

February 29, 2024

VIA ELECTRONIC MAIL ONLY

Sherri L. Golden, Secretary  
New Jersey Board of Public Utilities  
44 S. Clinton Ave  
Trenton, NJ 08625  
Board.secretary@bpu.nj.gov

**Re: Quarterly Progress Report of Jersey Central Power & Light Company – 2<sup>nd</sup> Quarter,  
Program Year 2024  
DOCKET NOS. QO1901040, QO19060748 & QO17091004**

Dear Secretary Golden:

Pursuant to the Board’s current filing procedures, Jersey Central Power & Light Company (“JCP&L” or the “Company”) hereby files its Quarterly Progress Report for the second quarter (“Q2”) of Program Year 2024 (“PY24”)<sup>1</sup> with respect to its Clean Energy Act of 2018 Energy Efficiency (“EE”) and Peak Demand Reduction (“PDR”) Programs.

**Energy Efficiency Program Progress - Executive Summary:**

History and Portfolio Overview

In the months preceding the launch of the Company’s programs on July 1, 2021, JCP&L focused on establishing the infrastructure and program partners needed to smoothly transition certain offerings previously made by New Jersey’s Clean Energy Program (“NJCEP”), launching coordinated program offerings in conjunction with other New Jersey Utilities (“Joint Utilities”),<sup>2</sup> and providing new expanded EE opportunities for the Company’s customers. JCP&L developed its EnergySaveNJ website,<sup>3</sup> providing a comprehensive resource for home and business customers to view the Company’s EE opportunities and other educational materials for customers and trade allies. JCP&L also devoted significant time and resources working in conjunction with the Joint Utilities to develop coordinated Core and Additional Program offerings as envisioned in the June 10, 2020 Order of the New Jersey Board of Public Utilities (the “BPU” or the “Board”).<sup>4</sup>

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<sup>1</sup> Program Year 2024 runs from July 1, 2022, through June 30, 2023. For the purposes of this and subsequent quarterly reports, the quarterly periods are defined as follows: Q1 (7/1-9/30); Q2 (10/1- 12/31); Q3 (1/1- 3/31); Q4 (4/1 - 6/30).

<sup>2</sup> The Joint Utilities include Atlantic City Electric Company, New Jersey Natural Gas Company, Public Service Electric & Gas Company, Rockland Electric Company, and SJI Utilities, Inc. (d.b.a. Elizabethtown Gas Company and South Jersey Natural Gas Company).

<sup>3</sup> <http://www.energysavenj.com/>

<sup>4</sup> See generally *In the Matter of the Implementation of L. 2018, c. 17 Regarding the Establishment of Energy Efficiency and Peak Demand Reduction Programs*, BPU Docket No. 19010040. Capitalized terms not otherwise defined herein have the same meaning as used in this Order.

## Overall Portfolio

JCP&L offered all program elements scheduled for launch through Q2 of PY24 of its 2021-2024 Triennial Energy Efficiency and Conservation Plan (“EEC Plan” or “Plan”),<sup>5</sup> as shown in the following table. JCP&L utilizes Third Party Implementation Contractors (“TPICs”) in the implementation of program offerings.

Targeted Sector	Program Type	Program Element	TPIC	Launch Date
Residential	Core	HVAC	CLEARResult	7/1/2021
Residential	Core	Appliance Rebates	CLEARResult	7/1/2021
Residential	Core	Appliance Recycling	ARCA	7/1/2021
Residential	Core	EE Kits	AM Conservation Group	12/1/2021
Residential	Core	Lighting	CLEARResult	7/1/2021
Residential	Core	Online Marketplace	AM Conservation Group	9/15/2021
Residential	Core	Home Performance with ENERGY STAR	CLEARResult	7/1/2021
Residential	Additional	Quick Home Energy Check-up	CLEARResult	9/1/2021
Residential	Additional	Moderate Income Weatherization	CLEARResult	9/1/2021
Residential	Additional	Online Audits	Oracle	7/1/2021
Residential	Additional	Behavioral	Oracle	7/1/2022
Commercial & Industrial	Core	C&I Direct Install	Willdan	7/1/2021
Commercial & Industrial	Core	C&I Prescriptive and Custom	TRC	7/1/2021
Commercial & Industrial	Additional	Energy Solutions for Business Energy Management	Willdan	10/1/2021
Commercial & Industrial	Additional	Energy Solutions for Business Engineered Solutions	Willdan	10/1/2021
Multifamily	Core	Multifamily Direct Install	CLEARResult	7/1/2021
Multifamily	Core	Multifamily Home Performance with ENERGY STAR	CLEARResult	7/1/2021
Multifamily	Core	Multifamily Prescriptive	CLEARResult	7/1/2021
Multifamily	Core	Multifamily Custom	CLEARResult	7/1/2021
Multifamily	Core	Multifamily Engineered Solutions	CLEARResult	10/1/2021
Other	Additional	Home Optimization & Peak Demand Reduction	Oracle	7/1/23

The full suite of program offerings delivered in the second quarter produced over 27,274 MWh, or almost 27% of the PY24 annual target as filed in JCP&L’s EEC Plan. As JCP&L continues steady-state operations for all offerings, levels of energy savings are expected to grow significantly in future reporting periods across all programs. Details of specific offerings are shown throughout this report and in Appendix B.

As part of JCP&L’s offerings, the Company provides access to no-cost financing to address initial cost barriers and to promote participation of all customers for applicable equipment. Beginning on September 7, 2021, qualifying customers had access to financing for specific equipment in both the Efficient Products and Existing Homes Programs using the Company’s third-party financing provider, National Energy Improvement Fund (“NEIF”). In the third quarter of PY22, customer financing expanded to include the remaining applicable programs including the C&I Direct Install Program with Prescriptive and Custom segments of the Energy Solutions for Business Program. Over the course of PY24, NEIF has provided \$4,327,539 in loans to 369 residential customers and \$1,914,767.80 in loans to 48 commercial and industrial (“C&I”) customers through JCP&L’s programs. During Q2 of PY24, NEIF has provided \$2,505,789 in loans to 215 residential customers and \$1,247,894.50 in loans to 29 C&I customers through JCP&L’s programs.

<sup>5</sup> See generally *In the Matter of the Verified Petition of Jersey Central Power & Light Company for Approval of JCP&L’s Energy Efficiency and Conservation Plan Including Energy Efficiency and Peak Demand Reduction Programs (JCP&L EE&C)*, BPU Docket No. EO20090620.

<sup>6</sup> *Lead Utility* – the utility that has the initial relationship with the customer for the EE savings measure or project (i.e., is responsible for customer in- take) and leads on the calculation of savings, disbursements of rebates, or incentives and customer financing options, as applicable.

<sup>7</sup> *Partner Utility* – the utility that works through a Lead Utility in providing coordinated program offerings.

The Joint Utilities continue to work on the development of the Statewide Coordinator (“SWC”) system that will facilitate the exchange of both investments and energy savings between a Lead Utility<sup>6</sup> and a Partner Utility<sup>7</sup>. As of Q2PY24, the Joint Utilities have approved Residential Programs through user acceptance testing and began the exchange of data for certain Residential Programs. JCP&L has received invoices for certain Residential Programs. SWC system user acceptance testing for C&I and Multifamily Programs is progressing. As discussed during Utility Working Group meetings, the Joint Utilities are supporting the incentives for comprehensive projects that address both fuels with the intention to transfer all information through the SWC when the system is operational and integrated with each utility’s program management software and tracking system. Accordingly, the information reflected within this report reflects all investments and financing made by JCP&L, including those as the Lead Utility on behalf of a Partner Utility. At the end of Q2 PY24, JCP&L is receiving invoices as a Partner and has begun to send invoices as a Lead; the impacts of the transferred savings will be reflected in a future reporting period. Energy savings shown within this report only reflects savings for JCP&L’s primary fuel.

