

May 30, 2023

VIA ELECTRONIC MAIL ONLY

Carmen D. Diaz, Acting 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>rd</sup> Quarter  
Program Year 2023  
DOCKET NOS. QO1901040, QO19060748 & QO17091004**

Dear Secretary Diaz:

Pursuant to the Board’s current filing procedures, Jersey Central Power & Light Company (“JCP&L” or “Company”) hereby files its Quarterly Progress Report for third quarter (“Q3”) Program Year 2023<sup>1</sup> (“PY23”) with respect to its Clean Energy Act of 2018 Energy Efficiency (“EE”) and Peak Demand Reduction (“PDR”) Programs.

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

Portfolio Background and History

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<sup>2</sup> (“Joint Utilities”), and providing new expanded energy efficiency 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 energy efficiency 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>.

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

<sup>2</sup> The Joint Utilities include Atlantic City Electric, 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>3</sup> <http://www.energysavenj.com/>

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

## Overall Portfolio

JCP&L offered all program elements scheduled for launch through Q3 of PY23 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	CLEARResult	7/1/2021
Residential	Core	Appliance Rebates	CLEARResult	7/1/2021
Residential	Core	Appliance Recycling	ARCA	7/1/2021
Residential	Core	EE Kits	AM Conservation Group	12/1/2021
Residential	Core	Lighting	CLEARResult	7/1/2021
Residential	Core	Online Marketplace	AM Conservation Group	9/15/2021
Residential	Core	Home Performance with ENERGY STAR	CLEARResult	7/1/2021
Residential	Additional	Quick Home Energy Check-up	CLEARResult	9/1/2021
Residential	Additional	Moderate Income Weatherization	CLEARResult	9/1/2021
Residential	Additional	Online Audits	Oracle	7/1/2021
Residential	Additional	Behavioral	Oracle	7/1/2022
Commercial & Industrial	Core	C&I Direct Install	Willdan	7/1/2021
Commercial & Industrial	Core	C&I Prescriptive and Custom	TRC	7/1/2021
Commercial & Industrial	Additional	Energy Solutions for Business Energy Management	Willdan	10/1/2021
Commercial & Industrial	Additional	Energy Solutions for Business Engineered Solutions	Willdan	10/1/2021
Multifamily	Core	Multifamily Direct Install	CLEARResult	7/1/2021
Multifamily	Core	Multifamily Home Performance with ENERGY STAR	CLEARResult	7/1/2021
Multifamily	Core	Multifamily Prescriptive	CLEARResult	7/1/2021
Multifamily	Core	Multifamily Custom	CLEARResult	7/1/2021
Multifamily	Core	Multifamily Engineered Solutions	CLEARResult	10/1/2021

The full suite of program offerings delivered in the third quarter produced over 85,956 MWh, or almost 52% of PY23 annual target as filed in JCP&L’s EEC Plan. 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. During the third quarter of PY23, NEIF has provided \$1,133,576 in loans to 98 residential customers and \$455,955 in loans to 13 commercial, industrial, and multifamily customers through JCP&L’s programs. Program to date totals include \$4,100,263 in loans to 369 residential customers and \$814,811 in loans to 28 commercial, industrial, and multifamily customers through JCP&L’s programs.

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

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 the date of this report, the SWC system is not yet fully tested and operational, therefore the utilities have not yet transferred information for expenditures and energy savings. 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. 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 impacts. 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 energy efficiency 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 energy-efficiency. The Company expects JCP&L's program performance to improve as impacts of the pandemic on the broader economy 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, with the exception of the Home Optimization & Peak Demand Reduction Program have launched. The Home Optimization & Peak Demand Reduction Program will launch in mid-2023, as approved in the Company's Plan.

The following programs contributed savings in the reporting period:

#### Efficient Product Program

- The HVAC offering processed rebates for over 650 units of HVAC equipment during the third quarter of PY23. The Company and its TPIC, in tandem with the joint utilities, worked closely together to convert SEER ratings to SEER2 ratings for the new HVAC eligibility requirements for 2023. During the third quarter of PY23, HVAC applications, the Trade Ally Portal and The Company's website were updated to reflect the eligibility changes. The Company continues to market the rebate offerings to customers via email.
- The Appliance Rebates offering processed rebates for over 1,600 appliances during PY23 Q3. The offering was marketed in retail locations. Marketing materials were also created for distribution to consumers to help gain awareness of the program.

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

The Company completed over 1,000 store visits throughout the third quarter of PY23, placing promotional signage and educating retail employees on rebates available to customers.

