

May 31, 2022

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 – 3rd Quarter
Program Year 2022
DOCKET NOS. QO1901040, QO19060748 & QO17091004**

Dear Acting Secretary Diaz:

Jersey Central Power & Light Company (“JCP&L” or “Company”) hereby files its Quarterly Progress for third quarter (“Q3”) of Program Year 2022¹ (“PY22”) with respect to its Clean Energy Act of 2018 Energy Efficiency (“EE”) and Peak Demand Reduction (“PDR”) Programs.

Energy Efficiency Program Progress - Executive Summary:

Overall Portfolio

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”), preparing to launch coordinated program offerings in conjunction with other New Jersey Utilities² (“Joint Utilities”), and providing new expanded energy efficiency opportunities for the Company’s customers. JCP&L developed its EnergySaveNJ website³, 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 Order⁴.

¹ Program Year 2022 runs from July 1, 2021, through June 30, 2022. 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).

² 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).

³ <http://www.energysavenj.com/>

⁴ 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.

JCP&L offered all program elements scheduled for launch through the third quarter of its 2021-2024 Triennial Energy Efficiency and Conservation Plan⁵ (“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	Home Energy Education and Management Program	Oracle	7/1/2021
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

The full suite of program offerings delivered in the third quarter over 62,716 MWh, or 55.6% of the PY22 annual target as filed in JCP&L’s EEC Plan. Combined with prior savings, year-to-date savings through the first three quarters of the program year achieved over 77,142 MWh, or 68.3% of the PY22 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 second quarter, customer financing expanded to include the Commercial & Industrial Direct Install program with Prescriptive and Custom segments of the Energy Solutions for Business program. NEIF held contractor training with the launch of the program and segments. Financing for additional offerings is anticipated to be available in early PY23.

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 Utility⁶ and a Partner Utility⁷. 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

⁵ 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.

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

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

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 within this quarterly 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 reflects savings for JCP&L's primary fuel only.

COVID-19 and Economic Impacts

JCP&L closely monitors developments related to COVID-19. The Company's primary focus during the pandemic is to protect the health and safety of our customers, employees and contractors. As the pandemic continues, the Company will continue to closely monitor operations for both Residential and C&I programs, and to follow all guidance and directives provided by federal, state and local governmental authorities.

The effects of the COVID-19 pandemic are being seen in program performance – for example, lower contractor participation, labor shortages, supply chain issues and return-to-work impacts. In addition, programs that require customer interaction with third parties are being impacted due in large part to customer hesitancy about having people in their homes or businesses. The Company expects JCP&L's program performance to improve as impacts of the pandemic lessen.

Residential Sector

The Company and its TPICs continue to focus on 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. Program elements contained in the Company's approved EEC Plan but not listed below will be launched at a later date.

The following programs contributed savings in the third quarter reporting period:

Efficient Product Program

- The HVAC offering processed rebates for over 300 HVAC measures during the quarterly reporting period. The Company continued to work on educating HVAC contractors and distributors on the program and educated contractors on JCP&L's third-party financing program through NEIF.
- The Appliance Rebates offering processed rebates for over 1,500 customers during the quarterly reporting period. The Company marketed the rebate offerings via digital ads, bill inserts, e-mail, via the Online Audit offering, and in retail locations. The Company continues to visit retail stores in its service territory, placing promotional signage and educating retail employees on rebates available to customers.
- The Company responsibly picked up and recycled 1,165 refrigerators and freezers and 185 room air conditioners and dehumidifiers through the Appliance Recycling offering during the quarterly reporting period. This offering is marketed to customers through the Company website, bill inserts, paid search ads, social media posts, e-mails in retailers, and is being promoted through inserts in the Company's Energy Efficiency kits.
- The Company's Lighting offering is driving a high level of savings within the Efficient Products Program. Customers purchased and received instant discounts on over 238,000 packages of high-efficient lighting in retail locations throughout the Company's service territory during the quarterly reporting period. The Company visited retail locations in our service territory and provided lighting demonstrations and education for customers.
- The Company's Online Marketplace received over 800 orders resulting in the sale of over 1,700 products. Smart Thermostats accounted for over 1,000 of the roughly 1,700 products sold during the quarterly reporting period. The Online Marketplace was marketed on the Company website, bill inserts, through e-

mails, and social media posts. Through the Company's Energy Efficiency ("EE") Kits offering, over 50,750 EE Kits were delivered to new residents and customers upon request in the quarterly reporting period. The EE Kits include easy-to-install energy efficiency measures, as well as educational and promotional materials on other EEC program offerings.

