

IN THE MATTER OF THE IMPLEMENTATION OF P.L. 2018, c. 17 REGARDING THE ESTABLISHMENT OF ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION PROGRAMS, ET SEQ. ("EE FRAMEWORK")

DOCKET NOS. QO19010040, QO19060748 & QO17091004

VIA ELECTRONIC MAIL

Sherri L. Golden, Secretary State of New Jersey Board of Public Utilities 44 South Clinton Avenue, 9th Floor P.O. Box 350 Trenton, NJ 08625-0350

> Re: Docket No. QO19010040, QO19060748, QO17091004 Rockland Electric Company's EE Program Quarterly Progress Report for Program Year 2023

Dear Secretary Golden:

Pursuant to the Board of Public Utilities' ("Board" or "BPU") current filing procedures, Rockland Electric Company ("RECO" or the "Company") submits its Quarterly Progress Report for the first quarter¹ ("Q1") of Program Year 2023 ("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:

RECO has begun its second program year by continuing the successful performance that has been occurring since the start of 2022. The EE program portfolio has achieved 25% of its annual energy savings target, and the Company is encouraged by the increasing month-over-month participation rates and the committed pipeline of energy savings projects.

The strongest performing programs under RECO's portfolio were the Residential Efficient Products ("EP") and Commercial & Industrial Rebate ("C&I") programs. The EP program's performance was driven primarily by its Retail Lighting and Behavioral subcomponents, while the

¹ For the purposes of these quarterly reports, the numbering of the quarters align to these dates: Q1 (7/1/21- 9/30/21); Q2 (10/1/21 - 12/31/21); Q3 (1/1/22 - 3/31/22); Q4 (4/1/22 - 6/30/22).

C&I program's performance was driven primarily by the Prescriptive/Custom subcomponent. In addition, the Company is experiencing the ramp-up of two other program subcomponents, *i.e.*, the Online Marketplace in the EP program and Instant Lighting Incentives ("ILIP") in the C&I program, which are forecasted to achieve a high-level of customer participation in PY23.

RECO has continued its EE education and awareness campaign using a variety of tools including customer bill inserts, e-mail blasts, radio spots, and social media to communicate the available energy savings and incentives opportunities through each of the programs. The Company also continues to recruit and train new lighting and heating, ventilation, and air conditioning ("HVAC") contractors for the Commercial Direct Install ("CDI") and C&I programs.

Table 1 below sets forth the Company's overall performance as a percentage of retail sales, which includes retail sales reductions achieved by the Comfort Partners program. This is the primary program serving low-income customers and is co-managed by the New Jersey Division of Clean Energy in conjunction with RECO and the other investor-owned electric and gas utilities. Also included in the table are RECO's two pilot programs: Peak Demand Reduction and Clean Heat Beneficial Electrification.

Period Covered	Utility- Administered Retail Savings (MWh) ^{1,2}	Comfort Partners Retail Savings (MWh) ^{1,2}	Total Portfolio Retail Savings (MWh) ¹	Compliance Baseline (MWh) ²	Annual Target (%)	Annual Target (MWh)	Percent of Annual Target (%)
	(A)	(B)	(D) = (A)+(B)	(E)	(F)	(G) = (E)*(F)	(H) = (D) / (G)
Quarter	2,866	12	2,878				
YTD	2,866	12	2,878	1,578,317	0.74%	11,627	25%

Table 1 – Program Year 2023 Q1 Results

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

 2 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.

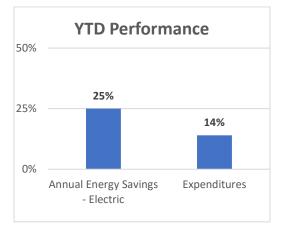


Figure 1: PY23 Performance of Annual Energy Savings and Budget

The quantitative performance indicators ("QPIs") established by the Board are intended to guide the utilities to design EE and PDR programs that are cost effective, as measured using the Utility Cost Test, and achieve the annual energy savings targets with a significant focus on deeper energy conservation measures ("ECMs") that have a long-lasting impact on the customers' premises.

Table 2 below sets forth the results of the QPIs for all programs for which utilities are responsible, inclusive of the CEA-funded programs, and Comfort Partners program (only included in low/moderate-income lifetime savings).