### COVID-19 and Economic Impacts

On May 11, 2023, the federal government declared an end to the COVID-19 Public Health Emergency. However, the effects and long-lasting impacts of the COVID-19 pandemic are still being seen in program performance—for example, lower contractor participation, labor shortages, supply chain issues, and return-to-work policies have impacted program performance. Programs that require customer interaction with third parties continue to be impacted due in large part to customer hesitancy about having people in their homes or businesses. In addition, many business owners are focused on reclaiming business lost as a result of the pandemic and are reluctant to invest in EE projects at this time due to capital budget constraints. Rising inflation has proved to be a barrier to program participation; with increasing labor and material costs, customers are hesitant to move forward with investment in EE. The Company expects JCP&L’s program performance to improve as impacts of the pandemic lessen.

### Residential Sector

The Company and its TPICs continued delivering programs and educating customers, contractors, and retailers on the JCP&L suite of Residential Programs. The Company worked diligently with the Joint Utilities to provide consistency between offerings and share best practices. All Program elements contained in the Company’s approved EEC Plan have launched.

The following programs contributed savings in the reporting period:

#### Efficient Product Program

- The HVAC offering processed rebates for over 1,000 units of HVAC equipment during Q2 PY24. Central air conditioners continue to account for the majority of the savings through the HVAC offering. The Company continues to market the rebate offerings to customers via email and bill inserts.
- The Appliance Rebates offering processed rebates for over 1,200 appliances during Q2 PY24. The offering was marketed in retail locations. On July 1, 2023, the Company began offering instant discounts on the purchase of ENERGY STAR® certified dehumidifiers, room air conditioners, and a limited number of air purifiers in The Home Depot and Lowe’s stores across JCP&L’s territory. During the reporting period, customers have received instant discounts on over 4,200 appliances. Promotional signage is placed in The Home Depot and Lowe’s to promote the instant discount offers. The Company completed over 500 store visits throughout Q2 PY24, placing promotional signage and educating retail employees on rebates available to customers.

- The Appliance Recycling subprogram is suspended as of August 2023. The previous implementer for this subprogram unexpectedly ceased operations in August 2023. The Companies are currently in the process of securing an alternative implementer and anticipate resuming operations of the Appliance Recycling subprogram in the first half of 2024.
- The Lighting offering ended in July 2023 due to the implementation of State Law A5160 and the Federal Energy Independence and Security Act.
- The Company's Online Marketplace received 3,177 orders resulting in the sale of over 6,000 products. Smart Thermostats accounted for 79% of the products sold during the Q2 PY24. The Company ran multiple promotions during this period to promote the sales of smart thermostats. Other products sold included air purifiers, smart strips, and night lights. The Online Marketplace was marketed on the Company website, bill inserts, in the Company's Online Audit tool, through e-mails, and social media posts.

#### Existing Homes Program

- The Home Performance with ENERGY STAR subprogram completed 48 projects in Q2 PY24. The Company participates in a monthly meeting with the other New Jersey utility technical teams and contractors to support this program. This subprogram was marketed through responsive ads on the internet, email, and bill inserts.
- The Quick Home Energy Check-up ("QHEC") subprogram performed 391 audits during Q2 PY24. The program was marketed through bills inserts, post cards, emails, and responsive ads on the internet. As part of the QHEC, customers had items installed in their homes such as LED lighting, smart strips, low flow showerheads, and aerators.
- The Moderate-Income Weatherization subprogram completed over 91 audits that included direct install items, such as LED lighting, smart strips, low flow showerheads, and aerators, during Q2 PY24. In addition, 43 participants had weatherization measures installed, such as insulation and air sealing, and had health and safety issues addressed. The Company continued to reach out to homeowner association communities thru email, phone, and on-site visits with focus on senior facilities. The subprogram also screened customers through the QHEC offering to identify those customers that would be better served under this subprogram.

#### Home Energy Education and Management Program

- The Home Energy Reports subprogram provided reports about each customer's energy usage, as well as analysis regarding their usage over time, with specific tips and recommendations that promote personalized EE and conservation opportunities and programs available to them. The reports helped customers to understand how their energy consumption compares to similarly sized and equipped homes and further helped them to develop goals and strategies to reduce their energy use. Home Energy Reports target customer engagement, education, and awareness of JCP&L's EE programs. There were 303,938 email reports and 145,529 print reports sent to customers in Q2 PY24. The reports featured the Home Optimization and Peak Demand Response (Energy Savings Rewards) Program, the QHEC Program, and tips on how to save energy during the summer months.
- Over 2,215 customers completed the Company's Online Audit tool, the Home Energy Analyzer, in Q2 PY24. Customers taking the Online Audit enter specific information about their homes and receive information about where the home is using the most energy. Customers then receive tips for how to save energy in their home and education on available EE programs offered by JCP&L.

#### Commercial & Industrial Sector

The Company and its TPICs focused on delivering programs and educating customers and contractors on JCP&L's suite of C&I Programs. The Company worked diligently with the Joint Utilities to provide consistency between offerings and share best practices, where applicable.

- The C&I Direct Install Program focused on installation of efficiency measures for small businesses and other non-residential customers with an average annual demand of 200 kW or less. The program is designed to provide eligible customers with free energy assessments and direct installation of EE projects. The program pays a percentage of up-front costs and participating customers contribute the balance of project costs not covered by incentives. To help with capital funding of the costs not covered by incentives, customers have an option to finance their share of project costs through JCP&L with zero percent financing for up to five years. To increase program awareness and participation, Willdan continued its outreach and marketing campaigns through multiple channels, by on-boarding over 50 participating program allies who have been trained to promote and sell this program to qualifying customers, by conducting an out-bound calling campaign and outbound mailer that targeted eligible customers. In this quarter, Willdan attended two trade shows and hosted one in-person trade ally meeting. These events serve as a conduit to further increase program visibility, to hear directly from customers and program allies, and for Willdan and the Company to make timely decisions based on the feedback received at these events. The new incentive structure that the Joint Utilities adopted at the start of PY23 has continued to build momentum in this program. Four new measures that the Company added in the last quarter are expected to bring in additional savings and new participants. In this quarter, Willdan updated the Direct Install tool for the four measures—electric HVAC, fuel use economizer, night covers, and lighting controls. As a courtesy service for JCP&L’s customers, Willdan continues to maintain and update a list of participating program allies on the program website. With a focus on customers located in the Overburdened Communities (“OBCs”)/Opportunity Zones (“Ozs”)/Urban Enterprise Zones (“UEZs”), Willdan has refined its dedicated out-bound call campaign through its in-house call center. The Spanish language FAQs guide that is posted on the program website is updated to align with program changes. Willdan has recruited a diverse group of trade allies that have experience in working with customers located in these communities/zones. The Company continues to leverage internal resources—through customer support representatives and regional external affairs consultants—to promote the program to assigned accounts (*i.e.*, selected customers with large and/or national commercial accounts).
- The C&I Energy Management subprogram targets energy savings for existing C&I facilities by providing a holistic approach to improving the overall operation and energy performance of buildings and building systems. This is achieved through an offering of the following five measures under this subprogram: (1) HVAC tune-up; (2) building tune-up; (3) retro-commissioning; (4) building operation training; and (5) strategic energy management. JCP&L launched this subprogram on October 1, 2021 and hired Willdan as its TPIC. To launch this offering, Willdan developed a focused website and added FAQs and a program ally application. Willdan continued its outreach and marketing campaigns by on-boarding program allies who have been trained to promote and sell this program to customers above 200 kW demand. Willdan also recruited participating program allies that have experience in delivering services such as retro-commissioning, building tune-up, and HVAC tune-up. In this quarter, Willdan attended two trade shows and hosted one in-person trade ally meeting. These events serve as a conduit to further increase program visibility, to hear directly from customers and program allies, and for Willdan and the Company to make timely decisions based on the feedback received at these events. JCP&L is actively working with other electric and gas distribution companies to develop and deliver building operation training to all customers. Willdan continues to promote availability of financing to above 200 kW customers through JCP&L’s financing vendor, NEIF. In this quarter, the Company did not implement any update to this program. The Company also leveraged internal resources—through customer support representatives and regional external affairs consultants—to promote the program to assigned accounts.