- The Company responsibly picked up and recycled 1,348 refrigerators and freezers and 205 room air conditioners and dehumidifiers through the Appliance Recycling offering in PY23 Q3. This offering was marketed to customers through the Company website, bill inserts, paid search ads, social media posts, e-mails, in retailers, in the Company's Online Audit offering, and through inserts in the Company's Energy Efficiency kits.
- Customers purchased and received instant discounts on over 160,000 packages of high-efficient lighting in retail locations throughout the Company's service territory during the third quarter of PY23. The Company visited retail locations in our service territory and continues to provide lighting demonstrations and education for customers.
- The Company's Online Marketplace received 1,193 orders resulting in the sale of over 2,000 products. Smart Thermostats accounted for 61% of the products sold during the third quarter of PY23. The Company ran multiple promotions during this period to promote the sales of smart thermostats and LEDs. 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.
- The Company's Energy Efficiency ("EE") Kits offering continued to drive the highest level of savings within the Efficiency Products Program. This program is a gateway to other Energy Efficiency Programs, providing customers easy-to-install energy efficiency measures, as well as educational and promotional materials on other EEC program offerings. Over 79,000 EE Kits were delivered to new residents and customers upon request during the reporting period. The EE Kits offering ended in March 2023 due to the implementation of State Law A5160 and the Federal Energy Independence and Security Act (EISA).

#### Existing Homes Program

- The Home Performance with ENERGY STAR ("HPwES") subprogram completed 37 projects in Q3 of PY23. The Company participates in a monthly meeting with the other NJ utility technical teams and contractors to support this program. This subprogram was marketed through display ads on the internet, in the Company's Online Audit tool, in the Company's Energy Efficiency Kits, and bill inserts.
- The Quick Home Energy Check-up ("QHEC") subprogram performed over 540 audits during Q3 PY23. 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. During this period, the company launched its online audit scheduling tool. 438 Customers schedule audits online. As part of the QHEC, customers had items installed in their homes such as LED lighting, smart strips, low flow showerheads, and aerators. The contractor then educated customers on steps to take to conserve energy in their homes, and about additional programs offered by JCP&L.
- The Moderate-Income Weatherization subprogram completed over 100 audits that included direct install items, such as LED lighting, smart strips, low flow showerheads, aerators, etc. during Q3 PY23. 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. 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. Approximately 287,100 email reports and 267,800 print reports were sent to customers in the third quarter of the program year. The reports featured the QHEC, the Appliance Rebates program, and also promotions for smart thermostat rebates through the Online Marketplace.

- Over 1,400 customers completed the Company's Online Audit tool, the Home Energy Analyzer, in the third quarter 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 25 participating program allies who have been trained to promote and sell this program to qualifying customers, by conducting an out-bound calling campaign targeting eligible customers and hosting one (1) in-person roundtable event with participating program allies. At the start of this quarter, utilities collaboratively released a new incentive structure for this program that pays up to 80% of the project cost based on measure mix. This resulted in a higher level of participation in this program. As a courtesy services for our customers, Willdan created a list of participating program allies on the program website. To increase participation by customers located in the Overburdened Communities/Opportunity Zones/Urban Enterprise Zones, Willdan undertook a dedicated out-bound call campaign through their in-house call center. This resulted in over 80 of these customers signing up for a follow-up site visit/survey from an approved trade ally. Willdan also created a Spanish language FAQs guide that was posted on the program website. Willdan 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. 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. 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 alley name or business type. In this quarter, TRC expanded the program offering by adding LED troffers to the mid-stream delivery channel. 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, and developing new marketing materials. To continue to engage program alleys, TRC hosted a program alley appreciation event this quarter. At this event, TRC recognized and presented awards to top performing program alleys in multiple categories. Every quarter, TRC continues to send out a newsletter that is targeted to program alleys. To help customers with capital funding of qualified projects, TRC added a link to the Company’s financing program and hosted a training session for the registered program allies on this financing program. 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. 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 138 audits during Q3 PY23. During the audit, the contractor educated customers on other program offerings and opportunities to save energy. The company continues to build relationships with multifamily property managers to fill a pipeline of future projects. The company set up tables in the lobby of multiple facilities to encourage customers to sign-up for an audit.

**Table 1 – Quarter 3 Program Year 2023 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 PY 23 at 0.74% of the Plan Year’s Compliance Baseline.

	Utility-Administered Retail Savings <sup>1,2</sup> (MWh)	Comfort Partners Retail Savings (MWh) <sup>1,2</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	85,956	233	-	86,189				
YTD	215,976	654	-	216,630	20,066,367	0.74%	148,491	145.89%

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

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

<sup>4</sup>Other Programs includes Company-specific programs that are not part of the Clean Energy Act (CEA) energy efficiency programs or Comfort Partners, such as legacy programs and pilots. JCP&L does not have any approved Other Programs.