Existing Homes Program

- The Home Performance with ENERGY STAR ("HPwES") subprogram completed 8 projects during the quarterly reporting period. The Company continues to educate contractors about the program and hosts a monthly meeting with the other utilities across the state to work with contractors regarding the subprogram. The Company also continues to educate contractors on JCP&L's third-party financing program through NEIF. This program was marketed through a bill insert in March, through display ads on the internet, in the Company's Online Audit tool, and in the Company's EE Kits.
- The Quick Home Energy Check-up ("QHEC") subprogram performed 254 audits during the quarterly reporting period. The program was marketed through a bill insert in January, direct mail and emails in January, February, and March, display ads on internet searches, in the Company's Online Audit tool, and in Energy Efficiency Kits. JCP&L also incorporated display ads on internet searches. The Moderate-Income Weatherization subprogram completed 54 audits that included direct install items, such as LED lighting, smart strips, low flow showerheads, aerators, etc. during the quarterly reporting period. The Company will work with customers served in the third quarter to provide more comprehensive measures during the fourth quarter. This program targets customers through phone calls and direct mail campaigns that had incomes too high to previously qualify for Comfort Partners. The subprogram also screens customers through the QHEC offering to identify those customers that would be better served under this subprogram.

Home Energy Education and Management Program

- 3,000 customers completed the Company's Online Audit tool, the Home Energy Analyzer, in the quarterly reporting period. 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 which energy efficiency programs offered by the utilities are available.

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, municipalities, schools, and nonprofit organizations 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 certain project costs through JCP&L with zero percent financing for up to 5 years. During this quarter, to increase program awareness and participation, Willdan continued its outreach and marketing campaigns through multiple channels, including attending local Chamber of Commerce events and by on-boarding over 20 participating program allies who have been trained to promote and sell this program to qualifying customers. To educate customers, Willdan created a list of participating program allies on the program website. In this quarter, to further increase the program reach and participation, Willdan launched an active out-bound calling campaign targeting eligible customers. Willdan also hosted financial program training for these program

allies. 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 four measures under this subprogram: a) HVAC Tune-Up; b) Building Tune-Up; c) Retro-Commissioning; d) Strategic Energy Management. JCP&L launched this subprogram on October 1, 2021 and hired Willdan as its TPIC. To launch this offering, Willdan launched a focused website and added FAQs and 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. 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 launched a focused website and added FAQs and 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. 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 emergency replacement activities in the market. The subprogram also provides midstream or upstream incentives or buydowns to support manufacturers, distributors, contractors, and retailers that sell select energy efficient products. Measures supported by the subprogram include energy efficient lighting, appliances, heating and cooling equipment, and food service equipment, among other efficiency measures. In this quarter, TRC added Type A, B, AB, and C LED Linear Replacement Lamps as eligible measures under the subprogram. To keep the market engaged and to continue to increase program awareness and participation, TRC has continued its outreach and marketing campaigns through multiple channels – hosting webinars for customers and program allies, undertaking e-blasts and calling campaigns, attending outreach events, and developing new marketing materials. To help customers with capital funding of qualified projects, TRC has 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 is working to implement Google Translator app on the program website; this will be launched in the next quarter. As stated in the last quarterly report, TRC translated program FAQs, an incentive guide and quick reference guide into Spanish. In this quarter, TRC has initiated steps to reach customers in the Overburdened Communities (OBC) as defined by the New Jersey Department of Environmental Protection (NJDEP). To that end, TRC has implemented GIS Mapping tool to identify and target customers in these OBCs. In February, TRC hosted a webinar focused on reaching customers in these communities. During this quarter, TRC launched amid-stream (instant discount) HVAC and food services offerings and recruited HVAC and food services distributors in these offerings. To promote this new delivery channel, TRC created e-blasts, point of

purchase counter signs, an instant discount incentive guide and enhanced the existing program website. The Company continues to leverage internal resources – through customer support representatives and regional external affairs consultants – to promote the subprogram to assigned accounts.

