

May 30th, 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 -3<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 third quarter ("Q3") 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>

<sup>&</sup>lt;sup>1</sup> Program Year 2024 runs from July 1, 2023, through December 31, 2024. For the purposes of this and subsequent Program Year 2024 quarterly reports, the quarterly periods are defined as follows: Q1 (7/1-9/30/23); Q2 (10/1- 12/31/23); Q3 (1/1- 3/31/24); Q4 (4/1 - 6/30/24); Q5 (7/1 – 9/30/24); Q6 (10/1 – 12/31/24).

<sup>&</sup>lt;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>&</sup>lt;sup>4</sup> See 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, Order (June 10, 2020). 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 Q3 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	CLEAResult	7/1/2021
Residential	Core	Appliance Rebates	CLEAResult	7/1/2021
Residential	Core	Appliance Recycling	CLEAResult	3/25/2024
Residential	Core	EE Kits	AM Conservation Group	12/1/2021
Residential	Core	Lighting	CLEAResult	7/1/2021
Residential	Core	Online Marketplace	AM Conservation Group	9/15/2021
Residential	Core	Home Performance with ENERGY STAR	CLEAResult	7/1/2021
Residential	Additional	Quick Home Energy Check-up	CLEAResult	9/1/2021
Residential	Additional	Moderate Income Weatherization	CLEAResult	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	CLEAResult	7/1/2021
Multifamily	Core	Multifamily Home Performance with ENERGY STAR	CLEAResult	7/1/2021
Multifamily	Core	Multifamily Prescriptive	CLEAResult	7/1/2021
Multifamily	Core	Multifamily Custom	CLEAResult	7/1/2021
Multifamily	Core	Multifamily Engineered Solutions	CLEAResult	10/1/2021
Other	Additional	Home Optimization & Peak Demand Reduction	Oracle	7/1/2023

The full suite of program offerings delivered through the third quarter produced over 50,193 MWh, or almost 57% 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 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. To date, NEIF has provided \$15,307,576.10 in loans to 1,332 residential customers and \$5,193,820.39 in loans to 144 commercial and industrial customers through JCP&L's programs. During Q3 of PY24, NEIF provided \$2,185,804 in loans to 188 residential customers and \$1,349,515.44 in loans to 41 commercial and industrial customers through JCP&L's programs.

<sup>&</sup>lt;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.

# Statewide Coordination

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 Q3 of PY24, the Joint Utilities have approved Residential and C&I 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—after accounting for inflows and outflows of investments and energy savings transactions between the Lead Utility and a Partner Utility—that have been successfully exchanged.

# **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 700 units of HVAC equipment during Q3 of 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 1,500 appliances during Q3 of PY24. The offering was marketed in retail locations. Customers also continue to take advantage of the Company 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 3,000 appliances.

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

<sup>&</sup>lt;sup>7</sup> The "Partner Utility" is the utility that works through a Lead Utility in providing coordinated program offerings.

Dehumidifiers account for the majority of the savings through the point-of-sale discount offering. Promotional signage is placed in The Home Depot and Lowe's to promote the instant discount offers. The Company completed over 490 store visits throughout Q3 of PY24, placing promotional signage and educating retail employees on rebates available to customers. The Appliance Recycling subprogram was suspended in August 2023 when the previous implementer for this subprogram unexpectedly ceased operations. The Companies have secured CLEAResult as the new implementer and began taking orders for pickups on March 25, 2024, with pickups resuming in April 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 1,978 orders resulting in the sale of over 3,000 products. Smart Thermostats accounted for about 86% of the products sold during the Q3 of 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 26 projects in Q3 of 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 310 audits during Q3 of 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 160 audits that included direct install items, such as LED lighting, smart strips, low flow showerheads, and aerators, during Q3 of PY24. In addition, 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 through email, phone, and on-site visits with a 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 customers. 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 285,319 email reports and 137,799 print reports sent to customers in Q3 of PY24. The reports featured Annual Insights from 2023, Energy Star Appliance promotions and HVAC rebates, as well as seasonally relevant tips on how to save energy.
- Over 1,420 customers completed the Company's Online Audit tool, the Home Energy Analyzer, in Q3 of 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, through Willdan, continues to increase program awareness and participation through 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. During Q3 of PY24, Willdan added Electric Chiller to the eligible measure mix under the Direct Install program and updated the Direct Install tool. 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 continues to be promoted by Willdan through multiple channels, including outbound calling campaigns and outbound mailers. 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. During Q3 of PY24, the Company hosted a second round of building operator certificate training. For this session, the Company mainly recruited participants from school facilities. This session spans three months with four in-person training and four virtual training. Willdan continues to promote availability of financing to above 200 kW customers through JCP&L's financing vendor, NEIF. The financing program provides a loan, for the project cost not covered by incentives, for up to five years at zero percent interest. 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 continues to be promoted by Willdan using a targeted marketing approach to promote this program to municipalities, universities, schools, hospitals and healthcare facilities ("MUSH"). 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. During Q3 of PY24, 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 financing program provides a loan, for the project cost not covered by incentives, for up to five years at zero percent interest. The Company also leveraged internal resources—through customer support representatives and regional external affairs consultants—to promote the program to assigned accounts.

