

November 30, 2023

#### 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 – 1<sup>st</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 "Company") hereby files its Quarterly Progress Report for first quarter ("Q1") Program Year 2024<sup>1</sup> ("PY24") 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"),² and providing new expanded EE opportunities for the Company's customers. JCP&L developed its EnergySaveNJ website,³ 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 NJ Board of Public Utilities' June 10, 2020 Order.<sup>4</sup>

<sup>&</sup>lt;sup>1</sup> Program Year 2024 runs from July 1, 2023, through June 30, 2024. 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>&</sup>lt;sup>2</sup> The Joint Utilities include Atlantic City Electric, New Jersey Natural Gas, 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>&</sup>lt;sup>3</sup> http://www.energysavenj.com/

<sup>&</sup>lt;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, Docket No. 19010040. Capitalized terms not otherwise defined herein have the same meaning as used in this Ord

JCP&L offered all program elements scheduled for launch through Q1 of PY24 of its 2021-2024 Triennial Energy Efficiency and Conservation Plan<sup>5</sup> ("EEC Plan" or "Plan"), as shown in the following table. JCP&L utilizes Third Party Implementation Contractors ("TPIC") 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	ARCA	7/1/2021
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 and Peak Demand Reduction	Oracle	6/1/2023

The full suite of program offerings delivered in Q1 produced 27,562 MWh, or almost 14% of 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 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 Commercial & Industrial Direct Install program with Prescriptive and Custom segments of the Energy Solutions for Business program. Program to date, NEIF has provided \$10,168,135.30 in loans to 897 residential customers and \$2,589,250.62 in loans to 74 commercial and industrial customers through JCP&L's programs. Q1PY24 NEIF has provided \$3,684,819.77 in loans to 320 residential customer and \$692,934.87 in loans to 20 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), Docket No. EO20090620.

<sup>&</sup>lt;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 intake) and leads on the calculation of savings, disbursements of rebates, or incentives and customer financing options, as applicable.

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

The 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 Q1 PY24, all 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 Multi-family programs is progressing. As discussed during Utility Working Group meetings, 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 Q1 PY24, JCP&L received its first batch of invoices as a Partner, and 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 1,200 units of HVAC equipment during Q1 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, bill inserts, and through the Company's Online Audit tool.
- The Appliance Rebates offering processed rebates for over 2,000 appliances during Q1 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 our territory. Since its inception, customers have received instant discounts on over 1,200 appliances. Promotional signage was placed in The Home Depot and Lowe's to promote the instant discount offers. The Company completed over 700 store visits throughout Q1 PY24, placing promotional signage and educating retail employees on rebates available to customers.

- The Company responsibly picked up and recycled 343 refrigerators and freezers and 55 room air conditioners and dehumidifiers through the Appliance Recycling offering in Q1 PY24. This offering was marketed to customers through the Company website, bill inserts, paid search ads, social media posts, e-mails, in retailers, and in the Company's Online Audit offering. On August 3<sup>rd</sup>, the vendor for this program, ARCA Recycling Inc. abruptly cancelled all scheduled pick-ups nationwide due to financial difficulties. This program has been suspended until an alternative vendor can be secured.
- Customers purchased and received instant discounts on over 15,900 packages of high-efficient lighting in retail locations throughout the Company's service territory during the reporting period. The Lighting offering ended in July 2023 due to the implementation of State Law A5160 and the Federal Energy Independence and Security Act (EISA).
- The Company's Online Marketplace received over 1,200 orders resulting in the sale of over 1,900 products. Smart Thermostats accounted for 87% of the products sold during Q1 PY24. The Company ran multiple promotions during this period to promote the sales of smart thermostats, air purifiers, and smart strips. 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 ("HPwES") subprogram completed 39 projects in Q1 PY24. The Company participates in a monthly meeting with the other NJ utility technical teams and contractors on an as needed basis to support this program. This subprogram was marketed through display ads on the internet, in the Company's Online Audit tool, through bill inserts.
- The Quick Home Energy Check-up ("QHEC") subprogram performed 262 audits during Q1 PY24. The program was marketed through bills inserts, post cards and emails, display ads on internet searches, in the Company's Online Audit tool, and in Home Energy Reports. As part of the QHEC, customers had items installed in their homes such as LED lighting, smart strips, low flow showerheads, aerators, and pipe wrap. At the conclusion of each audit, the contractor educated customers on steps to take to conserve energy in their homes, and other programs offered by JCP&L.
- The Moderate-Income Weatherization subprogram completed 61 audits that included direct install items, such as LED lighting, smart strips, low flow showerheads, aerators, etc. during Q1 PY24. While performing the initial audit, contractors identify comprehensive measures that would be beneficial for a customer's energy usage, and fixed health and safety barriers needing correction prior to additional work being completed in the home. There were also 97 completed projects that included the installation of measures such as insulation and air sealing. 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 energy efficiency 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 to develop goals and strategies to reduce their energy use. Home Energy Reports target customer engagement, education, and awareness of JCP&L's energy efficiency programs. There were 332,976 email reports and 154,440 print reports sent to customers in Q1, of the program year. 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 1,560 customers completed the Company's Online Audit tool, the Home Energy Analyzer, in Q1 of the program year. 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 energy efficiency programs offered by JCP&L.

