



Energy Efficiency Stakeholder Meeting

January 19, 2023

Agenda

1. Welcome & Introductions
2. Re-cap of Last Meeting
3. Current Program Updates
 - a. BPU Update
 - b. Utility Company Presentation
 - c. Forthcoming Compilation Report
 - d. Whole House Pilot Program
4. New Construction Program Update
5. Working Group Updates
 - a. EM&V Studies and Procurement
6. General Q&A
7. Items of Interest
8. Next Meetings



Welcome & Introductions



Recap of Last Month



December Meeting Recap

What we covered:

- ✓ Transition information on NJCEP website
- ✓ NJCEP and Utility Program updates
 - ✓ Utility Multifamily Program overview
 - ✓ Annual and Compilation Reports
- ✓ NJCEP New Construction Program update
- ✓ ACEEE
- ✓ Federal Funding
- ✓ Working Group updates
- ✓ Q&A



Post-Transition Energy Efficiency Programs

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
 - HVAC
 - Appliance Rebates
 - Appliance Recycling


NJBPU and Utility Co-Administered Programs



Visit our transition website:

www.NJCleanEnergy.com/TRANSITION


Press Room | Library | FAQs | Calendar | Newsletters | Contact Us | Site Map

| HOME | RESIDENTIAL | COMMERCIAL, INDUSTRIAL AND LOCAL GOVERNMENT | RENEWABLE ENERGY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|------------------|----------------------------------|----------------------|-------------------------------|--|--|------------------------|--|--|------------------------------|--|--|-------------------|--|--|--------------|----------------------------------|----------------------|-------------------------------|--|--|------------------------|--|--|------------------|---------------------------------|---------------------------------|------------------|---------------------------------|---------------------------------|---|
| <p>NEW JERSEY'S CLEAN ENERGY PROGRAM</p> <p>BOARD OF PUBLIC UTILITIES</p> <p>POLICY UPDATES & REQUEST FOR COMMENTS</p> <p>CALENDAR</p> <p>CLEAN ENERGY STAKEHOLDER GROUPS</p> <p>GRANTS & SOLICITATIONS</p> <p>TRAINING RESOURCES</p> <p>PRESS ROOM</p> <p>► PUBLIC REPORTS AND LIBRARY</p> <p>CONTACT US</p>  | <p>New Jersey's Energy Efficiency Program Transition</p> <p>Transición del Programa de Eficiencia Energética de Nueva Jersey</p> <p>Electric Utility Contact Information</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #0056b3; color: white;"> <th>Utility Name</th> <th>Commercial & Industrial Programs</th> <th>Residential Programs</th> </tr> </thead> <tbody> <tr> <td>Public Service Electric & Gas</td> <td>Website and Email Phone: 844-300-7734</td> <td>Website and Email Phone: 855-848-2895</td> </tr> <tr> <td>Atlantic City Electric</td> <td>Website, Email and Phone: 866-353-0007</td> <td>Website, Email and Phone: 800-353-0007</td> </tr> <tr> <td>Jersey Central Power & Light</td> <td colspan="2">Website, Email and Phone: 800-862-3115</td> </tr> <tr> <td>Rockland Electric</td> <td colspan="2">Website, Email and Phone: 877-434-4100</td> </tr> </tbody> </table> <p>Gas Utility Contact Information</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #0056b3; color: white;"> <th>Utility Name</th> <th>Commercial & Industrial Programs</th> <th>Residential Programs</th> </tr> </thead> <tbody> <tr> <td>Public Service Electric & Gas</td> <td>Website and Email Phone: 844-300-7734</td> <td>Website and Email Phone: 855-848-2895</td> </tr> <tr> <td>New Jersey Natural Gas</td> <td>Website and Email Phone: 877-455-5554</td> <td>Website and Email Phone: 877-455-5554</td> </tr> <tr> <td>South Jersey Gas</td> <td>Website and Phone: 888-283-7372</td> <td>Website and Phone: 833-463-0601</td> </tr> <tr> <td>Elizabethown Gas</td> <td>Website and Phone: 888-283-7372</td> <td>Website and Phone: 833-463-0602</td> </tr> </tbody> </table> | | Utility Name | Commercial & Industrial Programs | Residential Programs | Public Service Electric & Gas | Website and Email Phone: 844-300-7734 | Website and Email Phone: 855-848-2895 | Atlantic City Electric | Website, Email and Phone: 866-353-0007 | Website, Email and Phone: 800-353-0007 | Jersey Central Power & Light | Website, Email and Phone: 800-862-3115 | | Rockland Electric | Website, Email and Phone: 877-434-4100 | | Utility Name | Commercial & Industrial Programs | Residential Programs | Public Service Electric & Gas | Website and Email Phone: 844-300-7734 | Website and Email Phone: 855-848-2895 | New Jersey Natural Gas | Website and Email Phone: 877-455-5554 | Website and Email Phone: 877-455-5554 | South Jersey Gas | Website and Phone: 888-283-7372 | Website and Phone: 833-463-0601 | Elizabethown Gas | Website and Phone: 888-283-7372 | Website and Phone: 833-463-0602 | <p style="background-color: #800000; color: white; padding: 5px;">Program Updates</p> <ul style="list-style-type: none"> ● New! School and Small Business Energy Efficiency Stimulus Program ● Energy Efficiency Stakeholder Meeting Feb 17 ● Energy Efficiency Program Transition <p style="background-color: #0056b3; color: white; padding: 5px;">Program Literature</p> <div style="text-align: center;">  <p>Applications and Brochures Download the Latest Program Materials</p> </div> <p style="background-color: #0056b3; color: white; padding: 5px;">Clean Energy Learning Center</p> <div style="text-align: center;">  <p>New Jersey Clean Energy Learning Center</p> </div> <p style="background-color: #0056b3; color: white; padding: 5px;">Subscribe to eNewsletter</p> <div style="text-align: center;">  <p>E-Newsletter</p> </div> |
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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 October 28, 2021)

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 2016. 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, targeted 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, facilitating the broader adoption of energy efficiency measures.