For the C&I Prescriptive and Custom Measure subprogram during Q3 of PY24, it was determined that the eligibility of A-lamps under harvested project expired. To reflect this program change, TRC has updated the program website, incentive guide, mid-stream incentive guide and 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, hosting an in-person quarterly program ally roundtable, and attending outreach events, including two in-person chamber events and one in-person trade show. This quarter, TRC participated in two virtual events—one targeted at retaining existing customers and the second targeted at building owners and operators. TRC also hosted a webinar targeted at the food services industry, "Reduce Costs on your Food Service Equipment with JCP&L's Energy Solutions for Business Program." Every quarter, TRC continues to send out a newsletter that is targeted to program allies. To help customers with capital funding of qualified projects, TRC maintains a link to the Company's financing program. In this quarter, TRC conducted an in-person canvassing in the Sayreville area that falls under the OBC track and engaged with 14 businesses. 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 83 audits at multifamily facilities during Q3 of PY24. During the audit, the contractor may have installed lighting, water measures, and/or smart strips. The Company continues to build relationships with multifamily property managers to fill a pipeline of future projects.

# 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 3 of 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 in the program write-up and subsequent tables. 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	31,262	206	-	31,467				
YTD	86,488	816	27	87,332	19,950,682	0.97%	193,522	45.13%

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

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.

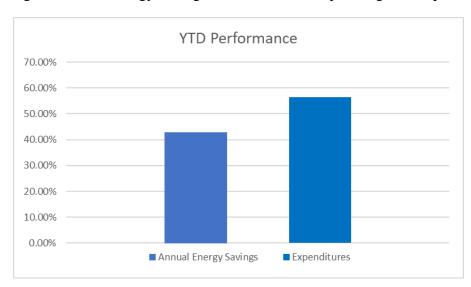


Figure 1: Quarter 3 PY24 performance of Annual Energy Savings and Budget

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

<sup>&</sup>lt;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>&</sup>lt;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>&</sup>lt;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.

# **Table 2 – Quantitative Performance Indicators ("QPIs")**

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 31,262 MWh of annual EE savings and 362,373 MWh of lifetime savings in this period.

		Quarto	er			Year to	Date			<u> </u>
	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 Target <sup>1</sup>	Percent of Annual Target Achieved
Annual Energy Savings										
(MWh)	31,262	206	-	31,467	86,488	816	27	87,332	204,152	43%
Lifetime Savings (MWh)	362,373	3,412	-	365,785	1,149,746	13,335	27	1,163,109	3,654,029	32%
Annual Demand Savings										
(MW)	4.75	0.05		4.80	16.45	0.15	13	29.94		
Low/Moderate-Income Lifetime Savings (MWh) <sup>2</sup>	1,816	3,412	-	5,229	6,489	13,335	1	19,825		
Small Commercial Lifetime										
Savings (MWh) <sup>2</sup>	279,163			279,163	872,322			872,322		

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

# 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 almost 17% 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 1,645 participants in the program. At a measure level, the Company is at 8% of the target through Q3.

#### Multifamily

The Multifamily sector achieved 30% of the PY24 Annual Plan forecast. The Company has a pipeline of work to complete in the balance of PY24.

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

<sup>&</sup>lt;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.

#### Other

The Other sector achieved 106% 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	165,669	210,999	1,281,465	16.47%
Multifamily	83	979	3,304	29.63%
C&I	689	1,645	336,750	0.49%
Other	-	11,640	11,001	105.81%
Reported Totals for Utility Administered Programs <sup>3</sup>	166,441	225,263	1,632,521	13.80%
Comfort Partners <sup>2</sup>	197	704	4,781	N/A
Utility Total <sup>3</sup>	166,638	225,967	1,637,302	N/A

Please note that these values represent totals across all programs within a sector. The appendix shows values for individual programs.