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.

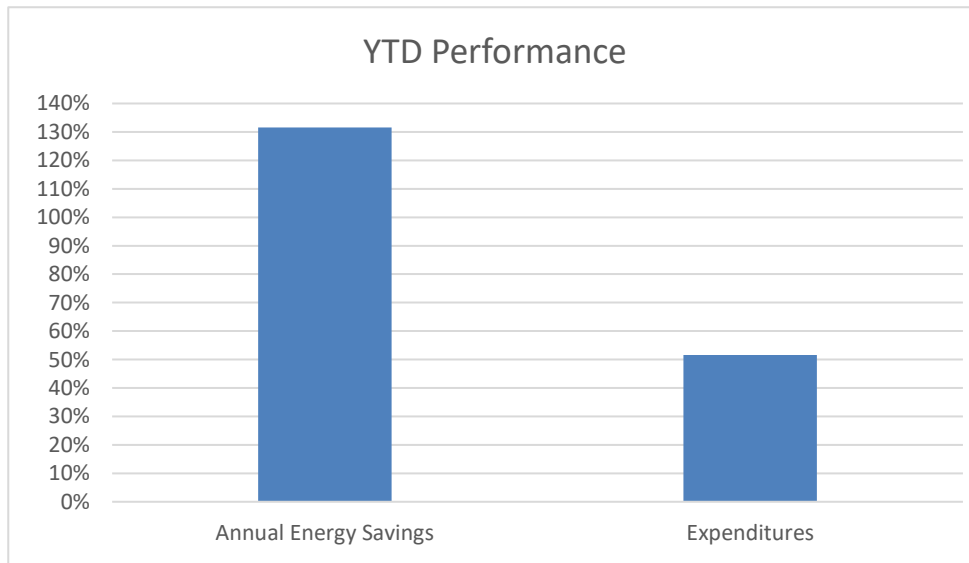


Figure 1: Quarter 3 PY23 performance of Annual Energy Savings and Budget

## Table 2 – Quantitative Performance Indicators

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”)<sup>8</sup>.

As shown in the following table, JCP&L achieved 86,189 MWh of annual energy efficiency savings and 1,119,646 MWh of lifetime savings in this period.

	Quarter				Year to Date				Annual Target <sup>1</sup>	Percent of Annual Target Achieved
	Utility-Administered Quarter Retail Savings	Comfort Partners Quarter Retail Savings	Other Programs Quarter Retail Savings	Total Portfolio Quarter Retail Savings	Utility-Administered YTD Retail Savings	Comfort Partners YTD Retail Savings	Other Programs YTD Retail Savings	Total Portfolio YTD Retail Savings		
Annual Energy Savings (MWh)	85,956	233		86,189	215,976	654		216,630	164,722	132%
Lifetime Savings (MWh)	1,115,788	3,858		1,119,646	2,813,309	10,670		2,823,979	2,115,075	134%
Annual Demand Savings (MW)	11.40	0.05		11.46	24.85	0.15		25.00		
Low/Moderate-Income Lifetime Savings (MWh) <sup>2</sup>	203,752	3,858		207,610	268,608	10,670		279,278		
Small Commercial Lifetime Savings (MWh)	204,493			204,493	585,760			585,760		

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

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

## 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

Residential sector participation is being driven by customer activity in Lighting and Energy Efficient Kits, though customers are participating in all other Residential program offerings. The Residential sector achieved 58% 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 PY23. 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 1008 participants in the program. At a measure level, the Company is at 5% of the target.

#### Multifamily

The Multifamily sector achieved 23% of the PY23 Annual Plan forecast. The Company has a pipeline of work to complete in the balance of PY23.



**Table 3– Sector-Level Participation**

Sector <sup>1</sup>	Quarter Participants	YTD Participants	Annual Forecasted Participants <sup>4</sup>	Percent of Annual Forecast
Residential	363,595	737,114	1,275,207	57.80%
Multifamily	138	598	2,644	22.62%
C&I	412	1,008	302,185	0.33%
Reported Totals for Utility Administered Programs <sup>3</sup>	364,145	738,720	1,580,036	46.75%
Comfort Partners <sup>2</sup>	240	667	6,041	N/A
Utility Total <sup>3</sup>	364,385	739,387	1,586,077	N/A

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

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

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

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

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

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<sup>8</sup> JCP&L did not have any authorized Other Programs.

## Expenditures

### Residential Sector

The Residential sector spent 57% of its annual Plan budget through the reporting period.

### Commercial & Industrial Sector

The Commercial & Industrial sector spent 47% of its annual Plan budget through the reporting period.