#### Commercial & Industrial Sector

The Company and its TPICs focused on delivering programs and educating customers and contractors on the JCP&L suite of Commercial & Industrial ("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 energy efficiency 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 5 years. To increase program awareness and participation, Willdan continued its outreach and marketing campaigns through multiple channels, by on-boarding over 40 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 over 3,000 eligible customers. The new incentive structure that utilities adopted at the start of PY23 has continued to build momentum in this program. In this quarter, the Company added four (4) new measures that are expected to bring in additional savings and new participants. Also, to comply with the updates to the Federal Energy and Water Conservation Standards, Willdan updated the HVAC eligibility requirements. As a courtesy services for our 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/Opportunity Zones/Urban Enterprise Zones, Willdan has refined its dedicated out-bound call campaign through their 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 commercial and industrial 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: a) HVAC Tune-Up; b) Building Tune-Up; c) Retro-Commissioning; d) Building Operation Training; e) Strategic Energy Management. The Company did not implement any updates to this program through Q1 PY24. 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 Program Ally Application. Willdan actively promotes this subprogram through multiple marketing channels 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. JCP&L is actively working with other EDCs/GDCs to develop and deliver Building Operation Training to all customers. Willdan continues to promote availability of financing to above 200

- KW customers through our 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.
- Energy Solutions for Business-Engineered Solutions: This subprogram provides tailored energy- efficiency 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 energy efficiency measures that could be economically installed with no up-front funding from the customer. The Company did not implement any updates to this program through Q1 of PY24. 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 actively promotes this subprogram through multiple marketing channels, including through its list of participating program allies, to customers above 200 kW demand. Willdan continues to promote availability of financing to above 200 KW customers through our 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 energy efficient 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 select energy efficient products and services. Measures supported by the subprogram include energy efficient 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 our customers, TRC created a list of participating program allies on the program website. Customers are able to search by program ally name or business type. In this quarter, based on the feedback received from participating lighting distributors in our midstream offerings, the Company increased the incentive cap from \$7,500 to \$25,000. This is expected to increase participation and bring in additional energy savings. In this quarter, the Company made a couple of updates to the program. To comply with the NJ law A5160, TRC removed certain categories of LED lamps from the consolidated measures list. Also, to comply with the updates to the Federal Energy and Water Conservation Standards, TRC updated the HVAC eligibility requirements. 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, attending outreach events including three in-person chamber events, and developing new marketing materials. To continue to engage program allys, TRC hosted a program ally appreciation event and an in-person program ally's roundtable this quarter. At the program ally's appreciation event, TRC recognized and presented awards to top performing program allys in multiple categories. Every quarter, TRC continues to send out a newsletter that is targeted to program allys. To help customers with capital funding of qualified projects, TRC added a link to the Company's financing program and hosted a representative from the financing team at the in-person program ally's roundtable event. To better meet the needs of non-English speaking customers, TRC translated program FAQs, Incentive Guide and Quick Reference Guide into Spanish. TRC also translated the program website to Spanish. To reach customers located in the Overburdened Communities (OBC)/Opportunity Zones (OZ)/Urban Enterprise Zones (UEZ), as designated by the NJ Dept. of Environmental Protection (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 10 refrigerators and freezers and 1 Room Air Conditioner through the C&I Appliance Recycling offering during the quarter.

#### Multifamily Sector

The Multifamily Direct Install program performed 260 audits during Q1 of PY24. During the audit, the contractor educated customers on other program offerings and opportunities to save energy and installed energy saving majors like LED lighting, faucet aerators, and low flow showerheads. The Company continues to build relationships with multifamily property managers to fill a pipeline of future projects. JCP&L also participated in 6 community events with 3 being in OBC areas in Ocean County.