Current Program Updates





BPU Program Updates: Progress to Goals (PTG) Report as of December 2022 – FY23



Note: The results presented here are preliminary and are subject to change.

Energy Efficiency Programs FY23

NJCEP/TRC Managed - Closed/Closing Out, Transitioned to Utilities

- Residential Products & HVAC
- Residential Existing Homes
- C&I Buildings (existing buildings)
- SmartStart Retrofit
- Pay for Performance Existing Buildings
- Direct Install

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
- School & Small Business Stimulus Program (federally funded)

BPU/Utility Managed

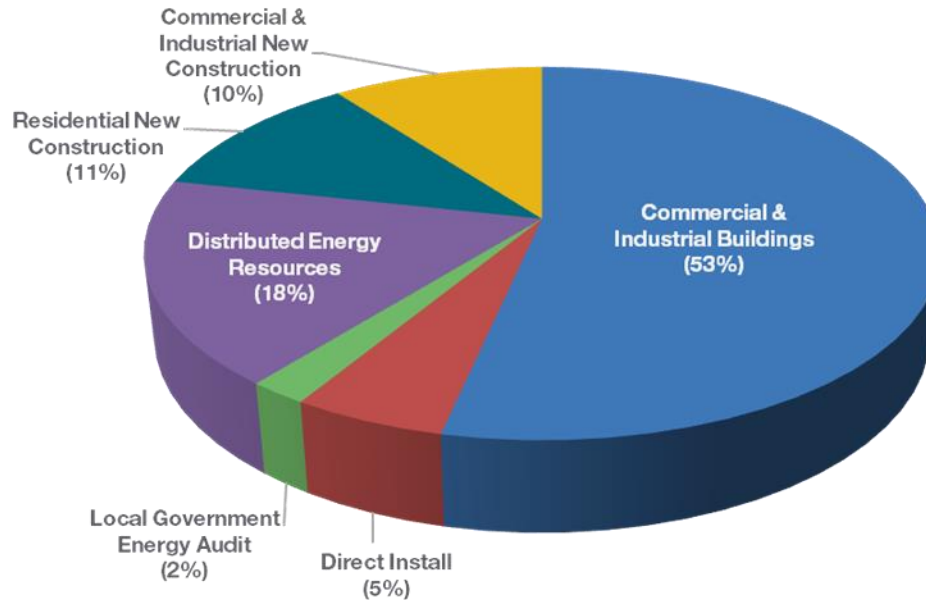
- Comfort Partners



Budget Break-down by Program

FY23 TRC Managed Programs

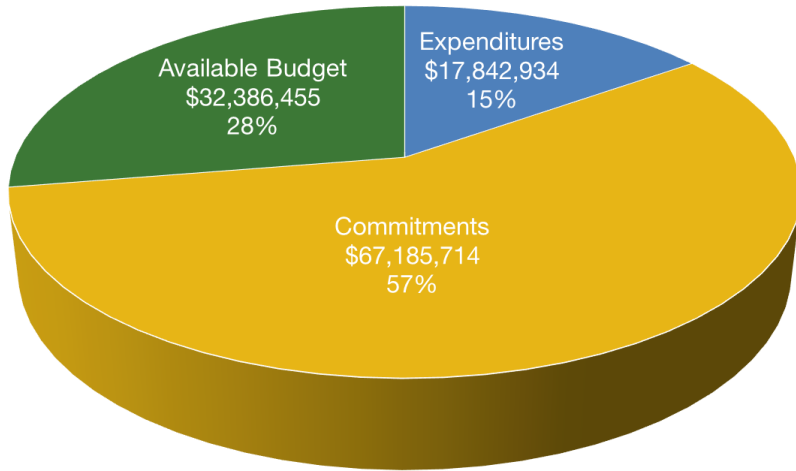
Incentive Budget: \$117,415,104



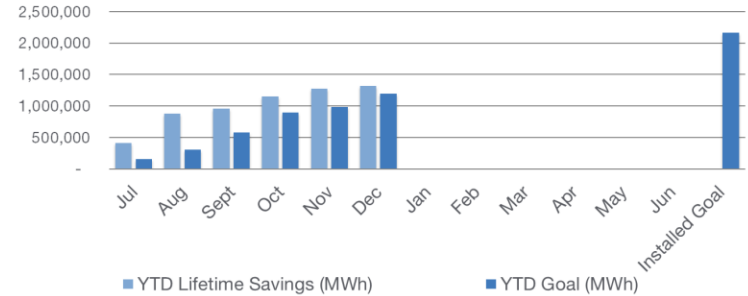
Progress Towards Goals – TRC Managed Programs

