





Energy Efficiency Stakeholder Meeting

Agenda

- 1. Re-cap of Last Meeting
- 2. New Jersey Energy Efficiency Programs
- 3. Energy Efficiency Updates
 - NJCEP Updates
 - NJCEP Newsletter Update
 - New Construction Program Update
 - CHP Feasibility Study
 - LEUP Higher Education Decarbonization Pilot
 - · Benchmarking Update
 - Community Energy Plan Grant / Community Energy Plan Implementation Grant Update
 - Regulatory Updates
 - Triennium 2 Filings Review
 - · Evaluation, Measurement, and Verification Updates
- 4. Presentation -- NJCEP Year In Review
- 5. General Q&A
- 6. Items of Interest
- 7. Next Meetings





October Meeting Recap

What we covered:

- √ NJCEP and Utility Program Updates
 - ✓ NJCEP New Construction Program
 - √ Benchmarking
- ✓ Regulatory Updates
 - ✓ Triennium 2 Filing Extension
 - ✓ Evaluation, Measurement, and Verification
- √ Guest Presenter: Comfort Partners Program
- ✓ Q&A





New Jersey Energy Efficiency Programs

www.NJCleanEnergy.com/TRANSITION

NJBPU and NJCEP Administered Programs



- New Construction (residential, commercial, industrial, government)
- · Large Energy Users
- Energy Savings Improvement Program (financing)
- State Facilities Initiative*
- Local Government Energy Audits
- · Combined Heat & Power & Fuel Cells

*State facilities are also eligible for utility programs

Utility Administered Programs















- Existing buildings (residential, commercial, industrial, government)
- Efficient Products
 - Lighting & Marketplace Appliance Rebates
 - HVAC

Appliance Recycling

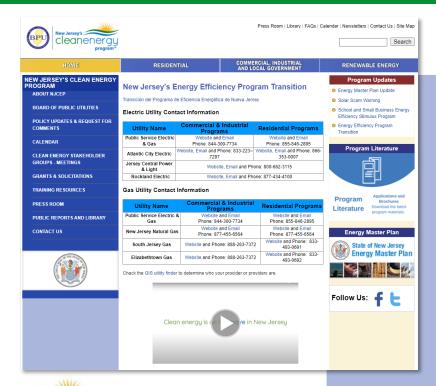
NJBPU and Utility Co-Administered Programs





Energy Efficiency Program Information

www.NJCleanEnergy.com/TRANSITION



FREQUENTLY ASKED QUESTIONS

Frequently asked questions (FAQs) are grouped by the following subject areas; you can jump to any section by clicking on one of the topics below:

General FAQs

Commercial & Industrial Programs FAQs Residential Programs FAQs Contractor Specific FAQs Questions

General FAQs

Why are some energy efficiency programs now managed by the utility companies? (updated August 9, 2022)

The transition of the administration of certain energy efficiency programs from NJCEP to the utilities occurred in accordance with the mandates from the Clean Energy Act of 2018. These new programs allow the utilities to work directly with customers to achieve energy savings. The Board considered the following in establishing this transition:

- Programs that rely heavily on the use of contractors will be handled at the utility level, where the utility companies can build strong relationships and lead co-branded advertising and marketing efforts.
- Utilities will handle programs that rely on customer data or advanced metering infrastructure (AMI) to streamline customer data access layers and minimize the sharing of data to protect customer privacy.
 - Utilities are well-suited to deliver certain energy efficiency programs, such as those that are based on existing customer relationships and that rely on utility data and systems.
 - Utility administration works best for programs that can leverage utilities' knowledge of energy consumption, customer demographics, workforce infrastructure, and existing customer relationships within their service territories. Utility access and increased customer access to energy use data enables the design of more personalized services and programs. Excreted outreach, and individualized solutions for customers.
- Utilities can offer flexible financing options, such as on-bill repayment.
- Customers may have more "brand awareness" and direct communication with their utility, which facilitates the broader adoption of energy efficiency measures.