## Other Programs

The Company launched the Home Optimization & Peak Demand Reduction program, marketed to customers as Energy Savings Rewards, in June 2023. Over 8,000 customers enrolled 12,200 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 1st – September 30th. There were four events called during the reporting period on July 26<sup>th</sup>, July 27<sup>th</sup>, September 5<sup>th</sup>, and September 6<sup>th</sup>.

Customers also received an additional \$25 in October for their participation during the demand response season.

## Table 1 – Quarter 1 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 those utilities that have other programs it should be noted.

The Board's June 10, 2020 CEA Order established specific Utility energy use reduction requirements for PY24 at 0.98% 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	27,562	817	1	28,380					
YTD	27,562	817	-	28,380	19,950,682	0.98%	195,517	14.52%	

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

<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 Clean Energy Act (CEA) energy efficiency programs or Comfort Partners, such as legacy programs and pilots.

<sup>&</sup>lt;sup>5</sup>NJ Comfort Partners savings is understated due to recently transitioning the data system of record. Savings true-up anticipated with Q2 reporting. 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.

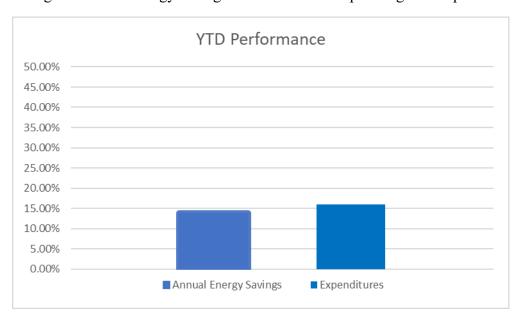


Figure 1: Quarter 1 PY24 performance of Annual Energy Savings and Budget

## Table 2 – Quantitative Performance Indicators ("QPI's")

Table 2 provides the results of the QPIs for all programs for which 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 energy efficiency programs administered by JCP&L that were authorized or funded by or through a prior filing or authorization ("Other Programs").

As shown in the following table, JCP&L achieved 27,562 MWh of annual energy efficiency savings and 319,799 MWh of lifetime savings in this period.

		Quarte	er			Year to	Date			
	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)	27,562	817		28,380	27,562	817		28,380	204,152	14%
Lifetime Savings (MWh)	319,799	17,519		337,318	319,799	17,519		337,318	3,654,029	9%
Annual Demand Savings										
(MW)	4.26	0.24		4.50	4.26	0.24		4.50		
Low/Moderate-Income										
Lifetime Savings (MWh) <sup>2</sup>	4,855	17,519		22,374	4,855	17,519		22,374		
Small Commercial Lifetime										
Savings (MWh)	218,649			218,649	218,649			218,649		

<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 Staff for adjustments during this period. Participation details are listed below for the various sectors.

#### **Participation**

#### Residential Sector

The Residential sector achieved 14% 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 Commercial & Industrial 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 431 participants in the program. At a measure level, the Company is at less than 1% of the target through Q1.

#### Multifamily

The Multifamily sector achieved 8% 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>NJ Comfort Partners savings is understated due to recently transitioning the data system of record. Savings true-up anticipated with Q2 reporting.

**Table 3– Sector-Level Participation** 

Sector <sup>1</sup>	Quarter Participants	YTD Participants	Annual Forecasted Participants <sup>4</sup>	Percent of Annual Forecast
Residential	186,072	184,253	1,281,465	14.38%
Multifamily	260	260	3,304	7.87%
C&I	431	431	336,750	0.13%
Reported Totals for Utility Administered Programs <sup>3</sup>	186,763	184,944	1,621,520	11.41%
Comfort Partners <sup>2</sup>	262	262	4,781	N/A
Utility Total <sup>3</sup>	187,025	185,206	1,626,301	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 11% of its annual Plan budget through the reporting period.

#### Commercial & Industrial Sector

The Commercial & Industrial sector spent 21% of its annual Plan budget through the reporting period.

#### Multifamily Sector

The Multifamily sector spent 3% of its annual Plan budget through the reporting period.