FY23 TRC Managed Programs

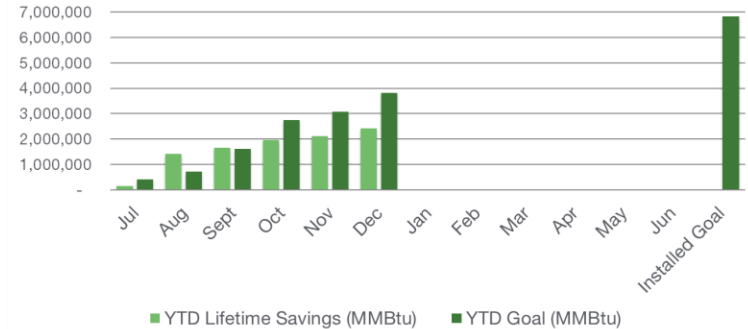
Incentive Budget: \$117,415,104



FY23 Overall Progress Towards TRC Managed Program Goals
YTD Lifetime MWh Savings

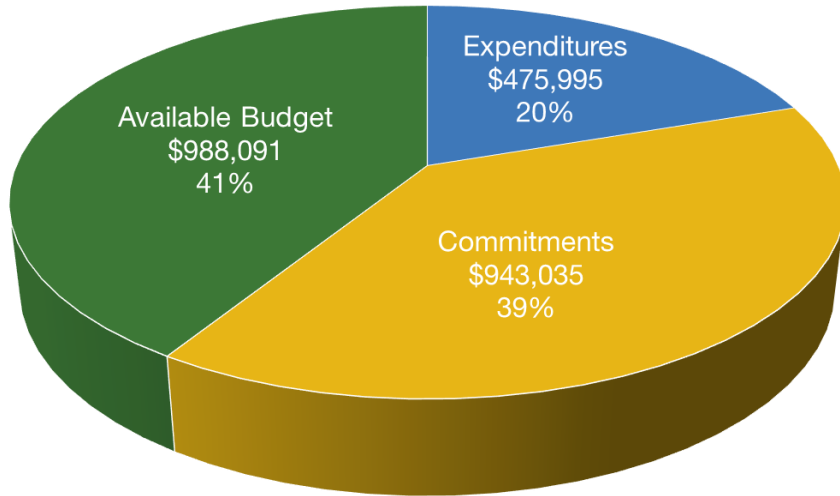


FY23 Overall Progress Towards TRC Managed Program Goals
YTD Lifetime MMBtu Savings



Local Government Energy Audit (LGEA)

FY23 Incentive Budget: \$2,407,121



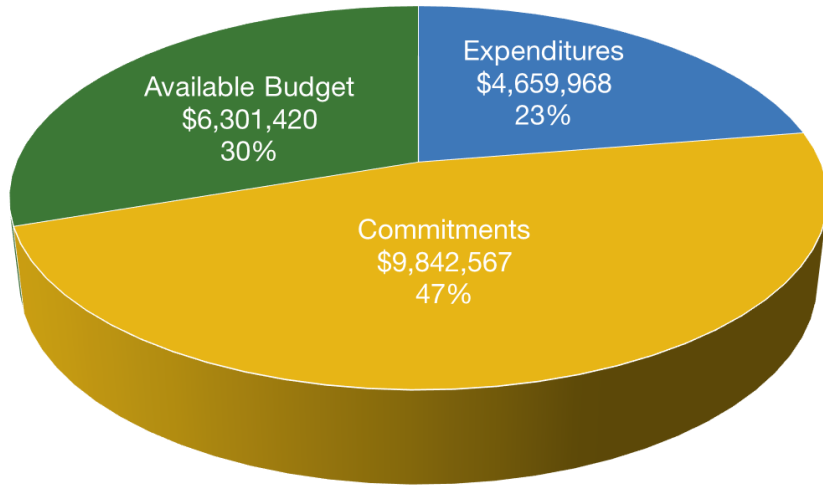
Program Highlights

- Received: 69 applications this month 261 YTD
- Approved: 34 applications this month 194 YTD
- Audited approximately 309,069 square feet
- Held 1 Exit Meeting for 2 sites (including additional scopes)
- Delivered Final Audit reports on 2 sites (1 entity)

Distributed Energy Resources

CHP and Fuel Cells

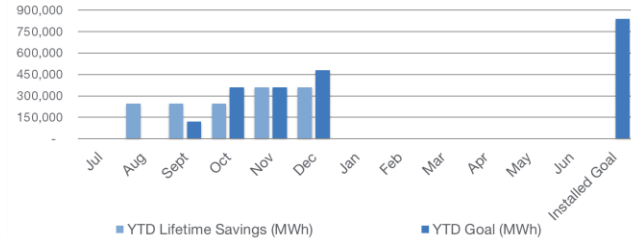
FY23 Incentive Budget: \$20,803,955



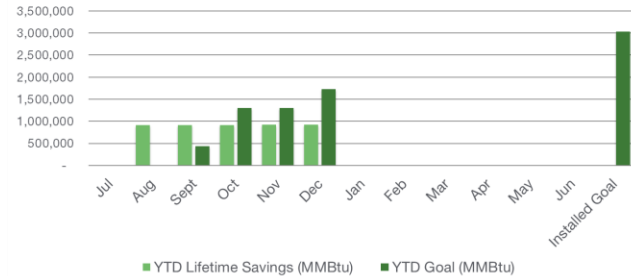
Program Highlights

- Received: 0 applications this month 1 YTD
- Approved: 0 applications this month 2 YTD
- Completed: 0 installations this month 4 YTD