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 33% of its annual Plan budget through the reporting period.

#### Commercial & Industrial Sector

The C&I sector spent 80% of its annual Plan budget through the reporting period.

#### Multifamily Sector

The Multifamily sector spent 26% of its annual Plan budget through the reporting period.

#### Other

The Other sector spent 77% 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.

<sup>&</sup>lt;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.

**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	\$4,251	\$13,513	\$40,906	33.03%
Multifamily	\$286	\$677	\$2,603	26.01%
C&I	\$16,271	\$33,947	\$42,690	79.52%
Other	\$227	\$2,056	\$2,673	76.91%
Reported Totals for Utility Administered Programs <sup>3</sup>	\$21,035	\$50,193	\$88,873	56.48%
Comfort Partners <sup>2</sup>	\$1,073	\$3,567	\$6,170	N/A
Utility Total <sup>3</sup>	\$22,108	\$53,760	\$95,043	N/A

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

# **Annual Energy Savings**

#### Residential Sector

Through Q3 of PY24, the residential sector achieved nearly 25% 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 Q3 of PY24, the C&I sector achieved nearly 60% 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 33% of its annual target.

#### Other

Through Q3 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.

<sup>&</sup>lt;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 Budget" is not calculable for each individual utility.

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

<sup>&</sup>lt;sup>4</sup> Annual targets reflect values as estimated in the Company's EEC Plan.

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	8,636	23,446	95,235	24.62%
Multifamily	27	551	1,671	32.96%
C&I	22,599	62,492	104,507	59.80%
Other	-	27	2,739	1.00%
Reported Totals for Utility Administered Programs <sup>3</sup>	31,262	86,516	204,152	42.38%
Comfort Partners <sup>2,5</sup>	206	816	3,304	N/A
Utility Total <sup>3</sup>	31,467	87,332	207,456	N/A

<sup>&</sup>lt;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.

# 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 about 57% of the PY24 budget.

Table 6 – Annual costs and budget variances by category

Total Utility EE/PDR <sup>1</sup>	Reported YTD Reported (\$000)		ar Budget 000)	Percent of Annual Budget	
Capital Costs	\$ -	\$	-	\$ -	0.00%
Utility Administration	\$ 629	\$	1,704	\$ 3,918	43.49%
Marketing	\$ 104	\$	340	\$ 1,877	18.14%
Outside Services <sup>4</sup>	\$ 2,168	\$	6,270	\$ 14,244	44.02%
Rebates <sup>2</sup>	\$ 16,488	\$	36,413	\$ 54,975	66.24%
No- or Low-Interest Loans	\$ 985	\$	2,938	\$ 9,830	29.89%
Evaluation, Measurement & Verification ("EM&V")	\$ 661	\$	2,527	\$ 3,131	80.70%
Inspections & Quality Control	\$ -	\$	-	\$ 897	0.00%
Utility EE/PDR Total <sup>3</sup>	\$ 21,035	\$	50,193	\$ 88,873	56.48%

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

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

<sup>&</sup>lt;sup>4</sup> Annual targets reflect values as estimated in the Company's EEC Plan.

<sup>&</sup>lt;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.

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

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

<sup>&</sup>lt;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 100 times during Q3 of PY24 for various reasons, such as placing marketing on appliances and educating retailers about available rebates.

#### 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. Similarly, to reach customers located in the above-listed communities, Willdan had undertaken a dedicated call out campaign through their in-house call center plus an outbound mailer campaign.

#### Multifamily

There were 88 units that received direct install measures in Q3 of PY24. They were all located in OBC areas.