- The Energy Solutions for Business-Engineered Solutions subprogram provides tailored EE assistance to public service entities, such as municipalities, universities, schools, hospitals, and healthcare facilities (“MUSH”), and non-profit entities. This subprogram provides a guided consultative service throughout the project delivery cycle, starting with an in-depth facility audit as well as detailed assessment and recommendations of EE measures that could be economically installed with no up-front funding from the customer. JCP&L launched this subprogram on October 1, 2021 and hired Willdan as its TPIC. To launch this offering, Willdan developed a focused website and added FAQs and a program ally application. Willdan continued its outreach and marketing campaigns by on-boarding program allies who have been trained to promote and sell this program to MUSH customers above 200 kW demand. In this quarter, Willdan attended two trade shows and hosted one in-person trade ally meeting. These events serve as a conduit to further increase program visibility, to hear directly from customers and program allies, and for Willdan and the Company to make timely decisions based on the feedback received at these events. In this quarter, the Company did not implement any update to this program. Willdan continues to promote availability of financing to MUSH customers above 200 KW demand through JCP&L’s financing vendor, NEIF. The Company also leveraged internal resources—through customer support representatives and regional external affairs consultants—to promote the program to assigned accounts.
- The C&I Prescriptive and Custom Measure subprogram promotes the installation of high efficiency electric and/or natural gas equipment by the Company’s C&I customers. The subprogram provides prescriptive-based incentives to purchase and install EE products. The offering supports downstream approaches to capture scheduled replacement activities in the market. The subprogram also provides midstream incentives (aka instant discounts or buydowns) to capture the emergency replacement activities in the market. This program is also designed to support manufacturers, distributors, contractors, and retailers that sell and install select EE products and services. Measures supported by the subprogram include EE lighting, appliances, heating and cooling equipment, and food service equipment, among other efficiency measures. JCP&L hired TRC to serve as the TPIC for this program. As a courtesy services for JCP&L’s customers, TRC created a list of participating program allies and participating distributors on the program website. Customers can search by program ally name or business type. In the last quarter, the Company increased the incentive cap in its midstream offering to \$25,000. This has resulted in increased participation and larger energy savings. Based on the program changes that were made in the last quarter, TRC has updated the program website and the incentive guide, including the Spanish guide. To keep the market engaged and to continue to increase program awareness and participation, TRC continued its outreach and marketing campaigns through multiple channels—hosting webinars for customers and program allies, undertaking e-blasts, calling campaigns and digital ad campaigns, and attending outreach events, including two in-person chamber events and two in-person trade shows. This quarter, TRC hosted a training targeted at underperforming program allies, including in-person meetings with some of these program allies. Every quarter, TRC continues to send out a newsletter that is targeted to program allies. This quarter, TRC emailed out a biannual customer newsletter. This letter provides a program overview and serves as a good reminder to JCP&L’s customers. To help customers with capital funding of qualified projects, TRC maintains a link to the Company’s financing program. To better meet the needs of non-English speaking customers, TRC translated program FAQs, the Incentive Guide, and the Quick Reference Guide into Spanish. TRC also translated the program website to Spanish. To reach customers located in the OBCs/OZs/UEZs, as designated by the New Jersey Department of Environmental Protection (the “NJDEP”), TRC hosts a quarterly webinar targeting these customers. This webinar is mainly promoted through eBlast. Customers who attend this webinar receive ongoing outreach support from TRC. In this quarter, TRC also attended an in-person African American Chamber of Commerce event. The Company continues to leverage internal resources—through customer support representatives and regional external affairs consultants—to promote the subprogram to assigned accounts. The Company picked up and responsibly recycled ten refrigerators and freezers and one Room Air

Conditioner through the C&I Appliance Recycling offering during the quarter.

### Multifamily Sector

The Multifamily Direct Install Program performed audits in 618 units during Q2 PY24. During the audit, the contractor may have installed lighting, water measures, and/or smart strips. The Multifamily Prescriptive Program has 17 completed projects. The Company continues to build relationships with multifamily property managers to fill a pipeline of future projects. The Company set up tables in the lobby of multiple facilities to encourage customers to sign-up for an audit.

### Other Programs

The Company launched the Home Optimization & Peak Demand Reduction Program, marketed to customers as Energy Savings Rewards, in June 2023. Over 7,000 customers enrolled over 11,500 smart thermostats to participate in the program. Customers choosing to participate in this program received a \$75 gift card (via e-mail) per smart thermostat for allowing JCP&L to make small, temporary adjustments to their smart thermostats during peak demand periods between June 1 – September 30. There were four events called during the reporting period on July 26, July 27, September 5, and September 6. Customers also received an additional \$25 in October for their participation during the demand response season.

## Table 1 – Quarter 2 Program Year 2024 Retail Sales

Table 1 shows the Company’s overall performance as a percentage of retail sales, which includes retail sales reductions achieved by the Comfort Partners Program, which is the primary program serving low-income customers and is co-managed by the Division of Clean Energy in conjunction with JCP&L and the other investor-owned electric and gas utility companies. For the Joint Utilities that have “other” programs it should be noted. The Board’s June 10, 2020 Clean Energy Act (“CEA”) Order established specific utility energy use reduction requirements for PY 24 at 0.97% of the Plan Year’s Compliance Baseline.

	Utility-Administered Retail Savings <sup>1,2</sup> (MWh)	Comfort Partners Retail Savings (MWh) <sup>1,2,5</sup>	Other Programs Retail savings (MWh) <sup>2,4</sup>	Total Portfolio Retail Savings (MWh) <sup>1,2</sup>	Compliance Baseline (MWh) <sup>3</sup>	Annual Target (%)	Annual Target (MWh)	Percent of Annual Target (%)
	(A)	(B)	(C)	(D) = (A)+(B)+(C.)	(E)	(F)	(G) = (E)*(F)	(H) = (D) / (G)
Quarter	27,274	215	-	27,489				
YTD	54,642	408	27	55,077	19,950,682	0.97%	193,522	28.46%

<sup>1</sup>Calculated savings at the retail (customer meter) level. Savings are calculated in line with Technical Reference Manual (“TRM”) calculations or the Joint Utility Coordinated Measure list, where applicable.

<sup>2</sup> Encompasses all ex-ante savings for the Quarter and Plan Year, including prior period adjustments if applicable.

<sup>3</sup>Calculated as average annual electricity usage in the prior three plan years (*i.e.*, July – June) per N.J.S.A. 48:3-87.9(a). Details are provided in Appendix E.

<sup>4</sup>Other Programs includes Company-specific programs that are not part of the CEA EE programs or Comfort Partners, such as legacy programs and pilots.

<sup>5</sup>New Jersey Comfort Partners savings is a preliminary estimate due to recently transitioning the data system of record, and subject to change based on further calculations. Savings true-up anticipated in future reporting periods.

Individual line items or totals as listed in Table 1 may slightly differ from values reported elsewhere due to rounding.

Figure 1 shows energy savings achievements compared against expenditures.