FY23 DER YTD Installed Lifetime (MWh) Savings & Generation

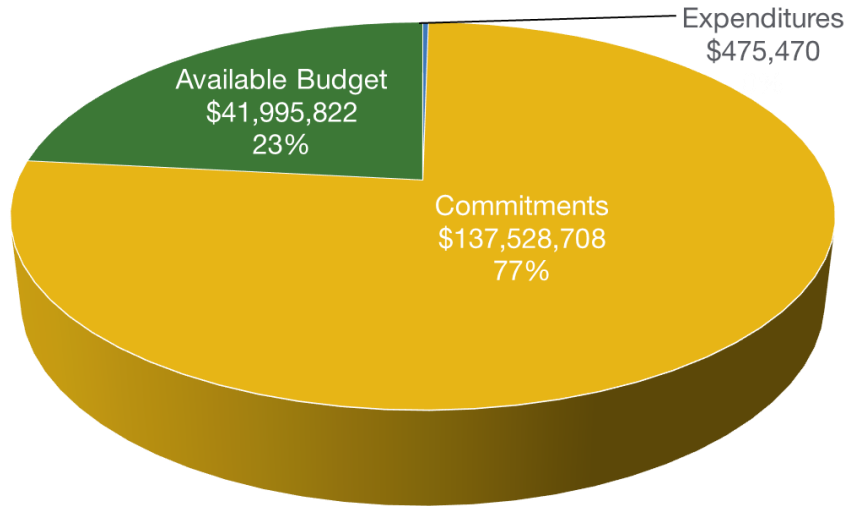


FY23 DER YTD Installed Lifetime (MMBtu) Savings



School & Small Business Stimulus Program

FY23 Incentive Budget: \$180,000,000



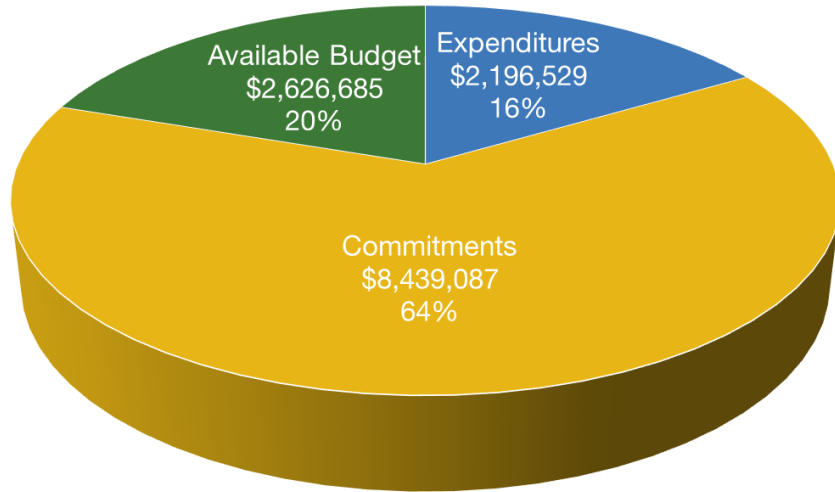
Program Highlights

- Received: 14 applications this month 110 YTD
- Approved: 8 applications this month 105 YTD
- Completed: 1 installation this month 13 YTD

Note: This program is a multi-year continuing grant and not based on a fiscal year.

New Construction Programs

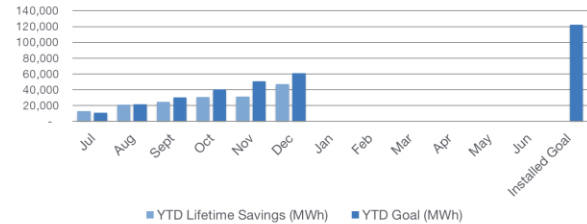
Residential New Construction FY23 Incentive Budget: \$13,262,300



Program Highlights

- Site Registrations Received/Enrolled: 239
- Site Registrations Approved: 238
- Incentive Applications Received: 641
- Incentive Applications Approved: 623
- Project Cancelled: 1

FY23 RNC YTD Installed Lifetime (MWh) Savings

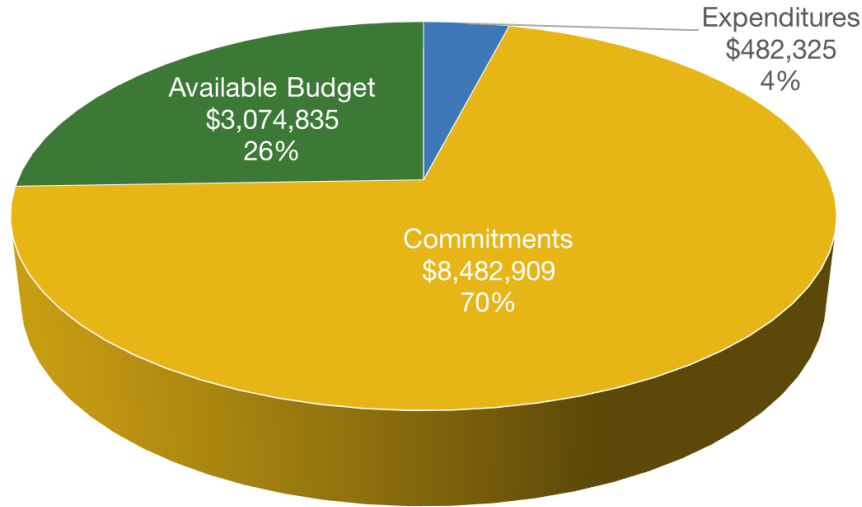


FY23 RNC Installed Lifetime (MMBtu) Savings



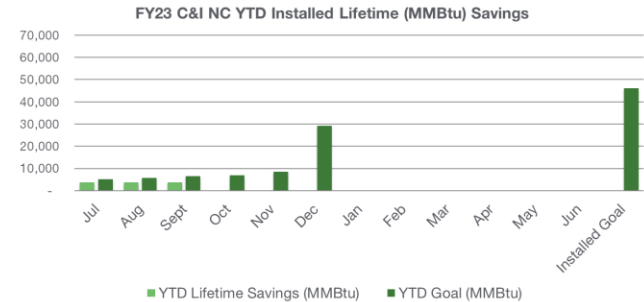
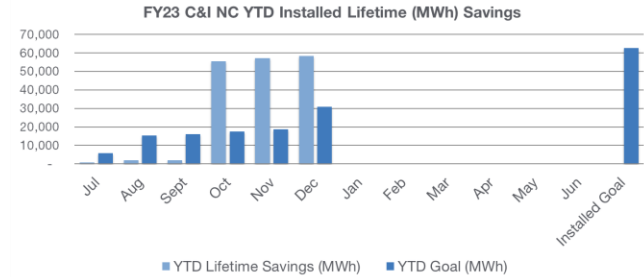
New Construction Programs (cont.)