Energy Efficiency Updates:

New Jersey's Clean Energy Program

More NJCEP Information

Clean Energy Program Filings:

www.NJCleanEnergy.com/FILINGS

Clean Energy Program Monthly Progress to Goal Report

www.NJCleanEnergy.com/EE - Meeting Materials Archive





Relaunched
December
2023

NJCEP Quarterly Newsletter

Reintroducing New Jersey's Clean Energy Program Newsletter:



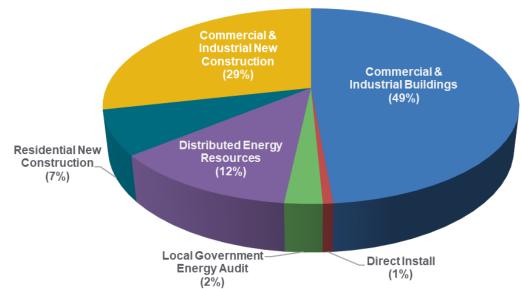
Receive updates every quarter by subscribing to the newsletter here



Budget Break-down by Program

FY24 TRC Managed Programs

Incentive Budget: \$148,502,129





Energy Efficiency Programs FY24

NJCEP/TRC Managed

Closed

- Residential Products & HVAC
- Residential Existing Homes
- Direct Install

Closing Out

- C&I Buildings (existing buildings)
- SmartStart Retrofit
- Pay for Performance Existing Buildings
- School & Small Business Stimulus Program (federally funded)

NJCEP/TRC Managed

Open

New Construction

Was: Residential New Construction, SmartStart New Construction, Pay for Performance New Construction, Customer Tailored Energy Efficiency Pilot New Construction

- Large Energy Users
- Local Government Energy Audit
- Distributed Energy Resources



BPU/Utility Managed

Comfort Partners

New Construction Program & Garden State Challenge Pilot Update

Next Steps

- Finalize program design with Board Staff
- Release for public comment as Compliance Filing update



Combined Heat & Power Feasibility Study Program

NJClean Energy.com/CHPFeasibility

Is a CHP system right for me?

The CHP Feasibility Study will evaluate if the solution of combined heat and power systems and fuel cells repurposing electricity and waste heat suits your property

There are incentives for a CHP Feasibility Study to offset the cost to evaluate if this solution is right for you

Incentives will offset up to 50% cost of the feasibility study, capped at \$50,000







Higher Education Decarbonization Program

NJCleanEnergy.com/LEUPDecark

WHO

Existing accredited college/university institutions with multi-building campuses

QUALIFICATION

- New construction projects are not eligible
- Projects pursuing decarbonization measures including but not limited to energy efficiency, storage, solar, beneficial electrification, EVs, and more

PURPOSE

Assist NJ colleges/universities reach their clean energy goals

OPPORTUNITIES

Up to **\$5M** available per applicant:

- Reimbursements of up to **100%** of the cost for the development of a decarbonization plan
- Reimbursements of \$1000/ton of CO₂ reduced, up to 75% of total project cost



Decarb in Action

What is Decarbonization?

"To decarbonize a building is to remove greenhouse gas emissions from the building's energy use, achieved through making the building more efficient and integrating appliances powered by clean energy sources"

~Building Decarbonization Coalition

Importance of the Higher Education Decarbonization Program

Supports New Jersey's clean energy goals with the Higher Education Decarbonization Program

- Meet your campus decarbonization goals
- Lower greenhouse gas emissions
- Reduce energy bills

NJ University Decarbonization Goals

- Rutgers: net-zero emissions by 2040
- Princeton: net-zero emissions by 2046
- Rider College: carbon neutral by 2050



Evolving the Large Energy User Program

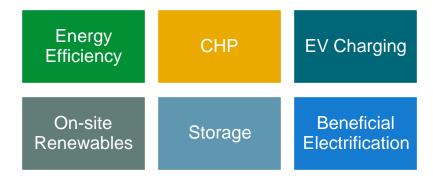
NJCleanEnergy.com/LEUPDecarl

Historically ...

"Improve energy efficiency"

Energy Efficiency Higher Education
Decarbonization Pilot

"Use all that you can to reduce CO_2 e on campus"





Benchmarking Update

- Clean Energy Benchmarking Resources: https://njcleanenergy.com/commercial-industrial/programs/cea-benchmarking
- Regulated utilities implemented aggregated building-level data services (August 2023)
 - · These utilities provide building owners their building energy and water data for reporting
 - For a list of utilities who provide data services: https://njcleanenergy.com/commercial-industrial/programs/energy-water-benchmarking/utility-data
- Benchmarking Help Desk: FAQs and Assistance
 - https://nj.beam-portal.org/helpdesk/
- Submission deadline is December 31, 2023 (including 90-day grace period in first year)
- Next steps:
 - First annual report (aggregated data)
 - Preparing to implement the second benchmarking year in 2024 (for 2023 calendar year)
 - · Public stakeholder engagement on second annual report data

Community Energy Plan Grant & Community Energy Plan Implementation Grant Update

These two grant programs support municipalities with community-level clean energy initiatives.