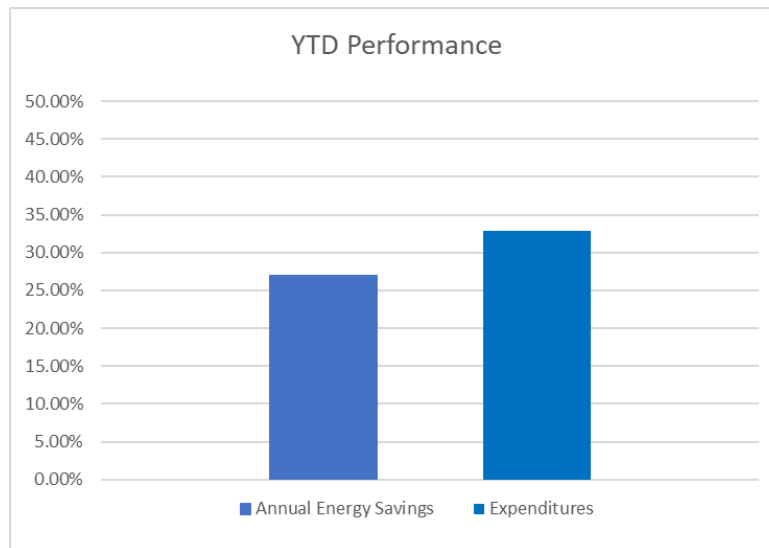


Figure 1: Quarter 2 PY24 performance of Annual Energy Savings and Budget



## Table 2 – Quantitative Performance Indicators (“QPI’s”)

Table 2 provides the results of the QPIs for all programs for which the Joint Utilities are responsible, inclusive of the CEA- funded programs, Comfort Partners Program (only included in low/moderate income lifetime savings), and, if applicable, any legacy EE programs administered by JCP&L that were authorized or funded by or through a prior filing or authorization (“Other Program”).

As shown in the following table, JCP&L achieved 27,274 MWh of annual EE savings and 319,883 MWh of lifetime savings in this period.

	Quarter				Year to Date				Annual Target <sup>1</sup>	Percent of Annual Target Achieved
	Utility-Administered Quarter Retail Savings	Comfort Partners Quarter Retail Savings <sup>3</sup>	Other Programs Quarter Retail Savings	Total Portfolio Quarter Retail Savings	Utility-Administered YTD Retail Savings	Comfort Partners YTD Retail Savings <sup>3</sup>	Other Programs YTD Retail Savings	Total Portfolio YTD Retail Savings		
Annual Energy Savings (MWh)	27,274	215	-	27,489	54,669	408	27	55,105	204,152	27%
Lifetime Savings (MWh)	319,883	3,264	-	323,148	639,527	6,445	27	645,999	3,654,029	18%
Annual Demand Savings (MW)	5.06	0.04	-	5.10	11.46	0.08	13	24.89		
Low/Moderate-Income Lifetime Savings (MWh) <sup>2</sup>	2,305	3,264	-	5,570	5,002	6,445	1	11,448		
Small Commercial Lifetime Savings (MWh) <sup>2</sup>	227,659			227,659	446,307			446,307		

<sup>1</sup>Annual Targets reflect estimated impacts as filed in the Company’s 2021-2024 EEC Plan

<sup>2</sup>Reflects Quarterly and Annual Demand Savings multiplied by the Effective Useful Life of installed equipment.

<sup>3</sup>New Jersey Comfort Partners savings is a preliminary estimate due to recently transitioning the data system of record, and subject to change based on further calculations. Savings true-up anticipated in future reporting periods.

## Sector-Level Participation, Expenditures, and Annual Energy Savings

There were no adjustments to budgets or incentives and no requests were made to Board Staff for adjustments during this period. Participation details are listed below for the various sectors.

### Participation

#### Residential Sector

The Residential sector achieved 16% of its annual Plan forecast through the reporting period.

#### Commercial & Industrial

The Company saw an increased level of participation across all programs within the sector in PY24. Participation in the C&I sector is mainly driven by customer activity in the Direct Install and Prescriptive/Custom Program plus the mid-stream lighting offering. The C&I sector achieved less than 1% of its annual Plan forecast through the reporting period, but this is due to the methodology for participation projections in the Company’s Plan filing being different from reporting methodology. The Plan filing projection is at a measure level, while participant definitions used in this report and detailed in Appendix A reflect consensus definitions for the first Triennium as aligned with the Joint Utilities. The Company reported 896 participants in the program. At a measure level, the Company is at less than 4% of the target through Q2.

#### Multifamily

The Multifamily sector achieved 27% of the PY24 Annual Plan forecast. The Company has a pipeline of work to complete in the balance of PY24.

## Other

The Other sector achieved 105% of the PY24 Annual Plan forecast through the reporting period. Reported results were mainly driven by the number of enrolled thermostats in PDR events during the first quarter.

**Table 3 – Sector-Level Participation**

Sector <sup>1</sup>	Quarter Participants	YTD Participants	Annual Forecasted Participants <sup>4</sup>	Percent of Annual Forecast
Residential	177,368	202,435	1,281,465	15.80%
Multifamily	635	896	3,304	27.12%
C&I	529	960	336,750	0.29%
Other	-	11,640	11,001	105.81%
Reported Totals for Utility Administered Programs <sup>3</sup>	178,532	215,931	1,632,521	13.23%
Comfort Partners <sup>2</sup>	244	507	4,781	N/A
Utility Total <sup>3</sup>	178,776	216,438	1,637,302	N/A

<sup>1</sup> Please note that these values represent totals across all programs within a sector. The appendix shows values for individual programs.

<sup>2</sup> Comfort Partners, the primary program serving low-income customers, is co-managed by the Division of Clean Energy in conjunction with JCP&L and the other investor-owned electric and gas utility companies. Comfort Partners participation forecast is for the State in total and not available on an individual utility basis. Accordingly, the “Percent of Annual Forecast” is not calculable for each individual utility.

<sup>3</sup> Individual line items or totals as listed in this Table may slightly differ due to rounding.

<sup>4</sup> Annual targets reflect values as estimated in the Company’s EEC Plan.

Percent of Annual Forecast values as shown in Table 3 are largely influenced by differing participant definitions in the Company’s report versus definitions as filed in JCP&L’s EEC Plan. Participant definitions used in this report and detailed in Appendix A reflect consensus definitions for the first Triennium as aligned with the Joint Utilities.

## **Expenditures**

### Residential Sector

The Residential sector spent 23% of its annual Plan budget through the reporting period.

### Commercial & Industrial Sector

The C&I sector spent 41% of its annual Plan budget through the reporting period.

### Multifamily Sector

The Multifamily sector spent 15% of its annual Plan budget through the reporting period.

## Other

The Other sector spent 68% of its annual Plan budget through the reporting period due to the PDR program for incentives paid to customer through the summer and concluded in the fall.

**Table 4 – Sector-Level Expenditures**

Expenditures <sup>1</sup>	Quarter Expenditures (\$000)	YTD Expenditures (\$000)	Annual Budget Expenditures <sup>4</sup> (\$000)	Percent of Annual Budget
Residential	\$4,761	\$9,262	\$40,906	22.64%
Multifamily	\$314	\$391	\$2,603	15.02%
C&I	\$8,540	\$17,676	\$42,690	41.41%
Other	\$530	\$1,829	\$2,673	68.43%
Reported Totals for Utility Administered Programs <sup>3</sup>	\$14,145	\$29,158	\$88,873	32.81%
Comfort Partners <sup>2</sup>	\$1,295	\$2,494	\$6,170	N/A
Utility Total <sup>3</sup>	\$15,440	\$31,652	\$95,043	N/A

<sup>1</sup> Expenditures include rebates, incentives, and loans, as well as program administration costs allocated across programs.

<sup>2</sup> Comfort Partners, the primary program serving low-income customers, is co-managed by the Division of Clean Energy in conjunction with JCP&L and the other investor-owned electric and gas utility companies. Comfort Partners participation forecast is for the State in total and not available on an individual utility basis. Accordingly, the “Percent of Annual Forecast” is not calculable for each individual utility.

<sup>3</sup> Individual line items or totals as listed in this Table may slightly differ due to rounding.