Multifamily Sector

JCP&L worked with its TPICs and the other Joint Utilities to launch coordinated utility-run Multifamily offerings.

- The Multifamily Direct Install, Home Performance, and Engineered Solutions offerings did not complete projects during the quarterly reporting period
- While there have been no reportable energy savings to date, JCP&L worked with several properties during the quarter to determine the needs of multifamily properties to begin work during future periods.

Figure 1 shows energy savings achievements during the quarter compared against expenditures.

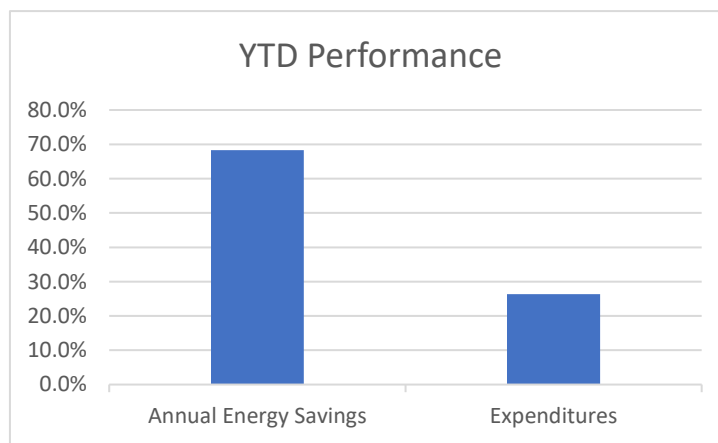


Figure 1: YTD performance of Annual Energy Savings and Budget

As shown in the following table, JCP&L achieved 62,716 MWh of annual energy efficiency savings and 873,543 MWh of lifetime savings in this period.

Table 1 – Quarterly Progress Table⁷

	Current Quarter Retail Savings ¹	YTD Retail Savings ²	Current Quarter Wholesale Savings ³	Energy Efficiency Baseline ⁴	YTD Savings as Percent of Baseline	Annual Utility Retail Savings Target (MWh)	Percent of Annual Target Achieved
Annual Energy Savings (MWh)	62,716	77,142	73,803	20,312,466	0.380%	112,888	68.34%
Lifetime Savings (MWh)	873,543	1,031,836	1,028,160				
Annual Demand Savings (MW)	5.10	6.53	6.01				
Low/Moderate-Income Lifetime Savings (MWh) ⁵	14,283	24,110	21,841				
Small Commercial Lifetime Savings (MWh) ⁶	36,627	43,566	43,110				

¹ Calculated savings at the retail (customer meter) level. Savings are estimated from participation counts and TRM calculations, where applicable.

² Encompasses all ex-ante savings for the Plan Year, including prior period adjustments.

³ 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.

⁴ 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

⁵ Low/Moderate-Income lifetime savings are the total of Comfort Partners, or any income-qualified Residential or Multifamily program. Table 1 LMI lifetime savings are estimates in this report and will be updated in future YTD reported values.

⁶ Small Commercial lifetime savings are Direct Install Program savings and those from commercial and industrial (“C&I”) small business customers (<200 kW peak demand) in other programs.

⁷ Individual line items as listed in this table may differ slightly due to rounding.

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 30% of its annual Plan forecast through the reporting period.

Commercial & Industrial

Participation in the C&I sector is mainly driven by customer activity in the Direct Install and Prescriptive/Custom program, as well as the mid-stream lighting offering. As JCP&L transitions from PY1 to PY2, the level of

participation is expected to grow across all programs. The C&I sector achieved less than 1% of its annual Plan forecast through the reporting period.

Multifamily

While there have been no reportable participants to date, JCP&L worked with several properties during the third quarter to determine the needs of multifamily properties to begin work in future periods. The Multifamily sector achieved 0% of its annual Plan forecast through the reporting period.

Table 2 – Quarterly Sector-Level Participation

Sector ¹	Current Quarter Participants	YTD Participants	Annual Forecasted Participants	Percent of Annual Forecast
Residential	296,707	350,189	1,165,738	30.04%
Multifamily	-	-	1,984	0.00%
C&I	79	107	223,369	0.05%
Reported Totals for Utility Administered Programs ³	296,786	350,296	1,391,091	25.18%
Comfort Partners ²	238	603	5,985	N/A
Utility Total ³	297,024	350,899	1,397,076	N/A

¹ Please note that these numbers are totals across all programs within a sector. The appendix shows the participation numbers for individual programs.