Community Energy Plan Grant (CEPG) Program

- Grants for municipalities to develop community energy plans
- Two grant award levels
 - \$10,000
 - \$25,000 overburdened municipalities

Community Energy Plan Implementation (CEPI) Grants

- Grants for municipalities to implement community energy projects
- Applicants eligible for \$250,000 with possibility of additional awards if funds remain after all priority projects are funded.

Sustainable Jersey will provide Technical Assistance for applicants, with a focus on assistance for overburdened municipalities



Community Energy Plan Grant & Community Energy Plan Implementation Grant Update

- Applications for both programs available on the NJCEP website at <u>www.NJCleanEnergy.com/CEP</u>
- Application deadline February 23, 2023
 - All applications must be submitted by 5:00 PM Eastern Time
- Questions can be submitted to: community.energy@bpu.nj.gov



Energy Efficiency Updates:

Regulatory – State & Federal

Triennium 2 Filings Review (Docket No. QO23030150)

- 10/25/23: Board designated presiding commissioners for Triennium 2 energy efficiency proposals by ACE, ETG, JCP&L, NJNG, PSE&G, RECO, and SJG
- Staff is reviewing filings submitted on 12/1/23 for administrative completeness
- Motions to intervene or participate filed 12/8/23; responses filed 12/14/23
 - Joint utility motion to participate in other utility filings
 - Motions to intervene from EEA-NJ (7), NJLEUC (6), CPower (4), Convergent (3), Uplight (2), NJPEEC (2), NRDC (2), Sierra Club (2), Google (1)*
 - Motions to participate from Uplight (4), Google (2)
- Next steps: Decisions on intervention and participation by presiding commissioners; interveners/parties discuss procedural schedules (e.g., discovery dates); public hearings on each filing; additional opportunities for public input; Triennium 2 starts 1/1/25

Evaluation, Measurement, and Verification

Energy Savings Studies (2023)

- NJ Appliance Standards Law NMR memo
- NJ building energy code adoption Rutgers Center for Green Building (RCGB) memo
- NJ Weatherization Assistance Program (NJ Dept. of Community Affairs) – RCGB memo

Adjusted Goal Setting Study for Triennium 2 (Oct. 2023)

 Analysis of achievable, cost-effective goals for State and utility-run programs – Cadmus

AB5160 Savings Exploration



Study Background

- AB5160 set energy efficiency standards for certain appliances in New Jersey
 - Went into effect in January 2023
 - Air purifiers, commercial kitchen equipment, computers and monitors, EV chargers, lighting products, portable electric spas, residential ventilation fans, and water conservation measures
- Appliance Standards Awareness Project (ASAP)
 - Wrote the draft legislation that became AB5160
 - Estimated appliance standard savings using a methodology they apply to all states
 - · Population, fuel usage, regional sales variations, etc.
 - Account for sales that already meet efficiency standards
 - Statewide Evaluator (SWE) in New Jersey raised concerns about accuracy of savings



Study Objectives and Purpose

Determine whether the state-level savings estimates provided by ASAP were realistic

if not...

Provide alternative estimates of state-level savings

in order to...

Help adjust the goal-setting modeling for market and external effects outside the EE programs

Study Methods

- Review ASAP documentation
- Updated sales and market share data for select high savings appliances
- Recalculated first-year electricity and natural gas savings for New Jersey across all measures
- Compared to statewide energy savings targets as reported in the Cadmus goal setting report

ASAP's Approach Reflects Its Mission

- Demonstrate the savings potential for appliances not addressed in federal standards
- Convince states to adopt the appliance standards
- ASAP does not calculate achieved savings from state appliances standard
- Leads them to made decisions that diverge from those typically used in energy-efficiency program evaluation
- This AB5160 Savings Exploration updated ASAP's savings estimates in five ways

