



Energy Efficiency Stakeholder Meeting

May 19, 2022

Agenda

1. Welcome & Introductions
2. Recap of Last Meeting
3. Current Program Updates
 - a. BPU Updates
 - b. Utility Company Updates
4. Presentation on Empowered Schools Program by Scott Thach, Alliance to Save Energy
5. FY23 Planning
6. Working Group Updates
7. General Q&A
8. Items of Interest
9. Next Meetings

Welcome & Introductions



Recap of Last Month



April Meeting Recap

What we covered:

- ✓ Transition information on NJCEP website
- ✓ NJCEP and Utility Program updates
 - ✓ Third party financing
 - ✓ FY23 Planning
- ✓ Working Group updates
 - ✓ EM&V updates
- ✓ Q&A

Post-Transition Energy Efficiency Programs



Program areas served by NJCEP:

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

* State Facilities are also eligible for utility programs



Program areas served by the Utilities:

- Existing Buildings (residential, commercial, industrial, government)
- Efficient Products
 - Lighting and Marketplace
 - HVAC
 - Appliance Rebates
 - Appliance Recycling

Additional Programs & Features:
Dedicated multi-family program
More financing options
Quick home energy check-ups
Moderate-income weatherization



Continues to be co-managed by the Utilities
and the BPU

Visit our transition website:

www.NJCleanEnergy.com/TRANSITION

FAQs will be
updated
regularly

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
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NEW JERSEY'S CLEAN ENERGY PROGRAM

BOARD OF PUBLIC UTILITIES

POLICY UPDATES & REQUEST FOR COMMENTS

CALENDAR

CLEAN ENERGY STAKEHOLDER GROUPS

GRANTS & SOLICITATIONS

TRAINING RESOURCES

PRESS ROOM

PUBLIC REPORTS AND LIBRARY

CONTACT US

New Jersey's Energy Efficiency Program Transition

Transición del Programa de Eficiencia Energética de Nueva Jersey

Electric Utility Contact Information

Utility Name	Commercial & Industrial Programs	Residential Programs
Public Service Electric & Gas	Website and Email Phone: 844-300-7734	Website and Email Phone: 855-846-2895
Atlantic City Electric	Website, Email and Phone: 806-353-0007	Website, Email and Phone: 806-353-0007
Jersey Central Power & Light	Website, Email and Phone: 800-862-3115	
Rockland Electric	Website, Email and Phone: 877-434-4100	

Gas Utility Contact Information

Utility Name	Commercial & Industrial Programs	Residential Programs
Public Service Electric & Gas	Website and Email Phone: 844-300-7734	Website and Email Phone: 855-846-2895
New Jersey Natural Gas	Website and Email Phone: 877-455-5504	Website and Email Phone: 877-455-5504
South Jersey Gas	Website and Phone: 888-263-7372	Website and Phone: 833-463-0901
Elizabethown Gas	Website and Phone: 888-263-7372	Website and Phone: 833-463-0902

Program Updates

- New! School and Small Business Energy Efficiency Stimulus Program
- Energy Efficiency Stakeholder Meeting Feb 17
- Energy Efficiency Program Transition

Program Literature

Applications and Brochures

Download the Latest Program Materials

Clean Energy Learning Center

Subscribe to eNewsletter

E-Newsletter

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 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, 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 April 2022 – FY22

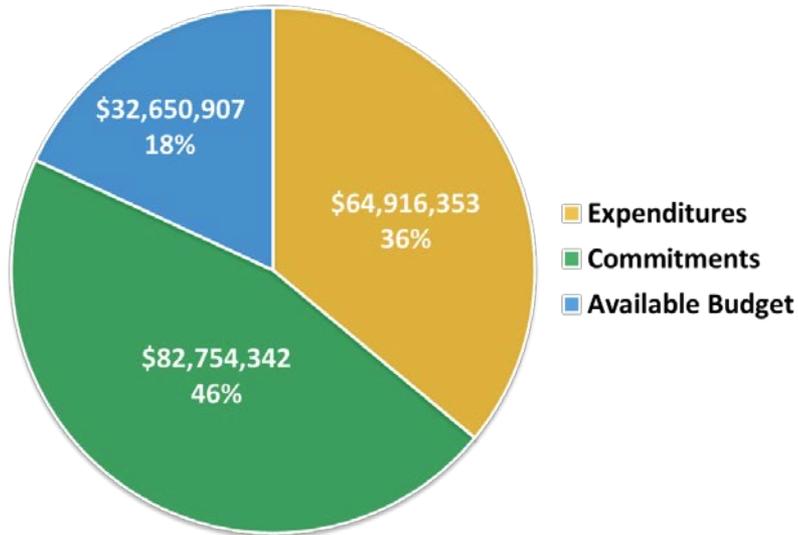


Note (1): The results presented here are preliminary and are subject to change.

