-				**-**
Building Decarbonization	-	4,613,322	488,978	1,025,039	7,601,655	58,734	529,623				**14,317,351**
Demand Response	-	369,678	769	2,997,685	1,425,069	543	1,002				**4,794,747**
IT	19,668,475	-	-	-	-	-	-				**19,668,475**
Workforce Development									3,000,000	-	**3,000,000**
Portfolio Total	**19,668,475**	**18,900,554**	**23,326,488**	**91,642,202**	**124,602,870**	**9,538,340**	**13,947,042**	**-**	**3,000,000**	**-**	**304,625,971**

Program Year 5	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives - Rebates	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Whole Home	-	1,455,519	2,030,213	14,608,758	51,032,333	468,086	1,388,871				70,983,780
Income Qualified	-	1,554,660	6,568,227	21,485,894	29,003,308	956,105	1,224,436	-			60,792,629
Energy Efficient Products	-	2,442,439	6,012,747	26,046,990	41,058,296	727,874	1,582,813				77,871,160
Behavioral	-	578,319	-	978,276	9,788,786	24,746	237,100				11,607,228
Energy Solutions	-	8,994,103	881,071	11,515,372	50,056,135	1,115,673	1,723,167				74,285,520
Prescriptive & Custom	-	5,366,715	4,409,892	26,120,122	133,442,818	2,442,502	3,944,019				175,726,069
Direct Install	-	5,175,374	1,977,262	13,391,652	108,317,476	2,329,135	2,940,382				134,131,281
Multifamily	-	2,288,255	6,127,981	20,350,443	29,245,628	2,431,566	1,227,392				61,671,266
Next Generation Savings	-	-	-	-	-	-	-				-
Building Decarbonization	-	4,841,014	866,202	1,815,808	27,211,998	104,045	659,957				35,499,024
Demand Response	-	778,569	3,540	5,989,345	3,319,809	2,502	4,614				10,098,379
IT	17,331,525	-	-	-	-	-	-				17,331,525
Workforce Development									4,200,000	-	4,200,000
Portfolio Total	17,331,525	33,474,966	28,877,136	142,302,660	482,476,588	10,602,233	14,932,751	-	4,200,000	-	734,197,860

Program Year 6	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives - Rebates	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Whole Home	-	1,455,519	3,365,479	17,407,858	84,728,054	628,473	2,230,223				109,815,604
Income Qualified	-	1,554,660	8,569,319	24,333,462	37,848,331	1,170,500	1,558,164	-			75,034,436
Energy Efficient Products	-	2,442,439	4,806,885	24,172,061	32,682,994	634,913	1,298,460				66,037,753
Behavioral	-	585,672	-	990,714	9,913,242	25,060	240,115				11,754,803
Energy Solutions	-	8,994,103	1,422,195	12,701,209	84,613,980	1,663,965	2,533,495				111,928,948
Prescriptive & Custom	-	5,366,715	3,712,206	24,013,203	112,189,487	2,132,241	3,407,919				150,821,770
Direct Install	-	5,175,374	1,960,300	13,354,214	107,378,956	2,317,146	2,918,274				133,104,264
Multifamily	-	2,288,255	8,664,355	26,167,770	41,362,008	2,907,921	1,688,214				83,078,523
Next Generation Savings	-	-	-	-	-	-	-				-
Building Decarbonization	-	6,128,091	764,024	1,601,614	27,230,289	91,772	653,129				36,468,920
Demand Response	-	851,755	6,228	5,981,253	4,196,234	4,402	8,117				11,047,989
IT	-	-	-	-	-	-	-				-
Workforce Development									4,800,000	-	4,800,000
Portfolio Total	-	34,842,582	33,270,991	150,723,357	542,143,576	11,576,393	16,536,109	-	4,800,000	4,800,000	793,893,009

Program Year 7+	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives - Rebates	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Whole Home	-	-	-	-	17,123,773	-	-	-			**17,123,773**
Income Qualified	-	-	-	-	9,272,462	-	-	-			**9,272,462**
Energy Efficient Products	-	-	-	-	5,682,234	-	-				**5,682,234**
Behavioral	-	-	-	-	-	-	-				**-**
Energy Solutions	-	-	-	-	221,996,110	-	-				**221,996,110**
Prescriptive & Custom	-	-	-	-	18,390,957	-	-				**18,390,957**
Direct Install	-	-	-	-	58,768,479	-	-				**58,768,479**
Multifamily	-	-	-	-	30,996,552	-	-				**30,996,552**
Next Generation Savings	-	-	-	-	-	-	-				**-**
Building Decarbonization	-	-	-	-	14,899,354	-	-				**14,899,354**
Demand Response	-	-	-	-	-	-	-				**-**
IT	-	-	-	-	-	-	-				**-**
Workforce Development									-	-	**-**
Portfolio Total	**-**	**-**	**-**	**-**	**377,129,920**	**-**	**-**	**-**	**-**	**-**	**377,129,920**

**** Expenses are shown in the year the project is completed, not when the funds are committed.***

6c. Appendix C: Total Budget Summary, Including Annual Budget Summary and Joint Budgets with Partner Utilities

Program Year	Total Budget Summary	Lead Program Budget[1,2]
Program Year 4	304,625,971	257,245,254
Program Year 5	734,197,860	655,461,705
Program Year 6	793,893,009	729,821,297
Program Year 7+	377,129,920	362,230,566
Portfolio Total	2,209,846,759	2,004,758,822

** Expenses are shown in the year the project is completed, not when the funds are committed*

*** Total includes investment & administrative costs*

1 The Lead Program Budget in Column D 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.

6d. Appendix D: Forecasted Average Costs to Achieve Each Unit of Energy Savings in Each Sector

	Energy Efficiency Programs		Demand Response Program	Building Decarbonization Program
Sector	Total $/ Lifetime kWh	Total $/ Lifetime Therms	Total $/ Lifetime kW	Total $/ Lifetime MMBtu
Residential	$ 0.12	$ 1.18		
C&I	$ 0.09	$ 0.68		
Multifamily	$ 0.71	$ 0.95		
Building Decarbonization				$ 20.38
Demand Response			$ 128.01	

Only include lead fuel budgets and savings.

***** Cost to Achieve include health & safety costs; excludes financing principal***

6e. Appendix E: Benefit Cost Analysis

Cost Test	Total Residential Programs	Total Commercial & Industrial Programs	Total Cross-Sector Programs	Total Portfolio	C&I Existing Buildings	C&I Prescriptive & Custom	C&I Direct Install	C&I Demand Management	C&I Building Decarbonization	Residential Existing Homes	Residential Low/Moderate Income	Residential Efficient Products	Residential Behavioral	Residential Demand Management	Residential Building Decarbonization	Multifamily	Next Generation Savings
Total Resource Costs Tests (TRC)																	
Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	$56,846,794	$284,844,412	$5,222,337	$346,913,542	$119,746,777	$113,798,248	$51,299,387	$0	-$3,459,624	$31,080,122	$5,619,499	$14,434,100	$5,716,302	-$3,229	-$8,882,673	$5,222,337	$0
Lifetime Avoided Wholesale Electric Capacity Costs	$11,697,973	$37,599,002	$987,205	$50,284,180	$8,383,938	$18,466,203	$10,566,893	$181,968	$2,847,118	$4,487,574	$767,186	$1,740,643	$0	$4,702,570	$4,719,150	$987,205	$0
Lifetime Avoided Wholesale Natural Gas Costs	$65,502,438	$50,476,189	$9,110,196	$125,088,824	$35,686,969	-$7,007,596	$21,796,816	$0	$6,662,039	$34,197,958	$7,028,659	$18,406,790	$5,869,031	$0	$4,686,978	$9,110,196	$0
Lifetime DRIPE Benefits (E&G)	$6,632,363	$18,286,358	$759,370	$25,678,092	$8,044,443	$6,115,195	$4,117,621	$9,098	$305,981	$3,451,229	$663,963	$1,710,211	$571,989	$234,971	$35,299	$759,370	$0
Lifetime Avoided RPS REC Purchase Costs	$8,023,458	$40,505,634	$585,931	$49,115,023	$12,185,095	$20,846,175	$7,474,364	$0	-$249,690	$3,127,411	$582,003	$2,649,103	$1,665,407	-$465	-$799,220	$585,931	$0
Lifetime Avoided Wholesale Volatility Costs (E&G)	$18,550,382	$59,864,349	$1,653,493	$80,068,223	$17,316,531	$32,016,111	$10,434,503	$97,204	$395,657	$8,146,220	$1,570,748	$4,649,062	$1,143,979	$3,040,374	-$1,180,468	$1,653,493	$0
Lifetime Avoided T&D Costs (E&G)	$106,900,560	$242,703,868	$7,655,092	$357,259,521	$42,993,651	$128,114,117	$70,219,270	$1,376,830	$8,302,515	$47,298,018	$8,571,427	$22,497,578	$5,419,735	$23,113,801	$12,780,347	$7,655,092	$0
Lifetime Avoided Delivered Fuels Costs	$17,447,638	$0	$557,178	$18,004,816	$0	$0	$0	$0	$0	$14,380,852	$3,066,786	$0	$0	$0	$65,732,174	$557,178	$0
Total Benefit	**$291,601,606**	**$734,279,812**	**$26,530,803**	**$1,052,412,222**	**$244,357,405**	**$312,348,453**	**$175,908,853**	**$1,665,100**	**$14,803,996**	**$146,169,385**	**$27,870,270**	**$66,087,485**	**$20,386,444**	**$31,088,023**	**$77,091,588**	**$26,530,803**	**$0**
Lifetime Incremental Costs	$399,045,899	$730,053,799	$90,688,473	$1,219,788,171	$242,874,017	$292,460,767	$194,297,372	$421,644	$38,447,908	$255,481,087	$50,320,728	$71,514,944	$17,628,341	$4,100,798	$87,753,595	$90,688,473	$0
Lifetime Administration Costs	$199,449,395	$194,923,218	$113,382,566	$507,755,178	$63,705,097	$81,138,213	$49,998,893	$81,015	$3,820,022	$45,564,370	$65,752,553	$71,637,552	$3,490,391	$13,004,529	$14,987,057	$79,824,715	$0
Total Costs	**$598,495,293**	**$924,977,017**	**$204,071,038**	**$1,727,543,349**	**$306,579,114**	**$373,598,979**	**$244,296,265**	**$502,659**	**$42,267,930**	**$301,045,457**	**$116,073,280**	**$143,152,496**	**$21,118,732**	**$17,105,327**	**$102,740,652**	**$170,513,188**	**$0**
Benefit-Cost Ratio	***0.5***	***0.8***	***0.1***	***0.6***	***0.8***	***0.8***	***0.7***	***3.3***	***0.4***	***0.5***	***0.2***	***0.5***	***1.0***	***1.8***	***0.8***	***0.2***	***0.0***
Participant Cost Test (PCT)																	
Lifetime Avoided Retail Electric Costs	$289,986,247	$928,995,367	$24,001,757	$1,242,983,371	$309,260,272	$418,507,070	$199,335,058	$1,892,967	$14,473,934	$158,192,678	$29,057,967	$76,418,380	$26,334,544	-$17,323	-$37,795,003	$24,001,757	$0
Lifetime Avoided Retail Natural Gas Costs	$137,128,382	$90,525,117	$20,368,258	$248,021,757	$54,520,884	-$10,630,137	$46,634,370	$0	$11,125,243	$69,099,173	$14,275,955	$40,805,608	$12,947,646	$0	$10,286,689	$20,368,258	$0
Lifetime Program Incentive Costs	$289,726,943	$698,365,917	$73,061,281	$1,061,154,141	$244,290,510	$252,292,239	$201,346,395	$436,773	$16,210,002	$125,660,415	$62,103,482	$76,790,492	$18,789,002	$6,383,552	$40,922,035	$73,061,281	$0
Lifetime Time-Value of Loan Repayments	$56,508,124	$76,574,845	$8,511,070	$141,594,038	$56,220,451	$13,915,563	$6,438,830	$0	$2,445,839	$35,258,680	$0	$21,249,443	$0	$0	$9,267,766	$8,511,070	$0
Total Benefit	**$773,349,696**	**$1,794,461,246**	**$125,942,365**	**$2,693,753,307**	**$664,292,117**	**$674,084,735**	**$453,754,653**	**$2,329,740**	**$44,255,019**	**$388,210,946**	**$105,437,405**	**$215,263,923**	**$58,071,192**	**$6,366,229**	**$22,681,487**	**$125,942,365**	**$0**
Lifetime Participant Costs	$399,045,899	$730,053,799	$90,688,473	$1,219,788,171	$242,874,017	$292,460,767	$194,297,372	$421,644	$38,447,908	$255,481,087	$50,320,728	$71,514,944	$17,628,341	$4,100,798	$87,753,595	$90,688,473	$0
Total Costs	**$399,045,899**	**$730,053,799**	**$90,688,473**	**$1,219,788,171**	**$242,874,017**	**$292,460,767**	**$194,297,372**	**$421,644**	**$38,447,908**	**$255,481,087**	**$50,320,728**	**$71,514,944**	**$17,628,341**	**$4,100,798**	**$87,753,595**	**$90,688,473**	**$0**
Benefit-Cost Ratio	***1.9***	***2.5***	***1.4***	***2.2***	***2.7***	***2.3***	***2.3***	***5.5***	***1.2***	***1.5***	***2.1***	***3.0***	***3.3***	***1.6***	***0.3***	***1.4***	***0.0***
Program Administrator Cost Test (PAC)																	
Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	$56,846,794	$284,844,412	$5,222,337	$346,913,542	$119,746,777	$113,798,248	$51,299,387	$0	-$3,459,624	$31,080,122	$5,619,499	$14,434,100	$5,716,302	-$3,229	-$8,882,673	$5,222,337	$0
Lifetime Avoided Wholesale Electric Capacity Costs	$11,697,973	$37,599,002	$987,205	$50,284,180	$8,383,938	$18,466,203	$10,566,893	$181,968	$2,847,118	$4,487,574	$767,186	$1,740,643	$0	$4,702,570	$4,719,150	$987,205	$0
Lifetime Avoided Wholesale Natural Gas Costs	$65,502,438	$50,476,189	$9,110,196	$125,088,824	$35,686,969	-$7,007,596	$21,796,816	$0	$6,662,039	$34,197,958	$7,028,659	$18,406,790	$5,869,031	$0	$4,686,978	$9,110,196	$0
Lifetime DRIPE Benefits (E&G)	$6,632,363	$18,286,358	$759,370	$25,678,092	$8,044,443	$6,115,195	$4,117,621	$9,098	$305,981	$3,451,229	$663,963	$1,710,211	$571,989	$234,971	$35,299	$759,370	$0
Lifetime Avoided RPS REC Purchase Costs	$8,023,458	$40,505,634	$585,931	$49,115,023	$12,185,095	$20,846,175	$7,474,364	$0	-$249,690	$3,127,411	$582,003	$2,649,103	$1,665,407	-$465	-$799,220	$585,931	$0
Lifetime Avoided Wholesale Volatility Costs	$18,550,382	$59,864,349	$1,653,493	$80,068,223	$17,316,531	$32,016,111	$10,434,503	$97,204	$395,657	$8,146,220	$1,570,748	$4,649,062	$1,143,979	$3,040,374	-$1,180,468	$1,653,493	$0
Lifetime Avoided T&D Costs	$106,900,560	$242,703,868	$7,655,092	$357,259,521	$42,993,651	$128,114,117	$70,219,270	$1,376,830	$8,302,515	$47,298,018	$8,571,427	$22,497,578	$5,419,735	$23,113,801	$12,780,347	$7,655,092	$0
Total Benefit	**$274,153,968**	**$734,279,812**	**$25,973,625**	**$1,034,407,405**	**$244,357,405**	**$312,348,453**	**$175,908,853**	**$1,665,100**	**$14,803,996**	**$131,788,533**	**$24,803,483**	**$66,087,485**	**$20,386,444**	**$31,088,023**	**$11,359,413**	**$25,973,625**	**$0**
Lifetime Administration Costs	$199,449,395	$194,923,218	$113,382,566	$507,755,178	$63,705,097	$81,138,213	$49,998,893	$81,015	$3,820,022	$45,564,370	$65,752,553	$71,637,552	$3,490,391	$13,004,529	$14,987,057	$79,824,715	$0
Lifetime Program Investment Costs	$289,726,943	$698,365,917	$73,061,281	$1,061,154,141	$244,290,510	$252,292,239	$201,346,395	$436,773	$16,210,002	$125,660,415	$62,103,482	$76,790,492	$18,789,002	$6,383,552	$40,922,035	$73,061,281	$0
Lifetime Time-Value of Loan Repayments	$56,508,124	$76,574,845	$8,511,070	$141,594,038	$56,220,451	$13,915,563	$6,438,830	$0	$2,445,839	$35,258,680	$0	$21,249,443	$0	$0	$9,267,766	$8,511,070	$0
Total Costs	**$545,684,461**	**$969,863,980**	**$194,954,916**	**$1,710,503,357**	**$364,216,059**	**$347,346,015**	**$257,784,118**	**$517,788**	**$22,475,864**	**$206,483,465**	**$127,856,035**	**$169,677,487**	**$22,279,393**	**$19,388,081**	**$65,176,858**	**$161,397,065**	**$0**
Benefit-Cost Ratio	***0.5***	***0.8***	***0.1***	***0.6***	***0.7***	***0.9***	***0.7***	***3.2***	***0.7***	***0.6***	***0.2***	***0.4***	***0.9***	***1.6***	***0.2***	***0.2***	***0.0***
Ratepayer Impact Measure Test (RIM)																	
Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	$56,846,794	$284,844,412	$5,222,337	$346,913,542	$119,746,777	$113,798,248	$51,299,387	$0	-$3,459,624	$31,080,122	$5,619,499	$14,434,100	$5,716,302	-$3,229	-$8,882,673	$5,222,337	$0
Lifetime Avoided Wholesale Electric Capacity Costs	$11,697,973	$37,599,002	$987,205	$50,284,180	$8,383,938	$18,466,203	$10,566,893	$181,968	$2,847,118	$4,487,574	$767,186	$1,740,643	$0	$4,702,570	$4,719,150	$987,205	$0
Lifetime Avoided Wholesale Natural Gas Costs	$65,502,438	$50,476,189	$9,110,196	$125,088,824	$35,686,969	-$7,007,596	$21,796,816	$0	$6,662,039	$34,197,958	$7,028,659	$18,406,790	$5,869,031	$0	$4,686,978	$9,110,196	$0
Lifetime DRIPE Benefits (E&G)	$6,632,363	$18,286,358	$759,370	$25,678,092	$8,044,443	$6,115,195	$4,117,621	$9,098	$305,981	$3,451,229	$663,963	$1,710,211	$571,989	$234,971	$35,299	$759,370	$0
Lifetime Avoided RPS REC Purchase Costs	$8,023,458	$40,505,634	$585,931	$49,115,023	$12,185,095	$20,846,175	$7,474,364	$0	-$249,690	$3,127,411	$582,003	$2,649,103	$1,665,407	-$465	-$799,220	$585,931	$0
Lifetime Avoided Wholesale Volatility Costs	$18,550,382	$59,864,349	$1,653,493	$80,068,223	$17,316,531	$32,016,111	$10,434,503	$97,204	$395,657	$8,146,220	$1,570,748	$4,649,062	$1,143,979	$3,040,374	-$1,180,468	$1,653,493	$0
Lifetime Avoided T&D Costs	$106,900,560	$242,703,868	$7,655,092	$357,259,521	$42,993,651	$128,114,117	$70,219,270	$1,376,830	$8,302,515	$47,298,018	$8,571,427	$22,497,578	$5,419,735	$23,113,801	$12,780,347	$7,655,092	$0
Total Benefit	**$274,153,968**	**$734,279,812**	**$25,973,625**	**$1,034,407,405**	**$244,357,405**	**$312,348,453**	**$175,908,853**	**$1,665,100**	**$14,803,996**	**$131,788,533**	**$24,803,483**	**$66,087,485**	**$20,386,444**	**$31,088,023**	**$11,359,413**	**$25,973,625**	**$0**
Lifetime Administration Costs	$199,449,395	$194,923,218	$113,382,566	$507,755,178	$63,705,097	$81,138,213	$49,998,893	$81,015	$3,820,022	$45,564,370	$65,752,553	$71,637,552	$3,490,391	$13,004,529	$14,987,057	$79,824,715	$0
Lifetime Program Investment Costs	$289,726,943	$698,365,917	$73,061,281	$1,061,154,141	$244,290,510	$252,292,239	$201,346,395	$436,773	$16,210,002	$125,660,415	$62,103,482	$76,790,492	$18,789,002	$6,383,552	$40,922,035	$73,061,281	$0
LIfetime Re-Allocated Distribution Costs	$84,750,657	$196,462,356	$6,636,987	$287,849,999	$56,498,408	$92,157,433	$47,267,956	$538,559	-$4,024,409	$46,303,189	$8,569,746	$22,258,596	$7,624,067	-$4,941	-$9,285,668	$6,636,987	$0
Lifetime Time-Value of Loan Repayments	$56,508,124	$76,574,845	$8,511,070	$141,594,038	$56,220,451	$13,915,563	$6,438,830	$0	$2,445,839	$35,258,680	$0	$21,249,443	$0	$0	$9,267,766	$8,511,070	$0
Total Costs	**$630,435,118**	**$1,166,326,336**	**$201,591,903**	**$1,998,353,357**	**$420,714,467**	**$439,503,448**	**$305,052,074**	**$1,056,347**	**$18,451,455**	**$252,786,654**	**$136,425,782**	**$191,936,083**	**$29,903,460**	**$19,383,140**	**$55,891,189**	**$168,034,052**	**$0**
Benefit-Cost Ratio	***0.4***	***0.6***	***0.1***	***0.5***	***0.6***	***0.7***	***0.6***	***1.6***	***0.8***	***0.5***	***0.2***	***0.3***	***0.7***	***1.6***	***0.2***	***0.2***	***0.0***
Societal Cost Test (SCT)																	
Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	$76,582,355	$366,181,010	$7,168,801	$449,932,166	$164,963,998	$137,034,750	$64,182,262	$0	-$4,914,190	$44,548,812	$8,049,055	$17,730,335	$6,258,253	-$4,100	-$12,262,210	$7,168,801	$0
Lifetime Avoided Wholesale Electric Capacity Costs	$15,169,269	$47,708,323	$1,397,468	$64,275,060	$11,548,777	$22,579,652	$13,377,141	$202,754	$4,097,815	$6,591,270	$1,125,886	$2,238,137	$0	$5,213,975	$6,714,450	$1,397,468	$0
Lifetime Avoided Wholesale Natural Gas Costs	$94,377,046	$77,158,059	$12,640,416	$184,175,521	$51,073,471	-$7,616,771	$33,701,359	$0	$9,429,103	$53,309,535	$10,944,217	$23,681,109	$6,442,185	$0	$6,332,149	$12,640,416	$0
Lifetime DRIPE Benefits (E&G)	$9,212,312	$24,090,854	$1,051,252	$34,354,418	$11,177,753	$7,421,972	$5,480,992	$10,138	$435,619	$5,169,272	$996,194	$2,159,292	$627,055	$260,499	$51,804	$1,051,252	$0
Lifetime Avoided RPS REC Purchase Costs	$9,586,613	$48,539,233	$730,694	$58,856,540	$15,395,264	$24,205,656	$8,938,314	$0	-$325,034	$3,958,301	$734,629	$3,078,159	$1,816,078	-$555	-$996,084	$730,694	$0
Lifetime Avoided Wholesale Volatility Costs	$25,324,317	$78,415,661	$2,299,550	$106,039,528	$24,045,701	$40,364,445	$13,892,650	$112,865	$566,038	$12,234,466	$2,361,330	$5,948,142	$1,254,111	$3,526,268	-$1,662,731	$2,299,550	$0
Lifetime Avoided T&D Costs	$140,768,233	$303,374,111	$10,617,831	$454,760,175	$57,956,116	$155,559,760	$88,327,437	$1,530,798	$11,714,725	$68,704,538	$12,459,517	$28,111,739	$5,937,130	$25,555,308	$17,728,474	$10,617,831	$0
Lifetime Avoided Emissions Damages	$303,693,165	$869,670,078	$33,780,890	$1,207,144,132	$413,005,217	$256,860,098	$199,804,763	$0	$2,665,229	$176,963,012	$33,959,089	$71,771,182	$21,008,059	-$8,177	-$1,999,834	$33,780,890	$0
Job and Savings Multiplier Benefits	$150,678,578	$333,193,801	$46,212,147	$530,084,526	$183,749,299	$68,837,648	$80,458,595	$148,258	$12,211,518	$49,020,987	$34,583,664	$48,217,795	$14,008,793	$4,847,339	$18,439,811	$46,212,147	$0
Non-Energy Benefit Adder	$29,460,189	$65,116,313	$3,059,967	$97,636,469	$31,800,942	$18,878,968	$14,436,404	$0	$692,184	$17,896,239	$3,541,229	$6,142,154	$1,881,166	-$599	$12,771,193	$3,059,967	$0
Low-Income Adder	$5,683,283	$0	$2,080,778	$7,764,061	$0	$0	$0	$0	$0	$894,812	$3,541,229	$1,228,431	$18,812	$0	$2,146,668	$2,080,778	$0
Lifetime Avoided Delivered Fuels Costs	$27,324,280	$0	$772,215	$28,096,495	$0	$0	$0	$0	$0	$22,514,091	$4,810,189	$0	$0	$0	$90,819,670	$772,215	$0
Total Benefit	**$887,859,639**	**$2,213,447,444**	**$121,812,009**	**$3,223,119,092**	**$964,716,538**	**$724,126,176**	**$522,599,916**	**$2,004,814**	**$36,573,007**	**$461,805,335**	**$117,106,227**	**$210,306,475**	**$59,251,643**	**$39,389,958**	**$138,083,361**	**$121,812,009**	**$0**
Lifetime Incremental Costs	$443,026,267	$817,123,348	$102,319,238	$1,362,468,854	$278,080,714	$321,354,598	$217,220,070	$467,966	$43,806,615	$284,552,900	$55,971,864	$78,586,881	$19,385,396	$4,529,226	$96,969,209	$102,319,238	$0
Lifetime Administration Costs	$219,324,518	$213,734,166	$122,382,965	$555,441,649	$69,596,422	$89,073,385	$54,974,349	$90,011	$4,179,160	$50,176,440	$72,414,866	$78,589,136	$3,840,248	$14,303,828	$16,447,597	$87,606,754	$0
Total Costs	**$662,350,785**	**$1,030,857,515**	**$224,702,203**	**$1,917,910,503**	**$347,677,136**	**$410,427,983**	**$272,194,419**	**$557,977**	**$47,985,776**	**$334,729,340**	**$128,386,731**	**$157,176,018**	**$23,225,644**	**$18,833,054**	**$113,416,806**	**$189,925,992**	**$0**
Benefit-Cost Ratio	***1.3***	***2.1***	***0.5***	***1.7***	***2.8***	***1.8***	***1.9***	***3.6***	***0.8***	***1.4***	***0.9***	***1.3***	***2.6***	***2.1***	***1.2***	***0.6***	***0.0***
New Jersey Cost Test (NJCT)																	
Lifetime Avoided Wholesale Electric Energy and Ancillary Costs	$76,582,355	$366,181,010	$7,168,801	$449,932,166	$164,963,998	$137,034,750	$64,182,262	$0	-$4,914,190	$44,548,812	$8,049,055	$17,730,335	$6,258,253	-$4,100	-$12,262,210	$7,168,801	$0
Lifetime Avoided Wholesale Electric Capacity Costs	$15,169,269	$47,708,323	$1,397,468	$64,275,060	$11,548,777	$22,579,652	$13,377,141	$202,754	$4,097,815	$6,591,270	$1,125,886	$2,238,137	$0	$5,213,975	$6,714,450	$1,397,468	$0
Lifetime Avoided Wholesale Natural Gas Costs	$94,377,046	$77,158,059	$12,640,416	$184,175,521	$51,073,471	-$7,616,771	$33,701,359	$0	$9,429,103	$53,309,535	$10,944,217	$23,681,109	$6,442,185	$0	$6,332,149	$12,640,416	$0
Lifetime DRIPE Benefits (E&G)	$9,212,312	$24,090,854	$1,051,252	$34,354,418	$11,177,753	$7,421,972	$5,480,992	$10,138	$435,619	$5,169,272	$996,194	$2,159,292	$627,055	$260,499	$51,804	$1,051,252	$0
Lifetime Avoided Electric Transmission Costs	$63,685,787	$202,010,854	$5,367,371	$271,064,011	$45,394,018	$99,091,495	$56,555,294	$970,047	$15,513,218	$24,540,087	$4,193,964	$9,392,002	$0	$25,559,733	$25,729,711	$5,367,371	$0
Lifetime Avoided Distribution Costs	$77,082,446	$101,363,257	$5,250,461	$183,696,164	$12,562,098	$56,468,265	$31,772,142	$560,752	-$3,798,493	$44,164,451	$8,265,554	$18,719,737	$5,937,130	-$4,425	-$8,001,237	$5,250,461	$0
Lifetime Avoided Emissions Damages	$303,693,165	$869,670,078	$33,780,890	$1,207,144,132	$413,005,217	$256,860,098	$199,804,763	$0	$2,665,229	$176,963,012	$33,959,089	$71,771,182	$21,008,059	-$8,177	-$1,999,834	$33,780,890	$0
Non-Energy Benefit Adder	$29,460,189	$65,116,313	$3,059,967	$97,636,469	$31,800,942	$18,878,968	$14,436,404	$0	$692,184	$17,896,239	$3,541,229	$6,142,154	$1,881,166	-$599	$12,771,193	$3,059,967	$0
Low-Income Adder	$5,683,283	$0	$2,080,778	$7,764,061	$0	$0	$0	$0	$0	$894,812	$3,541,229	$1,228,431	$18,812	$0	$2,146,668	$2,080,778	$0
Lifetime Avoided Delivered Fuels Costs	$27,324,280	$0	$772,215	$28,096,495	$0	$0	$0	$0	$0	$22,514,091	$4,810,189	$0	$0	$0	$90,819,670	$772,215	$0
Total Benefit	**$702,270,131**	**$1,753,298,748**	**$72,569,618**	**$2,528,138,497**	**$741,526,274**	**$590,718,427**	**$419,310,357**	**$1,743,690**	**$24,120,485**	**$396,591,581**	**$79,426,604**	**$153,062,379**	**$42,172,661**	**$31,016,906**	**$122,302,364**	**$72,569,618**	**$0**
Lifetime Incremental Costs	$443,026,267	$817,123,348	$102,319,238	$1,362,468,854	$278,080,714	$321,354,598	$217,220,070	$467,966	$43,806,615	$284,552,900	$55,971,864	$78,586,881	$19,385,396	$4,529,226	$96,969,209	$102,319,238	$0
Lifetime Administration Costs	$219,324,518	$213,734,166	$122,382,965	$555,441,649	$69,596,422	$89,073,385	$54,974,349	$90,011	$4,179,160	$50,176,440	$72,414,866	$78,589,136	$3,840,248	$14,303,828	$16,447,597	$87,606,754	$0
Total Costs	**$662,350,785**	**$1,030,857,515**	**$224,702,203**	**$1,917,910,503**	**$347,677,136**	**$410,427,983**	**$272,194,419**	**$557,977**	**$47,985,776**	**$334,729,340**	**$128,386,731**	**$157,176,018**	**$23,225,644**	**$18,833,054**	**$113,416,806**	**$189,925,992**	**$0**
Benefit-Cost Ratio	***1.1***	***1.7***	***0.3***	***1.3***	***2.1***	***1.4***	***1.5***	***3.1***	***0.5***	***1.2***	***0.6***	***1.0***	***1.8***	***1.6***	***1.1***	***0.4***	***0.0***