² 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.

³Individual line items or totals as listed in this table may differ slightly due to rounding.

Expenditures

Residential Sector

The Residential sector spent 34% of its annual Plan budget through the reporting period.

Commercial & Industrial Sector

The Commercial & Industrial sector spent 15% of its annual Plan budget through the reporting period.

Multifamily Sector

The Multifamily sector spent 13% of its annual Plan budget through the reporting period.

Table 3 – Quarterly Sector-Level Expenditures¹

Expenditures	Current Quarter Expenditures (\$000)	YTD Expenditures (\$000)	Annual Budget Expenditures (\$000)	Percent of Annual Budget
Residential	\$ 5,176	\$ 9,168	\$ 26,580	34.49%
Multifamily	\$ 58	\$ 246	\$ 1,870	13.14%
C&I	\$ 979	\$ 2,515	\$ 16,782	14.99%
Reported Totals for Utility Administered Programs ³	\$ 6,213	\$ 11,929	\$ 45,232	26.37%
Comfort Partners ²	\$ 1,122	\$ 2,795	\$ 5,050	N/A
Utility Total ³	\$ 7,335	\$ 14,724	\$ 50,282	N/A

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

² 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.

³ Individual line items or totals as listed in this table may differ slightly due to rounding.

Annual Energy Savings

Residential Sector

During this quarter, JCP&L focused on working with its TPICs to deliver programs and educate customers, contractors, and retailers on the JCP&L suite of Residential programs. Through the third quarter of the program year, the residential sector achieved nearly 108% of its annual target.

Commercial & Industrial

During this quarter, JCP&L focused on working with its TPICs to increase program awareness of all C&I programs, including the mid-stream lighting program, and to build a pipeline of projects to be closed in later periods. Through the third quarter of the program year, the commercial sector achieved approximately 7% of its annual target and has a pipeline of projects in development of nearly 34,000 MWh.

JCP&L and its TPICs continue to see significant impacts of the pandemic affecting the C&I sector and the ability for certain businesses to participate in the Company's offerings. Energy efficiency trade allies continue to report staffing shortages and impacts to equipment availability and pricing. In addition, many commercial facilities continue to operate at less than full occupancy, with restricted access for non-essential personnel, and with capital being directed towards items other than efficiency investments. JCP&L continues to work with its TPICs to address these impacts through customer outreach, program marketing, and trade ally education. Energy savings levels are expected to grow across all programs as impacts of the pandemic lessen and JCP&L transitions from PY1 to PY2.

Multifamily

During this quarter, JCP&L focused 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 0% of its annual target.

Table 4 – Quarterly Sector-Level Annual Energy Savings¹

Annual Energy Savings	Current Quarter Retail (MWh)	YTD Retail (MWh)	Annual Target Retail Savings (MWh)	Percent of Annual Target
Residential	60,257	74,135	68,456	108.30%
Multifamily	-	-	1,110	0.00%
C&I	2,460	3,007	43,321	6.94%
Reported Totals for Utility Administered Programs ³	62,716	77,142	112,887	68.34%
Comfort Partners ²	268	635	5,026	N/A
Utility Total ³	62,984	77,777	117,913	N/A

¹ Annual energy savings represent the total expected annual savings from all energy efficiency measures within each sector.

² 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.

³ Individual line items or totals as listed in this table may differ slightly due to rounding.

Portfolio Expenditures Breakdown

The following table provides quarterly, and Year To Date (“YTD”) costs as compared to the full-year budget. Company costs for the reporting period were 26.37% of the PY1 budget. JCP&L focused this quarter on transitioning to steady-state operations and TPIC start-up activities for new offerings, and fully expects spending to accelerate once all programs are fully operational.