**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	\$4,501	\$4,501	\$40,906	11.00%
Multifamily	\$77	\$77	\$2,603	2.95%
C&I	\$9,136	\$9,136	\$42,690	21.40%
Reported Totals for Utility Administered Programs <sup>3</sup>	\$13,714	\$13,714	\$86,200	15.91%
Comfort Partners <sup>2</sup>	\$629	\$629	\$6,170	N/A
Utility Total <sup>3</sup>	\$14,343	\$14,343	\$92,370	N/A

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

<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.

<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>&</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.

## **Annual Energy Savings**

## Residential Sector

Through Q1 of PY24, the residential sector achieved nearly 9% 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 Q1 of PY24, the Commercial & Industrial sector achieved nearly 18% 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 7% of its annual target.

**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	8,145	8,145	95,235	8.55%
Multifamily	113	113	1,671	6.78%
C&I	19,304	19,304	104,507	18.47%
Reported Totals for Utility Administered Programs <sup>3</sup>	27,562	27,562	201,413	13.68%
Comfort Partners <sup>2,5</sup>	817	817	3,304	N/A
Utility Total <sup>3</sup>	28,380	28,380	204,717	N/A

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

<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 understated due to recently transitioning the data system of record. Savings true-up anticipated with Q2 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 17% 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)		ear Budget 6000)	Percent of Annual Budget	
Capital Costs	\$	-	\$ -	\$ -	0.00%
Utility Administration	\$	572	\$ 572	\$ 3,918	14.59%
Marketing	\$	104	\$ 104	\$ 1,877	5.55%
Outside Services <sup>4</sup>	\$	1,806	\$ 1,806	\$ 14,244	12.68%
Rebates <sup>2</sup>	\$	10,621	\$ 10,621	\$ 54,975	19.32%
No- or Low-Interest Loans	\$	963	\$ 963	\$ 9,830	9.79%
Evaluation, Measurement & Verification ("EM&V")	\$	949	\$ 949	\$ 3,131	30.29%
Inspections & Quality Control	\$	-	\$ -	\$ 897	0.00%
Utility EE/PDR Total <sup>3</sup>	\$	15,013	\$ 15,013	\$ 88,873	16.89%

<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> 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 ("OBC") 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>9</sup> and metrics reported herein reflect further direction from BPU Staff. <sup>10</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 energy efficiency 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 Q1 PY24 for various reasons, such as placing marketing on appliances and educating retailers about available rebates. The Company also participated in 3 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 OBC/Opportunity Zones (OZ)/Urban Enterprise Zones (UEZ), as designated by the NJ Dept. of Environmental Protection (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 3 projects completed at OBC facilities in Q1 PY24. There were 138 units that received direct install measures.