AB5160 Exploration Updates to ASAP Approach – High Savings Measures Page 2

Update	Computer/Monitors	Commercial Fryers	Air Purifiers
#1: Constant Market Share/ Sales	Updated with ENERGY STAR and third-party sales; projected to 2025; sensitivity analysis due to COVID	Updated with recent ENERGY STAR; projected to 2025	Updated with recent ENERGY STAR; projected to 2025
#2: Removed computers and monitors from 2021 fact sheet	Updated with ENERGY STAR and third-party sales; projected to 2025; sensitivity analysis due to COVID	NA	NA
#3: Did not allocate sales proportionately by fuel	NA	Allocating proportionately based on 2020 New Jersey commercial kitchen program sales	NA

How AB5160 Exploration Addressed Concerns – Other Measures Page 2

Update	General Service Lamps (GSLs)	All Other Products ¹		
Concern#4: Included savings from GSLs	Zeroed out savings since AB5160 pre-empted by later federal rulemaking addressing same lamps			
Concern#5: Calculated annual savings cumulatively, not as first-year		Divided ASAP's <i>cumulative</i> annualsales by 3.5 to yield first-year savings		
¹ Excludes high savings measures and GSLs, for which updates applied per the tables.				

Comparison of ASAP and Recommended Appliance Standards Savings Estimates

	ASAP	Recom	Recommended First-Year Savings			
	Cumulative 2025 ¹	2025	2026	2027		
Electricity GWh	414.6	114.7	114.7	114.7		
Natural Gas BBtu	1,187	393.6	390.4	387.0		
Fraction of State Goal Electricity	308%	85%	67%	66%		
Fraction of State Goal Gas	324%	107%	105%	103%		

¹ ASAP estimates based on their 2021 New Jersey Fact Sheet with two exceptions: 1) Includes 2020 Fact Sheet computer and monitor savings; 2) Excludes state-regulated GSL savings due to federal preemption.

Factors Driving Savings Estimates

Reduced Savings

- Using of first year savings versus 3.5 years of cumulative savings
- Allowing air purifier and commercial fryer market shares to increase over time

Increased Savings

 Allowing computers, monitor, air purifier, and commercial fryer sales to increase over time

State Savings Goal Assumptions

	Electricity (GWh)		Natural Gas BBtu) ³			
	2025	2026	2027	2025	2026	2027
Energy Sales Forecast (amount)	74,693	74,959	75,435	458,475	463,240	468,059
Statewide Program Reduction Goal (%)	0.18%	0.23%	0.23%	0.08%	0.08%	0.08%
Statewide Program Reduction Goal (amount)	134.4	172.4	173.5	366.8	370.6	374.4

¹ State energy forecasts from Goal Set Scenario 1-2-3 Outputs 3.22.23_Cadmus Tables_WG, Tab "Base NJ 2023 Net Targets" cells H23 to H25 for electricity and H89 to H91 for natural gas. NJCEP reduction goal from NJ BPU Report - Executive Summary_20230412, "Table 1. New Jersey Full Compliance Scenario Targets."

² The savings goals listed here are for the New Jersey Clean Energy Program (NJCEP) only and do not include savings from AB5160, new code iterations, or other state-induced savings outside of NJCEP.

³ Converted from Dth.



NJ Weatherization Assistance Program Energy Savings Analysis

Center for Urban Policy and Research December 21, 2023



Weatherization Assistance Program Energy Savings Analysis

- Objective: To calculate the electricity and natural gas savings associated with the NJ WAP for Triennium 2 (FY25-FY27)
- DCA is not currently using pre- and post- energy bill data to calculate actual savings, so RCGB is using a combination of data from NJ WAP and previous ORNL study data to estimate the savings.

DRAFT



Methodology

Weatherization Assistance Program. United States.

• To calculate energy savings, RCGB used # of units weatherized, savings per unit, and % of units per type

Number of Units Weatherized

RCGB is assuming 1853 (550 units from FY23 State WAP plan + 1303 additional units using 2022 BIL funds)

Energy Savings per Weatherized Unit

ORNL 2014 National Evaluation of WAP estimated electricity and natural gas savings for Single Family, Large MF, Small MF, and Mobile Homes

Units Weatherized by Type

RCGB averaged 2018-2022 data from NJ WAP to find type of units weatherized. The breakdown was 63% SF, 13% mobile, 14% large MF and 7% small MF.