Table 5 – Quarterly costs and budget variances by category¹

Total Utility EE/PDR	Quarter Reported (\$000)	YTD Reported (\$000)	Full Year Budget (\$000)	Percent of Budget Spent
Capital Costs	\$ -	\$ -	\$ -	0.00%
Utility Administration	\$ 516	\$ 1,721	\$ 4,275	40.26%
Marketing	\$ 190	\$ 344	\$ 1,647	20.90%
Outside Services	\$ 1,163	\$ 3,741	\$ 12,431	30.09%
Rebates ²	\$ 4,145	\$ 5,822	\$ 22,500	25.87%
No- or Low-Interest Loans	\$ 84	\$ 84	\$ 2,376	3.54%
Evaluation, Measurement & Verification (“EM&V”)	\$ 115	\$ 217	\$ 1,698	12.79%
Inspections & Quality Control	\$ -	\$ -	\$ 307	0.00%
Utility EE/PDR Total³	\$ 6,213	\$ 11,929	\$ 45,233	26.37%

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

² Rebates category includes rebates and other direct investments.

³ Individual line items or totals as listed in this table may differ slightly due to rounding.

Equity Metrics

JCP&L devoted considerable time during PY22Q3 to the development of infrastructure and processes supporting equity metric reporting. These 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 met⁸, and metrics reported herein reflect further direction from BPU Staff⁹. 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. These data are compiled into Table 6 detailing Quarterly Equity Performance. JCP&L will continue to monitor these metrics as programs and offerings mature throughout the Triennial period.

Residential Sector

Based on successful partnerships with foodbanks in other jurisdictions, JCP&L continued discussions during the reporting period with the Fulfill Foodbank of Monmouth and Ocean Counties to distribute energy saving lighting kits. Fulfill contacted its partner foodbanks and provided the approximate number of customers served at each location. The Company ordered kits to be delivered at foodbanks in May 2022. The Company also held an educational event at The Home Depot in East Windsor, New Jersey, located in an OBC. There was also an event at The Home Depot in Morganville, New Jersey, which is located by and that targets customers living within the

⁸ 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.

⁹ Per guidance from BPU Staff, Overburdened Communities as used in Table 6 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.

nearby OBC. During these events representatives highlighted efficient lighting technologies and educated several customers on LEDs--effectively moving the customers from purchasing CFLs to choosing to purchase LEDs. The representatives also helped several customers in the Appliance area of the store.

Commercial & Industrial Sector

During PY22Q3, TRC initiated steps to reach customers in OBCs--implementing a GIS Mapping tool to identify and target customers in these focused areas. These customers received an eblast webinar invitation to a dedicated webinar about benefits and how to participate in the programs. The webinar was held in February and had 56 unique attendees. To better meet the needs of non-English speaking customers, TRC is working to implement Google Translator app on the program website that is expected be launched in the next quarter.

Multifamily

To date, there has been no specific activity for Multifamily in OBC's. The program's focus has been on widespread education to begin gaining traction. After the completion of this widespread education, JCP&L plans to turn its focus to specific communities.

Table 6 – Quarterly Equity Performance

Territory-Level Benchmarks	Over-burdened ¹	Non-Over-burdened	Ratio ²
# of Household Accounts ³	95,150	920,314	0.10
# of Business Accounts ³	12,518	119,965	0.10
Total Annual Energy (MWh) ⁴	1,399,092	18,698,181	0.07