Electric	Quarter		Yea	r to Date				
	Utility- Administered Quarter Retail Savings	Comfort Partners Quarter Retail Savings	Total Portfolio Quarter Retail Savings	Utility- Administered YTD Retail Savings	Comfort Partners YTD Retail Savings	Total Portfolio YTD Retail Savings	Annual Target ¹	Percent of Annual Target Achieved
Annual Energy Savings								
(MWh)	2,866	12	2,878	2,866	12	2,878	11,627	25%
Lifetime Savings								
(MWh)	37,893	203	38,096	37,893	203	38,096	143,964	26%
Annual Demand								
Savings (MW)	4.41	0.002	4.412	4.410	0.002	4.412		
Low/Moderate-								
Income Lifetime								
Savings (MWh) ²	0	203	203	12	203	215		
Small Commercial								
Lifetime Savings								
(MWh) ³	23,058		23,058	23,058		23,058		

 Table 2 – Quantitative Performance Indicators

¹ Annual Targets reflect estimated impacts as filed in the Company's 2021-2024 Clean Energy EE/PDR Filing. Does not include Comfort Partners program.

² Low/Moderate-Income lifetime savings are the total of any income-qualified Residential or Multi-Family program, including Comfort Partners.

³ Small Commercial lifetime savings are Direct Install program savings and those from C&I small business customers (<200 kW peak demand) in other programs.

• Residential Programs Sector Summary:

RECO's Residential programs sector achieved a total of 963 MWh of electric energy savings during Q1 or 20% of forecast at a cost of approximately \$86K or 5%² of the Residential sector's allocated budget. This achievement was primarily due to the Retail Lighting subprogram which provides instant midstream rebates to customers who shop for general service and specialty LED lamps at qualifying retailers.

The Online Marketplace and Behavioral subprograms continued to ramp up during Q1 and were the primary contributors for RECO's overachievement of its residential customer participation forecast³ for the quarter. The Home Performance with ENERGY STAR ("HPwES") and the Moderate-Income Weatherization ("MIW") programs did not achieve energy savings in Q1. These programs require a longer lead time to obtain customer commitment because they cover a broad range of home improvement measures. There are approximately 40 project leads that the Company is currently pursuing.

• Multifamily Program Summary:

RECO's Multifamily program did not achieve energy savings during Q1. This lack of performance can be attributed to the longer lead time required to obtain customer commitment. Furthermore, RECO's residential customer demographic overwhelmingly consists of suburban single-family homes which makes it difficult to find and recruit larger multi-unit buildings for program participation.

• Commercial & Industrial Sector Summary:

RECO's C&I sector programs achieved a total of 1,903 MWh of electric energy savings during Q1 (30% of forecast) at a cost of approximately \$729K or 28% of the sector's allocated budget. This achievement was primarily due to the C&I Prescriptive/Custom subprogram which provides rebates to customers who utilize a qualified contractor to perform ECMs related to the lighting, controls, or HVAC systems within their existing facility along with Midstream Lighting or Instant Lighting Incentive program ("ILIP"). The program forecasts that it will deplete its PY23 incentive budget during Q2 and will begin expending unspent funds from the prior program year, as necessary.

The Commercial Direct Install program continued to ramp up during Q1 and completed its first 3 projects. This program services small business customers with an average peak demand < 200 kW and provides turnkey efficiency upgrades for lighting, refrigeration, and HVAC along with incentives that cover a significant percentage of the project cost.

² This cost amount does not include expenses related to the Behavioral subprogram which can take up to 12 months to get invoiced by the implementation vendor, due to the need to conduct measurement & verification on the data. ³ RECO's annual forecast of 2,702 participants did not include the count of treatment customers in the Behavioral subprogram. Furthermore, it assumed a definition for participants in the Online Marketplace and Retail Lighting subprograms as the quantity of unique customers rather than the quantity of ECM units sold. The latter being the accepted participant definition as indicated in Appendix A.

Table 3 – Sector-Level Participation

Sector ¹	Current Quarter Participants	YTD Participants	Annual Forecasted Participants	Percent of Annual Forecast
Residential	41,619	41,619	2,702	1,540%
Multifamily	-	-	28	0%
C&I	49	49	317	16%
Peak Demand Reduction	18,100	18,100	1,008	1,796%
Clean Heat Beneficial Electrification	-	-	144	0%
Reported Totals for Utility				
Administered Programs	59,768	59,768	4,199	1,423%
Comfort Partners	11	11	37	30%
Utility Total	59,779	59,779	4,236	1,411%

¹ Please note that these numbers are totals across all programs within a Sector. Appendix B shows the participation results for individual programs or offerings.

RECO did not experience any adjustments to budgets or incentives that required Board Staff or Board approvals.