### Multifamily Sector

The Multifamily sector spent 16% 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	\$ 7,517	\$ 20,355	\$ 35,500	57.34%
Multifamily	\$ 81	\$ 363	\$ 2,206	16.47%
C&I	\$ 6,576	\$ 14,626	\$ 30,839	47.43%
Reported Totals for Utility Administered Programs <sup>3</sup>	\$ 14,174	\$ 35,345	\$ 68,545	51.56%
Comfort Partners <sup>2</sup>	\$ 1,017	\$ 3,227	\$ 5,511	N/A
Utility Total <sup>3</sup>	\$ 15,191	\$ 38,572	\$ 74,057	N/A

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

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

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

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

## Annual Energy Savings

### Residential Sector

JCP&L continues to focus on working with its TPICs to deliver programs and educate customers, contractors, and retailers on the JCP&L suite of Residential programs. Through Quarter 3 PY23, the residential sector achieved nearly 198% of its annual target.

### Commercial & Industrial

During PY23, 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 Quarter 3 PY23, the Commercial & Industrial sector achieved nearly 61% of its annual target. JCP&L anticipates energy savings levels will grow across all programs within the sector in PY23.

### Multifamily

During PY23, 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 14% 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	68,205	167,522	84,756	197.65%
Multifamily	35	200	1,391	14.39%
C&I	17,717	48,254	78,575	61.41%
Reported Totals for Utility Administered Programs <sup>3</sup>	85,956	215,976	164,722	131.12%
Comfort Partners <sup>2</sup>	233	654	3,602	N/A
Utility Total <sup>3</sup>	86,189	216,630	168,324	N/A

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

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

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

### **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 51% of the PY23 budget.

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

Total Utility EE/PDR <sup>1</sup>	Quarter Reported (\$000)	YTD Reported (\$000)	Full Year Budget (\$000)	Percent of Annual Budget
Capital Costs	\$ -	\$ -	\$ -	0.00%
Utility Administration	\$ 645	\$ 1,770	\$ 3,833	46.17%
Marketing	\$ 231	\$ 752	\$ 1,842	40.80%
Outside Services <sup>4</sup>	\$ 2,011	\$ 5,423	\$ 11,551	46.95%
Rebates <sup>2</sup>	\$ 10,757	\$ 25,720	\$ 41,921	61.35%
No- or Low-Interest Loans	\$ 234	\$ 682	\$ 6,638	10.28%
Evaluation, Measurement & Verification (“EM&V”)	\$ 317	\$ 1,052	\$ 2,468	42.62%
Inspections & Quality Control	\$ -	\$ -	\$ 674	0.00%
Utility EE/PDR Total <sup>3</sup>	\$ 14,195	\$ 35,398	\$ 68,926	51.36%

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

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

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

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

## Equity Metrics

The equity metrics draw from the considerable work of the New Jersey Office of Environmental Justice's Overburdened Community (“OBC”) designations. Per New Jersey’s Environmental Justice Law, N.J.S.A. 13:1D-157, 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 Overburdened Community and screened all incoming energy efficiency program participation utilizing this same methodology. This data is compiled into Table 7 detailing PY23 Equity Performance. JCP&L will continue to monitor these metrics as programs and offerings mature throughout the Triennial period.

### Residential Sector

The Company held educational events during the third quarter of PY23 in OBC areas at The Home Depot in Old Bridge and East Hanover, NJ. During these events, representatives highlighted efficient lighting technologies and educated several customers on LEDs--effectively moving the customers from purchasing lower quality bulbs to ENERGY STAR certified LEDs. The Company also visited stores in OBC areas over 200 times during the third quarter of PY23 for various reasons, such as placing marketing on appliances and lighting, as well The Company also participated in 2 senior community events at Crestwood Village and 2 Salvation Army Farmer’s Market events to promote the Moderate Income Weatherization and QHEC programs.

### Commercial & Industrial Sector

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. Similarly, to reach customers located in the above-listed communities, Willdan had undertaken a dedicated call out campaign through their in-house call center. This has resulted in over 80 of these customers signing up for a follow-up site visit/survey from an approved trade ally.

### Multifamily

To date, there have been no specific activities for Multifamily in Overburdened Communities. JCP&L focused on widespread education to begin gaining traction in the program and will then turn its focus to specific communities.

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9 Per N.J.S.A. 13:1D-157: (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.