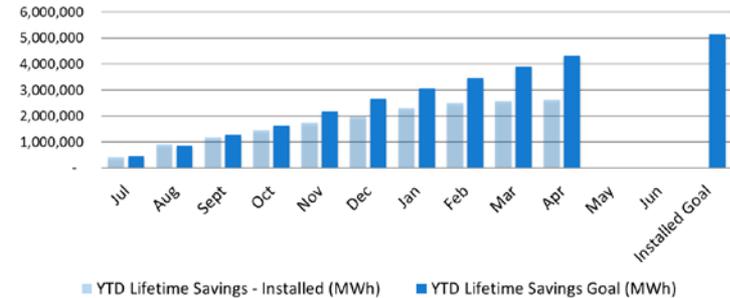
Note (2): Due to COVID-related health and safety restrictions, some programs have experienced a decline in participation or project completions.

Overall Progress Towards TRC Managed Program Goals

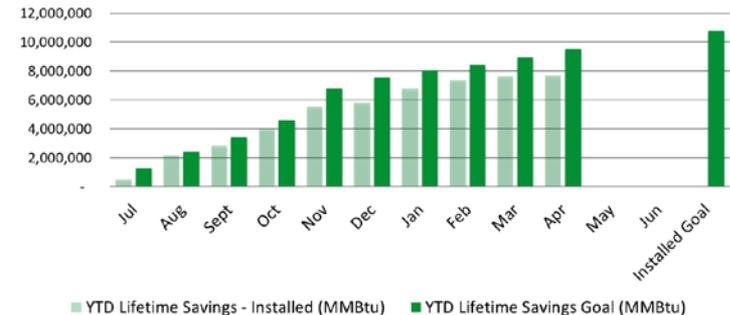
FY22 Overall TRC Managed Programs
Incentive Budget: **\$180,321,602**



FY22 Overall Progress Towards TRC Managed Program Goals
Cumulative Installed Lifetime MWh Savings

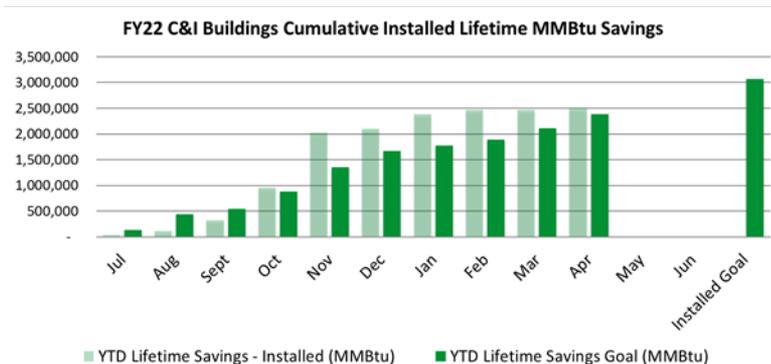
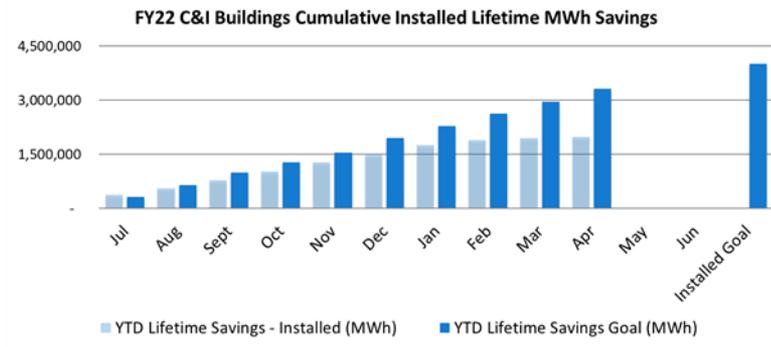
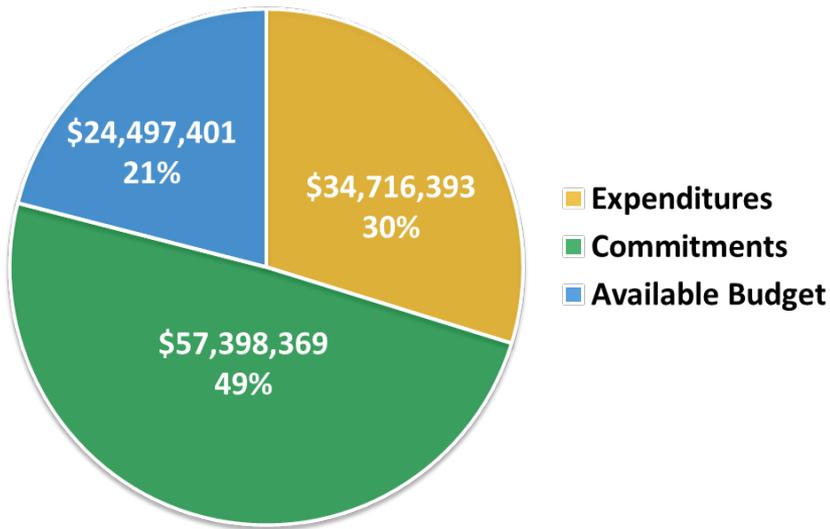