Expenditures ¹	Curre	nt Quarter Expenditures (\$000)	YTC	Expenditures (\$000)	nnual Budget nditures (\$000)	Percent of Annual Budget
Residential	\$	86	\$	86	\$ 1,920	5%
Multifamily	\$	9	\$	9	\$ 395	2%
C&I	\$	729	\$	729	\$ 2,582	28%
Peak Demand						
Reduction	\$	(3)	\$	(3)	\$ 378	-1%
Clean Heat Beneficial						
Electrification	\$	6	\$	6	\$ 607	1%
Reported Totals for						
Utility Administered						
Programs	\$	826	\$	826	\$ 5,882	14%
Comfort Partners	\$	36	\$	36	\$ 311	12%
Utility Total	\$	862	\$	862	\$ 6,194	14%

Table 4 – Sector-Level Expenditures

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

Table 5 –Sector-Level Energy Savings

Electric

Annual Energy Savings ¹	Quarter Retail (MWh)	YTD Retail (MWh)	Annual Target Retail Savings (MWh)	Percent of Annual Target
Residential	963	963	4,944	20%
Multifamily	-	-	346	0%
C&I	1,903	1,903	6,337	30%
Peak Demand Reduction	N/A	N/A	N/A	#VALUE!

Clean Heat Beneficial Electrification	-	_	N/A	#VALUE!
Reported Totals for Utility				
Administered Programs	2,866	2,866	11,627	25%
Comfort Partners	12	12	N/A	#VALUE!
Utility Total	2,878	2,866	11,639	25%

¹ Annual energy savings represent the total expected annual savings from all EE measures within each Sector. Appendix B sets forth the annual energy savings results for individual programs or offerings.

² Peak Demand Reduction Pilot has target savings in MW and are not included in the portfolio's MWh total. Clean Heat Pilot has target savings in MMBtu and are not included in the portfolio's MWh total.

Portfolio Expenditures Breakdown

RECO spent a total of \$862K during Q1 or 14% of the annual budget. This expenditure includes incentives and implementation fees, which represent just over 90% of the total expense. The remaining 10% of the budget expenditure covers various overhead and support functions including marketing, program administration, Evaluation, Measurement & Verification ("EM&V"), and quality control inspections.

Total Utility EE/PDR	Quar	ter Reported (\$000)	۲٦	۲D Reported (\$000)	Fu	ıll Year Budget (\$000)	Percent of Annual Budget Spent
Capital Costs	\$	786	\$	786	\$	5,311	15%
Utility Administration	\$	76	\$	76	\$	401	19%
Marketing	\$	(1)	\$	(1)	\$	191	-1%
Outside Services	\$	83	\$	83	\$	1,310	6%
Rebates	\$	703	\$	703	\$	3,530	20%
No- or Low-Interest Loans	\$	-	\$	-	\$	471	0%
Evaluation, Measurement & Verification ("EM&V")	\$	-	\$	-	\$	241	0%
Inspections & Quality Control	\$	2	\$	2	\$	49	3%
Utility EE/PDR Total	\$	862	\$	862	\$	6,194	14%

¹Categories herein align to RECO's EE plan as approved by the BPU.

Equity Metrics

These equity metrics draw from the considerable work of the New Jersey Office of Environmental Justice's Overburdened Community ("OBC") designations. Pursuant to 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,⁴ and metrics reported herein reflect further direction from Board Staff.⁵

RECO's customer demographics reflect that <1% of its census block groups meet the definition of an OBC. In addition, due to the suburban/rural landscape of the Company's service territory, there is not a visible presence of local organizations that would typically serve these communities. However, the Company will explore other means to conduct outreach to these OBCs, such as through local foodbanks and community centers, as well as through targeted marketing including bill inserts and postcards. RECO is also working with the Workforce Development and Equity Working Group to coordinate with local organizations to be sure that the needs of this community are met.

⁴ N.J.S.A. 13:1D-157 provides that (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.

⁵ Per guidance from Board 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.