<sup>9</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>10</sup> Per guidance from BPU Staff, Overburdened Communities 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 Accounts3	104,106	885,957	11%
# of Business Accounts3	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 (%)2	Annual Over- burdened	Annual Non-Over- burdened	Overburdened (%)
Particpants								
	HVAC	Core	52	1,228	4%	52		4%
	Appliance Rebates	Core	128	3,470	4%	128		4%
Residential - Efficient Products  Residential - Existing Homes  Home Energy Education & Management  C&I Direct Install  Energy Solutions for Business  Multifamily  Annual Energy Savings  Residential - Efficient Products  Home Energy Education & Management  C&I Direct Install  Energy Solutions for Business  Multifamily  Lifetime Energy Education & Management  C&I Direct Install  Energy Solutions for Business  Multifamily  Lifetime Energy Savings  Residential - Efficient Products  Residential - Efficient Products	Appliance Recycling	Core	18	303	6%		303	6%
	Energy Efficient Kits	Core	-	-	0%		-	0%
	Lighting <sup>5</sup>	Core	1,164	14,745	7%	1,164		7% 7%
	Online Marketplace	Core	141	1,799	7%			
Pacidential Existing Homes	Home Performance with Energy Star  Quick Home Energy Check-Up	Core Additional	36	36 226	8% 14%			8% 14%
Residential - Existing Homes	Moderate Income Weatherization	Additional	39	114	25%			25%
	_	Additional	9,264	151,746	6%	9,120		6%
Home Energy Education & Management	Behavioral <sup>7</sup>			,				
El Direct Install  Energy Solutions for Business altifamily  Innual Energy Savings  esidential - Efficient Products  sidential - Existing Homes	Online Audits	Additional	102	1,458	7%	102	1,458	7%
C&I Direct Install	Direct Install	Core	21	105	17%	21	105	17%
Energy Solutions for Rusiness	Energy Management	Core	-	13	0%	-	13	0%
Energy Solutions for Dustness	Prescriptive/Custom	Core	24	268	8%	24		8%
Multifamily	Direct Install	Core	109	151	42%	109		42%
		Total Core Participation <sup>6</sup>	1,660	22,118	7%	1,660	22,118	7%
	Total	Additional Participation <sup>6</sup>	9,441	153,544	6%	9,297	151,869	6%
		Total Participation <sup>6</sup>	11,101	175,662	6%	10,957	173,987	6%
Annual Energy Savings								
	HVAC	Core	20	517	4%	20		4%
	Appliance Rebates	Core	13	401	3%	13		3%
Residential - Efficient Products	Appliance Recycling	Core	21	309	6%	21	309	6%
	Energy Efficient Kits	Core	-	-	0%		-	0%
	Lighting	Core	168	2,278	7%	168		7%
	Online Marketplace	Core	20		7%	20		7%
Online Marketplace   Core   20   252   7%   20		8%						
								13%
	Moderate Income Weatherization				-			30%
	Behavioral 7	Additional	217	3,333	6%	216	3,334	6%
Home Energy Education & Management	Online Audits	Additional	13	181	7%	13	181	7%
C&I Direct Install	Direct Install	Core	387	2,586	13%	387	2,586	13%
	Energy Management	Core	-	883	0%	-	883	0%
Energy Solutions for Business	Prescriptive/Custom	Core	818	14,630	5%	818	14,630	5%
Multifamily	Direct Install	Core	53	60	47%	53	60	47%
	Total Core	Annual Energy Savings <sup>6</sup>	1,506	21,987	6%	1,506	21,987	6%
	Total Additional	Annual Energy Savings <sup>6</sup>	282	3,788	7%	281	3,789	7%
	Total .	Annual Energy Savings <sup>6</sup>	1,788	25,774	6%	1,787	25,775	6%
Lifetime Energy Savings								
	HVAC	Core	306	7,948	4%	306	7,948	4%
	Appliance Rebates	Core	153	4,636	3%	153		3%
Residential - Efficient Products	Appliance Recycling	Core	99	1,496	6%	99	1,496	6%
residental - Efficient Froducts	Energy Efficient Kits	Core	-	-	0%	-	-	0%
	Lighting	Core	2,516	34,174	7%	2,516		7%
	Online Marketplace	Core	153	1,907	7%	153		7%
	Home Performance with Energy Star	Core	95	1,192	7%	95		7%
Residential - Existing Homes	Quick Home Energy Check-Up	Additional	449	3,195	12%	449		12%
	Moderate Income Weatherization	Additional	450	1,020	31%	450		31%
Home Energy Education & Management	Behavioral <sup>7</sup>	Additional	217	3,333	6%	216		6%
	Online Audits	Additional	13	181	7%	13		7%
C&I Direct Install	Direct Install	Core	4,612	25,849	15%	4,612		15%
Energy Solutions for Business	Energy Management	Core	-	4,470	0%	-		0%
	Prescriptive/Custom	Core	11,815	208,088	5%	11,815		5%
Multifamily	Direct Install	Core	660	771	46%	660		46%
		Lifetime Eenrgy Savings <sup>6</sup>	20,410	290,531	7%	20,410		7%
		Lifetime Energy Savings <sup>6</sup>	1,129	7,730	13%	1,128		13%
	Total Li	ifetime Energy Savings <sup>6</sup>	21,539	298,260	7%	21,538	298,261	7%

<sup>1</sup>Across all programs, subprograms, or offerings, participation/expenditures/savings are classified as either in an Environmental Justice Overburdened Community census block or not based on the program participant's address.

Overburdened Community census blocks were developed and defined by the NJ Department of Environmental Protection (<a href="www.nj.gov/dep/ej/communities.html">www.nj.gov/dep/ej/communities.html</a>). The EM&V WG agreed to only include 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 Overburdened Community. This metric is not intended to identify individual participants who reside in Overburdened Community, but rather the proportion of retail lighting sales stemming from locations serving Overburdened Communities 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 Commercial & Industrial 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,

Eren G. Demiray

Manager, Energy Efficiency Reporting

## **Appendix A – Participant Definitions**

NJ Pro	gram	Participants (as lead utility)
	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)
Efficient Products	Mid-Stream Products	Quantity of units sold (based on SKU) - net of returns (negative in current period)
Emdent Floures	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
Multifamily	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
	<u>L</u>	10