C&I New Construction: P4P NC and C&I NC FY23 Incentive Budget: \$12,040,069



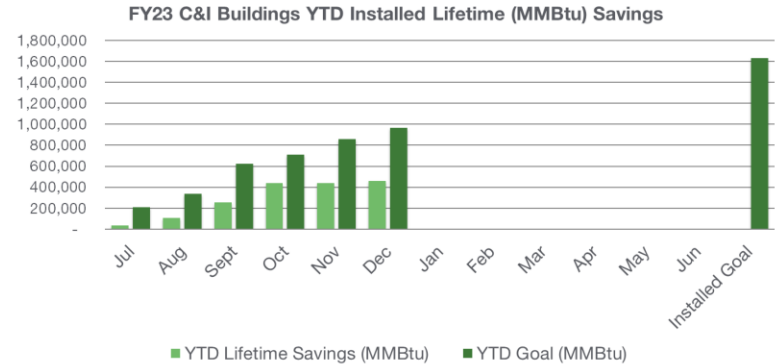
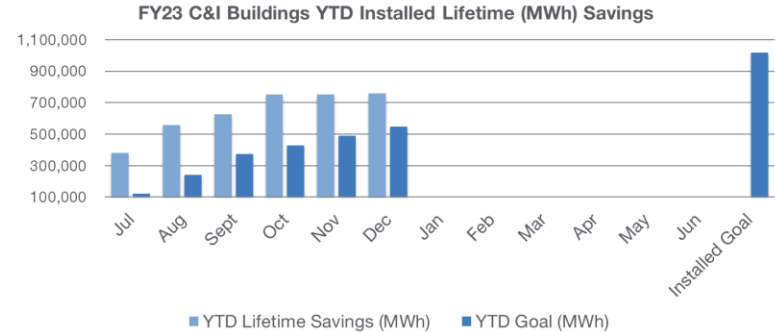
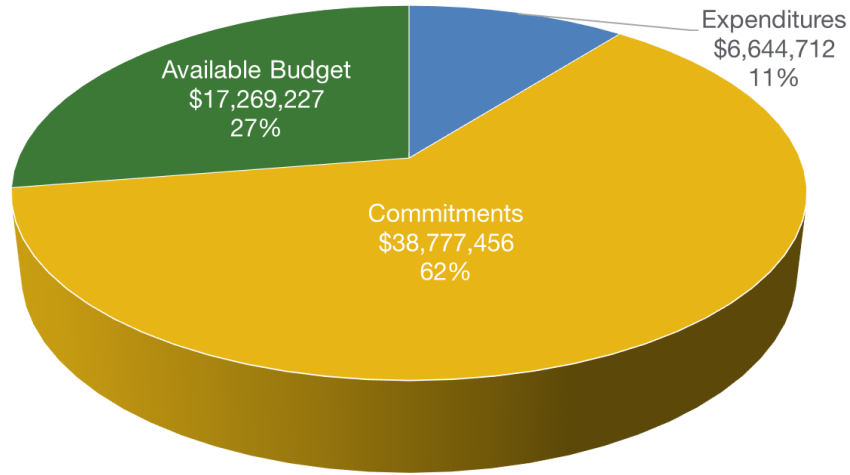
Program Highlights

- Received: 5 enrollments this month 36 YTD
- Approved: 5 projects this month 37 YTD
- Paid: 2 applications this month 22 YTD



Commercial & Industrial Programs

C&I Buildings: Retrofit, CTEEP, P4P EB, LEUP FY23 Incentive Budget: \$62,691,396



C&I Buildings – Program Highlights

Large Energy User Program

| | | |
|-------------|--|-------|
| • Received: | 1 application this month | 5 YTD |
| • Approved: | 2 Final Energy Efficiency Plans this month | 4 YTD |
| • Paid: | 0 applications this month | 7 YTD |

Retrofit *(Close-Out Program: transitioning to Utilities)*

| | | |
|-------------|---------------------------|---------|
| • Received: | 0 applications this month | 0 YTD |
| • Approved: | 0 applications this month | 7 YTD |
| • Paid: | 0 applications this month | 105 YTD |

Pay for Performance Existing Buildings *(Close-Out Program: transitioning to Utilities)*

| | | |
|--------------|---------------------------|-------|
| • Received: | 0 applications this month | 0 YTD |
| • Approved: | 0 Energy Reduction Plans | 9 YTD |
| • Completed: | 2 projects this month | 4 YTD |

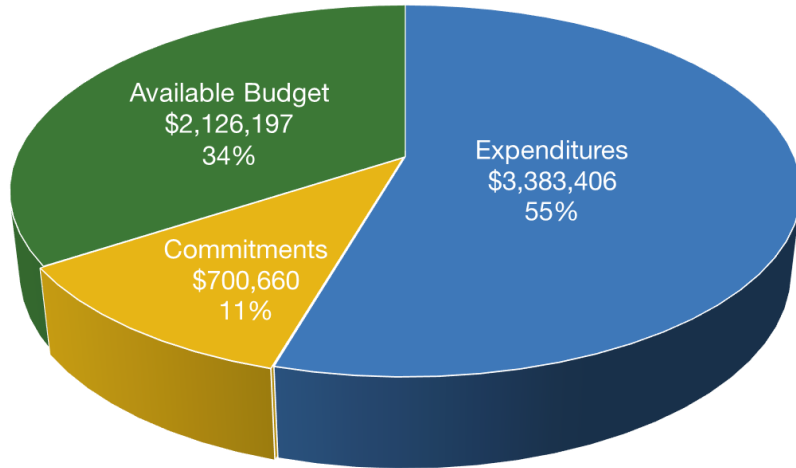
Customer Tailored Energy Efficiency Pilot *(Close-Out Program: transitioning to Utilities)*

| | | |
|-------------|--|--------|
| • Received: | 0 new enrollments this month | 0 YTD |
| • Approved: | 2 applications this month | 5 YTD |
| • Paid: | 0 applications this month | 54 YTD |
| • Held: | 0 scoping session meetings with customers this month | 0 YTD |