Table 7 – Equity Performance

Territory-Level Benchmarks	Overburdened ¹	Non- Overburdened	%OBC2
Population	644	72,740	0.9%
		,	
# of Household Accounts	565	64,046	0.9%
# of Business Acounts	79	8,694	0.9%
Total Annual Energy (MWh)	7,835	1,570,482	0.5%

	Type of Program/Offering	Quarter Overburdened ¹	Quarter Non- Overburdened	%OBC2	Annual Overburdened ¹	Annual Non- Overburdened	%OBC2
Participation							
Residential Efficient Products	Core	327	41,292	0.8%	327	41,292	0.8%
Existing Homes	Core						
Multi-Family	Core						
C&I Direct Install	Core	0	3	0.0%	0	3	0.0%
C&I Rebate	Core	5	41	10.9%	5	41	10.9%
Peak Demand Reduction	Pilot	155	17,945	0.9%	155	17,945	0.9%
Clean Heat Beneficial Electrification	Pilot						
NJCEP Comfort Partners	Joint	0	11	0.0%	0	11	0.0%
Total Core Participation		332	41,336	0.8%	332	41,336	0.8%
Total Non-Core Participation		155	17,956	0.9%	155	17,956	0.9%
Total Participation		487	59,292	0.8%	487	59,292	0.8%

Annual Energy Savings (MWh)							
Residential Efficient Products	Core	4	959	0.4%	4	959	0.4%
Existing Homes	Core						
Multi-Family	Core						
C&I Direct Install	Core	0	74	0.0%	0	74	0.0%
C&I Rebate	Core	72	1,757	4.0%	72	1,757	4.0%
Peak Demand Reduction	Pilot						
Clean Heat Beneficial Electrification	Pilot						
NJCEP Comfort Partners	Joint		12	0.0%		12	0.0%
Total Core Annual Energy Savings		77	2,790	2.7%	77	2,790	2.7%
Total Non-Core Annual Energy Savings			12	0.0%		12	0.0%
Total Annual Energy Savings		77	2,802	2.7%	77	2,802	2.7%
Lifetime Energy Savings (MWh)							
Residential Efficient Products	Core	13.1	10,600.0	0.1%	13.1	10,600.0	0.1%
Existing Homes	Core						
Multi-Family	Core						
C&I Direct Install	Core	0.0	1,108.0	0.0%	0.0	1,108.0	0.0%
C&I Rebate	Core	1,034.0	25,138.0	4.0%	1,034.0	25,138.0	4.0%
Peak Demand Reduction	Pilot						
Clean Heat Beneficial Electrification	Pilot						
NJCEP Comfort Partners	Joint	0.0	203.0	0.0%	0.0	203.0	0.0%
Total Core Lifetime Energy Savings		1,047	36,846	2.8%	1,047	36,846	2.8%
Total Non-Core Lifetime Energy Savings		0	203	0.0%	0	203	0.0%
Total Lifetime Energy Savings		1,047	37,049	2.7%	1,047	37,049	2.7%

¹ Across all programs, participation/expenditures/savings are classified as either in an Environmental Justice OBC census block or not based on the program participant's address. OBC census blocks were developed and defined by the NJ Department of Environmental Protection (<u>www.nj.gov/dep/ej/communities.html</u>). The OBC census blocks are defined using three criteria: (1) at least 35% of households qualify as low-income, (2) at least 40% of residents identify as minority, and (3) at least 40% of households have limited English proficiency. If any of the three criteria is satisfied, the 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.

² The %OBC column shows the ratio of the overburdened metric over the total of overburdened plus non-overburdened. Comparing the territory-level benchmark %OBC (upper table) with the program %OBC (lower table) shows how equitable the distribution of the program is between the overburdened and non-overburdened populations. If the program %OBC is greater than the benchmark %OBC, then the overburdened population is better represented in the program relative to the percentage of overburdened households or business in the utility territory.

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

⁴ Estimation of usage with OBC 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 OBC. This metric is not intended to identify individual participants who reside in OBCs, but rather the proportion of retail lighting sales stemming from locations serving OBCs aligned to Board 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.

Conclusion

The Company achieved 25% of its annual energy savings target and is on track to meet or exceed its total goals for PY23. The implementation plan that the Company initially established in its 2021 - 2024 Clean Energy Filing has begun to demonstrate success. Therefore, the Company proposes no changes at this time. The Company looks forward to continued collaboration with Board Staff and other stakeholders in achieving the State's energy savings goals.

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

Respectfully submitted,

/s/ Philip Madnick

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List of Appendices

The bolded appendices in list below also appear in the accompanying Annual Report Appendix Spreadsheet.