6f. Appendix F: Quantitative Performance Indicators

	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)	Net Annuual Demand Savings (Electric and Gas Wtd)
Program Year 4	2,893,885	42	52,450	24,051,644	1,447,875	7,292,405	$ 11.88	27,208
Program Year 5	6,762,985	95	98,906	62,679,760	4,542,429	17,315,662	$ 10.99	52,043
Program Year 6	6,700,896	89	103,748	64,673,248	5,417,667	14,807,639	$ 11.54	56,165
Portfolio Total	**16,357,766**	**226**	**255,104**	**151,404,653**	**11,407,970**	**39,415,706**	**$ 11.37**	**135,416**

***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**

6g. Appendix G: Additional Utility-Led Initiatives

Building Decarbonization Metrics (BD MFRs VII.a. & VII.b.)

	Site and source energy savings by fuel (MMBtu)							
	Electric		Natural Gas		Fuel Oil		Propane	
	Site	Source	Site	Source	Site	Source	Site	Source
Program Year 4	(11,566)	(28,568)	17,768	18,656	28,524	28,809	14,356	14,499
Program Year 5	(35,888)	(87,747)	75,370	79,138	74,249	74,991	37,410	37,784
Program Year 6	(38,887)	(94,107)	104,452	109,675	65,670	66,326	33,100	33,431
Savings Beyond PY6	(21,935)	(52,535)	88,671	93,105	16,809	16,977	8,472	8,556
Total	**(108,277)**	**(262,957)**	**286,261**	**300,574**	**185,251**	**187,104**	**93,337**	**94,271**

	Site and source lifetime energy savings by fuel (MMBtu)							
	Electric		Natural Gas		Fuel Oil		Propane	
	Site	Source	Site	Source	Site	Source	Site	Source
Program Year 4	(173,043)	(395,588)	240,401	252,421	433,783	438,121	218,281	220,464
Program Year 5	(538,317)	(1,217,128)	1,064,837	1,118,079	1,132,839	1,144,167	570,741	576,449
Program Year 6	(579,489)	(1,296,324)	1,479,352	1,553,319	1,004,757	1,014,805	506,428	511,493
Savings Beyond PY6	(329,274)	(728,528)	1,315,687	1,381,472	257,246	259,819	129,647	130,944
Total	**(1,620,123)**	**(3,637,568)**	**4,100,277**	**4,305,291**	**2,828,625**	**2,856,912**	**1,425,098**	**1,439,349**

	Site and source annual emissions by fuel (CO2e MT)							
	Electric		Natural Gas		Fuel Oil		Propane	
	Site	Source	Site	Source	Site	Source	Site	Source
Program Year 4	(585)	(1,445)	940	987	2,115	2,136	903	912
Program Year 5	(1,795)	(4,389)	3,988	4,187	5,505	5,560	2,352	2,376
Program Year 6	(1,933)	(4,679)	5,527	5,803	4,869	4,917	2,081	2,102
Savings Beyond PY6	(1,084)	(2,595)	4,692	4,926	1,246	1,259	533	538
Total	**(5,397)**	**(13,109)**	**15,147**	**15,904**	**13,734**	**13,872**	**5,869**	**5,928**

	Site and source lifetime emissions by fuel (CO2e MT)							
	Electric		Natural Gas		Fuel Oil		Propane	
	Site	Source	Site	Source	Site	Source	Site	Source
Program Year 4	(8,202)	(18,752)	12,720	13,356	32,161	32,482	13,726	13,863
Program Year 5	(25,265)	(57,132)	56,342	59,159	83,988	84,828	35,889	36,248
Program Year 6	(26,940)	(60,273)	78,275	82,189	74,492	75,237	31,845	32,163
Savings Beyond PY6	(15,155)	(33,533)	69,615	73,096	19,072	19,263	8,152	8,234
Total	**(75,563)**	**(169,690)**	**216,952**	**227,800**	**209,714**	**211,811**	**89,612**	**90,509**

	Net annual peak demand savings by fuel (electricity and natural gas only) (peak MW or peak-day therm)			
	Electric	Natural Gas	Fuel Oil	Propane
Program Year 4	2.2	3,027	N/A	N/A
Program Year 5	7.7	14,932	N/A	N/A
Program Year 6	8.9	20,826	N/A	N/A
Savings Beyond PY6	6.1	20,530	N/A	N/A
Total	**25.0**	**59,314**	**N/A**	**N/A**

	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)
	Electric	Natural Gas	Fuel Oil	Propane	All Fuels (sum of prior 4 columns)	
Program Year 4	(18,752)	13,356	32,482	13,863	40,949	$ 507
Program Year 5	(57,132)	59,159	84,828	36,248	123,104	$ 455
Program Year 6	(60,273)	82,189	75,237	32,163	129,316	$ 456
Savings Beyond PY6	(33,533)	73,096	19,263	8,234	67,059	$ 409
Total	**(169,690)**	**227,800**	**211,811**	**90,509**	**360,429**	**$ 453**

	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 Participants		Installations		Number of Installations	Geographic Location of Installations
		Overall	LMI Customers	Overall	LMI Customers		
Program Year 4	*See Note	2,378	386	2,378	386	2,378	**See Note
Program Year 5	*See Note	8,950	890	8,950	890	8,950	**See Note
Program Year 6	*See Note	10,904	700	10,904	700	10,904	**See Note
Savings Beyond PY6	*See Note	8,801	177	8,801	177	8,801	**See Note
Total	***See Note**	**31,032**	**2,154**	**31,032**	**2,154**	**31,032**	****See Note**

*PSE&G anticipates working with a variety of distributors and contractors in the implementation of the Building Decarbonization and will be able to provide more details after program launch
**All installations will be within PSE&G's service territory; precise locations will depend on customer demand

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. 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	$ 41	$ 134	$ 162	$ 107	117,495	1,877	70%	70%
Program Year 5	$ 35	$ 125	$ 139	$ 100	284,624	9,263	70%	70%
Program Year 6	$ 30	$ 110	$ 116	$ 88	366,022	18,642	70%	70%
Total	**$ 33**	**$ 116**	**$ 131**	**$ 93**	**768,141**	**29,782**	**70%**	**70%**

6h. Appendix H: Incentive Ranges

Residential Prescriptive Incentives

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

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	Smart Strip Plug Outlets	Tier 1-$25 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 (Ducted/Ductless)	$750	Per unit	Up to 50% adder	$1,000
	Air Source to cold-climate Heat Pump	$2,000	Per unit	Up to 50% adder	
	Electric Resistance to cold-climate Heat Pump	Lesser of $10,000, or 50% of project cost	Per unit	Up to 50% adder	
	Geothermal Heat Pump	$10,000	Per unit	Up to 50% adder	$1,500
	ASHP to GSHP	Lesser of $2,000 per 10,000 BTUh, or 20% of project cost	Per 10,000 BTUh	Up to 50% adder	$1,500
	Electric Resistance to GSHP	Lesser of $3,500 per 10,000 BTUh, or 40% of project cost	Per 10,000 BTUh	Up to 50% adder	
	Air-to-Water Heat Pumps	$1600 per 10,000 BTUh	Per 10,000 BTUh	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

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 - Natural Gas	Clothes Dryer Gas	$0	Per Unit	Same	$300
	Smart Thermostats [3]	$150	Per thermostat	Same	$125
	Reset controls for boiler	$250	Per control	30% Incentive Adder	$125
	HVAC Maintenance	$250	Per furnace	30% Incentive Adder	$250
	HVAC Quality Install	$500	Per unit	Same	$450
	Gas Furnace - Tier 1 (>= 95%) Non-Condensing to Condensing	$900	Per furnace	Up to 100% incentive adder	$1,000
	Gas Combi Heat Tier 2(AFUE >= to 97%)	$1,750	Per boiler	Up to 100% incentive adder	$1,750
	Gas Combi Heat Tier 1(AFUE >= or equal to 95%)	$1,300	Per boiler	Up to 100% incentive adder	$1,300
	Gas Boiler (>=90% AFUE) Non-Condensing to Condensing	$900	Per boiler	Up to 100% incentive adder	$1,000
	Gas Boiler (>=95% AFUE) Non-Condensing to Condensing	$1,000	Per boiler	Up to 100% incentive adder	$1,200
	Furnace Fans (ECM motor install)	$125	Per ECM motor	Same	N/A
	Tankless WH, UEF>= 0.87	$500	Per Water Heater	Up to full cost of measure	$1,000
	Tankless WH, Energy Star	$750	Per Water Heater	Up to full cost of measure	$1,000
	Indirect - Fired Storage Tank Water Heater* (must be attached to at least a 90% AFUE Boiler)	$250	Per Water Heater	Up to 100% of incremental cost, plus a 100% adder	$250
	Gas Storage Tank Water Heater - Power Vented >55 gallons, UEF>.85 Medium Draw Pattern UEF ≥ 0.78 High Draw Pattern UEF ≥ 0.80	$400	Per Water Heater	Up to 100% of incremental cost, plus a 100% adder	$750
	Gas Storage Tank Water Heater - Power Vented <55 gallons, UEF>.64 Medium Draw Pattern UEF ≥ 0.64 High Draw Pattern UEF ≥ 0.68	$400	Per Water Heater	up to 100% of incremental cost, plus a 100% adder	$500
	Supplemental incentive for LMI customers (limited to qualifying HVAC equipment)	$300	per qualifying unit		$200
	Marketplace Products other than thermostat	Up to 50% discount	Per Unit		Up to 50% discount

Notes

1 - 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.)

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

Residential Comprehensive Incentives

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	The following incentive structures may be used: 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 OR Option B: Customer incentive will be based on the measures installed: Weatherization Measures - Up to 75% of costs for weatherization measures covered Other EE Measures - Based on list of prescriptive measures Rebate Cap = $7,500	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.
		* Initially, ACE, ETG, JC, NJNG, RECO and SJG used Option A and PSE&G used Option B.	
	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 lowincome customers. Same average project spending guideline and H&S expense protocol as Comfort Partners; additional measure costs eligible for financing.	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. 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.
Notes			
1 - Multifamily Whole Building is shown on the Multifamily Schedule.			