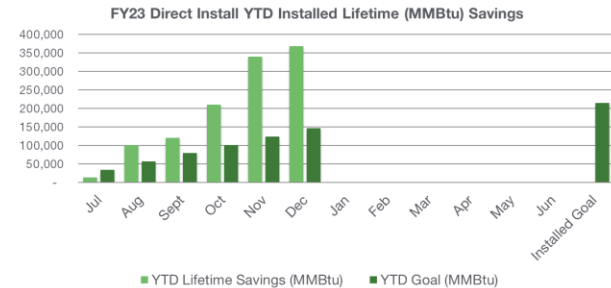
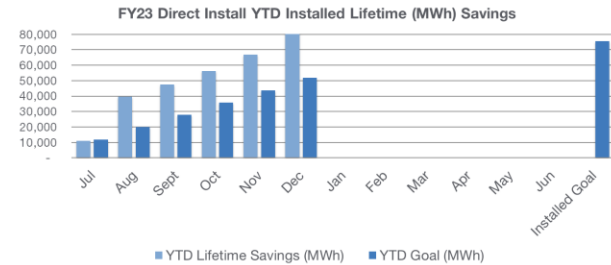
Direct Install *(Close-out Program: transitioning to Utilities)*

FY23 Incentive Budget: \$6,210,263



Program Highlights

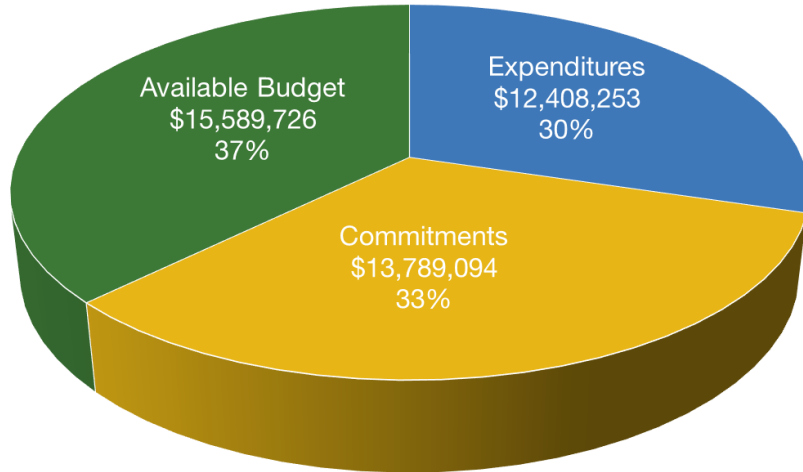
- Received: 0 enrollments this month 0 YTD
- Approved: 0 applications this month 0 YTD
- Paid: 12 applications this month 76 YTD



Comfort Partners

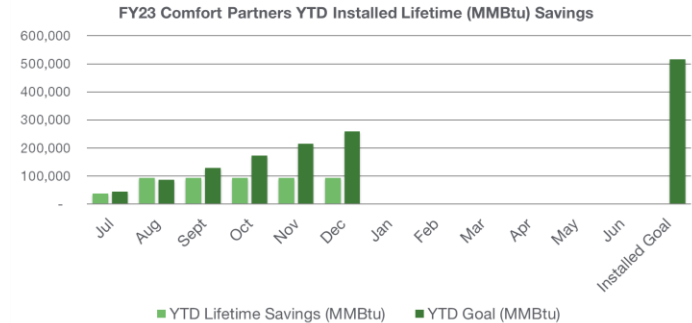
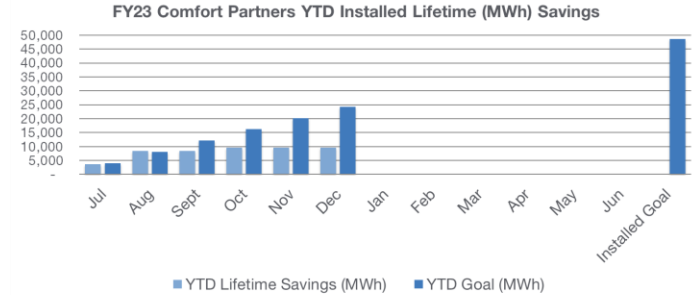
BPU/Utility Managed