<sup>&</sup>lt;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>&</sup>lt;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

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**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%

Professor   Pro	Programs	Sub Program or Offering	Type of Sub Program/Offering	Quarter Over-burdened <sup>1</sup>	Quarter Non-Over- burdened	Overburdened (%)2	Annual Over- burdened	Annual Non-Over- burdened	Overburdened (%)
Professor   Pro	Particpants								
Residential - Efficient Products		HVAC	Core	18	700	3%	124	2,929	4%
Secritical Products		Appliance Rebates	Core	268	4,279	6%	1,278	19,213	6%
Barge Efficient Kim   Core	Residential - Efficient Products		Core	-	-		19	310	6%
Colars Markengase   Cola	Trestaciniai Esticioni Froducto			-	-		=	-	0%
Secret   Product   December   Context   December   Context   Additional   2				-	-				
Seasonal January Bosson									
Modern Drown Warfender   Making   Ma									
Marie   Mar	Residential - Existing Homes								
March Energy Education & Management   Octor Intell   Octor Chemist   Octor Intell   Octor Chemist   Octor Intell   Octor Chemist   Octor Ch									
Part   Managemen   Core	Home Energy Education & Management						,	2,929 19,213 310 14,745 9,343 94 862 395 146,827 4,001 553 28 884 646 33 11,279 48,748 163,363 212,111 1,245 2,603 338 298 2,278 2,864 372 1,248 142 10,230 496 11,229 2,097 43,404 2,89 3 27 67,021 12,144 79,165 19,247 28,532 1,496 3,291 34,174 21,744 5,968 15,639 2,833 10,230 496 272,594 8,407 627,779 3,724 526 27 1,027,007	7%
Penergeno-Chatton   Orce	C&I Direct Install	Direct Install	Core	39	265	13%	78	553	12%
Penergino Colonio   Penergino Colonio   Core   3   33   228   100   844   344   346   338   346   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   346   348   3		Energy Management	Core	-	5	0%	2	28	7%
Maintanainy   Pescapero Cistom   Oze	Energy Solutions for Business		Core	47	333	12%	100	884	10%
Perscripted-station   Core	Multifornily	Direct Install	Core	3	80	4%	314	646	33%
Total Core Participation	Multiramily	Prescriptive/Custom	Core	-	-	0%	16	3	84%
Total Additional Presicienting   8,678   148,623   69   9,300   163,355   5.55	Home Optimization & Peak Demand Reduct	ion	Additional	-	-	5%	362	11,279	3%
Manual Exercy Solves			Total Core Participation <sup>6</sup>	585	8,553	6%	3,772	48,748	7%
April   Apri									5%
Professional Products			Total Participation <sup>6</sup>	9,263	157,178	6%	13,152	212,111	6%
Agrilance Revision   Core   43   711   616   122   2.003   616					ı			1	
Replice Reversing Frobins									4%
Revisitaria - Efficient Poolatic   Success   Core   Core		**		43	711				6%
Lighting   Core   28   1.996   118   2.278   2.78	Residential - Efficient Products			-	-		23		
Online Markerplace   Core   28   1.996   18   90   2.866   33   328   33   328   33   328   33   328   33   328   33   328   33   328   33   328   33   328   33   328   33   328   33   34   34   32   328   34   34   32   328   34   34   34   32   328   34   34   34   32   328   34   34   34   32   328   34   34   34   34   34   34   34   3	Residential - Efficient Products  desidential - Existing Homes  Home Energy Education & Management  C&I Direct Install			-	-		-		
Home Performance with Exercy Star   Core   3   258   18   37   372   99				-	-			· · · · · · · · · · · · · · · · · · ·	
Package   Pack									
Moderate Income Weatherization	1								
Heme Energy Education & Management   Delicational   Delicational	Residential - Existing Homes								
Home Energy Education & Management on Line Auditis									
Part									7%
Part	C&I Direct Install	Direct Install	Core	548	4 731	10%	1 307	11 229	10%