Commercial Prescriptive Incentives

Commercial Sector Prescriptive Incentives (not including repayment plans)					
Program	Prescriptive Measure [1]	Rebate Up To Value ($) EDC/GDC Consensus Rebate Strategy [2]	Unit Basis		
	Lighting (Retrofit & New Construction)				
	LED TROFFER LUMINAIRES				
	New LED linear recessed troffer/panel for 2x2, 1x4 and 2x4 luminaires	$100	Per Fixture	Same	
	1 x 4 LED new luminaire rated	$100	Per Fixture	Same	$100
	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
Energy Solutions for Businesses- Prescriptive Measures	New LED luminaire - wall packs, flood lights, canopy, landscape				
	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	$450	Per Fixture	Same	$600
	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
	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

Commercial Sector Prescriptive 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 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		Per Lamp		$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
	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
	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		Per Ton		

Commercial Sector Prescriptive Incentives (not including repayment plans)					
Program	**Prescriptive Measure [1]**	**Rebate Up To Value ($) EDC/GDC Consensus Rebate Strategy [2]**	**Unit Basis**		
	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		Per Ton		
	Tier 1 SEER 16 EER 13 HSPF 10				$150
	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		Per Ton		
	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
	GEOTHERMAL HEAT PUMPS -				
Energy Solutions for Businesses- Prescriptive Measures	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		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		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				

Commercial Sector Prescriptive Incentives (not including repayment plans)				
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**
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
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				
Horsepower				
< 100 hp DNV has binned our VFD measures by the type of 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 of 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		Per Unit		$1,500
Under Counter		Per Unit		
Commercial Dishwasher - Under Counter LT Electric	$300	Per Unit	Same	
Commercial Dishwasher - Under Counter HT Electric	$2,500	Per Unit	Same	
Door Type		Per Unit		
Commercial Dishwasher - Door Type LT Electric	$850	Per Unit	Same	
Commercial Dishwasher - Door Type HT Electric	$1,250	Per Unit	Same	
Single Tank Conveyor		Per Unit		
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		Per Unit		
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				

Commercial Sector Prescriptive Incentives (not including repayment plans)				
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
Fat Fryers		Per Unit	Same	
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		Per Unit		$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
ICE MACHINES				
Tier 1	$200	Per Unit	Same	$200
Tier 2	$300	Per Unit	Same	$300
SOLID DOOR REACH-IN REFRIGERATORS	**Per Unit**			
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	**Per Unit**			
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	**Per Unit**			
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			Same	
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	Up to 30% incentive adder	$1,500	Up to 30% incentive adder
Heat Pump Electric Storage Water Heater, size > 55 gallons	$1,500	Up to 30% incentive adder	$1,500	Up to 30% incentive adder
Heat Pump Electric Storage Water Heater, size ≤ 55 gallons	$1,500	Up to 30% incentive adder	$1,500	Up to 30% incentive adder
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

Commercial Sector Prescriptive Incentives (not including repayment plans)				
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
Imaging - C&I	$25	Per Unit	Same	$25
Small Network PC Controller	$35	Per PC Controlled	Same	$25
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''		Per Unit	Same	$215
High Speed Fan 36'' - 47''		Per Unit	Same	$215
High Speed Fan 48'' - 71''		Per Unit	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 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	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
Commercial Kitchen Equipment (Natural Gas)				
Demand Controlled Kitchen Ventilation (DCKV)	**$1,500 (only for systems >5000 CFM)**	Per HP of ventilation fan	Same	N/A
Commercial Rack Oven (Gas)	$3,000	Per oven	Same	$1,000
Commercial Modulating Gas Dryer Valve	$500	Per modulating gas dryer valve retrofit	Same	$150
Commercial Griddle (Gas)	$1,500	Per griddle	Same	$500
Commercial Fryer (Gas)	$1,000	Per fryer	Same	$750
Commercial Dishwashers, Under Counter Low Temp	$400	Per dishwasher	Same	$400
Commercial Dishwashers, Under Counter High Temp	$400	Per dishwasher	Same	$400
Commercial Dishwashers, Single Tank Conveyor, Low Temp	$1,000	Per dishwasher	Same	$1,000
Commercial Dishwashers, Single Tank Conveyor, High Temp	$1,500	Per dishwasher	Same	$1,500
Commercial Dishwashers, Multiple Tank Conveyor, Low Temp	$1,500	Per dishwasher	Same	$1,500
Commercial Dishwashers, Multiple Tank Conveyor, High Temp	$1,500	Per dishwasher	Same	$1,500
Commercial Dishwashers, Door Type Low Temp	$700	Per dishwasher	Same	$700
Commercial Dishwashers, Door Type High Temp	$750	Per dishwasher	Same	$750
Ventilation with Heat Recovery Gas HRV	$8	Per CFM	Same	N/A
Ventilation with Heat Recovery Gas ERV	$8	Per CFM	Same	N/A
Boilers & Water Heaters (Natural Gas)				
Stack Economizer for Boilers	$11	Per MBH	Up to 30% incentive adder	Up to full cost of measure
Non-Condensing-to-Condensing Gas Furnace > 97% AFUE	$1,500	Per furnace	Up to 30% incentive adder	$1,500
Non-Condensing-to-Condensing Gas Furnace > 95% AFUE	$1,150	Per furnace	Up to 30% incentive adder	$1,000
Gas Fired Low Intensity Infrared Heating >100MBH	$2,000	Per infrared heater	Up to 30% incentive adder	$500
Gas Fired Low Intensity Infrared Heating <100MBH	$2,000	Per infrared heater	Up to 30% incentive adder	$750
Gas Engine Driven Chillers	$400	Per ton	Up to 30% incentive adder	$350
Gas Absorption Chillers, 100 to 400 tons	$400	Per ton	Up to 30% incentive adder	$230
Gas Absorption Chillers, > 400 tons	$400	Per ton	Up to 30% incentive adder	$185
Gas Absorption Chillers, < 100 tons	$450	Per ton	Up to 30% incentive adder	$450
Furnace Tune-up	$250	per MBh	Up to 30% incentive adder	$250
Demand Control Ventilation	$2,500	Per system installed	Up to 30% incentive adder	N/A
Condensing Unit Heater 90% AFUE	$750	Per MBH	Up to 30% incentive adder	$36
Commercial Gas Heat Pumps	$3,000	Per gas heat pump	Up to 30% incentive adder	N/A

Commercial Sector Prescriptive Incentives (not including repayment plans)				
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
Boiler, Steam Natural Draft, > 2,500 MBh (81% TE)	$3	Per MBH	Up to 30% incentive adder	$1
Boiler, Steam Natural Draft, < 300 to 2,500 MBh (81% TE)	$2	Per MBH	Up to 30% incentive adder	$1
Boiler, Steam All Except Natural Draft, 300 to 2,500 MBh (81% TE)	$2	Per MBH	Up to 30% incentive adder	$2
Boiler, Steam All Except Natural Draft, > 2,500 MBh (81% TE)	$3	Per MBH	Up to 30% incentive adder	$2
Boiler, Steam < 300 MBH Input (82% AFUE)	$3	Per MBH	Up to 30% incentive adder	$2
Boiler, HW Condensing - Tier 2, 300 to 2,500 MBh (>94% TE)	$9	Per MBH	Up to 30% incentive adder	$4
Boiler, HW Condensing - Tier 2, > 2,500 MBh (>81%TE)	$9	Per MBH	Up to 30% incentive adder	$4
Non-Condensing-to-Condensing Boiler, HW Condensing - Tier 2, < 300 MBh (>95% AFUE)	$9	Per MBH	Up to 30% incentive adder	$1200 per Boiler
Boiler, HW Condensing - Tier 1, 300 to 2,500 MBh (88%TE)	$4	Per MBH	Up to 30% incentive adder	$4
Boiler, HW Condensing - Tier 1, > 2,500 MBh (88% TE)	$5	Per MBH	Up to 30% incentive adder	$4
Non-Condensing-to-Condensing Boiler, HW Condensing - Tier 1, < 300 MBh (>90% AFUE)	see residential value - $1,000	Per boiler	Up to 30% incentive adder	$1000 per Boiler
Boiler w/Reset Controls	$1	Per control	Up to 30% incentive adder	$1
Boiler Tune-up	$1	per MBh	Up to 30% incentive adder	$1
Boiler HW Non-condensing, 300 to 2,500 MBh (85% TE)	$5	Per MBH	Up to 30% incentive adder	$2
Boiler HW Non-condensing, > 2,500 MBh (85% TE)	$3	Per MBH	Up to 30% incentive adder	$2
Boiler HW Non-condensing, < 300 MBh (85% AFUE)	$6	Per MBH	Up to 30% incentive adder	$2
Boiler Economizer Controls, 3.5 to 4 MMBtu	$2,400	Per MBH	Up to 30% incentive adder	$2,400
Boiler Economizer Controls, 3 to 3.5 MMBtu	$2,100	Per MBH	Up to 30% incentive adder	$2,100
Boiler Economizer Controls, 1.6 to 3 MMBtu	$1,800	Per MBH	Up to 30% incentive adder	$1,800
Boiler Economizer Controls, 0.8 to 1.6 MMBtu	$1,500	Per MBH	Up to 30% incentive adder	$1,500
Boiler Economizer Controls, > 4 MMBtu	$2,700	Per MBH	Up to 30% incentive adder	$2,700
Boiler Economizer Controls, < 800,000 Btu	$1,200	Per MBH	Up to 30% incentive adder	$1,200
OTHER HVAC EQUIPMENT (Natural Gas)				
Thermostat - Smart	$150	Per thermostat	Up to 30% incentive adder	$125
SBDI - Stand Alone Storage Water Heaters	N/A	Per Water Heater	N/A	N/A
SBDI - Pipe Insulation	N/A	Per foot	N/A	N/A
SBDI - Low Flow Pre-rinse Spray Valves	N/A	Per valve	N/A	N/A
SBDI - Instantaneous Water Heaters	N/A	Per Water Heater	N/A	N/A
Pre-Rinse Spray Valve	$100	Per valve	Up to 30% incentive adder	$75
HW Recirculating System with demand control	$2,800	Per Water Heater	Up to 30% incentive adder	$100
DHW, Instant, Gas-Fired, > 200,000 Btuh, > 90% TE (Should be TE Thermal Efficiency)	$2,000	Per Water Heater	Up to 30% incentive adder	$1,000
DHW, Instant, Gas-Fired, < 200,000 Btuh, > 90% TE (Should be TE Thermal Efficiency)	$750	Per MBH	Up to 30% incentive adder	$750
DHW Storage, Gas-Fired, 75,000 to 105,000 Btuh, > 94% TE (Should be TE Thermal Efficiency)	$750	Per Water Heater	Up to 30% incentive adder	$500
DHW Storage, Gas-Fired, 75,000 to 105,000 Btuh, > 82% TE (Should be TE Thermal Efficiency)	$500	Per Water Heater	Up to 30% incentive adder	$750
DHW Storage, Gas-Fired, > 105,000 Btuh (105 MBH), > 94% TE (Should be TE Thermal Efficiency)	$800	Per MBH	Up to 30% incentive adder	$750
DHW Storage, Gas-Fired, > 105,000 Btuh (105 MBH), > 82% TE (Should be TE Thermal Efficiency)	$500		Up to 30% incentive adder	$500
DHW Storage, Gas-Fired, < 75,000 Btuh, (>55gallons) (75 MBH) > 0.81 UEF	$1,000		Up to 30% incentive adder	$500
DHW Storage, Gas-Fired, < 75,000 Btuh, (<55gallons), (75 MBH) > 0.67 EF or 0.64 UEF	$600		Up to 30% incentive adder	$350
Condensing Integrated Boiler and Water Heater (<300MBH,90 AFUE)	$2,500		Up to 30% incentive adder	$2,500
Condensing Integrated Boiler and Water Heater (>300MBH, 94TE)	$2,500		Up to 30% incentive adder	$2,500
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.
ENERGY MANAGEMENT				
Bldg. - Tune-Up	**Consensus EDC/GDC Incentive Strategy**	**% of Project Cost**		
Lighting Optimization	$0.32 / kWh	Up to 80%		
HVAC Optimization	$0.64 / kWh	Up to 80%		
Chiller Optimization	$0.64 / kWh	Up to 80%		

Commercial Sector Prescriptive Incentives (not including repayment plans)				
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
Refrigeration Optimization	$0.64 / kWh	Up to 80%		Project cap of $75,000
Electric Other Optimization	$0.64 / kWh	Up to 80%		
Gas Optimization	$10.00 / therm	Up to 80%		
Boiler Tune-up	$10.00 / therm	Up to 80%		
Furnace Tune-up	$600	Up to 80%		
HVAC Tune-Up				
Single Compressor Units	$350	Up to 80%		$175 per unit
Multiple Compressor Units	$500			$250 per unit
PTAC,PTHP, Mini Splits	$300			$75 per unit
Electric/Other	$0.64 / kWh	Up to 80%		N/A
Boiler Tune-up	$10.00 / Therm	Up to 80%		$1 per MBH
Furnace Tune-up	$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 and $10.00 / therm			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 and $10.00 / therm	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.				

Commercial Comprehensive Incentives

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
	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, PSE&G 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.	

Comprehensive Commercial Programs (not including repayment plans)			
Program	**Category**	**Description of Approach to Incentives** [1 & 2]	**Existing Incentives** [3]
Energy Solutions	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:	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.	**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 80% of the project cost and up to 70% of the cost to attend qualified BOC training up to $1000 per person.	**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 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.	**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.
		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**: 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.
		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.	
	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.		

Multifamily Incentives

Multifamily Incentives (not including repayment plans)		
Measure	**Rebate Strategy [1]**	**Existing Rebate Strategy**
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	- 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
	$1,750 per unit.	- Up to $50 contractor production incentive per unit
	- Contractor production incentive of up to $50 per unit. (Will stay with the lead utility.)	
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.	NJHMFA customers may get a 10-year repayment period; non- NJHFMA a 5-year repayment period.
Notes		
1 - All rebates will be offered equal to or less than the "Up to" value.		

Building Decarbonization Incentives

PSE&G Specific - Building Decarbonization Measures - Comprehensive and Prescriptive Programs			
Sector	Type	Specific	Up to Values Unit Basis Contractor Bonus - Up to
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 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 - Income Qualified	Panel Upgrades	Full cost up to $4000 for panel + $2500 for wiring only when installing BD measures. The upgrade shall include enough capacity to support the needed upgrades and a Level 2 EV charger (where possible).
	Electric Ready - Non-Income Qualified 1	Panel Upgrades	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

Sector	Type	Specific	Up to Values Unit Basis Contractor Bonus - Up to
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
	HPWH	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 - Full panel upgrade will leverage existing EV Make Ready Incentives, where available 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.

6i. Appendix I: Building Decarbonization Measures

Ride-on Lawnmower[6]

Description

This measure represents the purchase of a new or replacement ride-on lawnmower replacing a gasoline powered ride-on lawnmower. This characterizes both residential and commercial applications.

Annual Energy Savings Algorithms

Annual Electric Impact
$\Delta kWh = ChargesPerYear \times ChargeTime \ \times kW_{Draw} \times BatteryQuantitity$
Annual Fuel Impact
$\Delta MMBtu_{gas} = (AnnualGas \ \times 120{,}476) \div 1{,}000{,}000$
Net Source MMBtu Impact
$\Delta NetMMBTU = \Delta MMBtu_{gas} \times STS_{gas} \ - \Delta kWh \ \times \ 0.003412 \times STS_{Elec}$

Calculation Parameters

	Residential	Commercial
ΔkWh	-72.9	-3,150
Charges per year	32	700
Charge time (hours)	4	4
kW Draw	0.56	0.56
Battery Quantity Operation	1	2
$\Delta MMBtu$	4.3	108.4
AnnualGas (gallons)	36	900

Site-to-Source Factors			
	PY4	PY5	PY6
STS_{Elec}	2.5	2.47	2.45
STS_{gas}	1.01	1.01	1.01

Measure Life

The effective useful life (EUL) is 10 years for residential applications and 6 years for commercial applications.

[6] Characterization from VT's Act 56 Tier II Technical Advisory Group. See: https://publicservice.vermont.gov/sites/dps/files/documents/2022%20Tier%20III%20TRM%20Characterizations.pdf

Trimmer

Description

This applies to the purchase of new commercial or residential electrically powered trimmers

Annual Energy Savings Algorithms

Annual Electric Impact

$$\Delta kWh = \left(\frac{Hours}{Run\ time\ per\ charge}\right) \times E_{Battery} \times Discharge\ Rate \times \frac{1}{efficiency\ charge} \div 1{,}000$$

Annual Fuel Impact

$$\Delta MMBtu = (AnnualGas\ \times MMBtu\ per\ gallon)$$

Net Source MMBtu Impact

$$\Delta NetMMBTU = \Delta MMBtu_{gas} \times STS_{gas}\ - \Delta kWh\ \times\ 0.003412 \times STS_{Elec}$$

Measure Parameters

Term	1 HP Replacement	2 HP Replacement	Units	Source
$E_{battery}$: Rated battery energy	100	240	Wh	PSEG-LI TRM
Hours	8.21 Residential, 125 Commercial	8.21 Residential, 125 Commercial	hours	Res hours from: Median Life, Annual Activity, and Load Factor Values for Nonroad Engine Emissions Modeling, EPA 2002. Commercial Hours from VT TRM.
Run Time per Charge	0.5	0.5	hours	PSEG-LI TRM
Efficiency _Charger	0.92	0.92	percent	PSEG-LI TRM
Discharge rate	90%	90%	percent	PSEG-LI TRM
ΔkWh	-1.61 Residential. -24 C&I	-3.86 Residential, -58.7 C&I	kWh	Calculated
AnnualGas	1.41 Residential, 21.47 C&I	2.35 Residential, 115 C&I	gallons	Residential from PSEG-LI TRM, C&I calculated based on differences in operating hours
MMBtu per gallon	0.12	0.12	MMBtu /gallon	Unit Conversion
ΔMMBtu	0.17 Residential, 2.58 C&I	0.28 Residential, 13.8 C&I	MMBtu	Calculated

Site-to-Source Factors			
	PY4	PY5	PY6
STS_{Elec}	2.5	2.47	2.45
STS_{gas}	1.01	1.01	1.01

Measure Life

The measure life is 8 years for residential applications, and 2 years for commercial applications.

Leaf Blower

Description

This applies to the purchase of new commercial or residential electrically powered leaf blower

Annual Energy Savings Algorithms

Annual Electric Impact

$$\Delta kWh = \left(\frac{Hours}{Run\ time\ per\ charge}\right) \times E_{Battery} \times Discharge\ Rate \times \frac{1}{efficiency\ charge} \div 1{,}000$$

Annual Fuel Impact

$$\Delta MMBtu = (AnnualGas\ \times MMBtu\ per\ gallon)$$

Net Source MMBtu Impact

$$\Delta NetMMBTU = \Delta MMBtu_{gas} \times STS_{gas}\ - \Delta kWh\ \times\ 0.003412 \times STS_{Elec}$$

Measure Parameters

Term	1 HP Replacement	2 HP Replacement	Units	Source
$E_{battery}$: Rated battery energy	100	240	Wh	PSEG-LI TRM
Hours	9.4 Residential, 130 Commercial	9.4 Residential, 130 Commercial	hours	Res hours from: Median Life, Annual Activity, and Load Factor Values for Nonroad Engine Emissions Modeling, EPA 2002. Commercial Hours from VT TRM.
Run Time per Charge	0.25	0.25	hours	PSEG-LI TRM
Efficiency_Charger	0.92	0.92	percent	PSEG-LI TRM
Discharge rate	90%	90%	percent	PSEG-LI TRM
ΔkWh	-3.68 Residential, -50.87 CommerciaI	-8.83 Residential, -122 C&I	kWh	Calculated
AnnualGas	1.41 Residential, 19.5 C&I	2.35 Residential, 115 C&I	gallons	Residential from PSEG-LI TRM, C&I calculated based on differences in operating hours
MMBtu per gallon	0.12	0.12	MMBtu/gallon	Unit Conversion
ΔMMBtu	0.17 Residential, 2.34 C&I	0.28 Residential, 13.8 C&I	MMBtu	Calculated

Site-to-Source Factors			
	PY4	PY5	PY6
STS_{Elec}	2.5	2.47	2.45
STS_{gas}	1.01	1.01	1.01

Measure Life

The measure life is 8 years for residential applications, and 2 years for commercial applications.

Push Lawnmower

Description

This applies to the purchase of new commercial or residential electrically powered push lawnmower

Annual Energy Savings Algorithms

Annual Electric Impact

$$\Delta kWh = \left(\frac{Hours}{Run\ time\ per\ charge}\right) \times E_{Battery} \times Discharge\ Rate \times \frac{1}{efficiency\ charge} \div 1{,}000$$

Annual Fuel Impact

$$\Delta MMBtu = (AnnualGas\ \times MMBtu\ per\ gallon)$$

Net Source MMBtu Impact

$$\Delta NetMMBTU = \Delta MMBtu_{gas} \times STS_{gas}\ - \Delta kWh\ \times\ 0.003412 \times STS_{Elec}$$

Measure Parameters

Term	Residential	Commercial	Units	Source
$E_{battery}$: Rated battery energy	300	300	Wh	PSEG-LI TRM
Hours	15	810	hours	Res hours from: Median Life, Annual Activity, and Load Factor Values for Nonroad Engine Emissions Modeling, EPA 2002. Commercial Hours from VT TRM.
Run Time per Charge	1	1	hours	PSEG-LI TRM
Efficiency_Charger	0.92	0.92	percent	PSEG-LI TRM
Discharge rate	90%	90%	percent	PSEG-LI TRM
ΔkWh	-4.4	-238	kWh	Calculated
AnnualGas	3.75	134	gallons	Residential from PSEG-LI TRM, C&I calculated based on differences in operating hours
MMBtu per gallon	0.12	0.12	MMBtu/ gallon	Unit Conversion
ΔMMBtu	0.45	16.08	MMBtu	Calculated

Site-to-Source Factors			
	PY4	PY5	PY6
STS_{Elec}	2.5	2.47	2.45
STS_{gas}	1.01	1.01	1.01

Measure Life

The measure life is 10 years for residential applications, and 6 years for commercial applications.