Draft Results

Example Calculation for SF Homes:

1853 units * 63% * 1799 kWh = 2,100,134 kWh

1853 units * 63% * 182 Therms = 212,465 Therms

kWh and Therm savings estimates were from ORNL 2014

Energy Savings per Weatherized Unit: Single family savings were 182 therms and 1799 kWh. Large Multifamily units were 76 therms and 275 kWh. Small Multifamily units were 161 therms and 412 kWh. Mobile homes were 107 therms and 441 kWh.

Unit Type	FY25 (MWh)	FY26 (MWh)	FY27 (MWh)	FY25 (DTh)	FY26 (DTh)	FY27 (DTh)
Single Family	2,100	2,100	2,100	21,246	21,246	21,246
Mobile	110	110	110	2,657	2,657	2,657
L MF	71	71	71	1,972	1,972	1,972
S MF	53	53	53	2,088	2,088	2,088
TOTAL	2,334	2,334	2,334	27,963	27,963	27,963



Statewide Energy Savings from NJ Energy Code Adoption for New Construction ASHRAE 90.1 2019 & IECC 2021

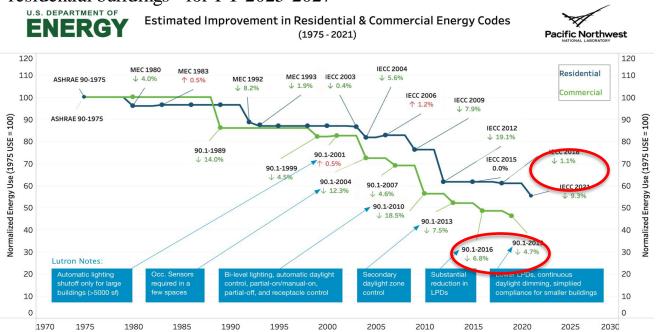
Center for Urban Policy and Research December 21, 2023





Attributing energy savings to building code adoption

We have ascertained savings from the adoption of ASHRAE 90.1 2019 for new construction of commercial buildings, and IECC 2021 for new construction of residential buildings* for FY 2025-2027





https://commercial.lutron.com/us/en/energy-code-state-union



Key Takeaways

- Improvements in IECC 2021 from IECC 2018 result in a significant improvement in residential building energy consumption. The impact of code adoption in the residential sector is considerably higher than the commercial sector.
- Construction volume & compliance rates are the highest source of uncertainty in estimating savings due to code adoption.
- Above code lighting reduces gas savings considerably. Based on documented <u>Industry Standard Practice in New Jersey</u>, we know that new construction has above code lighting.
- There is a need to adjust the Net-to-Gross ratio to reflect increasing market adoption

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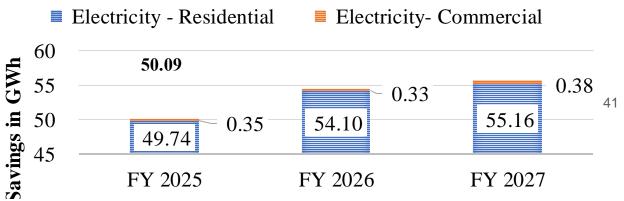




Savings in Electricity Consumption in GWh

Due to adoption of ASHRAE 90.1 2019 and IECC 2021 (New Construction)

STATE-WIDE SAVINGS IN ELECTRICITY CONSUMPTION FOR RESIDENTIAL AND COMMERCIAL BUILDINGS IN 5.53 GWH4.44



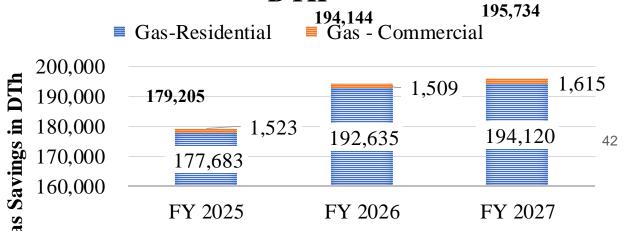




Savings in Gas Consumption in DTh (MMBtu)

Due to adoption of ASHRAE 90.1 2019 and IECC 2021 (New Construction)