<sup>4</sup> Annual targets reflect values as estimated in the Company’s EEC Plan.

## Annual Energy Savings

### Residential Sector

Through Q2 of PY24, the residential sector achieved nearly 15% of its annual target.

### Commercial & Industrial

During PY24, JCP&L will continue focusing on working with its TPICs to increase program awareness and participation in all C&I programs, including the mid-stream lighting program. Through Q2 of PY24, the C&I sector achieved nearly 38% of its annual target. JCP&L anticipates energy savings levels will grow across all programs within the sector in PY24.

### Multifamily

During PY24, JCP&L will continue focusing on working with its TPICs and other Joint Utilities to implement the Multifamily Program. The Company continues to educate building owners on the benefits of this program. The Multifamily sector achieved 31% of its annual target.

### Other

Through Q2 of PY24, the other sector achieved 1% of its annual target. Savings are well under levels projected in the Plan due to how the original projection contemplated energy savings through optimization strategies whereas the implementation plan prioritized demand savings. The program was also not implemented to include additional potential technologies due, in part, to lack of vendor proposals and, in part, to focus implementation on the required core offering with smart thermostats. Reported results were mainly driven by the PDR participation. PDR programs do not contribute significant KWh savings.

**Table 5 – Sector-Level Energy Savings**

Annual Energy Savings <sup>1</sup>	Quarter Retail (MWh)	YTD Retail (MWh)	Annual Target Retail Savings <sup>4</sup> (MWh)	Percent of Annual Target
Residential	6,271	14,220	95,235	14.93%
Multifamily	409	524	1,671	31.36%
C&I	20,593	39,898	104,507	38.18%
Other	-	27	2,739	1.00%
Reported Totals for Utility Administered Programs <sup>3</sup>	27,274	54,669	204,152	26.78%
Comfort Partners <sup>2,5</sup>	215	408	3,304	N/A
Utility Total <sup>3</sup>	27,489	55,077	207,456	N/A

<sup>1</sup> Annual energy savings represent the total expected annual savings from all EE measures within each sector. Appendix B shows the annual energy savings results for individual programs or offerings.

<sup>2</sup> Comfort Partners participation forecast is for the State in total and not available on an individual utility basis. Accordingly, the “Percent of Annual Target” is not calculable for each individual utility.

<sup>3</sup> Individual line items or totals as listed in this Table may slightly differ due to rounding.

<sup>4</sup> Annual targets reflect values as estimated in the Company’s EEC Plan.

<sup>5</sup> NJ Comfort Partners savings is a preliminary estimate due to recently transitioning the data system of record, and subject to change based on further calculations. Savings true-up anticipated in future reporting.

### **Portfolio Expenditures Breakdown**

The following table provides quarterly, and Year to Date (“YTD”) costs as compared to the full-year budget as filed in JCP&L’s EEC Plan. Company costs for the reporting period were 33% of the PY24 budget.

**Table 6 – Annual costs and budget variances by category**

Total Utility EE/PDR <sup>1</sup>	Quarter Reported (\$000)	YTD Reported (\$000)	Full Year Budget (\$000)	Percent of Annual Budget
Capital Costs	\$ -	\$ -	\$ -	0.00%
Utility Administration	\$ 503	\$ 1,075	\$ 3,918	27.44%
Marketing	\$ 132	\$ 236	\$ 1,877	12.57%
Outside Services <sup>4</sup>	\$ 2,297	\$ 4,103	\$ 14,244	28.80%
Rebates <sup>2</sup>	\$ 9,305	\$ 19,926	\$ 54,975	36.24%
No- or Low-Interest Loans	\$ 990	\$ 1,953	\$ 9,830	19.87%
Evaluation, Measurement & Verification (“EM&V”)	\$ 918	\$ 1,866	\$ 3,131	59.59%
Inspections & Quality Control	\$ -	\$ -	\$ 897	0.00%
Utility EE/PDR Total <sup>3</sup>	\$ 14,145	\$ 29,158	\$ 88,873	32.81%

<sup>1</sup> Categories herein align to JCP&L’s EEC plan as approved by the BPU.

<sup>2</sup> Rebates category includes rebates and other direct investments.

<sup>3</sup> Individual line items or totals as listed in this Table may slightly differ due to rounding.

<sup>4</sup> The cost category of Inspection and Quality Control was separately budgeted in JCP&L’s Plan Filing. However, actuals costs are included in the Outside Services category in line with TPIC.

## Equity Metrics

The equity metrics draw from the considerable work of the New Jersey Office of Environmental Justice's Overburdened Community designations. Per New Jersey's Environmental Justice Law, N.J.S.A. 13:1D- 157 *et seq.*, census block groups are identified as being an "Overburdened Community" when certain census criteria are met,<sup>8</sup> and metrics reported herein reflect further direction from BPU Staff.<sup>9</sup> JCP&L utilized this framework to develop tools and methodologies mapping geocoordinates for all customers that indicate if the location is inside or outside of an OBC and screened all incoming EE program participation utilizing this same methodology. This data is compiled into Table 7 detailing PY24 Equity Performance. JCP&L will continue to monitor these metrics as programs and offerings mature throughout the Triennial period.

### Residential Sector

The Company visited stores in OBC areas over 120 times during Q2 PY24 for various reasons, such as placing marketing on appliances and educating retailers about available rebates. The Company also participated in three community events in OBC areas in Ocean County to promote Moderate Income Weatherization and QHEC Programs.

### Commercial & Industrial Sector

To reach customers located in the OBCs/OZs/UEZs, as designated by the NJDEP, TRC hosts a quarterly webinar targeting these customers. This webinar is mainly promoted through eBlast. Customers who attend this webinar receive ongoing outreach support from TRC. In this quarter, TRC also attended an in-person African American Chamber of Commerce event. Similarly, to reach customers located in the above-listed communities, Willdan had undertaken a dedicated call out campaign through their in-house call center.

### Multifamily

There were three projects completed at OBC facilities in Q2 PY24. There were 138 units that received direct install measures.

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<sup>8</sup> Per N.J.S.A. 13:1D-158: (1) at least 35 percent of the households qualify as low-income households; (2) at least 40 percent of the residents identify as a minority or as members of a State recognized tribal community; or (3) at least 40 percent of the households have limited English proficiency.

<sup>9</sup> Per guidance from BPU Staff, OBCs, as used in Table 7, reflect those communities where at least 35 percent of the households qualify as low-income households but exclude those communities that are solely designated as Minority, Limited English, or Minority and Limited English.

**Table 7 – Equity Performance**

Territory-Level Benchmarks	Over-burdened <sup>1</sup>	Non-Over-burdened	Overburdened (%) <sup>2</sup>
# of Household Accounts <sup>3</sup>	104,106	885,957	11%
# of Business Accounts <sup>3</sup>	13,196	111,092	11%
Total Annual Energy (MWh) <sup>4</sup>	1,623,861	18,003,737	8%