Pescriptive Custom   Core   2,066   15,042   12%   4,252   43,404   99     Multifamily   Direc Install   Core   0   26   15   154   289   359     Home Optimization & Peak Demand Reduction   Additional   2   0   0   0   0   0   0   0     Total Additional Annual Energy Savings   2,097   28,265   10%   6,549   67,021   99     Total Additional Annual Energy Savings   2,097   28,265   10%   6,549   67,021   99     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   79,165   388     Total Additional Annual Energy Savings   2,097   28,265   10%   7,351   7,916   28,301     Total Additional Annual Energy Savings   2,097   28,265   2,097     Total Core   2,111   15,202   1%   680   2,114   2,097     Total Core   2,111   15,202   1%   680   2,114   2,097     Total Additional Annual Energy Savings   2,097   2,097   2,097     Total Core   2,111   2,097   2,097   2,097   2,097     Total Core   3,097   3,097   2,097   2,097   2,097   2,097     Total Core   3,097   3,097   3,097   3,097   3,097     Total Core   3,097   3,097   3,097   3,097   3,097   3,097     Total Core   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,097   3,0				-				· · · · · · · · · · · · · · · · · · ·	9%
Multifamily Core Multifamily Multifamily Core Multifamily Multifamily Multifamily Core Multifamily Mu	Energy Solutions for Business			2,066		12%			9%
Prescriptive Custom   Core	M. dei C	Direct Install	Core	0	26	1%	154	13,152         212,111           48         1,245           162         2,603           23         338           -         298           168         2,278           90         2,864           37         372           91         1,248           48         142           628         10,230           35         496           1,307         11,229           202         2,097           4,252         43,404           4,254         289           105         3           1         27           6,549         67,021           802         12,144           7,351         79,165	35%
Total Core Participation	Mutuamiy	Prescriptive/Custom	Core	-	-	0%	105	19,213 310 - 14,745 3 9,343 94 862 395 146,827 4,001 553 28 884 646 63 3 11,279 48,748 163,363 212,111 1,245 2,603 338 298 2,278 2,278 1,248 142 10,230 496 11,229 2,2097 43,404 289 3 3 27 67,021 12,144 79,165 11,246 12,457 28,532 14,494 15,663 3,291 34,174 21,496 3,291 34,174 21,796 3,291 34,174 31,794 31,7	97%
Total Additional Annual Energy Savings   303   4,970   6%   802   12,144   69   68   7,351   79,165   88   88   88   88   88   88   88	Home Optimization & Peak Demand Reduct	ion	Additional	-	-	0%	1	27	3%
Total Annual Energy Savings   2,997   28,265   10%   7,351   79,165   89   100   1			Total Core Participation <sup>6</sup>	2,694	23,295	10%	6,549	67,021	9%
HAC Core 73 5,011 1% 739 19,247 4% 7,586 6% 1.771 28,532 69 Appliance Rebates Core 448 7,586 6% 1.771 28,532 69 Appliance Recycling Core 5 1 0% 99 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 69 1,496 69 1,496 69 69 1,496		Total Ad	ditional Annual Energy Savings <sup>6</sup>	303	4,970	6%	802	12,144	6%
HVAC   Core   73   5,011   1%   739   19,247   49			Total Annual Energy Savings <sup>6</sup>	2,997	28,265	10%	7,351	79,165	8%
Appliance Rebates   Core   448   7,586   6%   1,771   28,532   69     Appliance Recycling   Core   -   -   0%   99   1,496   69     Energy Efficient Kits   Core   -   -   0%   -   3,291   09     Energy Efficient Kits   Core   -   -   0%   -   3,291   09     Appliance Recycling   Core   -   -   0%   -   3,291   09     Appliance Recycling   Core   -   -   0%   -   3,291   09     Appliance Recycling   Core   -   -   0%   -   3,291   09     Appliance Recycling   Core   -   11   15,202   1%   680   21,744   39     Appliance Residential Fixed Principles   Core   211   15,202   1%   680   21,744   39     Appliance Recycling   Core   211   15,202   1%   680   21,744   39     Appliance Recycling   Core   29   3,974   2%   647   5,968   109     Appliance Recycling   Additional   268   942   22%   994   2,283   269     Appliance Recycling   Additional   268   942   22%   994   2,283   269     Appliance Recycling   Additional   250   4,071   6%   628   10,230   69     Appliance Recycling   