- Appendix A Participant Definitions
- Appendix B Energy Efficiency and PDR Savings Summary
- Appendix C Energy Efficiency and PDR Savings Summary, LMI Customers
- Appendix D Energy Efficiency and PDR Savings Summary, Business Customers
- Appendix E Annual Baseline Calculation

Appendix A – Participant Definitions

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

	Direct Install	Count based on number of projects completed (see approach)		
Multifamily	Prescriptive/Custom	Count based on number of applications/projects completed, not account number		
	Engineered Solutions	Count based on number of applications/projects completed, not account number		

Appendix B – Energy Efficiency and PDR Savings Summary

			Participa	tion			Actual Exp	penditures	
		А	В	С	D=C/B	E	F	G	H=G/F
		Current Quarter	Annual Forecasted Participation Number	Reported Participation Number YTD	YTD % of Annual Participants	Current Quarter (\$000)	Annual Forecasted Program Costs (\$000)1	Reported Program Costs YTD (\$000)	YTD % of Annual Budge
Residential Programs	Sub Program								
Efficient Products*	Appliance Recycling/Rebate, Behavioral, Retail Lighting, Marketplace, Midstream HVAC	41,619	1,911	41,619	2177.9%	\$62	\$1,083	\$62	5.7
Existing Homes*	Home Performance with Energy Star, Quick Home Energy Check		729	-	0.0%	\$14	\$545	\$14	2.6
	Moderate Income Weatherization		62	-	0.0%	\$10	\$292	\$10	3.4
Total Residential		41,619	2,702	41,619	1540.3%	\$86	\$1,920	\$86	4.5
Business Programs	Sub-Program								
C&I Direct Install*	N/A	3	103	3	2.9%	\$82	\$1,369	\$82	6.0
C&I Rebate Program*	Prescriptive/Custom, Midstream Lighting/HVAC	46	214	46	21.5%	\$647	\$1,213	\$647	53.3
Total Business		49	317	49	15.5%	\$729	\$2,582	\$729	28.2
Multi-Family*	N/A		28	-	0.0%	\$9	\$395	\$9	2.2
Pilot Programs	Sub-Program								
Peak Demand Reduction	Bring Your Own Thermostat, Commercial System Relief Program, Behavioral DR	18,100	1,008	18,100	1795.6%	(\$3)	\$378	(\$3)	-0.8
Clean Heat Beneficial Electrification	N/A		144	-	0.0%	\$6	\$607	\$6	1.0
Total Pilot		18,100	1,152	18,100	1571.2%	\$3	\$985	\$3	0.3
NJCEP Comfort Partners	N/A	11	37	11	29.7%	\$36	\$311	\$36	11.7
Portfolio Total		59,779	4,236	59,779	1411.2%	\$862	\$6,194	\$862	13.9
Supportive Costs Dutside Portfolio									
						\$862	\$6,194	\$862	13.9

* Denotes a core EE program. 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.

					Ex Ante Er	nergy Savings			
			J	к	L=K/J	M=K*1.0345	N	0	Р
		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 Wholesale Energy Savings ² (MWh)	Peak Demand Savings YTD (MW)	Current Quarter Lifetime Retail Savings (MWh)	Lifetime Retail Savings YTD (MWh)
Residential Programs	Sub Program or Category ¹								
Efficient Products*	Appliance Recycling/Rebate, Behavioral, Retail Lighting, Marketplace, Midstream HVAC	963	4,113	963	23.4%	996	0.060	10,613	10,613
Existing Homes*	Home Performance with Energy Star, Quick Home Energy Check		726	-	0.0%	-	-	-	-
	Moderate Income Weatherization		105	-	0.0%	-	-	-	-
Total Residential		963	4,944	963	19.5%	996	0.060	10,613	10,613
	Such Broomer								
Business Programs	Sub-Program	74	2,304	74	3.2%	77	0.010	1,108	1,108
C&I Rebate Program*	Prescriptive/Custom, Midstream Lighting/HVAC	1,829	4,033	1,829	45.4%	1,892	0.420	26,172	26,172
Total Business		1,903	6,337	1,903	30.0%	1,969	0.430	27,280	27,280
Multi-Family*	N/A		346	-	0.0%	-	-	-	-
Pilot Programs	Sub-Program								
Peak Demand Reduction	Bring Your Own Thermostat, Commercial System Relief Program, Behavioral DR	N/A	N/A	N/A	N/A	N/A	3.920	N/A	N/A
Clean Heat Beneficial Electrification**	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A
Total Pilot		-	-	-	#DIV/0!	-	3.920	-	-
NJCEP Comfort Partners	N/A	12	N/A	12	N/A	12	0.002	203	203
					,				
Portfolio Total		2,878	11,627	2,878	24.8%	2,977	4.412	38,096	38,096
¹ Subprograms provide rel only.	levant forecasts as included in the Company	y's approved EE	/PDR Plans. Prog	ram delivery elem	ients are generally	listed as categor	ies for informatio	nal purposes	
² Wholesale savings at the Methodology in the NJ Co	gross wholesale level include retail savings st Test.	plus marginal li	ine losses, using a	approved line loss	factor in utility's t	ariff grossed up b	by 1.5, per the Avc	oided Cost	
* Denotes a core EE progr he State and Utilities.	am. Home Performance with Energy Star or	nly includes non	-LMI; the compa	rable program for	LMI participants i	s Comfort Partner	rs, which is jointly	administered by	
** Caulia an ana in NANADhu a	and are not included in the portfolio MWh t	otal							