Chainsaw

Description

This applies to the purchase of new commercial or residential electrically powered chainsaw

Annual Energy Savings Algorithms

Annual Electric Impact

$$\Delta kWh = \left(\frac{Hours}{Run\ time\ per\ charge}\right) \times E_{Battery} \times Discharge\ Rate \times \frac{1}{efficiency\ charge} \div 1{,}000$$

Annual Fuel Impact

$$\Delta MMBtu = (AnnualGas\ \times MMBtu\ per\ gallon)$$

Net Source MMBtu Impact

$$\Delta NetMMBTU = \Delta MMBtu_{gas} \times STS_{gas}\ - \Delta kWh\ \times\ 0.003412 \times STS_{Elec}$$

Measure Parameters

Term	Residential	Commercial	Units	Source
$E_{battery}$: Rated battery energy	150	150	Wh	PSEG-LI TRM
Hours	9.12	80	hours	Res hours from: Median Life, Annual Activity, and Load Factor Values for Nonroad Engine Emissions Modeling, EPA 2002. Commercial Hours from VT TRM.
Run Time per Charge	0.09	0.09	hours	PSEG-LI TRM
Efficiency_Charger	0.92	0.92	percent	PSEG-LI TRM
Discharge rate	90%	90%	percent	PSEG-LI TRM
ΔkWh	-14.87	-130	kWh	Calculated
AnnualGas	1.64	115	gallons	Residential from PSEG-LI TRM, C&I calculated based on differences in operating hours
MMBtu per gallon	0.12	0.12	MMBtu/gallo	Unit Conversion

			n	
ΔMMBtu	0.197	13.8	MMBtu	Calculated

Site-to-Source Factors			
	PY4	PY5	PY6
$\boldsymbol{STS_{Elec}}$	2.5	2.47	2.45
$\boldsymbol{STS_{gas}}$	1.01	1.01	1.01

Measure Life

The measure life is 8 years for residential applications, and 2 years for commercial applications.

Snow Blower

Measure Life

The measure life is 8 years for residential applications, and 2 years for commercial applications.
Snowblower

Description

This applies to the purchase of new commercial or residential electrically powered snowblowers.

Annual Energy Savings Algorithms

Annual Electric Impact

$$\Delta kWh = \left(\frac{Hours}{Run\ time\ per\ charge}\right) \times E_{Battery} \times Discharge\ Rate \times \frac{1}{efficiency\ charge} \div 1{,}000$$

Annual Fuel Impact

$$\Delta MMBtu = (AnnualGas\ \times MMBtu\ per\ gallon)$$

Net Source MMBtu Impact

$$\Delta NetMMBTU = \Delta MMBtu_{gas} \times STS_{gas}\ - \Delta kWh\ \times\ 0.003412 \times STS_{Elec}$$

Measure Parameters

Term	Residential	Units	Source
$E_{battery}$: Rated battery energy	280	Wh	PSEG-LI TRM
Hours	8	hours	Res hours from: Median Life, Annual Activity, and Load Factor Values for Nonroad Engine Emissions Modeling, EPA 2002. Commercial Hours from VT TRM.
Run Time per Charge	0.75	hours	PSEG-LI TRM
Efficiency_Charger	0.92	percent	PSEG-LI TRM
Discharge rate	90%	percent	PSEG-LI TRM
ΔkWh	-2.92	kWh	Calculated
AnnualGas	8	gallons	Residential from PSEG-LI TRM, C&I calculated based on differences in operating hours
MMBtu per gallon	0.12	MMBtu/ gallon	Unit Conversion
ΔMMBtu	0.96	MMBtu	Calculated

Site-to-Source Factors			
	PY4	PY5	PY6
STS_{Elec}	2.5	2.47	2.45
STS_{gas}	1.01	1.01	1.01

Measure Life

The measure life is 10 years for residential applications.

Electric Forklift

Description

This measure represents a new or replacement electric-powered forklift compared to a liquid propane gas=powered forecast. The assumed baseline propane forklift has a four cylinder engine with an eight gallon fuel tank.

Annual Energy Savings Algorithms

Annual Electric Impact

$$\Delta kWh = \frac{(Gallons \times 91{,}600 \times FossilEfficiency)}{ChargerEfficiency \times 3{,}412}$$

Annual Fossil Fuel Impact

$$\Delta MMBtu = Gallons\ x\ 91{,}600$$

Net Source MMBtu Impact

$$\Delta NetMMBTU = \Delta MMBtu_{gas} \times STS_{gas} - \Delta kWh \times 0.003412 \times STS_{Elec}$$

Measure Parameters[7]

Variable	Value
Delta kWh	(13,886)
Gallons	1500
Fossil Efficiency	0.3
Charger Efficiency	0.87
Delta MMBtu	137.4

Site-to-Source Factors			
	PY4	PY5	PY6
STS_{Elec}	2.5	2.47	2.45
STS_{gas}	1.01	1.01	1.01

Measure Life

The effective useful life (EUL) is 8 years.

[7] Characterization from VT's Act 56 Tier II Technical Advisory Group. See: https://publicservice.vermont.gov/sites/dps/files/documents/2022%20Tier%20III%20TRM%20Characterizations.pdf

MINIMUM FILING REQUIREMENTS

1. A monthly revenue requirement calculation based on program expenditures, showing the actual monthly revenue requirement for each of the past twelve months or clause review period, as well as supporting calculations, including the information related to the tax rate and revenue multiplier used in the revenue requirement calculation.

2. For the review period, actual revenues, by month and by rate class recorded under the programs. Monthly beginning and ending clause balances, as well as the average balance net of tax for the 12-month period.

3. The interest rate used each month for over/under recoveries, and all supporting documentation and calculations for the interest rate.

4. The interest expense to be charged or credited to ratepayers each month.

5. A schedule showing budgeted versus actual program costs by the following categories: capital cost, administrative, outside services, marketing/outreach, rebates/incentives, inspections and quality control, and evaluation.

6. The monthly journal entries relating to regulatory asset and O&M expenses for the 12-month review period.

7. Supporting details for all administrative costs included in the revenue requirement.

8. Information supporting the carrying cost used for the unamortized costs.

9. Number of program participants, including a breakdown by sub-program.

10. Estimated demand and energy savings, including a breakdown by sub-program.

11. Emissions reductions from the Program, including a breakdown by sub-program.

12. Participant costs (net of utility incentives), including a breakdown by sub-program.

13. For Demand Response programs, number or program participants and peak demand savings.

14. For Building Decarbonization, number of program participants, MMBtu energy savings and kW and therm-day savings.

Schedule SS-CEF-EE II-1

PSE&G Clean Energy Future Energy Efficiency II Program
Weighted Average Cost of Capital

	Percent	Embedded Cost	Weighted Cost	Pre-Tax Weighted Cost	After-Tax Weighted Cost
Long-Term Debt	44.78%	3.98%	1.78%	1.78%	1.28%
Customer Deposits	0.22%	5.06%	0.01%	0.01%	0.01%
Common Equity	55.00%	9.60%	5.28%	7.34%	5.28%
Total	100.00%		7.07%	9.14%	6.57%
				0.7615%	
Federal Income Tax	21.00%				
State NJ Business Incm Tax	9.00%				
Fed Benefit of State Tax Deduction	-1.89%				
Tax Rate	28.11%				

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program
Electric Revenue Requirements Calculation

SS-CEF-EE II-2E
Page 1 of 3

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	PSE&G Program Investment	Program Investment from/to Partner utility	Capitalized IT Costs	Gross Plant	PSE&G Program Investment Amortization	IT Cost Amortization	Accumulated Amortization	Net Plant	Tax Depreciation	Book Depreciation Tax Basis
Monthly Calculation										
Oct-24	-	-	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-	-	-
Jan-25	14,193,472	(375,600)	-	13,817,872	57,574	-	57,574	13,760,298	13,817,872	57,574
Feb-25	15,537,567	(375,600)	-	28,979,840	178,324	-	235,898	28,743,941	15,161,967	178,324
Mar-25	31,062,447	(375,600)	-	59,666,686	369,361	-	605,259	59,061,427	30,686,847	369,361
Apr-25	37,640,489	(375,600)	-	96,931,575	652,493	-	1,257,752	95,673,823	37,264,889	652,493
May-25	37,669,429	(375,600)	-	134,225,404	963,154	-	2,220,906	132,004,498	37,293,829	963,154
Jun-25	37,669,429	(375,600)	-	171,519,232	1,273,936	-	3,494,842	168,024,391	37,293,829	1,273,936
Jul-25	37,625,013	(375,600)	-	208,768,645	1,584,533	-	5,079,374	203,689,271	37,249,413	1,584,533
Aug-25	37,027,907	(375,600)	-	245,420,952	1,892,457	-	6,971,831	238,449,121	36,652,307	1,892,457
Sep-25	33,320,313	(375,600)	-	278,365,665	2,182,444	-	9,154,275	269,211,390	32,944,713	2,182,444
	Program Assumption	Investment in Shared Service Territory shared with Partner Utility	See WP-SS-CEF-EE II-1.xlsx 'ITCap-E' wksht	Prior Month + (Col 1 + Col 2 + Col 3)	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	Prior Month + (Col 5 + Col 6)	Col 4 - Col 7	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht
Annual Summary										
2024	-	-	-	-	-	-	-	-	-	-
2025	388,283,737	(4,507,200)	1,505,967	385,282,504	17,381,330	8,964	17,390,294	367,892,210	383,801,636	17,390,294
2026	458,347,369	(4,507,200)	18,143,793	857,266,467	60,700,711	1,619,625	79,710,629	777,555,837	456,258,842	62,320,335
2027	452,780,133	(2,253,600)	-	1,307,793,000	107,832,821	2,807,109	190,350,560	1,117,442,440	454,456,485	110,639,930
2028	104,177,726	-	-	1,411,970,726	137,018,660	2,807,109	330,176,328	1,081,794,397	108,107,678	139,825,769
2029	-	-	-	1,411,970,726	139,232,096	2,807,109	472,215,533	939,755,192	3,929,952	142,039,205
2030	-	-	-	1,411,970,726	139,232,096	2,807,109	614,254,739	797,715,987	3,904,853	142,039,205
2031	-	-	-	1,411,970,726	139,232,096	2,807,109	756,293,944	655,676,782	1,511,280	142,039,205
2032	-	-	-	1,411,970,726	139,232,096	2,798,145	898,324,185	513,646,541	-	142,030,241
2033	-	-	-	1,411,970,726	139,232,096	1,187,484	1,038,743,765	373,226,960	-	140,419,581
2034	-	-	-	1,411,970,726	139,232,096	-	1,177,975,862	233,994,864	-	139,232,096
2035	-	-	-	1,411,970,726	121,850,766	-	1,299,826,628	112,144,097	-	121,850,766
2036	-	-	-	1,411,970,726	78,531,386	-	1,378,358,014	33,612,712	-	78,531,386
2037	-	-	-	1,411,970,726	31,399,275	-	1,409,757,289	2,213,436	-	31,399,275
2038	-	-	-	1,411,970,726	2,213,436	-	1,411,970,726	-	-	2,213,436
Total	1,403,588,965	(11,268,000)	19,649,761		1,392,320,965	19,649,761			1,411,970,726	1,411,970,726
Jan 25 - Sep 25	248,425,752	(3,004,800)	-		6,971,831	-			245,420,952	6,971,831

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program
Electric Revenue Requirements Calculation

SS-CEF-EE II-2E
Page 2 of 3

	(11) Deferred Income Tax	(12) Beginning Accumulated Deferred Income Tax	(13) Ending Acumulated Deferred Income Tax	(14) Average Net Investment	(15) Investment Return Requirement	(16) OBR	(17) Gross OBR	(18) OBR Amort	(19) OBR Accumulated Amortization
Monthly Calculation									
Oct-24	-	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-	-
Jan-25	978,357	-	978,357	6,390,970	48,667	767,671	767,671	4,569	4,569
Feb-25	1,065,337	978,357	2,043,694	19,741,094	150,327	912,348	1,680,020	14,551	19,121
Mar-25	2,155,573	2,043,694	4,199,267	40,781,203	310,545	5,050,637	6,730,657	59,859	78,979
Apr-25	2,603,141	4,199,267	6,802,409	71,866,787	547,260	12,073,469	18,804,126	180,770	259,749
May-25	2,583,111	6,802,409	9,385,520	105,745,196	805,241	12,085,175	30,889,301	342,874	602,623
Jun-25	2,561,014	9,385,520	11,946,534	139,348,417	1,061,127	12,085,175	42,974,477	505,049	1,107,672
Jul-25	2,535,773	11,946,534	14,482,307	172,642,410	1,314,658	12,971,228	55,945,705	674,434	1,782,105
Aug-25	2,471,425	14,482,307	16,953,732	205,351,176	1,563,732	12,896,918	68,842,622	850,597	2,632,702
Sep-25	2,187,197	16,953,732	19,140,930	235,782,924	1,795,467	12,210,649	81,053,271	1,018,686	3,651,388
	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	(Prev Col 8 - Col 12 + Col 8 - Col 13) / 2	Col 14 * Monthly Pre Tax WACC	WP- SS-CEF-EE II-2E 2E (a) - 2G (a) - OBR 5 year + WP- SS-CEF-EE II-2E 2E (b) - 2G (b) - OBR 7 year + WP- SS-CEF-EE II-2E 2E (c) - 2G (c) - OBR 10 year	Prior Month + (Col 16)	WP- SS-CEF-EE II-2E 2E (a) - 2G (a) - OBR 5 year + WP- SS-CEF-EE II-2E 2E (b) - 2G (b) - OBR 7 year + WP- SS-CEF-EE II-2E 2E (c) - 2G (c) - OBR 10 year	Prior Month + (Col 18)
Annual Summary									
2024	-	-	-	-	-	-	-	-	-
2025	26,051,846	-	26,051,846	156,585,812	14,308,655	125,590,831	125,590,831	7,796,308	7,796,308
2026	28,009,028	26,051,846	54,060,874	533,751,967	48,773,721	221,388,222	346,979,053	39,844,698	47,641,007
2027	24,445,357	54,060,874	78,506,231	899,167,626	82,165,039	284,331,511	631,310,565	84,380,146	132,021,153
2028	(2,255,156)	78,506,231	76,251,075	1,050,779,241	96,019,156	102,401,603	733,712,167	127,909,307	259,930,460
2029	(9,819,568)	76,251,075	66,431,507	939,433,504	85,844,494	-	733,712,167	132,269,611	392,200,070
2030	(9,821,352)	66,431,507	56,610,155	807,213,941	73,762,403	-	733,712,167	128,477,225	520,677,295
2031	(9,991,536)	56,610,155	46,618,619	675,057,431	61,686,073	-	733,712,167	107,522,108	628,199,403
2032	(10,098,350)	46,618,619	36,520,269	543,088,401	49,626,875	-	733,712,167	72,184,424	700,383,827
2033	(9,983,832)	36,520,269	26,536,437	411,674,949	37,618,445	-	733,712,167	22,438,413	722,822,240
2034	(9,899,402)	26,536,437	16,637,035	282,024,176	25,771,087	-	733,712,167	6,075,532	728,897,771
2035	(8,663,589)	16,637,035	7,973,445	157,623,173	14,403,448	-	733,712,167	2,497,807	731,395,578
2036	(5,583,582)	7,973,445	2,389,864	64,202,779	5,866,786	-	733,712,167	1,662,750	733,058,327
2037	(2,232,488)	2,389,864	157,375	13,037,286	1,191,334	-	733,712,167	642,418	733,700,746
2038	(157,375)	157,375	-	313,289	28,628	-	733,712,167	11,421	733,712,167
Total								733,712,167	
Jan 25 - Sep 25	16,953,732				5,801,556	68,842,622		2,632,702	

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program
Electric Revenue Requirements Calculation

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
	Net OBR	Avg Net OBR	OBR Return	OBR Bad Debt	Administrative Expenses	Revenue Offsets	Tax Flow-through	Tax Flow-Through Gross-up	Tax Adjustment on Loan	Revenue Requirements
Monthly Calculation										
Oct-24	-	-	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-	-	-
Jan-25	763,102	381,551	2,905	82	6,935,795	-	(2,889,663)	(1,129,899)	-	3,025,463
Feb-25	1,660,899	1,212,000	9,229	180	6,935,795	-	(3,146,565)	(1,230,351)	-	2,896,939
Mar-25	6,651,678	4,156,288	31,650	898	6,935,795	-	(6,366,672)	(2,489,458)	-	(1,207,881)
Apr-25	18,544,377	12,598,027	95,933	2,356	6,935,795	-	(7,688,603)	(3,006,352)	-	(2,461,118)
May-25	30,286,678	24,415,527	185,922	3,816	6,935,795	-	(7,629,442)	(2,983,219)	-	(1,718,732)
Jun-25	41,866,805	36,076,742	274,721	5,275	6,935,795	-	(7,564,178)	(2,957,700)	-	(971,023)
Jul-25	54,163,599	48,015,202	365,632	6,865	6,541,814	-	(7,489,625)	(2,928,548)	-	(604,672)
Aug-25	66,209,920	60,186,760	458,317	8,446	6,541,814	-	(7,299,569)	(2,854,234)	-	310,964
Sep-25	77,401,883	71,805,902	546,796	9,890	6,541,814	-	(6,460,076)	(2,525,981)	-	2,090,355
	(Col 17) - (Col 19)	(Prev Col 20 + Col 20) / 2	Col 21 * Monthly Pre Tax WACC	See WP-SS-CEF-EE II-1.xlsx 'PS Inputs' wksht	Program Assumption	N/A	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	Col 5 + Col 6 + Col 15 + Col 22 + Col 23 + Col 24 + Col 25 + Col 26 + Col 27 + Col 28
Annual Summary					-					
2024	-	-	-	-	-	-	-	-	-	-
2025	603,760,569	45,405,276	4,149,089	78,018	80,865,657	-	(76,946,382)	(30,087,116)	-	9,758,214
2026	2,585,887,585	207,926,319	19,000,099	373,224	79,230,094	-	(82,727,086)	(32,347,453)	-	94,622,934
2027	4,886,295,818	398,860,011	36,447,429	778,921	39,979,210	-	(72,201,477)	(28,231,792)	-	169,577,260
2028	6,196,005,356	517,396,601	47,279,184	1,158,812	-	-	6,660,799	2,604,466	-	293,548,187
2029	4,825,628,025	407,646,902	37,250,366	1,190,426	-	-	29,002,943	11,340,558	-	306,667,993
2030	3,252,339,055	276,381,472	25,255,463	1,152,071	-	-	29,008,214	11,342,619	-	282,559,975
2031	1,830,304,857	157,005,493	14,347,005	957,489	-	-	29,510,864	11,539,163	-	260,079,799
2032	744,540,029	65,052,687	5,944,449	630,707	-	-	29,826,351	11,662,522	-	239,721,146
2033	225,479,537	19,724,895	1,802,441	190,320	-	-	29,488,112	11,530,266	-	221,049,165
2034	80,663,808	6,975,131	637,381	51,090	-	-	29,238,740	11,432,758	-	206,363,153
2035	40,999,820	3,520,727	321,721	22,285	-	-	25,588,661	10,005,526	-	172,192,406
2036	16,017,288	1,404,055	128,301	14,602	-	-	16,491,591	6,448,444	-	107,481,109
2037	2,597,871	243,257	22,229	5,392	-	-	6,593,848	2,578,287	-	41,790,365
2038	2,855	714	65	51	-	-	464,822	181,752	-	2,888,755
Total			192,585,221	6,603,410	200,074,961					2,408,300,461
Jan 25 - Sep 25			1,424,310	27,917	54,698,401	-	(50,074,315)	(19,579,761)	-	1,360,293

PSE&G Clean Energy Future Energy Efficiency II Program
Electric Revenue Requirements Calculation - OBR 5 Year Term

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	OBR	Gross OBR	OBR Amortization	Accumulated OBR Amortization	Net OBR	Average Net OBR	Return Requirement	Revenue Requirements
Monthly Calculation								
Oct-24	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-
Jan-25	-	-	-	-	-	-	-	-
Feb-25	4,353	4,353	36	36	4,317	2,158	16	16
Mar-25	4,141,834	4,146,187	34,588	34,624	4,111,563	2,057,940	15,671	15,671
Apr-25	4,141,834	8,288,021	103,618	138,243	8,149,779	6,130,671	46,685	46,685
May-25	4,147,186	12,435,207	172,694	310,936	12,124,271	10,137,025	77,193	77,193
Jun-25	4,147,186	16,582,392	241,813	552,749	16,029,643	14,076,957	107,195	107,195
Jul-25	4,977,933	21,560,325	317,856	870,605	20,689,720	18,359,681	139,807	139,807
Aug-25	4,978,704	26,539,029	400,828	1,271,433	25,267,595	22,978,658	174,981	174,981
Sep-25	3,830,670	30,369,699	474,239	1,745,673	28,624,026	26,945,811	205,190	205,190
	See WP-SS-CEF-EE II-2E (a) - 2G (a) - OBR 5 Year 'BkTaxSum' wksht'	Prior Month + Col 1	See WP-SS-CEF-EE II-2E (a) - 2G (a) - OBR 5 Year 'BkTaxSum' wksht'	Prior Month + Col 3	Col 2 - Col 4	(Prev Col 5 + Col 5) / 2	Col 6 * Monthly Pre Tax WACC	Col 7
Annual Summary								
2024	-	-	-	-	-	-	-	-
2025	56,317,395	56,317,395	3,792,386	3,792,386	52,525,008	17,957,750	1,640,961	1,640,961
2026	136,138,141	192,455,536	24,747,503	28,539,889	163,915,647	109,839,701	10,037,042	10,037,042
2027	206,939,932	399,395,467	56,248,621	84,788,510	314,606,958	228,071,577	20,840,953	20,840,953
2028	101,031,025	500,426,493	95,736,416	180,524,926	319,901,567	347,539,232	31,757,788	31,757,788
2029	-	500,426,493	100,085,299	280,610,224	219,816,268	269,858,918	24,659,438	24,659,438
2030	-	500,426,493	96,292,912	376,903,137	123,523,356	170,777,800	15,605,505	15,605,505
2031	-	500,426,493	75,337,796	452,240,933	48,185,560	83,586,132	7,638,017	7,638,017
2032	-	500,426,493	43,836,677	496,077,610	4,348,883	22,774,552	2,081,116	2,081,116
2033	-	500,426,493	4,348,883	500,426,493	(0)	660,570	60,362	60,362
Total	500,426,493		500,426,493				114,321,181	114,321,181
Jan 25 - Sep 25	30,369,699		1,745,673				766,738	766,738