STATE-WIDE SAVINGS IN GAS CONSUMPTION FOR RESIDENTIAL AND COMMERCIAL BUILDINGS IN DTH



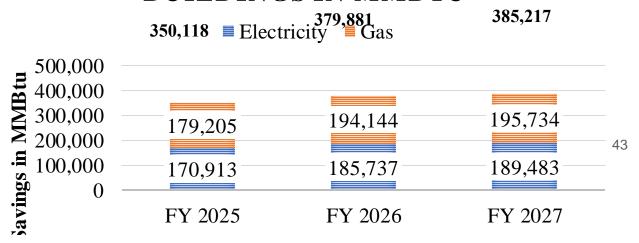




Savings in Total Energy Consumption in MMBtu

Due to adoption of ASHRAE 90.1 2019 and IECC 2021 (New Construction)

STATE-WIDE SAVINGS IN GAS & ELCTRICITY CONSUMPTION FOR RESIDENTIAL AND COMMERCIAL BUILDINGS IN MMBTU







Scenarios and Sensitivity Runs

Adjustments made to lighting savings	Conservative (Lower Bound)	Middle of the road	Optimistic (Upper Bound)
New Construction already meets ASHRAE 90.1 2019 and IECC 2021 lighting standards		Today we are discussing the Middle-of-the-Road scenario.	
Not all new construction already meets ASHRAE 90.1 2019 and IECC 2021 lighting standards			44

DRAFT



Methodology Overview: Energy Savings Potential

Construction footprint

NJ Department of Community Affairs (URL)

<u>Certificate of Occupancy (CO) data</u> for residential and commercial buildings by building occupancy and climate zones for 2014 to 2023 reported monthly, aggregated quarterly

Energy Savings Potential

PNNL Reports for commercial building and residential building occupancies and climate zones (+DOE Prototype Models Energy Modeling Output)

Conservative (Lower Bound)

Middle of the road (Average)

Optimistic (Upper Bound)

DRAFT



Methodology Overview: Potential to Net Savings

Compliance Rate

Adjusted for an **increasing** number of buildings that **comply with the adopted codes** over the three years of the study

Rutgers & DNV NJ Energy Code Compliance Study 2022

Net to Gross Ratio

Adjusted for current state and federal standards, and market commercialization

DNV's New Jersey Recommended Net-to-Gross Ratios Overall Report, 2023 New Jersey 2023 Triennial Technical Reference Manual For 2024 Filings

Adjustment to Net to Gross Ratio

Adjusted for **increasing market adoption during** the three years of the study period *In discussion with PNNL (M Rosenberg & M Tyler)*;

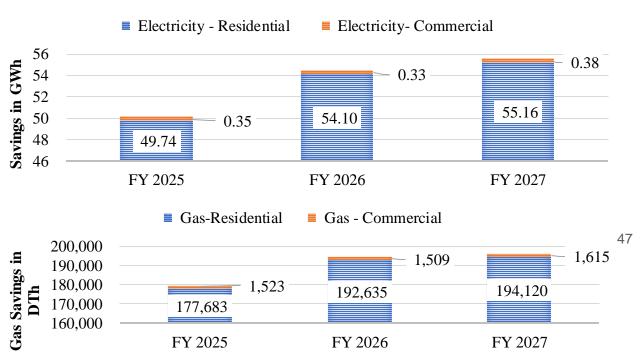
<u>Energy Code Compliance Improvement Program, 2020 for Illinois</u>: Midwest Energy Efficiency Alliance, in collaboration with Resource Innovations:





Q & A

State-wide savings in Gas (DTh) & Electricity (GWh) Consumption for Residential and Commercial Buildings due to adoption of ASHRAE 90.1 2019 and IECC 2021 (New Construction)







For Internal Circulation Only





Table of Contents

- 1. Incorporating WAP, A5160, and Code savings
- 2. Updates to the Full Compliance Scenario
- 3. Savings Target Updates
- 4. Budget Estimate Updates



Incorporating WAP, A5160, and Code savings

	GWh			DThm (=MMBtu)		
	FY25	FY26	FY27	FY25	FY26	FY27
A) A5160	114.7	114.7	114.7	393,600	390,400	387,000
B) WAP	2.3	2.3	2.3	27,963	27,963	27,963
C) Codes	50.0	54.4	55.5	179,205	194,144	195,734
Total (A+B+C)	167.0	171.4	172.5	600,768	612,507	610,697