10 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 Accounts <sup>3</sup>	96,842	\$77,814	10%
# of Business Accounts <sup>3</sup>	12,582	113,035	10%
Total Annual Energy (MWh) <sup>4</sup>	1,674,125	18,440,944	8%

Programs	Sub Program or Offering	Type of Sub Program/Offering	Quarter Over-burdened <sup>1</sup>	Quarter Non-Over-burdened	Overburdened (%) <sup>2</sup>	Annual Over-burdened	Annual Non-Over-burdened	Overburdened (%)
<b>Participants</b>								
Residential - Efficient Products	HVAC	Core	40	631	6%	117	2,299	5%
	Appliance Rebates	Core	93	1,562	6%	306	5,038	6%
	Appliance Recycling	Core	62	1,227	5%	247	4,681	5%
	Energy Efficient Kits	Core	9,126	70,873	11%	22,892	185,121	11%
	Lighting <sup>5</sup>	Core	8,777	155,798	5%	21,145	363,355	5%
	Online Marketplace	Core	167	1,961	8%	891	13,177	6%
Residential - Existing Homes	Home Performance with Energy Star	Core	14	23	38%	22	42	34%
	Quick Home Energy Check-Up	Additional	55	494	10%	191	1,119	15%
	Moderate Income Weatherization	Additional	27	81	25%	68	171	28%
Home Energy Education & Management	Behavioral <sup>7</sup>	Additional	8,626	102,474	8%	8,626	102,474	8%
	Online Audits	Additional	113	1,371	8%	380	4,752	7%
C&I Direct Install	Direct Install	Core	16	109	13%	55	242	19%
Energy Solutions for Business	Prescriptive/Custom	Core	12	275	4%	67	644	9%
Home Optimization & Peak Demand Reduction		Additional	-	-	0%	-	-	0%
Multifamily	Direct Install	Core	13	125	9%	189	409	32%
Total Core Participation <sup>5</sup>			18,320	232,584	7%	45,931	575,008	7%
Total Additional Participation <sup>5</sup>			195	1,946	9%	639	6,042	10%
<b>Total Participation<sup>6</sup></b>			<b>27,141</b>	<b>337,004</b>	<b>7%</b>	<b>55,196</b>	<b>683,524</b>	<b>7%</b>
<b>Annual Energy Savings</b>								
Residential - Efficient Products	HVAC	Core	11	297	4%	38	959	4%
	Appliance Rebates	Core	17	349	5%	59	1,108	5%
	Appliance Recycling	Core	70	1,371	5%	270	5,215	5%
	Energy Efficient Kits	Core	3,784	29,373	11%	9,582	77,218	11%
	Lighting	Core	1,288	27,776	4%	3,034	61,674	5%
	Online Marketplace	Core	23	283	8%	123	1,844	6%
Residential - Existing Homes	Home Performance with Energy Star	Core	61	71	46%	95	151	39%
	Quick Home Energy Check-Up	Additional	37	366	9%	148	978	13%
	Moderate Income Weatherization	Additional	11	11	51%	29	49	37%
Home Energy Education & Management	Behavioral <sup>7</sup>	Additional	268	2,554	9%	410	3,903	9%
	Online Audits	Additional	14	170	8%	47	589	7%
C&I Direct Install	Direct Install	Core	531	2,681	17%	1,464	5,208	22%
Energy Solutions for Business	Prescriptive/Custom	Core	409	14,096	3%	2,490	39,092	6%
Home Optimization & Peak Demand Reduction		Additional	-	-	0%	-	-	0%
Multifamily	Direct Install	Core	2	33	5%	42	158	21%
Total Core Annual Energy Savings <sup>5</sup>			6,195	76,329	8%	17,197	192,627	8%
Total Additional Annual Energy Savings <sup>5</sup>			63	547	10%	225	1,615	12%
<b>Total Annual Energy Savings<sup>6</sup></b>			<b>6,526</b>	<b>79,430</b>	<b>8%</b>	<b>17,831</b>	<b>198,145</b>	<b>8%</b>
<b>Lifetime Energy Savings</b>								
Residential - Efficient Products	HVAC	Core	151	4,704	3%	555	14,762	4%
	Appliance Rebates	Core	187	3,743	5%	626	11,662	5%
	Appliance Recycling	Core	342	6,689	5%	1,305	25,290	5%
	Energy Efficient Kits	Core	47,961	376,616	11%	121,774	991,971	11%
	Lighting	Core	19,317	415,934	4%	45,516	924,402	5%
	Online Marketplace	Core	273	2,782	9%	1,126	16,674	6%
Residential - Existing Homes	Home Performance with Energy Star	Core	984	1,279	43%	1,552	2,653	37%
	Quick Home Energy Check-Up	Additional	536	5,209	9%	2,130	14,057	13%
	Moderate Income Weatherization	Additional	165	158	51%	415	703	37%
Home Energy Education & Management	Behavioral <sup>7</sup>	Additional	268	2,554	9%	410	3,903	9%
	Online Audits	Additional	14	170	8%	47	589	7%
C&I Direct Install	Direct Install	Core	2,208	24,146	8%	10,642	42,301	20%
Energy Solutions for Business	Prescriptive/Custom	Core	5,154	193,840	3%	33,719	542,005	6%
Home Optimization & Peak Demand Reduction		Additional	-	-	0%	-	-	0%
Multifamily	Direct Install	Core	25	381	6%	488	2,030	19%
Total Core Lifetime Energy Savings <sup>5</sup>			76,600	1,030,113	7%	217,303	2,573,750	8%
Total Additional Lifetime Energy Savings <sup>5</sup>			716	5,537	11%	2,592	15,350	14%
<b>Total Lifetime Energy Savings<sup>6</sup></b>			<b>77,584</b>	<b>1,038,204</b>	<b>7%</b>	<b>220,305</b>	<b>2,593,004</b>	<b>8%</b>