PSE&G Clean Energy Future Energy Efficiency II Program
Electric Revenue Requirements Calculation - OBR 7 Year Term

SS-CEF-EE II-2E (b)
Page 1 of 1

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	OBR	Gross OBR	OBR Amortization	Accumulated OBR Amortization	Net OBR	Average Net OBR	Return Requirement	Revenue Requirements
Monthly Calculation								
Oct-24	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-
Jan-25	767,671	767,671	4,569	4,569	763,102	381,551	2,905	2,905
Feb-25	891,973	1,659,645	14,448	19,018	1,640,627	1,201,864	9,152	9,152
Mar-25	891,973	2,551,618	25,067	44,085	2,507,533	2,074,080	15,794	15,794
Apr-25	7,533,518	10,085,136	75,219	119,304	9,965,832	6,236,683	47,492	47,492
May-25	7,533,518	17,618,654	164,904	284,207	17,334,446	13,650,139	103,945	103,945
Jun-25	7,533,518	25,152,171	254,588	538,795	24,613,376	20,973,911	159,715	159,715
Jul-25	7,565,070	32,717,241	344,461	883,256	31,833,985	28,223,681	214,921	214,921
Aug-25	7,495,176	40,212,418	434,105	1,317,361	38,895,056	35,364,521	269,298	269,298
Sep-25	7,495,176	47,707,594	523,333	1,840,695	45,866,899	42,380,978	322,728	322,728
	See WP-SS-CEF-EE II-2E (b) - 2G (b) - OBR 7 Year 'BkTaxSum' wksht'	Prior Month + Col 1	See WP-SS-CEF-EE II-2E (b) - 2G (b) - OBR 7 Year 'BkTaxSum' wksht'	Prior Month + Col 3	Col 2 - Col 4	(Prev Col 5 + Col 5) / 2	Col 6 * Monthly Pre Tax WACC	Col 7
Annual Summary								
2025	64,061,186	64,061,186	3,836,566	3,836,566	60,224,620	25,812,873	2,358,755	2,358,755
2026	75,565,698	139,626,884	14,094,782	17,931,348	121,695,536	88,649,887	8,100,738	8,100,738
2027	67,007,160	206,634,044	26,108,781	44,040,129	162,593,915	152,652,757	13,949,256	13,949,256
2028	-	206,634,044	29,519,149	73,559,278	133,074,766	147,834,341	13,508,954	13,508,954
2029	-	206,634,044	29,519,149	103,078,427	103,555,617	118,315,192	10,811,524	10,811,524
2030	-	206,634,044	29,519,149	132,597,576	74,036,468	88,796,043	8,114,094	8,114,094
2031	-	206,634,044	29,519,149	162,116,725	44,517,319	59,276,893	5,416,663	5,416,663
2032	-	206,634,044	25,682,583	187,799,309	18,834,735	30,800,831	2,814,549	2,814,549
2033	-	206,634,044	15,424,367	203,223,676	3,410,369	10,252,184	936,834	936,834
2034	-	206,634,044	3,410,369	206,634,044	-	828,153	75,676	75,676
2035	-	206,634,044	-	206,634,044	-	-	-	-
Total	206,634,044		206,634,044				66,087,043	66,087,043
Jan 25 - Sep 25	47,707,594		1,840,695				1,145,949	1,145,949

PSE&G Clean Energy Future Energy Efficiency II Program
Electric Revenue Requirements Calculation - OBR 10 Year Term

SS-CEF-EE II-2E (c)
Page 1 of 1

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	OBR	Gross OBR	OBR Amortization	Accumulated OBR Amortization	Net OBR	Average Net OBR	Return Requirement	Revenue Requirements
Monthly Calculation								
Oct-24	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-
Jan-25	-	-	-	-	-	-	-	-
Feb-25	16,022	16,022	67	67	15,955	7,978	61	61
Mar-25	16,830	32,852	204	270	32,581	24,268	185	185
Apr-25	398,117	430,969	1,933	2,203	428,766	230,674	1,757	1,757
May-25	404,472	835,441	5,277	7,480	827,961	628,364	4,785	4,785
Jun-25	404,472	1,239,913	8,647	16,127	1,223,786	1,025,874	7,812	7,812
Jul-25	428,225	1,668,138	12,117	28,244	1,639,894	1,431,840	10,903	10,903
Aug-25	423,038	2,091,176	15,664	43,908	2,047,268	1,843,581	14,039	14,039
Sep-25	884,802	2,975,978	21,113	65,021	2,910,957	2,479,113	18,878	18,878
	See WP-SS-CEF-EE II-2E (c) - 2G (c) - OBR 10 Year 'BkTaxSum' wksht'	Prior Month + Col 1	See WP-SS-CEF-EE II-2E (c) - 2G (c) - OBR 10 Year 'BkTaxSum' wksht'	Prior Month + Col3	Col 2 - Col 4	(Prev Col 5 + Col 5) / 2	Col 6 * Monthly Pre Tax WACC	Col 7
Annual Summary								
2025	5,212,251	5,212,251	167,357	167,357	5,044,894	1,634,653	149,373	149,373
2026	9,684,383	14,896,634	1,002,413	1,169,770	13,726,864	9,436,731	862,319	862,319
2027	10,384,419	25,281,053	2,022,745	3,192,515	22,088,538	18,135,678	1,657,220	1,657,220
2028	1,370,578	26,651,631	2,653,742	5,846,256	20,805,375	22,023,027	2,012,442	2,012,442
2029	-	26,651,631	2,665,163	8,511,419	18,140,212	19,472,793	1,779,404	1,779,404
2030	-	26,651,631	2,665,163	11,176,582	15,475,048	16,807,630	1,535,864	1,535,864
2031	-	26,651,631	2,665,163	13,841,745	12,809,885	14,142,467	1,292,324	1,292,324
2032	-	26,651,631	2,665,163	16,506,908	10,144,722	11,477,304	1,048,785	1,048,785
2033	-	26,651,631	2,665,163	19,172,072	7,479,559	8,812,141	805,245	805,245
2034	-	26,651,631	2,665,163	21,837,235	4,814,396	6,146,978	561,705	561,705
2035	-	26,651,631	2,497,807	24,335,041	2,316,590	3,520,727	321,721	321,721
2036	-	26,651,631	1,662,750	25,997,791	653,840	1,404,055	128,301	128,301
2037	-	26,651,631	642,418	26,640,209	11,421	243,257	22,229	22,229
2038	-	26,651,631	11,421	26,651,631	-	714	65	65
Total	26,651,631		26,651,631				12,176,997	12,176,997
Jan 25 - Sep 25	2,975,978		65,021				58,419	58,419

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program — **Schedule SS-CEF II-2G**

Gas Revenue Requirements Calculation

Page 1 of 3

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	PSE&G Program Investment	Program Investment from/to Partner utility	Capitalized IT Costs	Gross Plant	PSE&G Program Investment Amortization	IT Cost Amortization	Accumulated Amortization	Net Plant	Tax Depreciation	Book Depreciation Tax Basis
Monthly Calculation										
Oct-24	-	-	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-	-	-
Jan-25	5,463,415	(161,000)	-	5,302,415	22,093	-	22,093	5,280,322	5,302,415	22,093
Feb-25	6,569,980	(161,000)	-	11,711,395	70,891	-	92,984	11,618,411	6,408,980	70,891
Mar-25	7,184,117	(161,000)	-	18,734,512	126,858	-	219,842	18,514,670	7,023,117	126,858
Apr-25	11,453,965	(161,000)	-	30,027,477	203,175	-	423,017	29,604,460	11,292,965	203,175
May-25	11,459,372	(161,000)	-	41,325,850	297,306	-	720,323	40,605,527	11,298,372	297,306
Jun-25	11,459,372	(161,000)	-	52,624,222	391,459	-	1,111,781	51,512,441	11,298,372	391,459
Jul-25	14,973,088	(161,000)	-	67,436,310	500,252	-	1,612,034	65,824,276	14,812,088	500,252
Aug-25	14,472,029	(161,000)	-	81,747,338	621,599	-	2,233,632	79,513,706	14,311,029	621,599
Sep-25	14,634,368	(161,000)	-	96,220,706	741,534	-	2,975,166	93,245,540	14,473,368	741,534
	Program Assumption	Investment in Shared Service Territory shared with Partner Utility	See WP-SS-CEF-EE II-1.xlsx 'ITCap-E' wksht	Prior Month + (Col 1 + Col 2 + Col 3)	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	Prior Month + (Col 5 + Col 6)	Col 4 - Col 7	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht
Annual Summary										
2024	-	-	-	-	-	-	-	-	-	-
2025	140,776,274	(1,932,000)	1,505,967	140,350,241	5,908,983	8,964	5,917,947	134,432,294	138,869,373	5,917,947
2026	176,103,019	(1,932,000)	18,143,793	332,665,053	22,252,490	1,619,625	29,790,061	302,874,992	176,589,691	23,872,114
2027	163,142,651	(966,000)	-	494,841,705	40,726,228	2,807,109	73,323,397	421,518,307	166,106,603	43,533,336
2028	9,853,420	-	-	504,695,125	48,304,294	2,807,109	124,434,800	380,260,325	13,783,373	51,111,403
2029	-	-	-	504,695,125	48,504,536	2,807,109	175,746,445	328,948,680	3,929,952	51,311,645
2030	-	-	-	504,695,125	48,504,536	2,807,109	227,058,090	277,637,035	3,904,853	51,311,645
2031	-	-	-	504,695,125	48,504,536	2,807,109	278,369,736	226,325,389	1,511,280	51,311,645
2032	-	-	-	504,695,125	48,504,536	2,798,145	329,672,417	175,022,708	-	51,302,681
2033	-	-	-	504,695,125	48,504,536	1,187,484	379,364,437	125,330,688	-	49,692,021
2034	-	-	-	504,695,125	48,504,536	-	427,868,974	76,826,151	-	48,504,536
2035	-	-	-	504,695,125	42,595,554	-	470,464,527	34,230,598	-	42,595,554
2036	-	-	-	504,695,125	26,252,046	-	496,716,574	7,978,551	-	26,252,046
2037	-	-	-	504,695,125	7,778,309	-	504,494,883	200,242	-	7,778,309
2038	-	-	-	504,695,125	200,242	-	504,695,125	-	-	200,242
Total	489,875,364	(4,830,000)	19,649,761		485,045,364	19,649,761			504,695,125	504,695,125
Jan 25 - Sep 25	97,669,706	(1,449,000)	-		2,975,166	-			96,220,706	2,975,166

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program
Gas Revenue Requirements Calculation

	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	Deferred Income Tax	Beginning Acumulated Deferred Income Tax	Ending Acumulated Deferred Income Tax	Average Net Investment	Investment Return Requirement	OBR	Gross OBR	OBR Amort	OBR Accumulated Amortization	Net OBR
Monthly Calculation										
Oct-24	-	-	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-	-	-
Jan-25	375,431	-	375,431	2,452,445	18,675	767,671	767,671	4,569	4,569	763,102
Feb-25	450,638	375,431	826,069	7,848,616	59,767	882,254	1,649,925	14,374	18,944	1,630,981
Mar-25	490,324	826,069	1,316,393	13,995,309	106,573	1,046,032	2,695,957	26,210	45,154	2,650,803
Apr-25	788,484	1,316,393	2,104,877	22,348,930	170,185	5,834,601	8,530,558	67,344	112,498	8,418,060
May-25	782,176	2,104,877	2,887,053	32,609,028	248,315	5,836,788	14,367,347	136,427	248,925	14,118,421
Jun-25	775,482	2,887,053	3,662,535	42,784,190	325,798	5,836,788	20,204,135	205,524	454,449	19,749,686
Jul-25	1,017,571	3,662,535	4,680,106	54,497,038	414,990	6,603,118	26,807,253	280,912	735,361	26,071,891
Aug-25	973,318	4,680,106	5,653,425	67,502,226	514,024	6,540,005	33,347,258	362,227	1,097,588	32,249,669
Sep-25	976,333	5,653,425	6,629,758	80,238,032	611,006	6,638,197	39,985,455	443,634	1,541,222	38,444,233
	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	(Prev Col 8 - Col 12 + Col 8 - Col 13) / 2	Col 14 * Monthly Pre Tax WACC	WP- SS-CEF-EE II-2E 2E (a) - 2G (a) - OBR 5 year + WP- SS-CEF-EE II-2E 2E (b) - 2G (b) - OBR 7 year + WP- SS-CEF-EE II-2E 2E (c) - 2G (c) - OBR 10 year	Prior Month + (Col 16)	WP- SS-CEF-EE II-2E 2E (a) - 2G (a) - OBR 5 year + WP- SS-CEF-EE II-2E 2E (b) - 2G (b) - OBR 7 year + WP- SS-CEF-EE II-2E 2E (c) - 2G (c) - OBR 10 year	Prior Month + (Col 18)	(Col 17) - (Col 19)
Annual Summary										
2024	-	-	-	-	-	-	-	-	-	-
2025	9,452,846	-	9,452,846	53,324,365	4,872,727	57,574,759	57,574,759	3,322,143	3,322,143	54,252,616
2026	10,858,220	9,452,846	20,311,066	202,952,482	18,545,595	82,259,100	139,833,859	14,343,479	17,665,623	122,168,237
2027	8,714,959	20,311,066	29,026,025	351,051,248	32,078,712	85,459,872	225,293,731	28,809,428	46,475,051	178,818,680
2028	(2,654,023)	29,026,025	26,372,002	375,971,899	34,355,936	9,287,076	234,580,807	36,120,546	82,595,597	151,985,210
2029	(3,368,838)	26,372,002	23,003,164	329,916,919	30,147,478	-	234,580,807	36,506,589	119,102,185	115,478,621
2030	(3,370,623)	23,003,164	19,632,541	281,974,187	25,766,519	-	234,580,807	36,126,705	155,228,891	79,351,916
2031	(3,540,806)	19,632,541	16,091,735	234,094,508	21,391,322	-	234,580,807	33,288,732	188,517,622	46,063,185
2032	(3,647,621)	16,091,735	12,444,115	186,402,308	17,033,256	-	234,580,807	26,380,855	214,898,477	19,682,329
2033	(3,533,103)	12,444,115	8,911,012	139,265,687	12,725,959	-	234,580,807	14,258,686	229,157,163	5,423,644
2034	(3,448,673)	8,911,012	5,462,339	93,891,744	8,579,734	-	234,580,807	3,844,798	233,001,961	1,578,846
2035	(3,028,544)	5,462,339	2,433,795	50,462,381	4,611,202	-	234,580,807	889,618	233,891,579	689,228
2036	(1,866,521)	2,433,795	567,275	18,277,970	1,670,223	-	234,580,807	521,553	234,413,131	167,676
2037	(553,038)	567,275	14,237	2,498,573	228,317	-	234,580,807	165,541	234,578,673	2,134
2038	(14,237)	14,237	-	27,776	2,538	-	234,580,807	2,134	234,580,807	-
Total					212,009,519			234,580,807		
Jan 25 - Sep 25	6,629,758				2,469,333	39,985,455		1,541,222		

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program
Gas Revenue Requirements Calculation

Schedule SS-CEF II-2G
Page 3 of 3

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(29)
Monthly Calculation	Avg Net OBR	OBR Return	OBR Bad Debt	Expenses	Revenue Offsets	Tax Flow-through	Tax Flow-Through Gross-up	Tax Adjustment on Loan	ITC Amortization	ITC Tax Gross-up	Tax Assoc. w/40% ITC Basis Reduction	Revenue Requirements
Oct-24	-	-	-	-	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-	-	-	-	-
Jan-25	381,551	2,905	82	2,716,945	-	(1,108,868)	(433,583)	-	-	-	-	1,218,251
Feb-25	1,197,041	9,115	176	2,716,945	-	(1,330,999)	(520,439)	-	-	-	-	1,005,456
Mar-25	2,140,892	16,303	295	2,716,945	-	(1,448,214)	(566,272)	-	-	-	-	952,487
Apr-25	5,534,432	42,144	917	2,716,945	-	(2,328,856)	(910,615)	-	-	-	-	(106,105)
May-25	11,268,241	85,807	1,539	2,716,945	-	(2,310,224)	(903,330)	-	-	-	-	136,357
Jun-25	16,934,053	128,951	2,161	2,716,945	-	(2,290,452)	(895,599)	-	-	-	-	379,263
Jul-25	22,910,789	174,464	2,896	2,603,409	-	(3,005,485)	(1,175,187)	-	-	-	-	(484,662)
Aug-25	29,160,780	222,057	3,624	2,603,409	-	(2,874,780)	(1,124,079)	-	-	-	-	(34,148)
Sep-25	35,346,951	269,164	4,361	2,603,409	-	(2,883,685)	(1,127,561)	-	-	-	-	218,227
	(Prev Col 20 + Col 20) / 2	Col 21 * Monthly Pre Tax WACC	Program Assumption	Program Assumption	N/A	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	See WP-SS-CEF-EE II-1.xlsx 'BkTaxSum' wksht	N/A	N/A	N/A	Col 5 + Col 6 + Col 15 + Col 22 + Col 23 + Col 24 + Col 25 + Col 26 + Col 27 + Col 28
Annual Summary												
2024	-	-	-	-	-	-	-	-	-	-	-	-
2025	21,952,333	2,005,982	33,094	31,922,121	-	(27,919,800)	(10,917,034)	-	-	-	-	5,915,038
2026	85,943,006	7,853,386	133,817	31,502,899	-	(32,070,691)	(12,540,091)	-	-	-	-	37,297,029
2027	158,712,817	14,503,018	264,368	15,882,448	-	(25,740,386)	(10,064,853)	-	-	-	-	70,456,644
2028	168,239,571	15,373,564	325,772	-	-	7,838,886	3,065,115	-	-	-	-	112,070,676
2029	133,731,916	12,220,289	328,559	-	-	9,950,156	3,890,651	-	-	-	-	107,848,777
2030	97,302,315	8,891,388	324,588	-	-	9,955,426	3,892,712	-	-	-	-	100,142,278
2031	62,414,872	5,703,409	298,278	-	-	10,458,077	4,089,255	-	-	-	-	93,251,986
2032	31,804,692	2,906,281	232,953	-	-	10,773,563	4,212,614	-	-	-	-	86,461,349
2033	11,721,168	1,071,069	124,382	-	-	10,435,324	4,080,358	-	-	-	-	78,129,114
2034	2,765,827	252,738	31,584	-	-	10,185,953	3,982,851	-	-	-	-	71,537,395
2035	1,105,833	101,050	7,895	-	-	8,945,066	3,497,647	-	-	-	-	59,758,413
2036	397,883	36,358	4,557	-	-	5,512,930	2,155,633	-	-	-	-	35,631,747
2037	56,873	5,197	1,371	-	-	1,633,445	638,700	-	-	-	-	10,285,339
2038	133	12	10	-	-	42,051	16,442	-	-	-	-	261,296
Total		70,923,741	2,111,227	79,307,469	-				-	-	-	869,047,081
Jan 25 - Sep 25		950,911	16,052	24,111,896	-	(19,581,563)	(7,656,666)	-	-	-	-	3,285,127

PSE&G Clean Energy Future Energy Efficiency II Program **Schedule SS-CEF II-2G (a)**

Gas Revenue Requirements Calculation - OBR 5 Year Term

Page 1 of 1

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	OBR	Gross OBR	OBR Amortization	Accumulated OBR Amortization	Net OBR	Average Net OBR	Return Requirement	Revenue Requirements
Monthly Calculation								
Oct-24	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-
Jan-25	-	-	-	-	-	-	-	-
Feb-25	813	813	7	7	807	403	3	3
Mar-25	164,441	165,254	1,384	1,391	163,863	82,335	627	627
Apr-25	164,441	329,695	4,125	5,515	324,180	244,022	1,858	1,858
May-25	165,441	495,136	6,874	12,389	482,747	403,463	3,072	3,072
Jun-25	165,441	660,576	9,631	22,020	638,556	560,652	4,269	4,269
Jul-25	895,780	1,556,356	18,474	40,494	1,515,862	1,077,209	8,203	8,203
Aug-25	895,924	2,452,280	33,405	73,899	2,378,380	1,947,121	14,827	14,827
Sep-25	907,837	3,360,117	48,437	122,336	3,237,781	2,808,080	21,383	21,383
							-	
	See WP-SS-CEF-EE II-2E (a) - 2G (a) - OBR 5 Year 'BkTaxSum' wksht'	Prior Month + Col 1	See WP-SS-CEF-EE II-2E (a) - 2G (a) - OBR 5 Year 'BkTaxSum' wksht'	Prior Month + Col 3	Col 2 - Col 4	(Prev Col 5 + Col 5) / 2	Col 6 * Monthly Pre Tax WACC	Col 7
Annual Summary							-	
2024	-	-	-	-	-	-	-	-
2025	7,370,850	7,370,850	379,883	379,883	6,990,967	1,822,429	13,878	166,532
2026	17,604,086	24,974,936	3,217,857	3,597,741	21,377,195	14,393,152	109,603	1,315,232
2027	25,937,064	50,912,000	7,297,816	10,895,557	40,016,444	29,676,512	225,984	2,711,810
2028	9,030,987	59,942,987	11,604,688	22,500,245	37,442,742	41,459,582	315,711	3,788,535
2029	-	59,942,987	11,988,597	34,488,843	25,454,145	31,448,443	239,477	2,873,727
2030	-	59,942,987	11,608,714	46,097,556	13,845,431	19,536,834	148,771	1,785,256
2031	-	59,942,987	8,770,740	54,868,297	5,074,690	9,167,382	69,809	837,706
2032	-	59,942,987	4,690,781	59,559,078	383,909	2,295,220	17,478	209,735
2033	-	59,942,987	383,909	59,942,987	-	57,914	441	5,292
Total	59,942,987		59,942,987				8,444,526	13,693,826
Jan 25 - Sep 25	3,360,117		122,336				54,243	54,243