Updates to the Full Compliance Scenario

- Adding rows to analysis to incorporate WAP, A5160, and Code Savings
 - Breaking savings out between Residential and Commercial/Industrial for detailed reporting
 - Review of potential measure savings to avoid double counting
- Assuming no associated program costs from inclusion of these additional savings
- Split additional savings between State vs Utility-administrated savings targets
 - Based on ratio of original full compliance savings targets between state vs utility targets



Savings Target Updates – Electric Breakout

Full Compliance with WAP, A5160, and Codes

		State-Administered Reduction Target (%)		All Utility-Administered Reduction Target (%)
	Overall Reduction		From WAP, A5160, and	,
Fiscal Year	Target (%)	From Programs	Codes	From Programs
2024	1.31%	0.11%	0.22%	0.98%
2025	1.66%	0.15%	0.23%	1.28%
2026	2.00%	0.20%	0.23%	1.57%
2027	2.00%	0.21%	0.23%	1.56%

Comparison from Previous to Updated Program Percentage of Target

		ered Reduction et (%)	All Utility-Administered Reduction Target (%)		
Fiscal Year	Previous Update From Programs From Programs		Previous From Programs	Update From Programs	
2024	0.13%	0.11%	1.18%	0.98%	
2025	0.18%	0.15%	1.48%	1.28%	
2026	0.23%	0.20%	1.77%	1.57%	
2027	0.23%	0.21%	1.77%	1.56%	

Savings Target Updates - Natural Gas Breakout

Full Compliance with WAP, A5160, and Codes

		State-Administered Reduction Target (%)		All Utility-Administered Reduction Target (%)
	Overall Reduction	From WAP, A5160, and		neduction furget (70)
Fiscal Year	Target (%)	From Programs	Codes	From Programs
2024	0.61%	0.05%	0.13%	0.43%
2025	0.68%	0.06%	0.13%	0.49%
2026	0.75%	0.07%	0.13%	0.55%
2027	0.75%	0.07%	0.13%	0.55%

Comparison from Previous to Updated Program Percentage of Target

	State-Administered Reduction		All Utility-Administered Reduction		
	Targe	et (%)	Target (%)		
	Previous Update		Previous	Update	
Fiscal Year	From Programs From Programs		From Programs	From Programs	
2024	0.07%	0.05%	0.55%	0.43%	
2025	0.08%	0.06%	0.61%	0.49%	
2026	0.08%	0.07%	0.67%	0.55%	
2027	0.08%	0.07%	0.67%	0.55%	



Budget Estimate Updates – Electric and Gas

• \$(000) - Nominal Dollars

Scenario Version	Fiscal Year	State- Administered Budget	All Utility Budget	Total Budget
	2024	\$239,631	\$923,603	\$1,163,234
Original Full	2025	\$297,408	\$1,193,038	\$1,490,447
Compliance	2026	\$366,909	\$1,498,722	\$1,865,631
	2027	\$383,005	\$1,586,069	\$1,969,074
	2024	\$221,266	\$706,395	\$927,662
Full Compliance with WAP, A5160, and Codes	2025	\$276,084	\$961,428	\$1,237,512
	2026	\$342,742	\$1,256,075	\$1,598,816
	2027	\$358,020	\$1,332,140	\$1,690,161

Budget Estimate Updates – Electric

\$(000) - Nominal Dollars

Scenario Version	Fiscal Year	State- Administered Budget	All Utility Budget	Total Budget
	2024	\$91,678	\$515,678	\$607,355
Original Full	2025	\$124,781	\$710,139	\$834,921
Compliance	2026	\$166,519	\$936,234	\$1,102,753
	2027	\$177,738	\$999,214	\$1,176,952
	2024	\$84,901	\$410,939	\$495,840
Full Compliance with WAP, A5160, and Codes	2025	\$116,489	\$596,429	\$712,917
	2026	\$156,757	\$813,958	\$970,716
	2027	\$167,486	\$869,180	\$1,036,667