Programs	Sub Program or Offering	Type of Sub Program/ Offering	Quarter Over-burdened <sup>1</sup>	Quarter Non-Over-burdened	Overburdened (%) <sup>2</sup>	Annual Over-burdened	Annual Non-Over-burdened	Overburdened (%)
<b>Participants</b>								
Residential - Efficient Products	HVAC	Core	54	1,004	5%	106	2,229	5%
	Appliance Rebates	Core	755	11,591	6%	1,010	14,934	6%
	Appliance Recycling	Core	-	-	0%	19	310	6%
	Energy Efficient Kits	Core	-	-	0%	-	-	0%
	Lighting <sup>5</sup>	Core	-	-	0%	1,164	14,745	7%
Residential - Existing Homes	Online Marketplace	Core	309	4,675	6%	450	6,474	6%
	Home Performance with Energy Star	Core	14	34	29%	17	70	20%
	Quick Home Energy Check-Up	Additional	39	352	10%	75	578	11%
Home Energy Education & Management	Moderate Income Weatherization	Additional	38	102	27%	77	216	26%
	Behavioral <sup>7</sup>	Additional	8,948	148,156	6%	8,948	148,156	6%
C&I Direct Install	Online Audits	Additional	86	1,211	7%	188	2,669	7%
Energy Solutions for Business	Direct Install	Core	18	183	9%	39	288	12%
	Energy Management	Core	2	10	17%	2	23	8%
Multifamily	Prescriptive/Custom	Core	29	287	9%	53	555	9%
	Direct Install	Core	202	416	33%	311	566	35%
Home Optimization & Peak Demand Reduction	Prescriptive/Custom	Core	16	1	94%	16	3	84%
	Additional	Additional	-	-	5%	362	11,279	3%
Total Core Participation <sup>6</sup>			1,399	18,201	7%	3,187	40,197	7%
Total Additional Participation <sup>6</sup>			9,111	149,821	6%	9,650	162,898	6%
<b>Total Participation<sup>6</sup></b>			<b>10,510</b>	<b>168,022</b>	<b>6%</b>	<b>12,837</b>	<b>203,095</b>	<b>6%</b>
<b>Annual Energy Savings</b>								
Residential - Efficient Products	HVAC	Core	24	410	5%	44	926	4%
	Appliance Rebates	Core	93	1,495	6%	119	1,892	6%
	Appliance Recycling	Core	-	-	0%	23	338	6%
	Energy Efficient Kits	Core	-	-	0%	-	-	0%
	Lighting	Core	-	-	0%	168	2,278	7%
Residential - Existing Homes	Online Marketplace	Core	42	616	6%	62	868	7%
	Home Performance with Energy Star	Core	28	44	39%	34	114	23%
	Quick Home Energy Check-Up	Additional	31	335	8%	63	563	10%
Home Energy Education & Management	Moderate Income Weatherization	Additional	14	50	22%	34	95	26%
	Behavioral <sup>7</sup>	Additional	177	2,752	6%	377	5,868	6%
C&I Direct Install	Online Audits	Additional	11	150	7%	23	331	7%
Energy Solutions for Business	Direct Install	Core	371	3,911	9%	759	6,498	10%
	Energy Management	Core	202	1,004	17%	202	1,886	10%
Multifamily	Prescriptive/Custom	Core	1,368	13,737	9%	2,185	28,367	7%
	Direct Install	Core	101	202	33%	154	262	37%
Home Optimization & Peak Demand Reduction	Prescriptive/Custom	Core	105	1	99%	105	3	97%
	Additional	Additional	-	-	0%	1	27	3%
Total Core Participation <sup>6</sup>			2,334	21,420	10%	3,855	43,433	8%
Total Additional Annual Energy Savings <sup>6</sup>			232	3,288	7%	498	6,883	7%
<b>Total Annual Energy Savings<sup>6</sup></b>			<b>2,566</b>	<b>24,708</b>	<b>9%</b>	<b>4,353</b>	<b>50,316</b>	<b>8%</b>
<b>Lifetime Energy Savings</b>								
Residential - Efficient Products	HVAC	Core	359	6,298	5%	665	14,236	4%
	Appliance Rebates	Core	1,027	16,379	6%	1,322	20,947	6%
	Appliance Recycling	Core	-	-	0%	99	1,496	6%
	Energy Efficient Kits	Core	-	-	0%	-	-	0%
	Lighting	Core	-	-	0%	2,516	34,174	7%
Residential - Existing Homes	Online Marketplace	Core	316	4,633	6%	469	6,541	7%
	Home Performance with Energy Star	Core	459	801	36%	554	1,994	22%
	Quick Home Energy Check-Up	Additional	426	4,759	8%	876	7,954	10%
Home Energy Education & Management	Moderate Income Weatherization	Additional	272	920	23%	726	1,891	28%
	Behavioral <sup>7</sup>	Additional	177	2,752	6%	377	5,868	6%
C&I Direct Install	Online Audits	Additional	11	150	7%	23	331	7%
Energy Solutions for Business	Direct Install	Core	4,145	44,246	9%	8,758	70,094	11%
	Energy Management	Core	2,655	7,798	25%	2,655	12,268	18%
Multifamily	Prescriptive/Custom	Core	20,010	195,765	9%	31,825	403,853	7%
	Direct Install	Core	1,283	2,650	33%	1,943	3,419	36%
Home Optimization & Peak Demand Reduction	Prescriptive/Custom	Core	1,573	21	99%	1,573	52	97%
	Additional	Additional	-	-	0%	1	27	3%
Total Core Participation <sup>6</sup>			31,827	278,590	10%	52,379	569,074	8%
Total Additional Lifetime Energy Savings <sup>6</sup>			886	8,581	9%	2,003	16,071	11%
<b>Total Lifetime Energy Savings<sup>6</sup></b>			<b>32,712</b>	<b>287,171</b>	<b>10%</b>	<b>54,382</b>	<b>585,145</b>	<b>9%</b>

<sup>1</sup>Across all programs, subprograms, or offerings, participation/expenditures/savings are classified as either in an Environmental Justice OBC census block or not based on the program participant's address. OBC census blocks were developed and defined by the NJDEP ([www.nj.gov/dep/ej/communities.html](http://www.nj.gov/dep/ej/communities.html)). The Evaluation, Measurement, and Verification Working Group agreed to include only OBC census blocks where at least 35% of households qualify as low-income. For example, a census block that only satisfies the limited English proficiency criteria is not included.

<sup>2</sup> The Ratio column shows the ratio of the overburdened metric over the total of overburdened plus non-overburdened. Comparing the territory-level benchmark ratios versus the program ratios shows how equitable the distribution of the program is between the overburdened and non-overburdened populations. If the program ratio is greater than the benchmark ratio, then the overburdened population is better represented in the program.

<sup>3</sup> Estimation of accounts with overburdened designation determined to be active immediately preceding the current Plan Year.

<sup>4</sup> Estimation of usage with overburdened designation for the 12-month period immediately preceding the current Plan Year.

<sup>5</sup> Efficient Products Program, Lighting participants represent sales of products originating from stores located within an OBC. This metric is not intended to identify individual participants who reside in OBCs, but rather the proportion of retail lighting sales stemming from locations serving OBCs aligned to BPU Staff's modifications.

<sup>6</sup> Individual line items or totals as listed in this table may slightly differ from those results in Appendix B table due to rounding.

<sup>7</sup> OBC results as listed for the Behavioral offering are estimated based on percentages of customers that reside in OBC designated areas within the behavioral treatment population.

## Conclusion

Residential Programs continue to perform to Plan expectations, and the C&I sector built a robust pipeline of projects in PY23 that is now driving an increased performance of energy savings through PY24. The Company expects annual energy savings to continue to grow through the first Triennium period.

Please contact the undersigned should you have any questions or concerns regarding this report.

Sincerely,

A handwritten signature in black ink that reads "Eren Demiray". The signature is written in a cursive style with a large, prominent "D".