Additional   212   166   7%   35   446   79     Additional   27   28   29   29   20   20   20     Appliance Recycling   Additional   27   28   29   29   20   20     Appliance Recycling   Additional   27   28   29   20   20   20     Appliance Recycling   Additional   27   28   29   29   20   20     Appliance Recycling   Additional   28   29   29   20   20   20     Appliance Recycling   Additional   28   29   20   20   20   20     Appliance Recycling   Additional   28   29   20   20   20   20     Appliance Recycling   Additional   28   29   20   20   20   20     Appliance Recycling   Additional   28   29   20   20   20   20   20     Appliance Recycling   Additional   28   29   20   20   20   20   20   20     Appliance Recycling   Additional   28   29   20   20   20   20   20   20   20	Lifetime Energy Savings								
Residential - Efficient Products		HVAC	Core	73	5,011	1%	739	19,247	4%
Residential - Efficient Products   Energy Efficient Kits   Core		Appliance Rebates		448	7,586				6%
Energy Efficient Kits   Core   -   -   0%   -   3.291   09	Residential - Efficient Products	** * *		-	-		99	·	6%
Online Marketplace   Core   211   15,202   1%   688   21,744   39				-	-		-		0%
Home Performance with Energy Star   Core   92   3,974   2%   647   5,968   10%				-	-				7%
Residential - Existing Homes   Quick Home Energy Check-Up   Additional   355   7.685   4%   1,230   15,639   79									3%
Moderate Income Weatherization   Additional   268   942   22%   994   2.833   269									10%
Home Energy Education & Management   Behavioral   Additional   250   4,071   6%   628   10,230   69	Residential - Existing Homes								7%
Online Audits   Online Audits   Additional   12   166   7%   35   496   79									
C&I Direct Install         Direct Install         Core         6,903         61,154         10%         15,661         272,594         59           Energy Solutions for Business         Energy Management         Core         -         1,239         0%         2,655         8,407         24%           Prescriptive/Custom         Core         30,542         215,882         12%         62,367         627,779         9%           Multifamily         Direct Install         Core         4         305         1%         1,947         3,724         34%           Home Optimization & Peak Demand Reduction         Additonal         -         -         0%         1,573         52         97%           Total Core Participation         38,275         310,351         11%         90,654         1,027,007         8%           Total Additional Lifetime Energy Savings         883         12,863         6%         2,888         29,225         9%									
Energy Management   Core   -   1,239   0%   2,655   8,407   24%									
Prescriptive/Custom   Core   30,542   215,882   12%   62,367   627,779   99				6,903					
Multifamily   Direct Install   Core   4   305   1%   1,947   3,724   34%	Energy Solutions for Business			20.542					
Prescriptive/Custom   Core   0%   1,573   52   97%		•							
Home Optimization & Peak Demand Reduction         Additional         -         -         0%         1         27         39           Total Core Participation <sup>6</sup> 38,275         310,351         11%         90,654         1,027,007         89           Total Additional Lifetime Energy Savings <sup>6</sup> 883         12,863         6%         2,888         29,225         99	Multitamily			4	303				
Total Core Participation <sup>6</sup> 38,275         310,351         11%         90,654         1,027,007         89           Total Additional Lifetime Energy Savings <sup>6</sup> 883         12,863         6%         2,888         29,225         99		-		-					
Total Additional Lifetime Energy Savings 883 12,863 6% 2,888 29,225 99	Home Optimization & Peak Demand Reduct	ion		-	-				3%
		T-6.1 A 11'.							8%
			otal Lifetime Energy Savings <sup>6</sup>	39,158	323,215	11%	93,541		8%