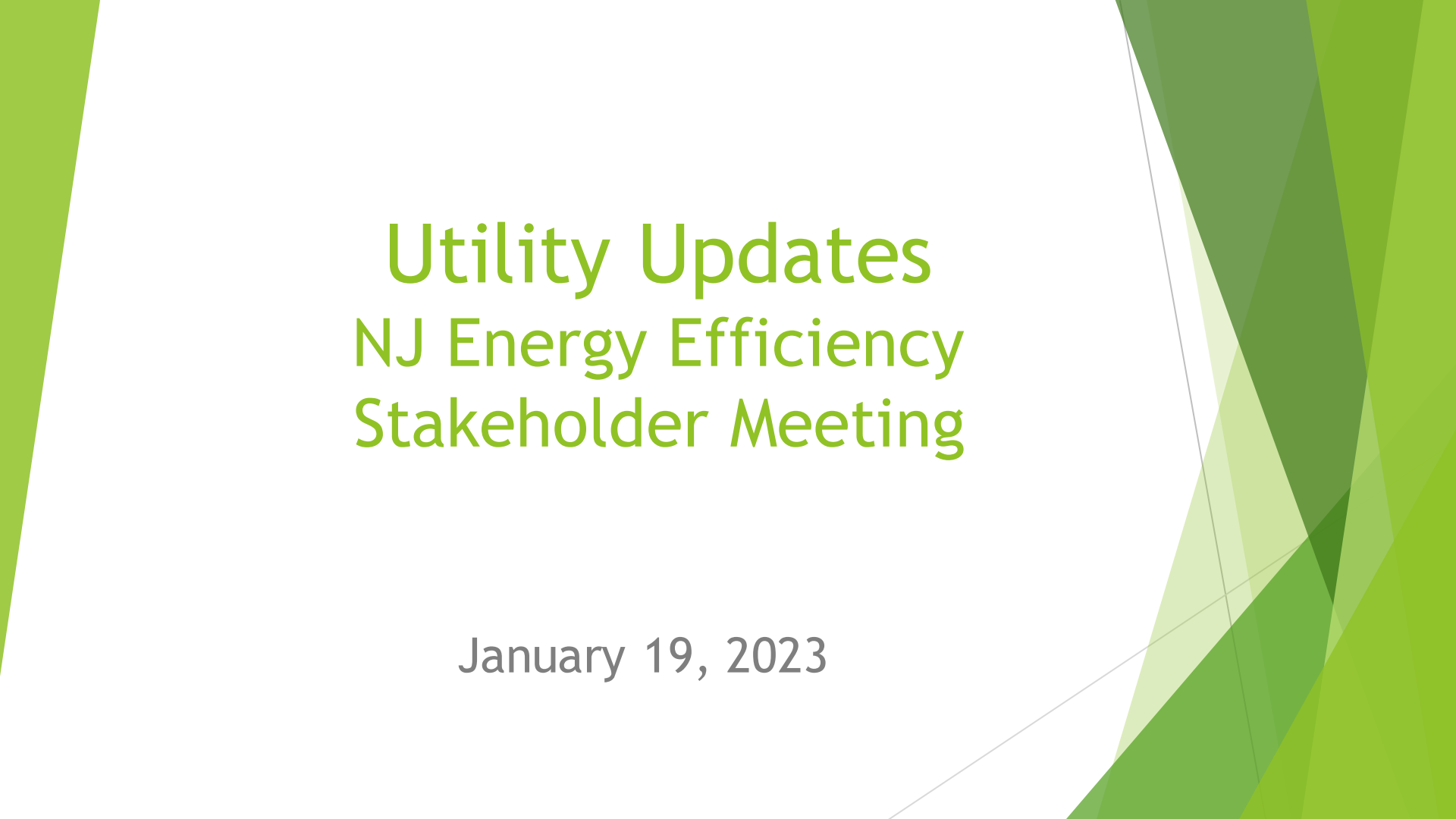
FY23 Incentive Budget: \$41,787,072



Program Highlights

- Completed: 330 projects this month 1,842 YTD



The background features abstract green geometric shapes, including triangles and polygons, in various shades of green, creating a modern and dynamic look.

Utility Updates

NJ Energy Efficiency Stakeholder Meeting

January 19, 2023

Reminders

- ▶ All of the utilities have launched the programs transitioning from NJCEP
- ▶ Reach out to utilities where you may be interested in doing business.
 - ▶ Explore the information they have posted and reach out if you have questions.
 - ▶ Sign up for any contractor updates if that is available.
 - ▶ Build your understanding of utility specific elements (e.g. financing options, online forms)
 - ▶ Some programs have specific contractor requirements and may require a Participating Contractor Agreement
- ▶ Contact info for all utilities is available on the NJCEP Transition page

Utilities appreciate your patience during this transition
Committed to updating FAQs and materials to provide
clarity to customers and contractors

Program Updates

- ▶ Recurring joint utility calls to provide program updates and secure feedback on programs
 - ▶ **HPwES contractors** -
 - ▶ Meeting every other month
 - ▶ Next meeting scheduled for February 16th
 - ▶ **HVAC contractors-**
 - ▶ Next meeting Spring 2023
 - ▶ Reach out to your utility if you are interested in attending future meetings
 - ▶ Contractors do not need to wait for meetings if they have questions
- ▶ Utilities have communicated the impacts of the DOE Cooling Standard changes with contractors and changes have been implemented in Snugg Pro (software used for HPwES).

Questions?

The background features a white space on the left and a complex, abstract composition of overlapping green polygons on the right. The polygons vary in shades from light lime green to dark forest green, creating a layered, geometric effect. A thin, light gray line also intersects the green shapes.



Forthcoming Compilation Report

Statewide Compilation Report

- Tracks Statewide:
 - Budgets
 - Expenses
 - Energy savings
 - Number of participants
- Compares results to goals
- Includes:
 - Current utility programs
 - NJCEP
 - Legacy utility programs
- Should be finalized and posted in next few weeks





NJ Whole House Pilot Program

NEW JERSEY WHOLE HOUSE PILOT PROGRAM

Every family deserves a healthy, safe, and energy efficient home



Home improvements that eradicate hazards like lead and mold, or that make our houses more energy efficient and comfortable can be costly and time-consuming.

The Whole House Pilot Program works in partnership with New Jersey's Comfort Partners Program to **provide hazard removal, remediation, and energy efficiency upgrades for residents of New Jersey at no cost to the resident.**

We believe that every family, regardless of income or location, deserves access to these services.