PSE&G Clean Energy Future Energy Efficiency II Program **Schedule SS-CEF II-2G (b)**

Gas Revenue Requirements Calculation - OBR 7 Year Term

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	OBR	Gross OBR	OBR Amortization	Accumulated OBR Amortization	Net OBR	Average Net OBR	Return Requirement	Revenue Requirements
Monthly Calculation								
Oct-24	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-
Jan-25	767,671	767,671	4,569	4,569	763,102	381,551	2,905	2,905
Feb-25	871,417	1,639,088	14,326	18,895	1,620,193	1,191,647	9,074	9,074
Mar-25	871,417	2,510,505	24,700	43,595	2,466,909	2,043,551	15,561	15,561
Apr-25	5,341,754	7,852,259	61,683	105,278	7,746,981	5,106,945	38,889	38,889
May-25	5,341,754	13,194,014	125,275	230,554	12,963,460	10,355,220	78,854	78,854
Jun-25	5,341,754	18,535,768	188,868	419,422	18,116,346	15,539,903	118,335	118,335
Jul-25	5,373,307	23,909,075	252,648	672,070	23,237,005	20,676,676	157,451	157,451
Aug-25	5,314,972	29,224,046	316,269	988,338	28,235,708	25,736,357	195,980	195,980
Sep-25	5,314,972	34,539,018	379,542	1,367,880	33,171,138	30,703,423	233,804	233,804
	See WP-SS-CEF-EE II-2E (b) - 2G (b) - OBR 7 Year 'BkTaxSum' wksht'	Prior Month + Col 1	See WP-SS-CEF-EE II-2E (b) - 2G (b) - OBR 7 Year 'BkTaxSum' wksht'	Prior Month + Col 3	Col 2 - Col 4	(Prev Col 5 + Col 5) / 2	Col 6 * Monthly Pre Tax WACC	Col 7
Annual Summary								
2024	-	-	-	-	-	-	-	-
2025	47,223,076	47,223,076	2,827,918	2,827,918	44,395,159	19,015,449	1,737,613	1,737,613
2026	61,009,767	108,232,843	10,643,215	13,471,132	94,761,711	67,050,754	6,127,031	6,127,031
2027	56,365,373	164,598,217	20,673,194	34,144,326	130,453,891	121,640,045	11,115,346	11,115,346
2028	-	164,598,217	23,514,031	57,658,357	106,939,860	118,696,876	10,846,402	10,846,402
2029	-	164,598,217	23,514,031	81,172,388	83,425,829	95,182,845	8,697,713	8,697,713
2030	-	164,598,217	23,514,031	104,686,419	59,911,798	71,668,814	6,549,025	6,549,025
2031	-	164,598,217	23,514,031	128,200,450	36,397,767	48,154,783	4,400,336	4,400,336
2032	-	164,598,217	20,686,113	148,886,563	15,711,654	25,420,726	2,322,921	2,322,921
2033	-	164,598,217	12,870,816	161,757,379	2,840,837	8,578,468	783,892	783,892
2034	-	164,598,217	2,840,837	164,598,217	-	685,001	62,595	62,595
2035	-	164,598,217	-	164,598,217	-	-	-	-
Total	164,598,217		164,598,217				52,642,872	52,642,872
Jan 25 - Sep 25	34,539,018		1,367,880				850,855	850,855

PSE&G Clean Energy Future Energy Efficiency II Program
Gas Revenue Requirements Calculation - OBR 10 Year Term

Schedule SS-CEF II-2G (c)
Page 1 of 1

Monthly WACC effective 10/15/2024	0.7615%
Inc. tax rate effective 11/1/2018	28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	OBR	Gross OBR	OBR Amortization	Accumulated OBR Amortization	Net OBR	Average Net OBR	Return Requirement	Revenue Requirements
Monthly Calculation								
Oct-24	-	-	-	-	-	-	-	-
Nov-24	-	-	-	-	-	-	-	-
Dec-24	-	-	-	-	-	-	-	-
Jan-25	-	-	-	-	-	-	-	-
Feb-25	10,024	10,024	42	42	9,982	4,991	38	38
Mar-25	10,175	20,198	126	168	20,030	15,006	114	114
Apr-25	328,406	348,604	1,537	1,704	346,900	183,465	1,397	1,397
May-25	329,593	678,197	4,278	5,983	672,215	509,557	3,880	3,880
Jun-25	329,593	1,007,791	7,025	13,008	994,783	833,499	6,347	6,347
Jul-25	334,031	1,341,822	9,790	22,798	1,319,024	1,156,904	8,810	8,810
Aug-25	329,109	1,670,932	12,553	35,351	1,635,581	1,477,303	11,250	11,250
Sep-25	415,389	2,086,320	15,655	51,006	2,035,314	1,835,448	13,977	13,977
	See WP-SS-CEF-EE II-2E (c) - 2G (c) - OBR 10 Year 'BkTaxSum' wksht'	Prior Month + Col 1	See WP-SS-CEF-EE II-2E (c) - 2G (c) - OBR 10 Year 'BkTaxSum' wksht'	Prior Month + Col 3	Col 2 - Col 4	(Prev Col 5 + Col 5) / 2	Col 6 * Monthly Pre Tax WACC	Col 7
Annual Summary								
2025	2,980,833	2,980,833	114,342	114,342	2,866,490	1,114,455	101,838	101,838
2026	3,645,247	6,626,080	482,408	596,750	6,029,330	4,499,100	411,123	411,123
2027	3,157,434	9,783,514	838,419	1,435,169	8,348,346	7,396,261	675,863	675,863
2028	256,088	10,039,603	1,001,826	2,436,995	7,602,608	8,083,114	738,627	738,627
2029	-	10,039,603	1,003,960	3,440,955	6,598,647	7,100,628	648,848	648,848
2030	-	10,039,603	1,003,960	4,444,916	5,594,687	6,096,667	557,107	557,107
2031	-	10,039,603	1,003,960	5,448,876	4,590,727	5,092,707	465,366	465,366
2032	-	10,039,603	1,003,960	6,452,836	3,586,767	4,088,747	373,626	373,626
2033	-	10,039,603	1,003,960	7,456,796	2,582,806	3,084,787	281,885	281,885
2034	-	10,039,603	1,003,960	8,460,757	1,578,846	2,080,826	190,144	190,144
2035	-	10,039,603	889,618	9,350,375	689,228	1,105,833	101,050	101,050
2036	-	10,039,603	521,553	9,871,927	167,676	397,883	36,358	36,358
2037	-	10,039,603	165,541	10,037,469	2,134	56,873	5,197	5,197
2038	-	10,039,603	2,134	10,039,603	-	133	12	12
Total	10,039,603		10,039,603				4,587,044	4,587,044
Jan 25 - Sep 25	2,086,320		51,006				45,813	45,813

Attachment 3

Schedule SS-CEF-EE II-3

PSE&G Clean Energy Future Energy Efficiency II Program
Proposed Rate Calculations

($'s Unless Specified)

Current SUT Rate 6.625%

Line	Date(s)		Electric	Gas	Source/Description
1	Jan 25 - Sep 25	Revenue Requirements	1,360,293	3,285,127	SS-2E/G, Col 23
2	Jan 25 - Sep 25	Forecasted ($/kWh or $/Therm)	30,307,086	1,913,127	
3		Calculated Rate w/o SUT ($kWh or $/Therm)	0.000045	0.001717	(Line 1 / (Line 2 * 1,000)) [Rnd 6]
4		Public Notice Rate w/o SUT ($/kWh)	(0.000325)	0.001717	
5		Existing Rate w/o SUT ($/kWh or $/Therm)	0.000000	0.000000	
6		Proposed Rate w/o SUT ($/kWh or $/Therm)	0.000000	0.001717	Line 4
7		Proposed Rate w/ SUT ($/kWh or $/Therm)	0.000000	0.001831	(Line 6 * (1 + SUT Rate)) [Rnd 6]
8		Difference in Proposed and Existing Rate	0.000000	0.001717	(Line 3 - Line 5)
9		Resultant CEF-EE II Program Revenue Increase / (Decrease)	0	3,284,839	(Line 8 * Line 2 * 1,000)

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program

Schedule SS-CEF-EE II-4E

Electric GPRC Recovery Charge (GPRC) - Rate Impact Analysis

6,700	Avg RS kWh / yr.
683	Avg RS kWh / Summer Month
496	Avg RS kWh / Winter Month
0.006599	Current electric GPRC ($/kWh)

6.625%	SUT Rate effective 1/1/2018
30,307,086	kWh Sales (000) - Jan 25 - Sep 25
39,350,403	kWh Sales (000) - Oct 25 - thereafter

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				Class Average Rate w/SUT - $/kWh							Typical RS GPRC ($)					
	Electric CEF-EE II Revenue Requirements [2]	Electric Impact of CEF EE II w/o SUT ($/kWh)	Electric Impact of CEF-EE II w/ SUT ($/kWh)	RS	RHS	RLM	GLP	LPL-S	LPL-P	HTS-S	Summer Monthly Bill	Winter Monthly Bill	Annual Bill	Change in RS Typical Annual Bill ($'s)	RS Typical Annual Bill ($'s) [1]	% Change in RS Typical Annual Bill
Current				0.240442	0.191767	0.221478	0.199925	0.148187	0.083100	0.072566	4.51	3.27	44.20		1,610.96	
Jan 25 - Sep 25	-	-	-	0.240442	0.191767	0.221478	0.199925	0.148187	0.083100	0.072566	4.51	3.27	44.20	$0.00	1,610.96	0.00%
Oct 25 - Sep 26	71,047,551	0.001806	0.001926	0.242368	0.193693	0.223404	0.201851	0.150113	0.085026	0.074492	5.82	4.23	57.12	$12.92	1,623.88	0.80%
Oct 26 - Sep 27	151,851,285	0.003859	0.004115	0.244557	0.195882	0.225593	0.204040	0.152302	0.087215	0.076681	7.32	5.31	71.76	$27.56	1,638.52	1.71%
Oct 27 - Sep 28	264,164,392	0.006713	0.007158	0.247600	0.198925	0.228636	0.207083	0.155345	0.090258	0.079724	9.40	6.82	92.16	$47.96	1,658.92	2.98%
Oct 28 - Sep 29	312,710,184	0.007947	0.008473	0.248915	0.200240	0.229951	0.208398	0.156660	0.091573	0.081039	10.29	7.48	101.00	$56.80	1,667.76	3.53%
Oct 29 - Sep 30	288,554,284	0.007333	0.007819	0.248261	0.199586	0.229297	0.207744	0.156006	0.090919	0.080385	9.85	7.15	96.60	$52.40	1,663.36	3.25%
Oct 30 - Sep 31	265,412,209	0.006745	0.007192	0.247634	0.198959	0.228670	0.207117	0.155379	0.090292	0.079758	9.42	6.84	92.40	$48.20	1,659.16	2.99%
Oct 31 - Sep 32	244,639,335	0.006217	0.006629	0.247071	0.198396	0.228107	0.206554	0.154816	0.089729	0.079195	9.03	6.56	88.60	$44.40	1,655.36	2.76%
Oct 32 - Sep 33	225,622,879	0.005734	0.006114	0.246556	0.197881	0.227592	0.206039	0.154301	0.089214	0.078680	8.68	6.31	85.20	$41.00	1,651.96	2.55%
Oct 33 - Sep 34	209,511,410	0.005324	0.005677	0.246119	0.197444	0.227155	0.205602	0.153864	0.088777	0.078243	8.38	6.09	82.24	$38.04	1,649.00	2.36%
Oct 34 - Sep 35	185,559,245	0.004716	0.005028	0.245470	0.196795	0.226506	0.204953	0.153215	0.088128	0.077594	7.94	5.77	77.92	$33.72	1,644.68	2.09%
Oct 35 - Sep 36	123,837,046	0.003147	0.003355	0.243797	0.195122	0.224833	0.203280	0.151542	0.086455	0.075921	6.80	4.94	66.72	$22.52	1,633.48	1.40%
Oct 36 - Sep 37	57,714,015	0.001467	0.001564	0.242006	0.193331	0.223042	0.201489	0.149751	0.084664	0.074130	5.58	4.05	54.72	$10.52	1,621.48	0.65%
Oct 37 - Sep 38	7,676,626	0.000195	0.000208	0.240650	0.191975	0.221686	0.200133	0.148395	0.083308	0.072774	4.65	3.38	45.64	$1.44	1,612.40	0.09%
	From Schedule SS-CEF-EE II-2E Col 29	Col 1 / [kWh Sales] (Rnd to 6 dec.)	Col 2 * (1 + SUT Rate) Rnd 6	Current Class Avg Rate + Col 3 for Each Rate Class (Col 4 thru Col 11)							(Cur. eGPRC + Col 3) * Avg RS kWh Sum Mo Rnd 2	(Cur. eGPRC + Col 3) * Avg RS kWh Win Mo Rnd 2	(4 * Col 11) + (8 * Col 12)	Col 13 - Current Col 13	Current Col 15 + Col 14	Col 14 / Current Col 15 Rnd 4

	% Change from Current Class Average Rate w/SUT						
	RS	RHS	RLM	GLP	LPL-S	LPL-P	HTS-S
Jan 25 - Sep 25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Oct 25 - Sep 26	0.80%	1.00%	0.87%	0.96%	1.30%	2.32%	2.65%
Oct 26 - Sep 27	1.71%	2.15%	1.86%	2.06%	2.78%	4.95%	5.67%
Oct 27 - Sep 28	2.98%	3.73%	3.23%	3.58%	4.83%	8.61%	9.86%
Oct 28 - Sep 29	3.52%	4.42%	3.83%	4.24%	5.72%	10.20%	11.68%
Oct 29 - Sep 30	3.25%	4.08%	3.53%	3.91%	5.28%	9.41%	10.78%
Oct 30 - Sep 31	2.99%	3.75%	3.25%	3.60%	4.85%	8.65%	9.91%
Oct 31 - Sep 32	2.76%	3.46%	2.99%	3.32%	4.47%	7.98%	9.14%
Oct 32 - Sep 33	2.54%	3.19%	2.76%	3.06%	4.13%	7.36%	8.43%
Oct 33 - Sep 34	2.36%	2.96%	2.56%	2.84%	3.83%	6.83%	7.82%
Oct 34 - Sep 35	2.09%	2.62%	2.27%	2.51%	3.39%	6.05%	6.93%
Oct 35 - Sep 36	1.40%	1.75%	1.51%	1.68%	2.26%	4.04%	4.62%
Oct 36 - Sep 37	0.65%	0.82%	0.71%	0.78%	1.06%	1.88%	2.16%
Oct 37 - Sep 38	0.09%	0.11%	0.09%	0.10%	0.14%	0.25%	0.29%

[1] All customers assumed to have BGS Supply

[2] Due to $0.00 rate for Jan 25 - Sep 25, the corresponding rev. req. has been included in the Oct 25 -Sep 26 period

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program

Schedule SS-CEF-EE II-4G

Gas GPRC Recovery Charge (GPRC) - Rate Impact Analysis

6.625%	SUT Rate effective 1/1/2018
1,913,127	Therm Sales (000) Jan 25 - Sep 25
2,716,249	Therm Sales (000) - Oct 25 - thereafter

1,040	Typical RSG Therms / yr.		
0.015569	Current gas GPRC ($/therm)		
172	89	29	Monthly Therms
4	2	6	# of Months/year

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				Class Average Rate w/SUT - $/therm						Typical RSG GPRC ($)						
	Gas CEF-EE II Revenue Requirements	Gas Impact of CEF EE II w/o SUT ($/kWh)	Gas Impact of CEF-EE II w/ SUT ($/kWh)	RSG	GSG	LVG	TSG-F	TSG-NF	CIG	Dec-Mar Monthly Bill	Nov & Apr Monthly Bill	May-Oct Monthly Bill	Annual Bill	Change in RSG Typcial Annual Bill ($'s)	RSG Typical Annual Bill ($'s)[4]	% Change in RSG Typical Annual Bill
Current				1.130712	1.247622	0.895300	0.790807	0.701190	0.447952	2.68	1.39	0.45	16.20		1,175.94	
Jan 25 - Sep 25	3,285,127	0.001717	0.001831	1.132543	1.249453	0.897131	0.792638	0.703021	0.449669	2.99	1.55	0.50	18.06	$1.86	1,177.80	0.16%
Oct 25 - Sep 26	27,656,146	0.010182	0.010857	1.141569	1.258479	0.906157	0.801664	0.712047	0.458134	4.55	2.35	0.77	27.52	$11.32	1,187.26	0.96%
Oct 26 - Sep 27	60,149,265	0.022144	0.023611	1.154323	1.271233	0.918911	0.814418	0.724801	0.470096	6.74	3.49	1.14	40.78	$24.58	1,200.52	2.09%
Oct 27 - Sep 28	106,480,888	0.039201	0.041798	1.172510	1.289420	0.937098	0.832605	0.742988	0.487153	9.87	5.11	1.66	59.66	$43.46	1,219.40	3.70%
Oct 28 - Sep 29	109,778,003	0.040415	0.043092	1.173804	1.290714	0.938392	0.833899	0.744282	0.488367	10.09	5.22	1.70	61.00	$44.80	1,220.74	3.81%
Oct 29 - Sep 30	102,061,400	0.037574	0.040063	1.170775	1.287685	0.935363	0.830870	0.741253	0.485526	9.57	4.95	1.61	57.84	$41.64	1,217.58	3.54%
Oct 30 - Sep 31	94,842,896	0.034917	0.037230	1.167942	1.284852	0.932530	0.828037	0.738420	0.482869	9.08	4.70	1.53	54.90	$38.70	1,214.64	3.29%
Oct 31 - Sep 32	88,220,996	0.032479	0.034631	1.165343	1.282253	0.929931	0.825438	0.735821	0.480431	8.63	4.47	1.46	52.22	$36.02	1,211.96	3.06%
Oct 32 - Sep 33	80,466,329	0.029624	0.031587	1.162299	1.279209	0.926887	0.822394	0.732777	0.477576	8.11	4.20	1.37	49.06	$32.86	1,208.80	2.79%
Oct 33 - Sep 34	72,700,757	0.026765	0.028538	1.159250	1.276160	0.923838	0.819345	0.729728	0.474717	7.59	3.93	1.28	45.90	$29.70	1,205.64	2.53%
Oct 34 - Sep 35	64,507,632	0.023749	0.025322	1.156034	1.272944	0.920622	0.816129	0.726512	0.471701	7.03	3.64	1.19	42.54	$26.34	1,202.28	2.24%
Oct 35 - Sep 36	41,781,542	0.015382	0.016401	1.147113	1.264023	0.911701	0.807208	0.717591	0.463334	5.50	2.85	0.93	33.28	$17.08	1,193.02	1.45%
Oct 36 - Sep 37	16,190,414	0.005961	0.006356	1.137068	1.253978	0.901656	0.797163	0.707546	0.453913	3.77	1.95	0.64	22.82	$6.62	1,182.56	0.56%
Oct 37 - Sep 38	925,686	0.000341	0.000364	1.131076	1.247986	0.895664	0.791171	0.701554	0.448293	2.74	1.42	0.46	16.56	$0.36	1,176.30	0.03%
	From Schedule SS-CEF-EE II-2G Col 29	Col 1 / Therm Sales	Col 2 * (1 + SUT Rate) Rnd 6	Current Class Avg Rate + Col 3 for Each Rate Class (Col 4 thru Col 10)						(Cur. GPRC + Col 3) * Dec-Mar Monthly Therms Rnd 2	(Cur. GPRC + Col 3) * Nov & Apr Monthly Therms Rnd 2	(Cur. GPRC + Col 3) * May-Oct Monthly Therms Rnd 2	(4 * Col 10) + (2 * Col 11) + (6 * Col 12)	Col 13 - Current Col 13	Current Col 15 + Col 14	Col 14 / Current Col 15 Rnd 4