<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 (<a href="https://www.nj.gov/dep/ej/communities.html">www.nj.gov/dep/ej/communities.html</a>). 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 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,

Diane L. Rapp

Diane L. Ropp

Manager, Energy Efficiency Reporting

# **Appendix A – Participant Definitions**

NJ Pro		Participants (as lead utility)
	HVAC	Sum of HVAC units (multiple units per customer, counts as multiple participants)
	ITVAC	Sum of rivac 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)
Efficient Products	Mid-Stream Products	Quantity of units sold (based on SKU) - net of returns (negative in current period)
Emdent Froducts	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)
	Home Performance with Energy Star	Count of completed HPwES projects
Existing Homes	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).
Home Energy Education & Management	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
	Prescriptive/Custom	Count based on number of applications/projects completed, not account number
Energy Solutions for Business	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
	HPWES	Count of completed HPwES projects
B.A. History il.	Direct Install	Count based on number of projects completed (see approach)
Multifamily	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 Optimizationn and Peak Demand Reduction	Count based on each Smart Thermostat enrolled in the program
	I	16

# Appendix B – Energy Efficiency and PDR Savings Summary For Period Ending PY2403

			Participatio	ın										Ante Energy Savings			
		А	В	c	D=C/B	E	F	G	H=G/F	- 1	1	К	L=K/J	М	N	0	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)5	YTD Peak Demand Savings (MW)	Current Quarter Lifetime Retail Energy Savings (MWh)	YTD Lifetime Retail Energy Savings (MWh)
Residential Programs	Sub Program or Offering <sup>1</sup>																
	HVAC*	718		3,053	N/A	\$ 1,082		\$ 3,885	N/A	324		1,294	N/A	381	0.60	5,084	19,986
	Appliance Rebates*	4,547		20,491	N/A	\$ 453		\$ 1,614	N/A	754		2,765	N/A	888	0.54	8,034	30,303
	Appliance Recycling*	-		329	N/A	\$ 128		\$ 315	N/A	-		361	N/A	-	0.06	-	1,594
Efficient Products*	Energy Efficient Kits*	-		-	N/A	\$ 95		\$ 328	N/A	-		298	N/A	-	0.03	-	3,291
	Lighting*	-		15,909	N/A	\$ 138		\$ 544	N/A	-		2,446	N/A	-	0.18	-	36,691
	Online Marketplace	3,075		10,001	N/A	\$ 516		\$ 1,280	N/A	2,024		2,954	N/A	2,382	0.01	15,413	22,424
	Subtotal Efficient Products <sup>4</sup>	8,340	1,133,195	49,783	4.39%	\$ 2,410	\$ 21,745	\$ 7,966	36.63%	3,102	65,245	10,118	15.51%	3,651	1.41	28,532	114,288
	Home Performance with Energy Star*	26	1,260	113	8.97%	\$ 660	\$ 8,559	\$ 1,576	18.42%	262	1,732	410			0.12	4,066	6,614
Existing Homes	Quick Home Energy Check-Up	310		963		\$ 278				713					0.11		16,869
	Moderate Income Weatherization	248		541		\$ 516			33.32%	61					0.04		3,827
Home Energy Education & Management	Behavioral	155,317		155,317	N/A	\$ 320		\$ 951	N/A	4,321		10,858		5,086	2.4	4,321	10,858
	Online Audits	1,428		4,282	N/A	\$ 67		\$ 229		177		531		208	-	177	531
	Subtotal Home Energy Education & Management <sup>4</sup>	156,745		159,599	112%	\$ 387	\$ 1,671			4,498	25,439		44.77%		2.35		11,389
Total Residential <sup>4</sup>	, i	165,669		210,999	16.47%	\$ 4,251			33.03%	8,636	95,235		24.62%	1	4.03		152,987
		105,005	1,202,405	220,555	2014770	4,251	40,500	Ų 15,515	55.0570	0,030	35,255	25,440	24.02/0	10,104	4.05	40,545	132,307
Business Programs	Sub Program or Offering <sup>1</sup>																
C&I Direct Install	Direct Install*	304	600	631	105.17%	\$10,925	\$11,007	\$19,089	173.43%	5,280	20,322	12,536	61.69%	6,215	2.16	68,057	288,254
Col Direct Histori	Prescriptive/Custom*	380		984		\$5,118	\$21,203			17,109	67,514		70.59%		9.72	246,424	690,145
Energy Solutions for Business	Energy Management	500	,	30		\$190	\$4,172	\$773		211	10,646	2,300	21.60%		0.13	1,239	11,062
Lifergy Solutions for business	Engineered Solutions	-	12	-	0.00%	\$38	\$6,308				6,025		0.00%		0.13	1,233	11,002
Total Busines <sup>4</sup>	Engineered Solutions	689		1,645	0.49%	\$ 16.271				22,599	104,507	62,492			12.02		989,461
Total Busines		689	336,750	1,645	0.49%	\$ 16,2/1	\$ 42,690	\$ 33,947	79.52%	22,599	104,507	62,492	59.80%	26,437	12.02	315,719	989,461
Multifamily Programs	Sub Program or Offering <sup>1</sup>																
	HPwES*			-	N/A	\$ 7		\$ 2	N/A	-			N/A	-		-	
	Direct Install*	83		960	N/A	\$ 101		\$ 483				443	,		0.38		
Multifamily*	Prescriptive/Custom*	-		19	N/A	\$ 177		\$ 189				108	,		0.02	-	1,625
The state of the s	Engineered Solutions*				N/A	\$ 1		\$ 3	N/A			- 100	N/A		0.02	-	1,023
	Subtotal Multi-Family <sup>4</sup>	83	3,304	979		\$ 286	\$ 2.603	\$ 677		27	1.671				0.39	309	7,297
Other Programs	Subtotal Multi-1 allilly	03	3,304	3/3	29.63%	200	2,003	y 0//	20.01%	27	1,071	551	32.90%	32	0.39	309	7,297
			11,001	11,640	1000	\$ 227	\$ 2,673	\$ 2,056	76 010/		2,739	27	1.00%		12.4		27
Home Optimization & Peak Demand Reduction					106%				76.91%	-					13.4		27
Total Other <sup>4</sup>			11,001	11,640	106%	\$ 227	\$ 2,673	\$ 2,056	76.91%	-	2,739	27	1.00%	-	13.4	-	27
Portfolio Total <sup>4</sup>		166,441	1,632,521	225,263	13.80%	\$ 21,035	\$ 88,873	\$ 50,193	56.48%	31,262	204,152	86,516	42.38%	36,633	29.80	362,373	1,149,773
Supportive Costs Outside 3,4							\$ -		N/A								

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

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

<sup>&</sup>lt;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.