Programs	Sub Program or Offering	Type of Sub Program/Offering	Quarter Over-burdened ¹	Quarter Non-Over-burdened	Ratio ²	YTD Over-burdened	YTD Non-Over-burdened	Ratio
Participation								
Residential - Efficient Products	HVAC	Core	13	306	0.04	37	700	0.05
	Appliance Rebates	Core	100	1,443	0.07	191	3,281	0.06
	Appliance Recycling	Core	64	1,057	0.06	183	3,555	0.05
	Energy Efficient Kits	Core	6,559	44,193	0.15	8,300	57,452	0.14
	Lighting ⁵	Core	9,451	228,563	0.04	12,291	245,622	0.05
	Online Marketplace	Core	101	1,545	0.07	653	9,341	0.07
Residential - Existing Homes	Home Performance with Energy Star	Core	2	6	0.33	2	22	0.09
	Quick Home Energy Check-Up	Additional	33	221	0.15	65	335	0.19
	Moderate Income Weatherization	Additional	9	40	0.23	9	49	0.18
Home Energy Education & Management	Behavioral - Online Audits	Additional	249	2,752	0.09	626	7,475	0.08
C&I Direct Install	Direct Install	Core	-	2	-	-	4	-
Energy Solutions for Business	Prescriptive/Custom	Core	9	68	0.13	14	89	0.16
Total Core Participation ⁶			16,299	277,183	0.06	21,671	320,066	0.07
Total Additional Participation ⁶			291	3,013	0.10	700	7,859	0.09
Total Participation⁶			16,590	280,196	0.06	22,371	327,925	0.07
Annual Energy Savings								
Residential - Efficient Products	HVAC	Core	6	130	0.05	15	275	0.05
	Appliance Rebates	Core	22	333	0.07	40	641	0.06
	Appliance Recycling	Core	74	1,167	0.06	206	3,930	0.05
	Energy Efficient Kits	Core	2,612	17,501	0.15	3,286	22,592	0.15
	Lighting	Core	1,340	36,196	0.04	1,665	38,713	0.04
	Online Marketplace	Core	11	196	0.06	86	1,178	0.07
Residential - Existing Homes	Home Performance with Energy Star	Core	9	17	0.53	9	68	0.13
	Quick Home Energy Check-Up	Additional	38	207	0.18	71	325	0.22
	Moderate Income Weatherization	Additional	3	22	0.12	3	29	0.09
Home Energy Education & Management	Behavioral - Online Audits	Additional	31	341	0.09	78	927	0.08
C&I Direct Install	Direct Install	Core	-	119	-	-	221	-
Energy Solutions for Business	Prescriptive/Custom	Core	321	2,021	0.16	553	2,233	0.25
Total Core Annual Energy Savings ⁶			4,395	57,679	0.08	5,860	69,851	0.08
Total Additional Annual Energy Savings ⁶			72	570	0.13	152	1,281	0.12
Total Annual Energy Savings⁶			4,467	58,249	0.08	6,011	71,132	0.08
Lifetime Energy Savings								
Residential - Efficient Products	HVAC	Core	91	1,935	0.05	219	4,087	0.05
	Appliance Rebates	Core	230	3,461	0.07	426	6,844	0.06
	Appliance Recycling	Core	363	5,682	0.06	1,004	19,003	0.05
	Energy Efficient Kits	Core	33,094	222,755	0.15	41,772	288,643	0.14
	Lighting	Core	20,103	542,935	0.04	24,976	580,699	0.04
	Online Marketplace	Core	96	1,882	0.05	849	11,186	0.08
Residential - Existing Homes	Home Performance with Energy Star	Core	108	182	0.59	108	559	0.19
	Quick Home Energy Check-Up	Additional	508	2,804	0.18	963	4,396	0.22
	Moderate Income Weatherization	Additional	40	322	0.13	40	427	0.09
Home Energy Education & Management	Behavioral - Online Audits	Additional	31	341	0.09	78	927	0.08
C&I Direct Install	Direct Install	Core	-	1,787	-	-	3,316	-
Energy Solutions for Business	Prescriptive/Custom	Core	4,774	30,017	0.16	8,258	33,057	0.25
Total Core Lifetime Energy Savings ⁶			58,860	810,636	0.07	77,611	947,395	0.08
Total Additional Lifetime Energy Savings ⁶			579	3,468	0.17	1,081	5,750	0.19
Total Lifetime Energy Savings⁶			59,439	814,104	0.07	78,692	953,144	0.08

¹ 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).

² The Ratio column shows the ratio of the overburdened metric over the non-overburdened metric. 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.

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

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

⁵ 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.

⁶ Individual line items or totals as listed in the OBC table may differ slightly from those results in Appendix B table due to rounding.

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, flowing style.