% Change from Current Class Average Rate w/SUT

	RSG	GSG	LVG	TSG-F	TSG-NF	CIG
Jan 25 - Sep 25	0.16%	0.15%	0.20%	0.23%	0.26%	0.41%
Oct 25 - Sep 26	0.96%	0.87%	1.21%	1.37%	1.55%	2.42%
Oct 26 - Sep 27	2.09%	1.89%	2.64%	2.99%	3.37%	5.27%
Oct 27 - Sep 28	3.70%	3.35%	4.67%	5.29%	5.96%	9.33%
Oct 28 - Sep 29	3.81%	3.45%	4.81%	5.45%	6.15%	9.62%
Oct 29 - Sep 30	3.54%	3.21%	4.47%	5.07%	5.71%	8.94%
Oct 30 - Sep 31	3.29%	2.98%	4.16%	4.71%	5.31%	8.31%
Oct 31 - Sep 32	3.06%	2.78%	3.87%	4.38%	4.94%	7.73%
Oct 32 - Sep 33	2.79%	2.53%	3.53%	3.99%	4.50%	7.05%
Oct 33 - Sep 34	2.52%	2.29%	3.19%	3.61%	4.07%	6.37%
Oct 34 - Sep 35	2.24%	2.03%	2.83%	3.20%	3.61%	5.65%
Oct 35 - Sep 36	1.45%	1.31%	1.83%	2.07%	2.34%	3.66%
Oct 36 - Sep 37	0.56%	0.51%	0.71%	0.80%	0.91%	1.42%
Oct 37 - Sep 38	0.03%	0.03%	0.04%	0.05%	0.05%	0.08%

[1] All customers assumed to have BGSS Supply

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program
Electric Over/(Under) Calculation

Schedule SS-CEF-EE II-5E

Reflects a tax rate of	28.11%
Existing Rate / kWh (w/o SUT)	0.000000
Proposed Rate / kWh (w/o SUT)	0.000000

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Monthly Calculation	Over / (Under) Recovery Beginning Balance	Electric Revenues	Revenue Requirement	Over / (Under) Recovery	Over / (Under) Recovery Ending Balance	Over / (Under) Average Monthly Balance	Interest Rate (Annualized)	Interest On Over / (Under) Average Monthly Balance	Interest Roll-In	Cumulative Interest
Oct-24	-	-	-	-	-	-	5.48%	-	-	-
Nov-24	-	-	-	-	-	-	5.48%	-	-	-
Dec-24	-	-	-	-	-	-	5.48%	-	-	-
Jan-25	-	-	3,025,463	(3,025,463)	(3,025,463)	(1,512,732)	5.48%	(4,970)	-	(4,970)
Feb-25	(3,025,463)	-	2,896,939	(2,896,939)	(5,922,402)	(4,473,933)	5.48%	(14,699)	-	(19,668)
Mar-25	(5,922,402)	-	(1,207,881)	1,207,881	(4,714,520)	(5,318,461)	5.48%	(17,473)	-	(37,142)
Apr-25	(4,714,520)	-	(2,461,118)	2,461,118	(2,253,402)	(3,483,961)	5.48%	(11,446)	-	(48,588)
May-25	(2,253,402)	-	(1,718,732)	1,718,732	(534,670)	(1,394,036)	5.48%	(4,580)	-	(53,168)
Jun-25	(534,670)	-	(971,023)	971,023	436,353	(49,159)	5.48%	(162)	-	(53,329)
Jul-25	436,353	-	(604,672)	604,672	1,041,025	738,689	5.48%	2,427	-	(50,902)
Aug-25	1,041,025	-	310,964	(310,964)	730,061	885,543	5.48%	2,909	-	(47,993)
Sep-25	730,061	-	2,090,355	(2,090,355)	(1,360,293)	(315,116)	5.48%	(1,035)	-	(49,028)
	(Prior Col 5) + (Col 9)		See Revenue Requirements Schedule for Details	Col 2 - Col 3	Col 1 + Col 4	(Col 1 + Col 5) / 2		(Col 6 * (Col 7) / 12)*net of tax rate		Prior Month + Col 8 - Col 9

Attachment 3

PSE&G Clean Energy Future Energy Efficiency II Program
Gas Over/(Under) Calculation

Schedule SS-CEF II-5G

Reflects a tax rate of	28.11%
Existing Rate / Therms (w/o SUT)	0.000000
Proposed Rate /Therms (w/o SUT)	0.001717

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Monthly Calculations	Over / (Under) Recovery Beginning Balance	Gas Revenues	Revenue Requirement	Over / (Under) Recovery	Over / (Under) Recovery Ending Balance	Over / (Under) Average Monthly Balance	Interest Rate (Annualized)	Interest On Over / (Under) Average Monthly Balance	Interest Roll-In	Cumulative Interest
Oct-24	-	-	-	-	-	-	5.48%	-	-	-
Nov-24	-	-	-	-	-	-	5.48%	-	-	-
Dec-24	-	-	-	-	-	-	5.48%	-	-	-
Jan-25	-	832,835	1,218,251	(385,416)	(385,416)	(192,708)	5.48%	(633)	-	(633)
Feb-25	(385,416)	732,873	1,005,456	(272,583)	(658,000)	(521,708)	5.48%	(1,714)	-	(2,347)
Mar-25	(658,000)	629,336	952,487	(323,152)	(981,151)	(819,575)	5.48%	(2,693)	-	(5,040)
Apr-25	(981,151)	363,707	(106,105)	469,812	(511,340)	(746,246)	5.48%	(2,452)	-	(7,491)
May-25	(511,340)	221,778	136,357	85,421	(425,918)	(468,629)	5.48%	(1,540)	-	(9,031)
Jun-25	(425,918)	142,275	379,263	(236,988)	(662,906)	(544,412)	5.48%	(1,789)	-	(10,820)
Jul-25	(662,906)	120,725	(484,662)	605,387	(57,519)	(360,213)	5.48%	(1,183)	-	(12,003)
Aug-25	(57,519)	118,956	(34,148)	153,104	95,585	19,033	5.48%	63	-	(11,941)
Sep-25	95,585	122,353	218,227	(95,873)	(289)	47,648	5.48%	157	-	(11,784)
	(Prior Col 5) + (Col 9)		See Revenue Requirements Schedule for Details	Col 2 - Col 3	Col 1 + Col 4	(Col 1 + Col 5) / 2	PSE&G CP/STD Wght Avg Rate from Previous Month	(Col 6 * (Col 7) / 12)*net of tax rate		Prior Month + Col 8 - Col 9

PUBLIC SERVICE ELECTRIC AND GAS COMPANY **XXX Revised Sheet No. 65**
Superseding
B.P.U.N.J. No. 17 ELECTRIC **Original Sheet No. 65**

GREEN PROGRAMS RECOVERY CHARGE

	Charge (per kilowatthour)
Component:	
Carbon Abatement Program	($0.000007)
Energy Efficiency Economic Stimulus Program	(0.000007)
Solar Generation Investment Program	0.000336
Solar Loan II Program	0.000147
Energy Efficiency Economic Extension Program	0.000015
Solar Generation Investment Extension Program	0.000043
Solar Loan III Program	0.000031
Energy Efficiency Economic Extension Program II	0.000111
Solar Generation Investment Extension II Program	(0.000124)
Energy Efficiency 2017 Program	0.000256
Transition Renewable Energy Certificate Program	0.003085
Clean Energy Future - Energy Efficiency Program	0.002113
Successor Solar Incentive Program	(0.000270)
Community Solar Energy Program	0.000460
Clean Energy Future - Energy Efficiency II Program	0.000000
Sub-total per kilowatthour	$0.006189
Charge including New Jersey Sales and Use Tax (SUT)	$0.006599

GREEN PROGRAMS RECOVERY CHARGE

This charge is designed to recover the revenue requirements associated with the PSE&G Green Programs. The charge will be reset nominally on an annual basis. Interest at the weighted average of the interest rates on PSE&G's commercial paper and bank credit lines utilized in the prior month will be accrued monthly on any under- or over- recovered balances. The interest rates shall be reset each month.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY **XXX Revised Sheet No. 65**
Superseding
B.P.U.N.J. No. 17 ELECTRIC **Original Sheet No. 65**

GREEN PROGRAMS RECOVERY CHARGE

Component:	Charge (per kilowatthour)
Carbon Abatement Program	($0.000007)
Energy Efficiency Economic Stimulus Program	(0.000007)
Solar Generation Investment Program	0.000336
Solar Loan II Program	0.000147
Energy Efficiency Economic Extension Program	0.000015
Solar Generation Investment Extension Program	0.000043
Solar Loan III Program	0.000031
Energy Efficiency Economic Extension Program II	0.000111
Solar Generation Investment Extension II Program	(0.000124)
Energy Efficiency 2017 Program	0.000256
Transition Renewable Energy Certificate Program	0.003085
Clean Energy Future - Energy Efficiency Program	0.002113
Successor Solar Incentive Program	(0.000270)
Community Solar Energy Program	0.000460
Clean Energy Future - Energy Efficiency II Program	0.000000
Sub-total per kilowatthour	$0.006189
Charge including New Jersey Sales and Use Tax (SUT)	$0.006599

GREEN PROGRAMS RECOVERY CHARGE

This charge is designed to recover the revenue requirements associated with the PSE&G Green Programs. The charge will be reset nominally on an annual basis. Interest at the weighted average of the interest rates on PSE&G's commercial paper and bank credit lines utilized in the prior month will be accrued monthly on any under- or over- recovered balances. The interest rates shall be reset each month.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY **XXX Revised Sheet No. 44**
Superseding
B.P.U.N.J. No. 17 GAS **Original Sheet No. 44**

GREEN PROGRAMS RECOVERY CHARGE

CHARGE APPLICABLE TO
RATE SCHEDULES RSG, GSG, LVG, SLG,
TSG-F, TSG-NF, CIG, CSG
(Per Therm)

Component:

Carbon Abatement Program	($0.000519)
Energy Efficiency Economic Stimulus Program	0.000030
Energy Efficiency Economic Extension Program	0.000364
Energy Efficiency Economic Extension Program II	0.000701
Energy Efficiency 2017 Program	0.001561
Clean Energy Future – Energy Efficiency Program	0.012465
Clean Energy Future – Energy Efficiency II Program	0.001717
Green Programs Recovery Charge	$0.016319~~0.014602~~

Green Programs Recovery Charge including New Jersey Sales and Use Tax (SUT) $0.017400~~0.015569~~

Green Programs Recovery Charge

This charge is designed to recover the revenue requirements associated with the PSE&G Green Programs. The charge will be reset nominally on an annual basis. Interest at the weighted average of the interest rates on PSE&G's commercial paper and bank credit lines utilized in the prior month will be accrued monthly on any under- or over- recovered balances. The interest rate shall be reset each month.

See Section 16 of the Standard Terms and Conditions for exemptions from this charge.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY — **XXX Revised Sheet No. 44 Superseding Original Sheet No. 44**

B.P.U.N.J. No. 17 GAS

GREEN PROGRAMS RECOVERY CHARGE

CHARGE APPLICABLE TO
RATE SCHEDULES RSG, GSG, LVG, SLG,
TSG-F, TSG-NF, CIG, CSG
(Per Therm)

Component:

Carbon Abatement Program	($0.000519)
Energy Efficiency Economic Stimulus Program	0.000030
Energy Efficiency Economic Extension Program	0.000364
Energy Efficiency Economic Extension Program II	0.000701
Energy Efficiency 2017 Program	0.001561
Clean Energy Future – Energy Efficiency Program	0.012465
Clean Energy Future – Energy Efficiency II Program	0.001717
Green Programs Recovery Charge	$0.016319
Green Programs Recovery Charge including New Jersey Sales and Use Tax (SUT)	$0.017400

Green Programs Recovery Charge

This charge is designed to recover the revenue requirements associated with the PSE&G Green Programs. The charge will be reset nominally on an annual basis. Interest at the weighted average of the interest rates on PSE&G's commercial paper and bank credit lines utilized in the prior month will be accrued monthly on any under- or over- recovered balances. The interest rate shall be reset each month.

See Section 16 of the Standard Terms and Conditions for exemptions from this charge.

TYPICAL RESIDENTIAL ELECTRIC BILL IMPACTS

The effect of the proposed changes in the Green Programs Recovery Charge (GPRC) on typical residential Electric bills, if approved by the Board, is illustrated below:

Residential Electric Service - Average Monthly Bill					
If Your Average Monthly kWh Use Is:	And Your Jun. to Sep. Avg. Monthly kWh Use Is:	Then Your Present Monthly Bill (1) Would Be:	And Your Proposed Monthly Bill (2) Would Be:	Your Monthly Bill Change Would Be:	And Your Percent Change Would Be:
140	171	$37.98	$37.98	$0.00	0.00 %
279	342	70.00	70.00	0.00	0.00
558	683	134.28	134.28	0.00	0.00
650	803	155.88	155.88	0.00	0.00
977	1,279	233.80	233.80	0.00	0.00

(1) Based upon current Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) and Delivery Rates in effect October 15, 2024, and assumes that the customer receives BGS-RSCP service from Public

(2) Same as (1) except includes decrease in the GPRC.

Residential Electric Service - Monthly Summer Bill				
If Your Monthly Summer kWh Use Is:	Then Your Present Monthly Summer Bill (3) Would Be:	And Your Proposed Monthly Summer Bill (4) Would Be:	Your Monthly Summer Bill Change Would Be:	And Your Percent Change Would Be:
171	$48.31	$48.31	$0.00	0.00 %
342	90.67	90.67	0.00	0.00
683	176.22	176.22	0.00	0.00
803	207.55	207.55	0.00	0.00
1,279	331.95	331.95	0.00	0.00

(3) Based upon current Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) and Delivery Rates in effect October 15, 2024, and assumes that the customer receives BGS-RSCP service from Public Service.

(4) Same as (3) except includes decrease in the GPRC.

TYPICAL RESIDENTIAL GAS BILL IMPACTS

The effect of the proposed changes in the Green Programs Recovery Charge (GPRC) on typical residential gas bills, if approved by the Board, is illustrated

Residential Gas Service - Average Monthly Bill					
If Your Average Monthly Therm Use Is:	And Your Avg. Dec. to Mar. Monthly Therm Use Is:	Then Your Present Monthly Bill (1) Would Be:	And Your Proposed Monthly Bill (2) Would Be:	Your Monthly Bill Change Would Be:	And Your Percent Change Would Be:
16	25	$26.13	$26.15	$0.02	0.08 %
33	50	42.25	42.31	0.06	0.14
51	100	61.86	61.95	0.09	0.15
87	172	98.70	98.86	0.16	0.16
100	198	112.39	112.57	0.18	0.16
152	300	165.19	165.47	0.28	0.17

(1) Based upon Delivery Rates and Basic Gas Supply Service (BGSS-RSG) charges in effect October 15, 2024, and assumes that the customer receives commodity service from Public Service.

(2) Same as (1) except includes increase in the GPRC.

Residential Gas Service - Monthly Winter Bill				
If Your Monthly Winter Therm Use Is:	Then Your Present Monthly Winter Bill (3) Would Be:	And Your Proposed Monthly Winter Bill (4) Would Be:	Your Monthly Winter Bill Change Would Be:	And Your Percent Change Would Be:
25	$35.22	$35.27	$0.05	0.14 %
50	60.43	60.52	0.09	0.15
100	113.62	113.80	0.18	0.16
172	188.25	188.56	0.31	0.16
198	215.21	215.58	0.37	0.17
300	320.81	321.36	0.55	0.17

(3) Based upon Delivery Rates and Basic Gas Supply Service (BGSS-RSG) charges in effect
October 15, 2024, and assumes that the customer receives commodity service from

(4) Same as (3) except includes increase in the GPRC.

Program Summary Worksheet (Table 1)

Rows

Sector	Program Name	Program Year
Residential	Behavioral	T1 Total
Residential	Behavioral	T2 Total
Residential	Behavioral	T3 Total
Residential	Income Qualified	T1 Total
Residential	Income Qualified	T2 Total
Residential	Income Qualified	T3 Total
Residential	Energy Efficient Proc	T1 Total
Residential	Energy Efficient Proc	T2 Total
Residential	Energy Efficient Proc	T3 Total
Residential	Whole Home	T1 Total
Residential	Whole Home	T2 Total
Residential	Whole Home	T3 Total
Multifamily	Multifamily	T1 Total
Multifamily	Multifamily	T2 Total
Multifamily	Multifamily	T3 Total
Commercial and Industrial	Energy Solutions	T1 Total
Commercial and Industrial	Energy Solutions	T2 Total
Commercial and Industrial	Energy Solutions	T3 Total
Commercial and Industrial	Direct Install	T1 Total
Commercial and Industrial	Direct Install	T2 Total
Commercial and Industrial	Direct Install	T3 Total
Commercial and Industrial	Prescriptive and Cus	T1 Total
Commercial and Industrial	Prescriptive and Cus	T2 Total
Commercial and Industrial	Prescriptive and Cus	T3 Total
Utility Led	Building Decarboniz	T1 Total
Utility Led	Building Decarboniz	T2 Total
Utility Led	Building Decarboniz	T3 Total
Utility Led	Demand Response	T1 Total
Utility Led	Demand Response	T2 Total
Utility Led	Demand Response	T3 Total
Utility Led	Next Generation Sav	T1 Total
Utility Led	Next Generation Sav	T2 Total
Utility Led	Next Generation Sav	T3 Total
Other	Other Portfolio	T1 Total
Other	Other Portfolio	T2 Total
Other	Other Portfolio	T3 Total
Total	Total	T1 Total
Total	Total	T2 Total
Total	Total	T3 Total

Columns

NJCT 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)

Program Summary Worksheet (Table 2)

Rows

Sector	Program Name	Program Year
Residential	Behavioral	PY1
Residential	Behavioral	PY2
Residential	Behavioral	PY3
Residential	Behavioral	PY4
Residential	Behavioral	PY5
Residential	Behavioral	PY6
Residential	Behavioral	PY7
Residential	Behavioral	PY8
Residential	Behavioral	PY9
Residential	Income Qualified	PY1
Residential	Income Qualified	PY2
Residential	Income Qualified	PY3
Residential	Income Qualified	PY4
Residential	Income Qualified	PY5
Residential	Income Qualified	PY6
Residential	Income Qualified	PY7
Residential	Income Qualified	PY8
Residential	Income Qualified	PY9
Residential	Energy Efficient Prod	PY1
Residential	Energy Efficient Prod	PY2
Residential	Energy Efficient Prod	PY3
Residential	Energy Efficient Prod	PY4
Residential	Energy Efficient Prod	PY5
Residential	Energy Efficient Prod	PY6
Residential	Energy Efficient Prod	PY7
Residential	Energy Efficient Prod	PY8
Residential	Energy Efficient Prod	PY9
Residential	Whole Home	PY1
Residential	Whole Home	PY2
Residential	Whole Home	PY3
Residential	Whole Home	PY4
Residential	Whole Home	PY5
Residential	Whole Home	PY6
Residential	Whole Home	PY7
Residential	Whole Home	PY8
Residential	Whole Home	PY9
Multifamily	Multifamily	PY1
Multifamily	Multifamily	PY2
Multifamily	Multifamily	PY3
Multifamily	Multifamily	PY4
Multifamily	Multifamily	PY5
Multifamily	Multifamily	PY6
Multifamily	Multifamily	PY7
Multifamily	Multifamily	PY8
Multifamily	Multifamily	PY9
Commercial and Industrial	Energy Solutions	PY1
Commercial and Industrial	Energy Solutions	PY2
Commercial and Industrial	Energy Solutions	PY3
Commercial and Industrial	Energy Solutions	PY4
Commercial and Industrial	Energy Solutions	PY5
Commercial and Industrial	Energy Solutions	PY6
Commercial and Industrial	Energy Solutions	PY7
Commercial and Industrial	Energy Solutions	PY8
Commercial and Industrial	Energy Solutions	PY9
Commercial and Industrial	Direct Install	PY1
Commercial and Industrial	Direct Install	PY2
Commercial and Industrial	Direct Install	PY3
Commercial and Industrial	Direct Install	PY4
Commercial and Industrial	Direct Install	PY5
Commercial and Industrial	Direct Install	PY6
Commercial and Industrial	Direct Install	PY7
Commercial and Industrial	Direct Install	PY8
Commercial and Industrial	Direct Install	PY9
Commercial and Industrial	Prescriptive and Cust	PY1
Commercial and Industrial	Prescriptive and Cust	PY2
Commercial and Industrial	Prescriptive and Cust	PY3
Commercial and Industrial	Prescriptive and Cust	PY4
Commercial and Industrial	Prescriptive and Cust	PY5
Commercial and Industrial	Prescriptive and Cust	PY6
Commercial and Industrial	Prescriptive and Cust	PY7
Commercial and Industrial	Prescriptive and Cust	PY8
Commercial and Industrial	Prescriptive and Cust	PY9
Utility Led	Building Decarboniza	PY1
Utility Led	Building Decarboniza	PY2
Utility Led	Building Decarboniza	PY3
Utility Led	Building Decarboniza	PY4
Utility Led	Building Decarboniza	PY5
Utility Led	Building Decarboniza	PY6
Utility Led	Building Decarboniza	PY7
Utility Led	Building Decarboniza	PY8
Utility Led	Building Decarboniza	PY9
Utility Led	Demand Response	PY1
Utility Led	Demand Response	PY2
Utility Led	Demand Response	PY3
Utility Led	Demand Response	PY4
Utility Led	Demand Response	PY5
Utility Led	Demand Response	PY6
Utility Led	Demand Response	PY7
Utility Led	Demand Response	PY8
Utility Led	Demand Response	PY9
Utility Led	Next Generation Sav	PY1
Utility Led	Next Generation Sav	PY2
Utility Led	Next Generation Sav	PY3
Utility Led	Next Generation Sav	PY4
Utility Led	Next Generation Sav	PY5
Utility Led	Next Generation Sav	PY6
Utility Led	Next Generation Sav	PY7
Utility Led	Next Generation Sav	PY8
Utility Led	Next Generation Sav	PY9
Other	Other Portfolio	PY1
Other	Other Portfolio	PY2
Other	Other Portfolio	PY3
Other	Other Portfolio	PY4
Other	Other Portfolio	PY5
Other	Other Portfolio	PY6
Other	Other Portfolio	PY7
Other	Other Portfolio	PY8
Other	Other Portfolio	PY9
TOTAL	TOTAL Portfolio	PY1
TOTAL	TOTAL Portfolio	PY2
TOTAL	TOTAL Portfolio	PY3
TOTAL	TOTAL Portfolio	PY4
TOTAL	TOTAL Portfolio	PY5
TOTAL	TOTAL Portfolio	PY6
TOTAL	TOTAL Portfolio	PY7
TOTAL	TOTAL Portfolio	PY8
TOTAL	TOTAL Portfolio	PY9