## Appendix B – Energy Efficiency and PDR Savings Summary For Period Ending PY2401

			Participati	on									Ex A	nte Energy Savings			
		A	В		D=C/B	E	F	G	H=G/F	- 1	J		L=K/J	М	N	0	Р
		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)6	Current Quarter Lifetime Retail Energy Savings (MWh)	YTD Lifetime Retail Energy Savings (MWh)
Residential Programs	Sub Program or Offering <sup>1</sup>																
	HVAC*	1,280		1,280	N/A	\$ 1,346		\$ 1,346	N/A	537		537	N/A	632	0.27	8,254	8,254
	Appliance Rebates*	3,598		3,598	N/A	\$ 300		\$ 300	N/A	414		414	N/A	305	0.09	4,789	4,789
	Appliance Recycling*	321		321	N/A	\$ 73		\$ 73	N/A	329		329	N/A	387	0.05	1,594	1,594
Efficient Products*	Energy Efficient Kits*	-		-	N/A			\$ 87		-			N/A			-	
	Lighting*	15,909		15,909	N/A			\$ 272	N/A	2,446		2,446	N/A	2,879	0.18	36,691	36,691
	Online Marketplace	1,940		1,940	N/A			\$ 262	N/A	273		273	N/A	321	0.00	2,060	2,060
	Subtotal Efficient Products <sup>4</sup>	23,048	1,133,195	23,048	2.03%	\$ 2,341	\$ 21,745	\$ 2,341	10.76%	3,999	65,245	3,999	6.13%	4,524	0.60	53,388	53,388
	Home Performance with Energy Star*	39	1,260	39	3.10%	\$ 436	\$ 8,559	\$ 436	5.10%	76	1,732	76	4.39%	89	0.05	1,287	1,287
Existing Homes	Quick Home Energy Check-Up	262	3,960	262	6.62%	\$ 146	\$ 2,606	\$ 146	5.60%	260	1,881	260	13.81%	306	0.02	3,645	3,645
	Moderate Income Weatherization	153			20.40%					66		66	7.09%	78	0.02	1,471	1,471
	Behavioral	161,010		159,191	N/A	\$ 302		\$ 302	N/A	3,550		3,550		4,178	-	3,550	3,550
Home Energy Education & Management	Online Audits	1,560		1,560	N/A	\$ 103		\$ 103	N/A	193		193		228		193	193
0,	Subtotal Home Energy Education & Management <sup>4</sup>	162.570	142,300	160.751	113%	\$ 405	\$ 1.671	\$ 405	24.21%	3.743	25,439	3.743	14.72%	4.406		3,743	3,743
Total Residential <sup>4</sup>	, , , , , , , , , , , , , , , , , , ,	186,072	1,281,465	184,253	14.38%	\$ 4,501	\$ 40,906	\$ 4,501	11.00%	8,145		8,145	8.55%	9,404	0.68	63,534	63,534
		-0.0,0.12	3,202,100			,,,,,,	, .,,,,,,	, ,,,,,,		3,2.10	,	0,2.10		3,.51	-	33,331	30,301
Business Programs	Sub Program or Offering <sup>1</sup>																
C&I Direct Install	Direct Install*	126	600	126	21.00%	\$4,062	\$11,007	\$4,062	36.90%	2,974	20,322	2,974	14.63%	3,500	0.53	30.461	30.461
	Prescriptive/Custom*	292		292	0.09%	\$4,668	\$21,203	\$4,668		15,448		15,448	22.88%		2.97	219,903	219,903
Energy Solutions for Business	Energy Management <sup>3</sup>	13		13		\$340		\$340		883	10,646	883	8.29%		0.00	4,470	4,470
Energy Solutions for Business	Engineered Solutions <sup>3</sup>	1.0	12		0.00%	\$67	\$6,308	\$67		-	6,025	-	0.00%	- 1,033	0.00	4,470	4,470
T. 10 . 4	Engineered Solutions																
Total Busines <sup>4</sup>		431	336,750	431	0.13%	\$ 9,136	\$ 42,690	\$ 9,136	21.40%	19,304	104,507	19,304	18.47%	22,667	3.51	254,834	254,834
	1																
Multifamily Programs	Sub Program or Offering <sup>1</sup>																
	HPwES*	-		-	N/A			\$ (7)				-	N/A		-	-	
	Direct Install*	260		260	N/A			\$ 72	,	113		113	N/A	133	0.07	1,431	1,431
Multifamily*	Prescriptive/Custom <sup>3*</sup>	-		-	N/A	\$ 2		\$ 2	N/A	-		-	N/A	-	-	-	
	Engineered Solutions <sup>3</sup> *	-		-	N/A	\$ 10		\$ 10	N/A	-			N/A	1		-	
	Subtotal Multi-Family <sup>4</sup>	260	3,304	260	7.87%	\$ 77	\$ 2,603	\$ 77	2.95%	113	1,671	113	6.78%	133	0.07	1,431	1,431
Other Programs																	
Home Optimization & Peak Demand Reduction <sup>3</sup>			11,001	-	-	\$ 1,299	\$ 2,673	\$ 1,299	48.60%	-	2,739		0.00%			-	
Total Other <sup>4</sup>			11,001			\$ 1,299	,		_		2,739		0.00%				
Total other			11,001			7 1,233	2,073	7 1,233	48.00%		2,735		0.00%				
Portfolio Total <sup>4</sup>		190 703	1,632,521	184,944	11.33%	\$ 15,013	\$ 88,873	¢ 15.013	16.89%	27,562	204,152	27,562	13.50%	32,204	4.26	319,799	210 700
		186,763	1,632,521	184,944	11.33%	\$ 15,013	\$ 88,873	\$ 15,013			204,152	27,562	13.50%	32,204	4.26	319,799	319,799
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 EEPDR 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>3</sup>Please note JCP&L's EEPDR 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 NJ Cost Test.