Appendix C - Energy Efficiency and PDR Savings Summary, LMI Customers

For Period Ending P	Y23Q1						
		Partici	pation	Incentive Expenditures (Customer Rebates and Low/no-cost financing)		Ex Ante Energy Savings	
		А	В	С	D	E	F
		Reported Partic YT	ipation Number D	Reported Incentive Costs YTD (\$000)		Reported Retail E (M	Energy Savings YTE WH)
Residential Programs	Sub Program	LMI	Non-LMI or Unverified	LMI	Non-LMI or Unverified	LMI	Non-LMI or Unverified
Efficient Products*	Appliance Recycling/Rebate, Behavioral, Retail Lighting, Marketplace, Midstream HVAC		41,619		\$62		963
Existing Homes*	Home Performance with Energy Star, Quick Home Energy Check				\$14		-
	Moderate Income Weatherization				\$10		-
Total Residential		-	41,619	-	\$86	-	963
Multi-Family*	N/A				\$9		
Pilot Programs	Sub-Program						
	Bring Your Own Thermostat, Commercial System Relief Program,						
Peak Demand Reduction	Behavioral DR		18,100		(\$3)		
Clean Heat Beneficial Elec	N/A		-		\$6		
Total Pilot		-	18,100	-	\$3	-	-
NJCEP Comfort Partners	N/A	11		\$36		12	
Portfolio Total		11	59,719	\$36	\$97	12	963

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

Appendix D - Energy Efficiency and PDR Savings Summary, Business Customers

For Period Ending	PY23Q1							
		Partici	pation		ditures (Customer /no-cost financing)	Ex Ante Energy Savings		
		А	В	С	D	E	F	
			Reported Participation Number YTD		ntive Costs YTD 000)	Reported Retail Energy Savings YTD (MWH)		
Business Programs	Sub-Program	Small Commercial	Large Commercial	Small Commercial	Large Commercial	Small Commercial	Large Commercial	
C&I Direct Install*	N/A	3		\$82		74		
C&I Rebate Program*	Prescriptive/Custom, Midstream Lighting/HVAC	37	9	\$517	\$129	1,463	366	
Total Business		40	9	\$599	\$129	1,537	366	
Multifamily*	N/A							
Pilot Programs	Sub-Program							
Peak Demand Reduction	Bring Your Own Thermostat, Commercial System Relief Program, Behavioral DR							
Clean Heat Beneficial Electrification**	N/A							
Total Pilot		-	-	\$0	\$0	-	-	
Portfolio Total		40	9	\$599	\$129	1,537	366	

Appendix E - Annual Baseline Calculation

Energy Efficiency Compliance Baselines and Benchmarks												
			Sales	Adjustments	Adjusted Retail Sales	Compliance Baseline	Overall Annual Energy Reduction Target (%)	Overall Annual Energy Reduction Target		State-Administered Annual Energy Reduction Target	Utility-Administered Annual Energy Reduction Target (%)	Utility-Administered Annual Energy Reduction Target
Fuel (units)	Plan Year	Sales Period	(A)	(B)	(C) = (A)-(B)	(D)=Average (C)	(E)	(F) = (E) * (D)	(G)	(H) = (G) * (D)	(I)	(J) = (I) * (D)
Electric (kwh)	2019	7/1/18 - 6/30/19	1,612,777,000	-	1,612,777,000							
	2020	7/1/19 - 6/30/20	1,548,686,000	-	1,548,686,000							
	2021	7/1/20 - 6/30/21	1,573,489,000	-	1,573,489,000							
Program Year 2023						1,578,317,333	0.74%	11,627,464	0.00%	-	0.74%	11,627,464
Notes:												
(A) reflects calendar sal	es as reported	on FERC form 1 (e	electric), adjusted f	or the Program	Year sales period							
(B) No included adjustn	nents											