Eren G. Demiray  
Manager, Energy Efficiency Reporting



## Appendix A – Participant Definitions

NJ Program		Participants (as lead utility)
Efficient Products	HVAC	Sum of HVAC units (multiple units per customer, counts as multiple participants)
	Lighting - Upstream	Quantity of packages sold (based on SKU) - net of returns (negative in current period)
	Rebated Products	Quantity of units rebated (based on SKU)
	Mid-Stream Products	Quantity of units sold (based on SKU) - net of returns (negative in current period)
	Appliance Recycling	Count of visits to premise not units
	Online Marketplace	Quantity of units sold (based on SKU) - net of returns (negative in current period)
	EE Kits - Giveaway	Per kit delivered
	Consumer Electronics	For rebated programs, count of rebate applications For Midstream, every measure is considered a participant - net of returns (negative in current period)
Existing Homes	Home Performance with Energy Star	Count of completed HPwES projects
	Quick Home Energy Checkup	Count of completed visits
	Moderate Income Weatherization	Same as HPwES - (distinction would be paying for audit in this program)
Home Energy Education & Management	Online Audit	Number of unique customers that complete the Online Audit (Home Energy Analyzers).
	Behavioral	Count of treatment customers at end of reporting period
C&I Direct Install	Direct Install	Count based on number of applications/projects completed, not account number
Energy Solutions for Business	Prescriptive/Custom	Count based on number of applications/projects completed, not account number
	Energy Management	Count based on number of applications/projects completed, not account number
	Engineered Solutions	Count based on number of applications/projects completed, not account number
Multifamily	HPwES	Count of completed HPwES projects
	Direct Install	Count based on number of projects completed (see approach)
	Prescriptive/Custom	Count based on number of applications/projects completed, not account number
	Engineered Solutions	Count based on number of applications/projects completed, not account number
Other	Home Optimization and Peak Demand Reduction	Count based on each Smart Thermostat enrolled in the program

**Appendix B – Energy Efficiency and PDR Savings Summary**  
For Period Ending PY24Q2

	Sub Program or Offering <sup>1</sup>	Participation				Actual Expenditures				Ex Ante Energy Savings							
		A	B	C	D=C/B	E	F	G	H=G/F	I	J	K	L=K/J	M	N	O	P
		Current Quarter	Forecasted Annual Participation Number	YTD Reported Participation Number	YTD % of Annual Participants	Current Quarter (\$000)	Forecasted Annual Program Costs (\$000) <sup>2</sup>	YTD Reported Program Costs (\$000)	YTD % of Annual Budget	Current Quarter Annual Retail Energy Savings (MWh)	Forecasted Annual Retail Energy Savings (MWh)	YTD Annual Retail Energy Savings (MWh)	YTD % of Annual Energy Savings	Current Quarter Annual Wholesale Energy Savings (MWh)s	YTD Peak Demand Savings (MW)	Current Quarter Lifetime Retail Energy Savings (MWh)	YTD Lifetime Retail Energy Savings (MWh)
<b>Residential Programs</b>																	
Efficient Products*	HVAC*	1,058		2,335	N/A	\$ 1,457		\$ 2,803	N/A	434		970	N/A	510	0.46	6,657	14,902
	Appliance Rebates*	12,346		15,944	N/A	\$ 861		\$ 1,161	N/A	1,589		2,011	N/A	1,870	0.42	17,406	22,269
	Appliance Recycling*	-		329	N/A	\$ 114		\$ 187	N/A	-		361	N/A	-	0.06	-	1,594
	Energy Efficient Kits*	-		-	N/A	\$ 146		\$ 233	N/A	-		-	N/A	-	-	-	-
	Lighting*	-		15,909	N/A	\$ 135		\$ 407	N/A	-		2,446	N/A	-	0.18	-	36,691
	Online Marketplace	4,984		6,924	N/A	\$ 502		\$ 764	N/A	658		930	N/A	774	0.00	4,949	7,009
	Subtotal Efficient Products <sup>4</sup>	18,388	1,133,195	41,441	3.66%	\$ 3,215	\$ 21,745	\$ 5,556	25.55%	2,680	65,245	6,718	10.30%	3,154	1.12	29,012	82,464
Existing Homes	Home Performance with Energy Star*	48	1,260	87	6.90%	\$ 480	\$ 8,559	\$ 917	10.71%	72	1,732	148	8.55%	85	0.09	1,260	2,548
	Quick Home Energy Check-Up	391	3,960	653	16.49%	\$ 260	\$ 2,606	\$ 406	15.56%	366	1,881	626	33.27%	431	0.05	5,185	8,830
	Moderate Income Weatherization	140	750	293	39.07%	\$ 419	\$ 6,325	\$ 1,592	25.17%	64	938	129	13.71%	75	0.03	1,192	2,617
Home Energy Education & Management	Behavioral	157,104		157,104	N/A	\$ 329		\$ 631	N/A	2,929		6,245		3,447	2.1	2,929	6,245
	Online Audits	1,297		2,857	N/A	\$ 59		\$ 162	N/A	161		354		189	-	161	354
	Subtotal Home Energy Education & Management <sup>4</sup>	158,401	142,300	159,961	112%	\$ 388	\$ 1,671	\$ 792	47.41%	3,090	25,439	6,600	25.94%	3,637	2.13	3,090	6,600
<b>Total Residential<sup>4</sup></b>	<b>177,368</b>	<b>1,281,465</b>	<b>202,435</b>	<b>15.80%</b>	<b>\$ 4,761</b>	<b>\$ 40,906</b>	<b>\$ 9,262</b>	<b>22.64%</b>	<b>6,271</b>	<b>95,235</b>	<b>14,220</b>	<b>14.93%</b>	<b>7,381</b>	<b>3.41</b>	<b>39,738</b>	<b>103,059</b>	
<b>Business Programs</b>																	
C&I Direct Install	Direct Install*	201	600	327	54.50%	\$ 4,103	\$ 11,007	\$ 8,164	74.17%	4,283	20,322	7,256	35.71%	5,041	1.18	48,391	78,852
	Prescriptive/Custom*	316	335,771	608	0.18%	\$ 4,159	\$ 21,203	\$ 8,827	41.63%	15,105	67,514	30,553	45.25%	17,614	6.40	215,774	435,677
	Energy Management <sup>3</sup>	12	367	25	6.81%	\$ 243	\$ 4,172	\$ 583	13.97%	1,206	10,646	2,089	19.62%	1,417	0.08	10,453	14,923
	Engineered Solutions <sup>3</sup>	-	12	-	0.00%	\$ 35	\$ 6,308	\$ 102	1.62%	-	6,025	-	0.00%	-	-	-	-
<b>Total Busines<sup>4</sup></b>	<b>529</b>	<b>336,750</b>	<b>960</b>	<b>0.29%</b>	<b>\$ 8,540</b>	<b>\$ 42,690</b>	<b>\$ 17,676</b>	<b>41.41%</b>	<b>20,593</b>	<b>104,507</b>	<b>39,898</b>	<b>38.18%</b>	<b>24,072</b>	<b>7.66</b>	<b>274,618</b>	<b>529,452</b>	
<b>Multifamily Programs</b>																	
Multifamily*	HPwES*	-		-	N/A	\$ 2		\$ (5)	N/A	-		-	N/A	-	-	-	-
	Direct Install*	618		877	N/A	\$ 310		\$ 382	N/A	303		416	N/A	357	0.36	3,933	5,363
	Prescriptive/Custom*	17		19	N/A	\$ 10		\$ 12	N/A	106		108	N/A	125	0.0	1,594	1,625
	Engineered Solutions*	-		-	N/A	\$ (8)		\$ 2	N/A	-		-	N/A	-	-	-	-
	Subtotal Multi-Family <sup>4</sup>	635	3,304	896	27.12%	\$ 314	\$ 2,603	\$ 391	15.02%	409	1,671	524	31.36%	482	0.38	5,527	6,988
<b>Other Programs</b>																	
Home Optimization & Peak Demand Reduction <sup>3</sup>	-	11,001	11,640	106%	\$ 530	\$ 2,673	\$ 1,829	68.43%	-	2,739	27	1.00%	-	13.4	-	27	
<b>Total Other<sup>4</sup></b>	<b>-</b>	<b>11,001</b>	<b>11,640</b>	<b>106%</b>	<b>\$ 530</b>	<b>\$ 2,673</b>	<b>\$ 1,829</b>	<b>68.43%</b>	<b>-</b>	<b>2,739</b>	<b>27</b>	<b>1.00%</b>	<b>-</b>	<b>13.4</b>	<b>-</b>	<b>27</b>	
<b>Portfolio Total<sup>4</sup></b>	<b>178,532</b>	<b>1,632,521</b>	<b>215,931</b>	<b>13.23%</b>	<b>\$ 14,145</b>	<b>\$ 88,873</b>	<b>\$ 29,158</b>	<b>32.81%</b>	<b>27,274</b>	<b>204,152</b>	<b>54,669</b>	<b>26.78%</b>	<b>31,935</b>	<b>24.81</b>	<b>319,883</b>	<b>639,527</b>	
Supportive Costs Outside <sup>3,4</sup>						\$ -		N/A									

<sup>1</sup> Subprograms provide relevant forecasts as included in the Company’s approved EE/PDR Plans. Program delivery elements listed as offerings were not forecast in the Company’s EE/PDR Plan and are for informational purposes only.