Budget Estimate Updates – Natural Gas

• \$(000) - Nominal Dollars

Scenario Version	Fiscal Year	State- Administered Budget	All Utility Budget	Total Budget
	2024	\$147,953	\$407,925	\$555,878
Original Full	2025	\$172,627	\$482,899	\$655,526
Compliance	2026	\$200,390	\$562,489	\$762,878
	2027	\$205,267	\$586,855	\$792,122
	2024	\$136,365	\$295,456	\$431,822
Full Compliance with WAP, A5160, and Codes	2025	\$159,595	\$365,000	\$524,595
	2026	\$185,985	\$442,116	\$628,101
	2027	\$190,534	\$462,960	\$653,494









Guest Presentation:

NJCEP Year In Review

Michael Ambrosio Director of Policy and Planning, TRC

Recap of Energy Mandate

NJ's Clean Energy Act of 2018 mandated:

- Electric must achieve at least 2% annual energy reduction by Program Year 5
- Gas must achieve at least 0.75% annual energy reduction by Program Year 5

Triennium	Program Year (PY)	Fiscal Year (FY)	Start Date	End Date
	1	FY22	7/1/2021	6/30/2022
1	2	FY23	7/1/2022	6/30/2023
FY23 Compilation	3	FY24	7/1/2023	6/30/2024
Report 2	4	FY25	7/1/2024	6/30/2025
	5	FY26	7/1/2025	6/30/2026
	6	FY27	7/1/2026	6/30/2027



FY23 Statewide Compilation Report

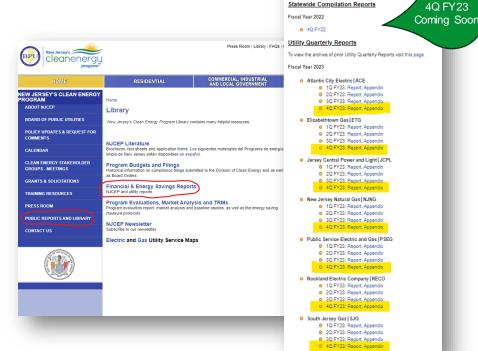
7/1/2022 - 6/30/2023

Where the report will be posted:

- www.NJCleanEnergy.com/LIBRARY
- ▶ Financial & Energy Savings Reports

What the report contains:

- Budget and expenses
- Energy savings
- Participation rates
- Emission reductions



Home » Public Reports and Library

NJCEP Quarterly Reports

Fiscal Year 2023 1Q FY23 2Q FY23

3Q FY23

Financial & Energy Savings Reports

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4Q FY23



FY23 Statewide Compilation Report

7/1/2022 - 6/30/2023

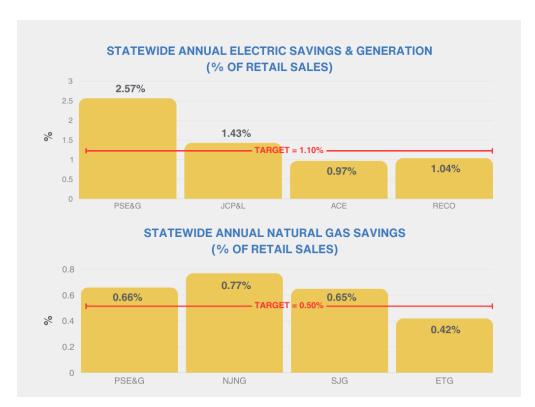
How are we doing in the clean energy transition?

DRAFT - subject to change

As of FY23/PY2, there is still much to do to achieve the state mandates by PY5

NOTE:

The current Technical Reference Manual (TRM) reports on **gross savings**. The revised TRM approved for Triennium-2 will count **net savings** toward the state mandate, increasing the current levels by approximately 20% to reflect the change from gross to net savings





General Q&A

To submit questions in advance for next month: EnergyEfficiency@bpu.nj.gov





Energy Efficiency Stakeholder Meetings

NJClean Energy.com/EE

3rd Thursday of the Month, 1-2:30pm

Take the <u>survey</u> for the Clean Energy Technology Series of presenters for February onward!

January Guest Presenter:

Dr. Rachel Shwom
The Social Science of Climate Change in NJ
Chair of Human Dimensions of Environmental Change
Rutgers University

January 18, 2024 February 15, 2024 March 21, 2024 April 18, 2024 May 16, 2024 June 20, 2024 July 18, 2024 August 15, 2024 September 19, 2024 October 17, 2024 (no November meeting) December 19, 2024



More Information

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