- <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 ([www.nj.gov/dep/ej/communities.html](http://www.nj.gov/dep/ej/communities.html)). 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 significantly outperformed energy savings expectations in JCP&L's EEC Plan, and the Commercial & Industrial sector built a robust pipeline of projects in PY23. The Company expects annual energy savings to continue to grow through the first Triennium period.

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

Sincerely,

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

Eren G. Demiray  
Manager, Energy Efficiency Reporting



## Appendix A – Participant Definitions

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

**Appendix B – Energy Efficiency and PDR Savings Summary  
For Period Ending PY23Q3**

		Participation				Actual Expenditures				Ex Ante Energy Savings							
		A	B	C	D=C/B	E	F	G	H=G/F	I	J	K	L=K/J	M	N	O	P
		Quarter	Annual Forecasted Participation Number	YTD Reported Participation Number	YTD % of Annual Participants	Quarter Program Costs (\$000)	Annual Forecasted Program Costs (\$000) <sup>2</sup>	YTD Program Costs (\$000)	YTD % of Annual Budget	Quarter Annual Retail Energy Savings (MWh)	Annual Forecasted Retail Energy Savings (MWh)	YTD Annual Retail Energy Savings (MWh)	YTD % of Annual Energy Savings	Quarter Wholesale Energy Savings (MWh) <sup>5</sup>	YTD Peak Demand Savings (MW)	Quarter Lifetime Retail Energy Savings (MWh)	YTD Lifetime Retail Energy Savings (MWh)
<b>Residential Programs</b>	<b>Sub Program or Offering<sup>1</sup></b>																
	HVAC*	671	2,416	N/A	\$ 558	\$ 1,877	N/A	309	998	N/A	363	0.47	4,854	15,317			
	Appliance Rebates*	1,655	5,344	N/A	\$ 260	\$ 780	N/A	365	1,167	N/A	430	0.15	3,930	12,288			
	Appliance Recycling*	1,289	4,928	N/A	\$ 326	\$ 1,230	N/A	1,441	5,485	N/A	1,696	0.90	7,030	26,595			
	Energy Efficient Kits*	79,999	208,013	N/A	\$ 3,322	\$ 8,786	N/A	33,157	86,799	N/A	39,026	6.67	424,576	1,113,745			
	Lighting*	164,575	384,500	N/A	\$ 1,221	\$ 2,598	N/A	29,064	64,708	N/A	34,208	4.85	435,250	969,919			
	Online Marketplace	2,128	14,068	N/A	\$ 208	\$ 1,295	N/A	306	1,968	N/A	360	0.04	3,055	17,800			
	Subtotal Efficient Products <sup>4</sup>	250,317	1,129,607	619,269	54.82%	\$ 5,895	\$ 20,517	\$ 16,566	80.75%	64,641	67,353	161,124	239.22%	76,083	13.08	878,696	2,155,663
	Home Performance with Energy Star*	37	1,000	64	6.40%	\$ 418	\$ 6,982	\$ 901	12.91%	132	1,375	245	17.85%	155	-	2,264	4,205
	Quick Home Energy Check-Up	549	2,500	1,310	52.40%	\$ 256	\$ 1,861	\$ 745	40.04%	404	1,188	1,126	94.83%	475	0.09	5,746	16,187
	Moderate Income Weatherization	108	500	239	47.80%	\$ 502	\$ 4,384	\$ 920	20.99%	23	625	78	12.42%	27	0.01	323	1,119
	Behavioral	111,100	111,100	N/A	\$ 390	\$ 1,149	N/A	2,822	4,313		3,321	3.1	2,822	4,313			