<sup>2</sup> Annual Forecasted Program Costs reflect values anticipated in Board-approved Utility EE/PDR proposals and may incorporate budget adjustments as provided for in the June 10, 2020 Board Order.

<sup>3</sup> Please note JCP&L’s EE/PDR filing did not include supportive costs outside of portfolio.

<sup>4</sup> Individual line items or totals as listed in Appendix B may slightly differ due to rounding.

<sup>5</sup> Wholesale savings at the gross wholesale level include retail savings plus marginal line losses, using approved line loss factor in utility’s tariff grossed up by 1.5, per the Avoided Cost Methodology in the New Jersey Cost Test.

\* Denotes a core EE offering.

**Appendix C- Energy Efficiency and PDR Savings Summary – LMI**  
For Period Ending PY24Q2

		Participation		Incentive Expenditures (Customer Rebates and Low/no-cost financing)		Ex Ante Energy Savings	
		A	B	C	D	E	F
		Reported Participation Number YTD		Reported Incentive Costs YTD (\$000) <sup>3</sup>		Reported Retail Energy Savings YTD (MWh)	
Residential Programs	Sub Program or Offering	LMI	Non-LMI or Unverified	LMI	Non-LMI or Unverified	LMI	Non-LMI or Unverified
Efficient Products	HVAC	62	2,273	26	939	22	948
	Appliance Rebates	152	15,792	8	544	17	1,994
	Appliance Recycling	13	316	1	18	13	347
	Energy Efficient Kits	-	-	-	-	-	-
	Lighting	-	15,909	-	65	-	2,446
	Online Marketplace	290	6,634	28	638	39	892
	Subtotal Efficient Products <sup>2</sup>	517	40,924	63	2,204	92	6,626
Existing Homes	Home Performance with Energy Star <sup>1</sup>	-	87	-	351	-	148
	Quick Home Energy Check-Up	66	587	18	171	60	566
	Moderate Income Weatherization	153	140	49	749	55	74
Home Energy Education & Management	Behavioral	30,324	126,780	-	-	355	5,890
	Online Audits	145	2,712	-	-	18	336
	Subtotal Home Energy Education & Management <sup>2</sup>	30,469	129,492	-	-	373	6,227
<b>Total Residential<sup>2</sup></b>		<b>31,205</b>	<b>171,230</b>	<b>130</b>	<b>3,476</b>	<b>580</b>	<b>13,641</b>
<b>Multifamily Programs</b>	<b>Sub Program or Offering<sup>1</sup></b>						
Multi-Family	HPwES	-	-	-	-	-	-
	Direct Installation	62	815	11	167	25	391
	Prescriptive/Custom	-	19	0	126	-	108
<b>Other Programs</b>							
Home Optimization & Peak Demand Reduction		320	11,321	33	1,160	1	27
<b>Total Other<sup>2</sup></b>		<b>320</b>	<b>11,321</b>	<b>33</b>	<b>1,160</b>	<b>1</b>	<b>27</b>
<b>Portfolio Total<sup>2</sup></b>		<b>31,587</b>	<b>183,385</b>	<b>174</b>	<b>4,929</b>	<b>605</b>	<b>14,166</b>

<sup>1</sup> Income-qualified customers are directed to participate through the Comfort Partners or Moderate Income Weatherization Programs.

<sup>2</sup> Individual line items or totals as listed in Appendix C may slightly differ due to rounding.

<sup>3</sup> LMI v. Non LMI incentive costs in certain instances may be estimated or may differ slightly from portfolio results as listed in Table 6 due to the recognition of accrued financials at the time of reporting.

**Appendix D- Energy Efficiency and PDR Savings Summary - Business Class**  
For Period Ending PY24Q2

		Participation		Incentive Expenditures (Customer Rebates and Low/no-cost financing)		Ex Ante Energy Savings	
		A	B	C	D	E	F
		Reported Participation Number YTD		Reported Incentive Costs YTD (\$000) <sup>2</sup>		Reported Retail Energy Savings YTD (MWh)	
Business Programs	Sub Program or Offering	Small Commercial	Large Commercial	Small Commercial	Large Commercial	Small Commercial	Large Commercial
C&I Direct Install	Direct Install	327	-	\$ 6,870	\$ -	7,256	-
Energy Solutions for Business	Prescriptive/Custom	505	103	\$ 5,621	\$ 1,565	25,438	5,115
	Energy Management	5	20	\$ 55	\$ 213	277	1,811
	Engineered Solutions	-	-	\$ -	\$ -	-	-
<b>Total Business<sup>1</sup></b>		<b>837</b>	<b>123</b>	<b>\$ 12,546</b>	<b>\$ 1,779</b>	<b>32,972</b>	<b>6,926</b>
<b>Multifamily</b>	<b>Sub Program or Offering</b>						
Multifamily	Prescriptive/Custom	-	-	\$ -	\$ -	-	-
	Engineered Solutions	-	-	\$ -	\$ -	-	-
<b>Other Programs</b>							
Home Optimization & Peak Demand Reduction		-	-	\$ -	\$ -	-	-
<b>Total Other<sup>1</sup></b>							
<b>Portfolio Total<sup>1</sup></b>		<b>837</b>	<b>123</b>	<b>\$ 12,546</b>	<b>\$ 1,779</b>	<b>32,972</b>	<b>6,926</b>

<sup>1</sup>Individual line items or totals as listed in Appendix D may slightly differ due to rounding.

<sup>2</sup>Small Commercial v. Large Commercial incentive costs in certain instances may be estimated or may differ slightly from portfolio results as listed in Table 6 due to the recognition of accrued financials at the time of reporting.

**Appendix E- Annual Report Baseline Calculation**  
**For Period Ending PY24Q2**

Energy Efficiency Compliance Baselines and Benchmarks (MWh)												
Electric Utility	Plan Year	Sales Period	Sales (MWh)	Adjustments (MWh)	Adjusted Retail Sales (MWh)	Compliance Baseline (MWh)	Overall Annual Energy Reduction Target (%)	Overall Annual Energy Reduction Target (MWh)	State-Administered Annual Energy Reduction Target (%)	State-Administered Annual Energy Reduction Target (MWh)	Utility-Administered Annual Energy Reduction Target (%)	Utility-Administered Annual Energy Reduction Target (MWh)
			(A)	(B)	(C) = (A)-(B)	(D) = Average (C)	(E)	(F) = (E) * (D)	(G)	(H) = (G) * (D)	(I)	(J) = (I) * (D)
JCP&L	2021	7/1/20 - 6/30/21	20,231,668	-	20,231,668							
	2022	7/1/21-6/30/22	20,010,108	-	20,010,108							
	2023	7/1/22-6/30/23	19,610,271	-	19,610,271							
	Plan year 2024					19,950,682	1.31%	261,354	0.11%	21,946	0.97%	193,522

**Notes:**

- (A) Includes sales as reported on FERC Form-1, as adjusted for the given sales period (planning year)
- (B) No included adjustments
- (E,G,I) Targets are established in the June 10, 2020 Board Order.