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	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 PY22Q3

	Sub Program or Offering ¹	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
		Current Quarter	Annual Forecasted Participation Number	Reported Participation Number YTD	YTD % of Annual Participants	Current Quarter (\$000)	Annual Forecasted Program Costs (\$000) ²	Reported Program Costs YTD (\$000)	YTD % of Annual Budget	Current Quarter Annual Retail Energy Savings (MWh)	Annual Forecasted Retail Energy Savings (MWh)	Reported Retail Energy Savings YTD (MWh)	YTD % of Annual Energy Savings	Current Quarter Reported Wholesale Energy Savings (MWh)	Peak Demand Savings YTD (MW)	Current Quarter Lifetime Retail Savings (MWh)
Residential Programs																
	HVAC*	319		737	N/A	\$ 267	-	\$ 797	N/A	136		290	N/A	160	0.17	2,027
	Appliance Rebates*	1,543		3,472	N/A	\$ 280	-	\$ 567	N/A	355		681	N/A	418	0.09	3,691
	Appliance Recycling*	1,121		3,738	N/A	\$ 280	-	\$ 880	N/A	1,242		4,136	N/A	1,461	0.65	6,046
	Energy Efficient Kits ^{3*}	50,752		65,752	N/A	\$ 2,089	-	\$ 2,759	N/A	20,113		25,878	N/A	23,673	2.02	255,849
	Lighting*	238,014		257,913	N/A	\$ 1,387	-	\$ 1,794	N/A	37,536		40,378	N/A	44,180	3.03	563,037
	Online Marketplace*	1,646		9,994	N/A	\$ 288	-	\$ 921	N/A	207		1,264	N/A	244	0.03	1,979
	Subtotal Efficient Products ⁵	293,395	1,161,788	341,606	29.40%	\$ 4,591	\$ 16,874	\$ 7,718	45.74%	59,588	66,477	72,627	109.25%	70,136	5.99	832,628
	Home Performance with Energy Star*	8	500	24	0	\$ 223	\$ 4,367	\$ 689	15.79%	26	687	77	11.14%	30	-	290
	Quick Home Energy Check-Up	254	1,500	400	0	\$ 139	\$ 1,824	\$ 324	17.79%	245	713	397	55.67%	288	0.03	3,312
	Moderate Income Weatherization	49	300	58	0	\$ 142	\$ 3,241	\$ 337	10.40%	25	375	31	8.40%	29	0.00	363
	Behavioral - Home Energy Reports ³	-	-	-	N/A	\$ -	\$ -	\$ -	-	-	-	-	-	-	-	-
	Behavioral - Online Audits	3,001	1,650	8,101	491%	\$ 82	\$ -	\$ 99	N/A	372	204	1,005	493%	438	-	372
	Subtotal Home Energy Education & Management ³	3,001	1,650	8,101	491%	\$ 82	\$ 274	\$ 99	36.05%	372	204	1,005	493%	438	-	372
	Total Residential⁵	296,707	1,165,738	350,189	30.04%	\$ 5,176	\$ 26,580	\$ 9,168	34.49%	60,257	68,456	74,135	108.30%	70,921	6.01	836,965
Business Programs																
	Direct Install*	2	120	4	3.33%	\$ 170	\$ 3,217	\$ 554	17.22%	119	4,064	221	5.44%	140	0.04	1,787
	Prescriptive/Custom*	77	223,247	103	0.05%	\$ 765	\$ 13,048	\$ 1,757	13.46%	2,341	38,982	2,786	7.15%	2,742	0.48	34,791
	Energy Management ³	-	1	-	0.00%	\$ 23	\$ -	\$ 105	N/A	-	-	-	N/A	-	-	-
	Engineered Solutions ³	-	1	-	0.00%	\$ 22	\$ 517	\$ 100	19.34%	-	275	-	0.00%	-	-	-
	Total Business⁵	79	223,369	107	0.05%	\$ 979	\$ 16,782	\$ 2,515	14.99%	2,460	43,321	3,007	6.94%	2,882	0.52	36,578
Multifamily Programs																
	HPWES*	-	-	-	N/A	\$ -	\$ -	\$ -	N/A	-	-	-	N/A	-	-	-
	Direct Install*	-	-	-	N/A	\$ -	\$ -	\$ -	N/A	-	-	-	N/A	-	-	-
	Prescriptive/Custom ^{3*}	-	-	-	N/A	\$ -	\$ -	\$ -	N/A	-	-	-	N/A	-	-	-
	Engineered Solutions ^{3*}	-	-	-	N/A	\$ -	\$ -	\$ -	N/A	-	-	-	N/A	-	-	-
	Subtotal Multi-Family ⁵	-	1,984	-	-	\$ 58	\$ 1,870	\$ 246	13.14%	-	1,110	-	0.00%	-	-	-
	Home Optimization & Peak Demand Reduction ³	-	-	-	N/A	\$ -	\$ -	\$ -	N/A	-	-	-	N/A	-	-	-
	Total Other⁵	-	-	-	N/A	\$ -	\$ -	\$ -	N/A	-	-	-	N/A	-	-	-
Portfolio Total⁵		296,786	1,391,091	350,296	25.18%	\$ 6,213	\$ 45,232	\$ 11,929	26.37%	62,716	112,887	77,142	68.34%	73,803	6.53	873,543
Supportive Costs Outside Portfolio⁴							\$ -		N/A							