<sup>&</sup>lt;sup>6</sup>Behavioral programs are often subject to a savings ramp-up where statistically significant savings may only be measurable 3-6 months after the program launch. Because the program launched on July 24, 2022, the savings measured in August 2022 may not be reflective of expected program savings going forward. JCP&L has opted to include these savings values for the sake of transparency.

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

# Appendix C- Energy Efficiency and PDR Savings Summary – LMI For Period Ending PY24Q1

		Pa	rticipation		itures (Customer Low/no-cost ccing)		ergy Savings	
		A	В	С	D	E	F	
		Reported Part	icipation Number YTD	Reported Incer (\$00		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	19	1,261	7	484	9	528	
	Appliance Rebates	75	3,523	4	158	7	407	
	Appliance Recycling	13	308	1	17	12	317	
Efficient Products	Energy Efficient Kits	-	-	-	-	-	-	
	Lighting	-	15,909	-	65		2,446	
	Online Marketplace	78	1,862	8	177		262	
	Subtotal Efficient Products <sup>2</sup>	185	22,863	19	902	40	3,959	
	Home Performance with Energy Star <sup>1</sup>	-	39	-	166	-	76	
Existing Homes	Quick Home Energy Check-Up	35	227	10	69	30	230	
Existing Homes	Moderate Income Weatherization	56	97	17	163	18	48	
	Behavioral	31,029	128,162	-	-	249	3,301	
Home Energy Education &	Online Audits	68	1,492	-	-	8	185	
Management	Subtotal Home Energy Education & Management <sup>2</sup>	31,097	129,654	-	-	257	3,486	
Total Residential <sup>2</sup>		31,373	152,880	46	1300	346	7,799	
Multifamily Programs	Sub Program or Offering <sup>1</sup>							
	HPWES	-	-	-	-	-	-	
Multi-Family	Direct Installation/MF QHEC	53	207	10	38	21	93	
Other Programs								
Home Optimization & Peak I	Demand Reduction	-	-	-	-	-		
Total Other <sup>2</sup>		-	-	-	-	-	-	
Portfolio Total <sup>2</sup>		31,426	153,087	56	1338	366	7,892	

<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 PY24Q1

		Partici	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	Sm	all Commercial	Large Commercial	Small Commercial	Large Commercial	
C&I Direct Install	Direct Install	126	-	\$	2,852	\$ -	2,974	-	
Energy Solutions for Business	Prescriptive/Custom	244	48	\$	2,924	\$ 841	13,110	2,338	
	Energy Management	1	12	\$	16	\$ 146	15	868	
	Engineered Solutions	-	-	\$	-	\$ -	-	-	
Total Business <sup>1</sup>		371	60	\$	5,792	\$ 988	16,099	3,206	
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>		371	60	\$	5,792	\$ 988	16,099	3,206	

<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 PY24Q1

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)
The state of the s			(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	0.98%	195,517

## **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.