	Online Audits	1,484	5,132	N/A	\$ 55	\$ 73	N/A	184	636		217	-	184	636			
	Subtotal Home Energy Education & Management <sup>4</sup>	112,584	141,600	116,232	82%	\$ 445	\$ 1,756	\$ 1,222	69.60%	3,006	14,216	4,949	35%	3,538	3.11	3,006	4,949
	<b>Total Residential<sup>4</sup></b>	<b>363,595</b>	<b>1,275,207</b>	<b>737,114</b>	<b>57.80%</b>	<b>\$ 7,517</b>	<b>\$ 35,500</b>	<b>\$ 20,355</b>	<b>57.34%</b>	<b>68,205</b>	<b>84,756</b>	<b>167,522</b>	<b>197.65%</b>	<b>80,277</b>	<b>16.29</b>	<b>890,034</b>	<b>2,182,124</b>
<b>Business Programs</b>	<b>Sub Program or Offering<sup>1</sup></b>																
	C&I Direct Install	125	550	297	54.00%	\$ 1,854	\$ 10,046	\$ 3,657	36.40%	3,212	18,290	6,672	36.48%	3,781	0.86	26,355	52,943
	Prescriptive/Custom*	287	301,492	711	0.24%	\$ 4,447	\$ 16,382	\$ 10,506	64.13%	14,505	54,908	41,581	75.73%	17,010	7.56	198,994	575,724
	Energy Management <sup>3</sup>	-	137	-	0.00%	\$ 243	\$ 1,473	\$ 365	24.79%	-	2,637	-	0.00%	-	-	-	-
	Engineered Solutions <sup>3</sup>	-	6	-	0.00%	\$ 32	\$ 2,937	\$ 98	3.33%	-	2,740	-	0.00%	-	-	-	-
	<b>Total Business<sup>4</sup></b>	<b>412</b>	<b>302,185</b>	<b>1,008</b>	<b>0.33%</b>	<b>\$ 6,576</b>	<b>\$ 30,839</b>	<b>\$ 14,626</b>	<b>47.43%</b>	<b>17,717</b>	<b>78,575</b>	<b>48,254</b>	<b>61.41%</b>	<b>20,791</b>	<b>8.42</b>	<b>225,348</b>	<b>628,667</b>
<b>Multifamily Programs</b>	<b>Sub Program or Offering<sup>1</sup></b>																
	HPwES*	-	-	N/A	\$ 11	\$ 32	N/A	-	-	N/A	-	-	-	-	-	-	-
	Direct Install*	138	598	N/A	\$ 64	\$ 291	N/A	35	200	N/A	41	0.1	406	2,519			
	Prescriptive/Custom <sup>3*</sup>	-	-	N/A	\$ 2	\$ 6	N/A	-	-	N/A	-	-	-	-	-	-	-
	Engineered Solutions <sup>3*</sup>	-	-	N/A	\$ 5	\$ 34	N/A	-	-	N/A	-	-	-	-	-	-	-
	Subtotal Multi-Family <sup>4</sup>	138	2,644	598	22.62%	\$ 81	\$ 2,206	\$ 363	16.47%	35	1,391	200	14.39%	41	0.1	406	2,519
<b>Other Programs</b>																	
	Home Optimization & Peak Demand Reduction <sup>3</sup>	-	-	N/A	\$ -	\$ -	N/A	-	-	N/A	-	-	-	-	-	-	-
	<b>Total Other<sup>4</sup></b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>N/A</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>N/A</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>N/A</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Supportive Costs Outside<sup>3,4</sup></b>						\$ -		N/A									
<b>Portfolio Total<sup>4</sup></b>		<b>364,145</b>	<b>1,580,036</b>	<b>738,720</b>	<b>46.75%</b>	<b>\$ 14,174</b>	<b>\$ 68,545</b>	<b>\$ 35,345</b>	<b>51.56%</b>	<b>85,956</b>	<b>164,722</b>	<b>215,976</b>	<b>131.12%</b>	<b>101,108</b>	<b>24.85</b>	<b>1,115,788</b>	<b>2,813,309</b>

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

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

\* Denotes a core EE offering.