¹ 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

² 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.

³ Was not offered during this reporting period; however start up costs may have been incurred

⁴ Please note JCP&L's EEPDR filing did not include supportive costs outside of portfolio

* Denotes a core EE offering. Home Performance with Energy Star only includes non-LMI; the comparable program for LMI participants is Comfort Partners, which is jointly administered by the State and Utilities.

Appendix C - Energy Efficiency and PDR Savings Summary - LMI
For Period Ending PY22Q3

		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)		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	16	721	\$ 0	\$ 39	4	286
	Appliance Rebates	125	3,347	\$ 10	\$ 233	30	651
	Appliance Recycling	54	3,684	\$ 3	\$ 211	59	4,077
	Energy Efficient Kits	1,965	63,787	\$ 75	\$ 2,422	780	25,098
	Lighting	-	257,913	\$ -	\$ 971	-	40,378
	Online Marketplace	461	9,533	\$ 51	\$ 1,111	61	1,203
	Subtotal Efficient Products ²	2,621	338,985	\$ 140	\$ 4,988	932	71,694
Existing Homes	Home Performance with Energy Star ¹	1	23	\$ 0	\$ 77	0	76
	Quick Home Energy Check-Up	116	284	\$ 203	\$ 457	125	271
	Moderate Income Weatherization	19	39	\$ 5	\$ 10	12	20
Home Energy Education & Management	Behavioral - Home Energy Reports	-	-	\$ -	\$ -	-	-
	Behavioral - Online Audits	3,523	4,578	\$ -	\$ -	437	568
	Subtotal Home Energy Education & Management ²	3,523	4,578	\$ -	\$ -	437	568
Total Residential²		6,280	343,909	\$ 349	\$ 5,533	1,506	72,629
				\$ -	\$ -		
Multifamily Programs	Sub Program or Offering¹			\$ -	\$ -		
Multi-Family	HPWES	-	-	\$ -	\$ -		
	Direct Installation/MF QHEC	-	-	\$ -	\$ -		
Other Programs				\$ -	\$ -		
Home Optimization & Peak Demand Reduction		-	-	\$ -	\$ -		
Total Other²		-	-	\$ -	\$ -	-	-
				\$ -	\$ -		
Portfolio Total²		6,280	343,909	\$ 349	\$ 5,533	1,506	72,629

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

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

**Appendix D - Energy Efficiency and PDR Savings Summary - Business Class
For Period Ending PY22Q3**

		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)		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	4	-	\$ 58	\$ -	221	-
Energy Solutions for Business	Prescriptive/Custom	87	16	\$ 22	\$ 1	2,688	98
	Energy Management	-	-	\$ -	\$ -	-	-
	Engineered Solutions	-	-	\$ -	\$ -	-	-
Total Business¹		91	16	\$ 81	\$ 1	2,909	98
Multifamily	Sub Program or Offering						
Multifamily	Prescriptive/Custom	-	-	\$ -	\$ -	-	-
	Engineered Solutions	-	-	\$ -	\$ -	-	-
Other Programs				\$ -	\$ -		
Home Optimization & Peak Demand Reduction		-	-	\$ -	\$ -	-	-
Total Other¹				\$ -	\$ -		
Portfolio Total¹		91	16	\$ 81	\$ 1	2,909	98

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

**Appendix E Annual Report Baseline Calculation
For Period Ending PY22Q2**

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	2019	7/1/18 - 6/30/19	20,748,407	-	20,748,407							
	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							
	Plan Year 2022					20,312,466	0.00%	-	0.00%	-	0.00%	-

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) No formal targets were established for PY22 in the June 2020 CEA Framework Order