Columns

Customers and Participation

Eligible Customers
Forecasted Participation
Achieved Participation

Expected Annual Savings

Gross Annual Forecasted On-Peak Energy Savings (kWh)
Net Annual Forecasted On-Peak Energy Savings (kWh)
Gross Annual Forecasted Off-Peak Energy Savings (kWh)
Net Annual Forecasted Off-Peak Energy Savings (kWh)
Gross Annual Forecasted Capacity Savings (kW)
Net Annual Forecasted Capacity Savings (kW)
Gross Annual Forecasted Energy Savings (therms)
Net Annual Forecasted Energy Savings (therms)
Gross Annual Forecasted Capacity Savings (peak-day therm)
Net Annual Forecasted Energy Savings (peak-day therms)
Gross Annual Forecasted On-Peak Energy Savings (MMBtu)
Net Annual Forecasted On-Peak Energy Savings (MMBtu)
Gross Annual Forecasted Off-Peak Energy Savings (MMBtu)
Net Annual Forecasted Off-Peak Energy Savings (MMBtu)
Gross Annual Forecasted Gas Savings (MMBtu)
Net Annual Forecasted Gas Savings (MMBtu)

Annual Savings (Achieved)

Gross Annual Achieved On-Peak Energy Savings (kWh)
Net Annual Achieved On-Peak Energy Savings (kWh)
Gross Annual Achieved Off-Peak Energy Savings (kWh)
Net Annual Achieved Off-Peak Energy Savings (kWh)
Gross Annual Achieved Capacity Savings (kW)
Net Annual Achieved Capacity Savings (kW)
Gross Annual Achieved Energy Savings (therms)
Net Annual Achieved Energy Savings (therms)
Gross Annual Achieved Capacity Savings (peak-day therm)
Net Annual Achieved Energy Savings (peak-day therms)
Gross Annual Achieved On-Peak Energy Savings (MMBtu)
Net Annual Achieved On-Peak Energy Savings (MMBtu)
Gross Annual Achieved Off-Peak Energy Savings (MMBtu)
Net Annual Achieved Off-Peak Energy Savings (MMBtu)
Gross Annual Achieved Gas Savings (MMBtu)
Net Annual Achieved Gas Savings (MMBtu)

Budget (Forecasted)

Capital Costs ($)
Utility Administration Costs ($)
Marketing and Outreach Costs ($)
Outside Services Costs ($)
Incentives - Rebates ($)
Incentives - Loans ($)
Inspections and QC Costs ($)
Evaluation Costs ($)
Health & Safety Costs ($)
Workforce Development Costs ($)
Outreach to Community- Based Organizations Costs ($)
Other Portfolio ($)
Total Costs ($)

Costs (Achieved)

Capital Costs ($)
Utility Administration Costs ($)
Marketing and Outreach Costs ($)
Outside Services Costs ($)
Incentives - Rebates ($)
Incentives - Loans ($)
Inspections and QC Costs ($)
Evaluation Costs ($)
Health & Safety Costs ($)
Workforce Development Costs ($)
Outreach to Community- Based Organizations Costs ($)
Other Portfolio ($)
Total Costs ($)

Cost To Achieve (Forecasted)

$/Lifetime kWh
$/Lifetime therms
$/Lifetime kW
$/Lifetime MMBtu

Cost To Achieve (Achieved)

$/Lifetime kWh
$/Lifetime therms
$/Lifetime kW
$/Lifetime MMBtu

New Jersey Cost Test Results (Forecasted)

Lifetime Avoided Wholesale Electric Energy and Ancillary Costs ($)
Lifetime Avoided Wholesale Electric Capacity Costs ($)
Lifetime Avoided Wholesale Natural Gas Costs ($)
Lifetime DRIPE Benefits (E&G) ($)
Lifetime Avoided Electric Transmission Costs ($)
Lifetime Avoided Distribution Costs ($)
Lifetime Avoided Emissions Damages ($)
Non-Energy Benefit Adder ($)
Low-Income Adder ($)
Total Benefits ($)
Lifetime Incremental Costs ($)
Lifetime Administration Costs ($)
Total Costs ($)
Benefit Cost Ratio ($)

Measure Summary Worksheet

Rows

Sector	Program	Subprogram	Measure	Program Year
Residential				PY1
Residential				PY2
Residential				PY3
Residential				PY4
Residential				PY5
Residential				PY6
Residential				PY7
Residential				PY8
Residential				PY9
Residential				PY1
Residential				PY2
Residential				PY3
Residential				PY4
Residential				PY5
Residential				PY6
Residential				PY7
Residential				PY8
Residential				PY9
Multifamily				PY1
Multifamily				PY2
Multifamily				PY3
Multifamily				PY4
Multifamily				PY5
Multifamily				PY6
Multifamily				PY7
Multifamily				PY8
Multifamily				PY9
Commercial and Industrial				PY1
Commercial and Industrial				PY2
Commercial and Industrial				PY3
Commercial and Industrial				PY4
Commercial and Industrial				PY5
Commercial and Industrial				PY6
Commercial and Industrial				PY7
Commercial and Industrial				PY8
Commercial and Industrial				PY9
Commercial and Industrial				PY1
Commercial and Industrial				PY2
Commercial and Industrial				PY3
Commercial and Industrial				PY4
Commercial and Industrial				PY5
Commercial and Industrial				PY6
Commercial and Industrial				PY7
Commercial and Industrial				PY8
Commercial and Industrial				PY9
Utility Led				PY1
Utility Led				PY2
Utility Led				PY3
Utility Led				PY4
Utility Led				PY5
Utility Led				PY6
Utility Led				PY7
Utility Led				PY8
Utility Led				PY9
Utility Led				PY1
Utility Led				PY2
Utility Led				PY3
Utility Led				PY4
Utility Led				PY5
Utility Led				PY6
Utility Led				PY7
Utility Led				PY8
Utility Led				PY9
Other				PY1
Other				PY2
Other				PY3
Other				PY4
Other				PY5
Other				PY6
Other				PY7
Other				PY8
Other				PY9

Columns

Customers and Participation
Eligible Customers
Forecasted Participation
Achieved Participation

Expected Annual Savings
Gross Annual Forecasted On-Peak Energy Savings (kWh)
Net Annual Forecasted On-Peak Energy Savings (kWh)
Gross Annual Forecasted Off-Peak Energy Savings (kWh)
Net Annual Forecasted Off-Peak Energy Savings (kWh)
Gross Annual Forecasted Capacity Savings (kW)
Net Annual Forecasted Capacity Savings (kW)
Gross Annual Forecasted Energy Savings (therms)
Net Annual Forecasted Energy Savings (therms)
Gross Annual Forecasted Capacity Savings (peak-day therm)
Net Annual Forecasted Energy Savings (peak-day therms)
Gross Annual Forecasted On-Peak Energy Savings (MMBtu)
Net Annual Forecasted On-Peak Energy Savings (MMBtu)
Gross Annual Forecasted Off-Peak Energy Savings (MMBtu)
Net Annual Forecasted Off-Peak Energy Savings (MMBtu)
Gross Annual Forecasted Gas Savings (MMBtu)
Net Annual Forecasted Gas Savings (MMBtu)

Annual Savings (Achieved)
Gross Annual Achieved On-Peak Energy Savings (kWh)
Net Annual Achieved On-Peak Energy Savings (kWh)
Gross Annual Achieved Off-Peak Energy Savings (kWh)
Net Annual Achieved Off-Peak Energy Savings (kWh)
Gross Annual Achieved Capacity Savings (kW)
Net Annual Achieved Capacity Savings (kW)
Gross Annual Achieved Energy Savings (therms)
Net Annual Achieved Energy Savings (therms)
Gross Annual Achieved Capacity Savings (peak-day therm)
Net Annual Achieved Energy Savings (peak-day therms)
Gross Annual Achieved On-Peak Energy Savings (MMBtu)
Net Annual Achieved On-Peak Energy Savings (MMBtu)
Gross Annual Achieved Off-Peak Energy Savings (MMBtu)
Net Annual Achieved Off-Peak Energy Savings (MMBtu)
Gross Annual Achieved Gas Savings (MMBtu)
Net Annual Achieved Gas Savings (MMBtu)

Budget (Forecasted)
Capital Costs ($)
Utility Administration Costs ($)
Marketing and Outreach Costs ($)
Outside Services Costs ($)
Incentives - Rebates ($)
Incentives - Loans ($)
Inspections and QC Costs ($)
Evaluation Costs ($)
Health & Safety Costs ($)
Workforce Development Costs ($)
Outreach to Community- Based Organizations Costs ($)
Other Portfolio ($)
Total Costs ($)

Costs (Achieved)
Capital Costs ($)
Utility Administration Costs ($)
Marketing and Outreach Costs ($)
Outside Services Costs ($)
Incentives - Rebates ($)
Incentives - Loans ($)
Inspections and QC Costs ($)
Evaluation Costs ($)
Health & Safety Costs ($)
Workforce Development Costs ($)
Outreach to Community- Based Organizations Costs ($)
Other Portfolio ($)
Total Costs ($)

Cost To Achieve (Forecasted)
$/Lifetime kWh
$/Lifetime therms
$/Lifetime kW
$/Lifetime MMBtu

Cost To Achieve (Achieved)
$/Lifetime kWh
$/Lifetime therms
$/Lifetime kW
$/Lifetime MMBtu

New Jersey Cost Test Results (Forecasted)
Lifetime Avoided Wholesale Electric Energy and Ancillary Costs ($)
Lifetime Avoided Wholesale Electric Capacity Costs ($)
Lifetime Avoided Wholesale Natural Gas Costs ($)
Lifetime DRIPE Benefits (E&G) ($)
Lifetime Avoided Electric Transmission Costs ($)
Lifetime Avoided Distribution Costs ($)
Lifetime Avoided Emissions Damages ($)
Non-Energy Benefit Adder ($)
Low-Income Adder ($)
Total Benefits ($)
Lifetime Incremental Costs ($)
Lifetime Administration Costs ($)
Total Costs ($)
Benefit Cost Ratio ($)

Appendix A Worksheet

Appendix A: Program Participants* & Energy Savings by Program Year

Program T2 (Achieved)	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 T2 Net Annual Energy Savings (kwh)
Portfolio Total											

Program T3 (Forecasted)	PY7 Participants	PY7 Net Annual Energy Savings (kwh)	PY7 Net Annual Energy Savings (therms)	PY8 Participants	PY8 Net Annual Energy Savings (kwh)	PY8 Net Annual Energy Savings (therms)	PY9 Participants	PY9 Net Annual Energy Savings (kwh)	PY9 Net Annual Energy Savings (therms)	Total Participants	Total T3 Net Annual Energy Savings (kwh)
Portfolio Total											

	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Program	**PY4 Energy Savings Target (kwh)**	**PY4 Energy Savings Target (therms)**	**PY5 Energy Savings Target (kwh)**	**PY5 Energy Savings Target (therms)**	**PY6 Energy Savings Target (kwh)**	**PY6 Energy Savings Target (therms)**	**PY7 Energy Savings Target (kwh)**	**PY7 Energy Savings Target (therms)**	**PY8 Energy Savings Target (kwh)**	**PY8 Energy Savings Target (therms)**	**PY9 Energy Savings Target (kwh)**	**PY9 Energy Savings Target (therms)**
Portfolio Total												

***Please provide references/ sources for participants and portion of program quantities in Low Income, Medium Income, Small Business etc.**

Appendix B Worksheet

Appendix B: Program Budgets and Costs by Program Year

T2 Program (Achieved)					NEW	NEW						
TOTAL Program Years 4-6	Capital Cost	Utility Administration	Marketing and Outreach	Outside Services	Incentives - Rebates	Incentives - Loans	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Portfolio Total												

					NEW	NEW						
Program Year 4	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives - Rebates	Incentives - Loans	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Portfolio Total												

					NEW	NEW						
Program Year 5	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives - Rebates	Incentives - Loans	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Portfolio Total												

					NEW	NEW						
Program Year 6	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives - Rebates	Incentives - Loans	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Portfolio Total												

T3 Program (Forecasted)												
TOTAL Program Years 7-9	Capital Cost	Utility Administration	Marketing and Outreach	Outside Services	Incentives -Rebates	Incentives - Loans	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Portfolio Total												

					NEW	NEW						
Program Year 7	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives -Rebates	Incentives - Loans	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Portfolio Total												

					NEW	NEW						
Program Year 8	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives -Rebates	Incentives - Loans	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Portfolio Total												

					NEW	NEW						
Program Year 9	Capital Cost	Utility Admin-istration	Marketing and Outreach	Outside Services	Incentives -Rebates	Incentives - Loans	Inspections and QC	Evaluation	Health & Safety	Workforce Development	Outreach to Community-Based Organizations	Total Budget
Portfolio Total												

Appendix C Worksheet (T2 Program Table)

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												
NJNG												
PSE&G												
RECO												
SJG												
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												
NJNG												
PSE&G												
RECO												
SJG												
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												
NJNG												
PSE&G												
RECO												
SJG												
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												
NJNG												
PSE&G												
RECO												
SJG												

Therms to kwh- conversion details to be provided by the utilities in their net budget transfer reporting, if applicable.

Appendix C Worksheet (T3 Program Table)

T3 Program		
Program Year	Total Budget Summary	Lead Program Budget
Program Year 7		
Program Year 8		
Program Year 9		
Portfolio Total		

NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Program Years 7 - 9	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												
NJNG												
PSE&G												
RECO												
SJG												

NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Program Year 7	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												
NJNG												
PSE&G												
RECO												
SJG												

NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Program Year 8	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												
NJNG												
PSE&G												
RECO												
SJG												

NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Program Year 9	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												
NJNG												
PSE&G												
RECO												
SJG												

Appendix D Worksheet

Appendix D: Forecasted Average Cost to Achieve Each Unit of Energy Savings in Each Sector

	Energy Efficiency Programs*		Demand Response Program	Building Decarbonization Program
Sector	Total $/ Lifetime kWh	Total $/ Lifetime Therms	Total $/ Lifetime therm	Total $/ Lifetime MMBtu
Residential				
C&I				
Multifamily				
Building Decarbonization				
Demand Response				

NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Sector	Program	Total Budget $	Lifetime kWh	Lifetime Therms	Total $/ Lifetime kWh	Total $/ Lifetime Therms	Total $/ Lifetime MMBtu
Portfolio Total							

NEW	NEW	NEW	NEW	NEW
	Energy Efficiency Programs*		Demand Response Program	Building Decarbonization Program
Sector	Total $/ T2 kWh	Total $/ T2 Therms	Total $/ T2 therm	Total $/ T2 MMBtu
Residential				
C&I				
Multifamily				
Building Decarbonization				
Demand Response				

NEW	NEW	NEW	NEW	NEW
	Energy Efficiency Programs*		Demand Response Program	Building Decarbonization Program
Sector	Total $/ T3 kWh	Total $/ T3 Therms	Total $/ T3 therm	Total $/ T3 MMBtu
Residential				
C&I				
Multifamily				
Building Decarbonization				
Demand Response				

NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Sector	Program	Total Budget $	T2 kWh	T2 Therms	Total $/ T2 kWh	Total $/ T2 Therms	Total $/ T2 MMBtu
T2 Portfolio Total							

NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
Sector	Program	Total Budget $	T3 kWh	T3 Therms	Total $/ T3 kWh	Total $/ T3 Therms	Total $/ T3 MMBtu
T3 Portfolio Total							

Appendix E Worksheet (Cost Test Tables)

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

Columns

CBO Outreach
Workforce Development
Direct Install
Energy Solutions for Business
Prescriptive/Custom
Multi-family
Next Generation Savings
Building Decarbonization Programs
Demand Response Programs
Whole House
Income Qualified
EE Products
Res - Behavioral
Total Portfolio
LMI
MF
C&I
Res

Appendix E Worksheet (Summary Cost Test Table)

Sector/Program	New Jersey Cost Test (NJCT)	Societal Cost Test (SCT)	Total Resource Cost Test (TRC)	Participant Cost Test (PCT)	Program Administrator Cost Test (PAC)	Ratepayer Impact Measure Test (RIM)
Res						
C&I						
MF						
LMI						
Total Portfolio						
Res - Behavioral						
EE Products						
Income Qualified						
Whole House						
Demand Response Programs						
Building Decarbonization Programs						
Next Generation Savings						
Multi-family						
Prescriptive/Custom						
Energy Solutions for Business						
Direct Install						
Workforce Development						
CBO Outreach						

Notes

1. ROE is applied for NJCT
2. This calculated ROE is assumed that shareholders' equity won't change over time.
3. In case equity changes yearly, how can we calculate lifetime equity for shareholders.
4. If ROE for each sector/program is needed, breakdown equity for each sector/program should be provided.

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)

Appendix G: Additional Utility-Led Initiatives

Building Decarbonization Metrics

	Site and source energy savings by fuel (MMBtu)								Site and source lifetime energy savings by fuel (MMBtu)								Site and source annual emissions by fuel (CO_2e MT)								Site and source lifetime emissions by fuel (CO_2e MT)							
	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	Site	Source	Site	Source	Site	Source	Site	Source	Site	Source	Site	Source	Site	Source	Site	Source
Program Year 4																																
Program Year 5																																
Program Year 6																																
Program Year 7																																
Program Year 8																																
Program Year 9																																
Savings Beyond PY9																																
Total																																

Building Decarbonization Metrics

	Site and source energy savings by fuel (MMBtu)								Site and source lifetime energy savings by fuel (MMBtu)								Site and source annual emissions by fuel (CO_2e MT)								Site and source lifetime emissions by fuel (CO_2e MT)							
	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	Site	Source	Site	Source	Site	Source	Site	Source	Site	Source	Site	Source	Site	Source	Site	Source
Program Year 4																																
Program Year 5																																
Program Year 6																																
Program Year 7																																
Program Year 8																																
Program Year 9																																
Savings Beyond PY9																																
Total																																

Net annual peak demand savings by fuel (electricity and natural gas only) (peak MW or peak-day therm)				CO_2 emissions impacts by fuel (CO_2e MT)				Net CO_2 emissions impacts across fuels (CO_2e MT)	Levelized cost per metric ton of CO_2e (costs levelized over the EUL or AUL, as appropriate, of the measure or project divided by lifetime net CO_2e 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	
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**		

Net annual peak demand savings by fuel (electricity and natural gas only) (peak MW or peak-day therm)				CO_2 emissions impacts by fuel (CO_2e MT)				Net CO_2 emissions impacts across fuels (CO_2e MT)	Levelized cost per metric ton of CO_2e (costs levelized over the EUL or AUL, as appropriate, of the measure or project divided by lifetime net CO_2e 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	
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**		

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.

Appendix H: Measure Incentive Ranges

NEW Program	NEW Subprogram	Measure	Unit Basis	NEW Expected Number of Units	NEW Per Unit Savings (kWh)	NEW Per Unit Savings (therms)	NEW Per Unit Savings (Peak kW)	NEW Per Unit Savings (Peak-day therm)	NEW Per Unit Total Costs ($)	Rebate Up To Value ($) GDC/EDC Consensus Rebate Strategy	Multifamily Income-Eligible Rebate Up to Value ($)	Existing Up To Value ($) Rebate Strategy	NEW Proposed - Existing ($) Rebate Strategy

Assumptions Worksheet (Program Tariff Allocations & Marginal Loss Factors)

Reference Table 1. Program Tariff Allocations
NEW Source: XX

Sector	Program	Gas Tariff Allocations						Electric Tariff Allocations					
		Residential Gas Service (RSG)	General Service (GSG)	General Service Large (GSG-LV)	Large Volume Service (LVS)	Other	Other	Electric - Residential Service (RS)	Electric - General Service Secondary (GS)	Electric - General Service Primary (GP)	Electric - General Service Transmission (GT)	Extra	Extra

Reference Table 2. Marginal Loss Factors
NEW Source: XX

	Marginal Gas Loss Factors						Marginal Electric Loss Factors					
	Residential Gas Service (RSG)	General Service (GSG)	General Service Large (GSG	Large Volume Service (LVS)	Other	Other	Electric - Residential Service (RS)	Electric - General Service Secondary (GS)	Electric - General Service Primary (GP)	Electric - General Service Transmission (GT)	Extra	Extra
Energy												
Demand												
Billing Peak Factor												

Assumptions Worksheet (Portfolio Assumptions Table)

Reference Table 3. Portfolio Assumptions

	category	unit	input	NEW 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 - Ene	%		
	Electric Transmission Loss Factor - Energy	%		
	Electric Secondary Loss Factor - Demand	%		
	Electric Primary Loss Factor - Demand	%		
	Electric Subtransmission Loss Factor - Den	%		
	Electric Transmission Loss Factor - Deman	%		
	Average-to-Marginal Loss Adjustment Fac	%		
	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 Ad	%		
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

Abbreviations		References and estimates used
Please specify all the abbreviations used in the document here.		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.