HOW TO GAIN ACCESS TO THIS PROGRAM IN TRENTON

Start by applying for New Jersey's Comfort Partners' services:

- Call 800-510-3102
- Follow this link:
<https://tinyurl.com/2t4y9jcz>
- Scan the QR code below.



For more information about Comfort Partners, call the number above or scan the QR code

HOW DOES IT WORK?

New Jersey's Comfort Partners Program is a free program that helps individuals at or below 250% of the federal poverty level reduce their utility bills and make their homes more comfortable by gaining energy efficiency improvements.

Some families receive limited services from this program due to other hazards in the home that could make installing these upgrades dangerous for the residents.

When this happens in Trenton, New Jersey Comfort Partners will enroll you in the Whole House Program, and a project coordinator will work to obtain the upgrades your home needs at no cost to you.

The program will do this seamlessly, with minimal time investment from you, and refer you back to Comfort Partners when the work is done.

By the end of the process, your home should be safer, more comfortable, and more affordable.

For more information about the Whole House Pilot Program, call the program coordinator at 609-905-0322 or email njwholehome@ghhi.org.



New Construction Program Update

New Construction Program Update

- Stakeholder Meeting held July 22nd, recording on website: NJCleanEnergy.com/Policy-Updates
- Comments have been reviewed
- Ongoing discussions with Staff re: program changes to be made in response to comments and new research

Next steps

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



Working Group Updates



Working Groups



Four Energy Efficiency Working Groups were identified in the June 10, 2020 Board Order to refine the programs through the transition. The current working groups are as follows:

- **Evaluation, Measurement, and Verification Working Group**
(Technical Reference Manual Committee and NJ Cost Test Committee)
- **Workforce Development Working Group**
- **Equity Working Group** (Comfort Partners Committee and Multifamily Committee)
- **Marketing Working Group**

Evaluation, Measurement, & Verification Working Group



- Provide guidance and input on the planning and monitoring of EM&V plans (including activities, methodologies, budgets, priorities), policies, procedures, guidelines, requirements for program administrators (including data to be tracked and reported, such as GHG emissions reductions, BTU savings, local worker job-hours, supplier diversity), methods to account for strategic electrification, and schedules.
- Provide recommendations on development of a standard, transparent, and replicable approach for EM&V across the state, according to which the State and utilities will be held to the same accountability standards such as the frequency and transparency of reporting and vendor procurement requirements.
- Share associated data, track best practices from other jurisdictions, emerging EM&V approaches and facilitate the necessary stakeholder processes related to the State's EM&V policies.

- **Residential Appliance Saturation Study (RASS)**
 - Online and in-person survey of homeowners of their energy-consuming equipment and building enclosure
 - Expected to start fielding study by end of January
 - Results of study will illuminate the current baseline conditions for Single Family and 2-4 unit Multi-Family homes, including saturation, distribution, fuel type, efficiency levels, and usage behaviors
- **Incremental Measure Cost (IMC)**
 - Incremental cost of energy efficient equipment over and above base/standard equipment
 - Study is currently collecting secondary data (via literature review) and is expected to be completed in March
 - Results will be integrated into Technical Reference Manual and used for benefit-cost analysis
- **Net to Gross (NTG)**
 - Assessment of the % of the savings due directly to an EE program
 - Study will be completed in February
 - Results will be integrated into TRM

- **Utility-Led Impact Studies**

- The TRM is used to assess Ex Ante savings. These studies verify the savings (Ex Post)
- Results used to inform realization rates, TRM revisions, and program planning

- **Comprehensive TRM Update**

- Consolidate the various TRM addenda and present the calculations for Ex Ante savings, realization rates, and net-to-gross in a standardized format
- Contractor is updating about 70 measures and adding about 60 measures
- Results from other on-going studies will also be integrated into TRM as time allows

- **Goal-Setting**

- Sets energy savings targets at the sector-level
- Updating results from 2019 Optimal Market Potential study for current market conditions and assessing new/emerging technologies
- Results expected in February so targets can be integrated into next Triennium goals

Equity Working Group



- Develop recommendations to integrate equity metrics and approaches in energy efficiency and peak demand reduction programs
- Collaborate with Supplier Diversity Development Council to encourage supplier diversity
- Encourage contractor coaching/mentoring of diverse enterprises

Comfort Partners Committee: Oversee Comfort Partners Program and utilities' day-to-day operations

Multifamily Committee: Design and manage delivery of multifamily sector with goals of equitable access and adequate program support

Workforce Development Working Group



- Develop recommendations for establishing coordinated and collaborative workforce development and job training pathways statewide
- Focus on providing economic opportunities for underrepresented and socially or economically disadvantaged individuals



Marketing Working Group



- Promote the programs, overall state brand (utilized by all program administrators), and the larger benefits of participation in EE and PDR programs. Engage in a collaborative effort in branding, messaging, and promotion of all utility- and State-led programs, including in the provision of program materials in Spanish and languages other than English. Staff shall leverage State resources to promote general awareness of EE and other clean energy opportunities in NJ while the utilities shall market specific programs and initiatives to customers in a more targeted fashion

General Q&A



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

Items of Interest



Next Meetings



Energy Efficiency Stakeholder Meetings

NJCleanEnergy.com/StakeholderGroups/Energy-Efficiency

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

February 16, 2023

March 16, 2023

April 20, 2023

May 18, 2023

June 15, 2023

July 20, 2023

August 17, 2023

September 21, 2023

October 19, 2023

(no November meeting)

December 21, 2023



More Information

VISIT

NJCleanEnergy.com

NJCleanEnergy.com/StakeholderGroups/Energy-Efficiency

CONTACT

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THANK YOU