**Appendix C- Energy Efficiency and PDR Savings Summary – LMI**  
For Period Ending PY23Q3

		Participation		Incentive Expenditures (Customer Rebates and Low/no-cost financing)		Ex Ante Energy Savings	
		A	B	C	D	E	F
		Reported Participation Number YTD		Reported Incentive Costs YTD (\$000) <sup>3</sup>		Reported Retail Energy Savings YTD (MWh)	
Residential Programs	Sub Program or Offering	LMI	Non-LMI or Unverified	LMI	Non-LMI or Unverified	LMI	Non-LMI or Unverified
Efficient Products	HVAC	79	2,337	\$ 22	\$ 744	26	971
	Appliance Rebates	213	5,131	\$ 12	\$ 336	34	1,133
	Appliance Recycling	222	4,706	\$ 20	\$ 399	247	5,238
	Energy Efficient Kits	47,296	160,717	\$ 1,957	\$ 6,492	21,072	65,727
	Lighting	-	384,500	\$ -	\$ 1,710	-	64,708
	Online Marketplace	456	13,612	\$ 35	\$ 1,063	65	1,903
	Subtotal Efficient Products <sup>2</sup>	48,266	571,003	\$ 2,046	\$ 10,744	21,442	139,682
Existing Homes	Home Performance with Energy Star <sup>1</sup>	-	64	\$ -	\$ 304	-	245
	Quick Home Energy Check-Up	174	1,136	\$ 42	\$ 294	132	994
	Moderate Income Weatherization	239	-	\$ 73	\$ -	78	-
Home Energy Education & Management	Behavioral	32,600	78,500	\$ -	\$ -	82	4,231
	Online Audits	296	4,836	\$ -	\$ -	37	600
	Subtotal Home Energy Education & Management <sup>2</sup>	32,896	83,336	\$ -	\$ -	119	4,831
<b>Total Residential<sup>2</sup></b>		<b>81,575</b>	<b>655,539</b>	<b>\$ 2,161</b>	<b>\$ 11,342</b>	<b>21,771</b>	<b>145,751</b>
<b>Multifamily Programs</b>	<b>Sub Program or Offering<sup>1</sup></b>						
Multi-Family	HPwES	-	-	\$ -	\$ -	-	-
	Direct Installation/MF QHEC	105	493	\$ 19	\$ 78	47	153
<b>Other Programs</b>							
Home Optimization & Peak Demand Reduction		-	-	\$ -	\$ -	-	-
<b>Total Other<sup>2</sup></b>		<b>-</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>Portfolio Total<sup>2</sup></b>		<b>81,680</b>	<b>656,032</b>	<b>\$ 2,180</b>	<b>\$ 11,420</b>	<b>21,818</b>	<b>145,905</b>

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

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

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

**Appendix D- Energy Efficiency and PDR Savings Summary - Business Class**  
 For Period Ending PY23Q3

		Participation		Incentive Expenditures (Customer Rebates and Low/no-cost financing)		Ex Ante Energy Savings	
		A	B	C	D	E	F
		Reported Participation Number YTD		Reported Incentive Costs YTD (\$000) <sup>2</sup>		Reported Retail Energy Savings YTD (MWh)	
Business Programs	Sub Program or Offering	Small Commercial	Large Commercial	Small Commercial	Large Commercial	Small Commercial	Large Commercial
C&I Direct Install	Direct Install	297	-	\$ 2,671	-	6,672	-
Energy Solutions for Business	Prescriptive/Custom	573	138	\$ 7,970	\$ 1,117	38,167	3,415
	Energy Management	-	-	\$ -	\$ -	-	-
	Engineered Solutions	-	-	\$ -	\$ -	-	-
<b>Total Business<sup>1</sup></b>		<b>870</b>	<b>138</b>	<b>\$ 10,640</b>	<b>\$ 1,117</b>	<b>44,839</b>	<b>3,415</b>
Multifamily	Sub Program or Offering						
Multifamily	Prescriptive/Custom	-	-	\$ -	\$ -	-	-
	Engineered Solutions	-	-	\$ -	\$ -	-	-
<b>Portfolio Total<sup>1</sup></b>		<b>870</b>	<b>138</b>	<b>\$ 10,640</b>	<b>\$ 1,117</b>	<b>44,839</b>	<b>3,415</b>

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

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

**Appendix E- Annual Report Baseline Calculation**  
**For Period Ending PY23Q3**

Energy Efficiency Compliance Baselines and Benchmarks (MWh)												
Electric Utility	Plan Year	Sales Period	Sales (MWh)	Adjustments (MWh)	Adjusted Retail Sales (MWh)	Compliance Baseline (MWh)	Overall Annual Energy Reduction Target (%)	Overall Annual Energy Reduction Target (MWh)	State-Administered Annual Energy Reduction Target (%)	State-Administered Annual Energy Reduction Target (MWh)	Utility-Administered Annual Energy Reduction Target (%)	Utility-Administered Annual Energy Reduction Target (MWh)
			(A)	(B)	(C) = (A)-(B)	(D) = Average (C)	(E)	(F) = (E) * (D)	(G)	(H) = (G) * (D)	(I)	(J) = (I) * (D)
JCP&L	2020	7/1/19 - 6/30/20	19,957,324	-	19,957,324							
	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							
	Plan year 2023					20,066,367	1.10%	220,730	0.36%	72,239	0.74%	148,491

**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.