<sup>\*</sup> Denotes a core EE offering.

# Appendix C- Energy Efficiency and PDR Savings Summary – LMI For Period Ending PY24Q3

		Pa	rticipation	Incentive Ex (Customer Reba cost fin	tes and Low/no-	Ex Ante Ene	ergy Savings	
		A	В	С	D	E	F	
		Reported Part	icipation Number YTD	Reported Incen		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	
	HVAC	79	2,974	33	1251	24	1,269	
	Appliance Rebates	224	20,267	13	754	25	2,740	
	Appliance Recycling	13	316	1	18	13	347	
Efficient Products	Energy Efficient Kits	-	-	-	-48	-	298	
Online Marketplace 438 9,56	Lighting	-	15,909	-	65	-	2,446	
		438	9,563	42	818	59	2,896	
	49,029	88	2859	122	9,996			
	Home Performance with Energy Star <sup>1</sup>	=	113	-	208	-	410	
Existing Homes	Quick Home Energy Check-Up	83	880	23	214	76	1,263	
	Moderate Income Weatherization	541	-	1186	0	54 25 18 13 48 - 65 - 18 59 59 122 08 - 14 76 0 190 - 293 - 26 - 319	-	
	Behavioral	29,699	125,618	-	-	293	10,565	
Home Energy Education &	Online Audits	212	4,070	-	-	26	505	
Management	Subtotal Home Energy Education & Management <sup>2</sup>	29,911	129,688	-	-	319	11,070	
Total Residential <sup>2</sup>		31,289	179,710	1297	3280	707	22,739	
Multifamily Programs	Sub Program or Offering <sup>1</sup>							
	HPwES	-	-	-	-	-	-	
Multi-Family	Direct Installation	102	858	22	177	36	407	
	Prescriptive/Custom	-	19	0	126	-	108	
Other Programs								
Home Optimization & Peak	Demand Reduction	320	11,321	33	1160	1	27	
Total Other <sup>2</sup>		320	11,321	33	1160	1	27	
2								
Portfolio Total <sup>2</sup>		31,711	191,907	1,352	4,744	743	23,281	

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

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

<sup>&</sup>lt;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 PY24Q3 $\,$

		Partic	Participation			ditures (Customer /no-cost financing)	Ex Ante Energy Savings		
	А	В	С		D	E	F		
		Reported Particip	Reported Participation Number YTD			e Costs YTD (\$000)²	Reported Retail Energy Savings YTD (MWh)		
Business Programs	Sub Program or Offering	Small Commercial	Large Commercial		mall mercial	Large Commercial	Small Commercial	Large Commercial	
C&I Direct Install	Direct Install	631	-	\$	16,991	\$ -	12,536	-	
Energy Solutions for Business	Prescriptive/Custom	3	981	\$	19	\$ 11,426	119	47,537	
	Energy Management	5	25	\$	99	\$ 258	234	2,066	
	Engineered Solutions	-	-	\$	-	\$ -	-	-	
Total Business <sup>1</sup>		639	1,006	\$	17,109	\$ 11,684	12,890	49,602	
Multifamily	Sub Program or Offering								
Multifamily	Prescriptive/Custom	-	-	\$	-	\$ -	-	-	
	Engineered Solutions	-	-	\$	-	\$ -	-	-	
Other Programs									
Home Optimization & Peak Demand Reduction		-	-	\$	-	\$ -	-	-	
Total Other <sup>1</sup>									
Portfolio Total <sup>1</sup>		639	1,006	\$	17,109	\$ 11,684	12,890	49,602	

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

<sup>&</sup>lt;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 PY24Q3

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)
			( <b>A</b> )	<b>(B)</b>	(C) = (A)-(B)	(D) = Average (C)	(E)	(F) = (E) * (D)	(G)	(H) = (G) * (D)	<b>(I)</b>	$(\mathbf{J}) = (\mathbf{I}) * (\mathbf{D})$
T CD O I	2024	5/1/00 c/00/01	20.221.550		20.221.550							
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.