FY22 Overall Progress Towards TRC Managed Program Goals
Cumulative Installed Lifetime MMBtu Savings



Commercial & Industrial Buildings

FY22 Incentive Budget: **\$116,612,163**



Commercial & Industrial Buildings

Program Highlights (April)

Retrofit

- Received 1 application (272 YTD)
- Approved 61 applications (598 YTD)
- Paid 106 applications (1,608 YTD)

New Construction

- Received 1 application (45 YTD)
- Approved 2 applications (48 YTD)
- Paid 4 applications (53 YTD)

Customer Tailored Energy Efficiency Pilot Program (CTEEP)

- Received 0 new enrollments (4 YTD)
- Approved 6 applications (43 YTD)
- Paid 15 applications (83 YTD)
- Held 0 scoping session meetings with customers (5 YTD)

Large Energy Users Program (LEUP)

- Received 0 applications (10 YTD)
- Approved 0 Final Energy Efficiency Plans (6 YTD)
- Paid 1 Application (10 YTD)

Pay for Performance – Existing Buildings

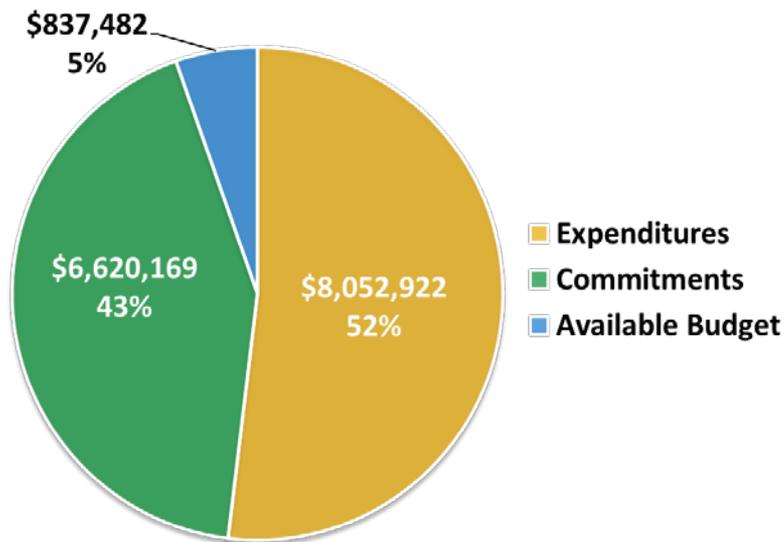
- Approved 1 Energy Reduction Plan (13 YTD)
- Completed 1 project (48 YTD)

Pay for Performance – New Construction

- Received 0 applications (10 YTD)
- Approved 1 Energy Reduction Plan (6 YTD)
- Completed 1 project (4 YTD)

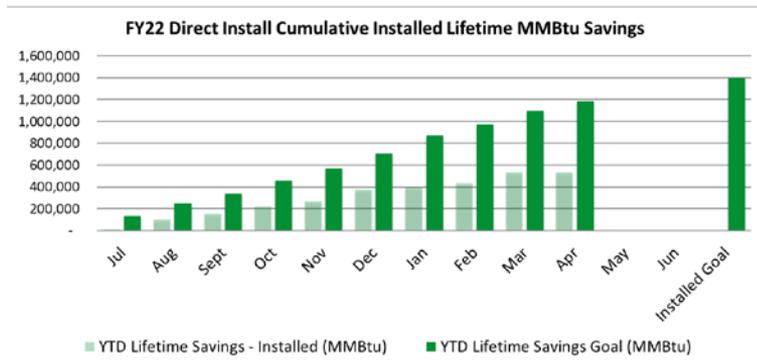
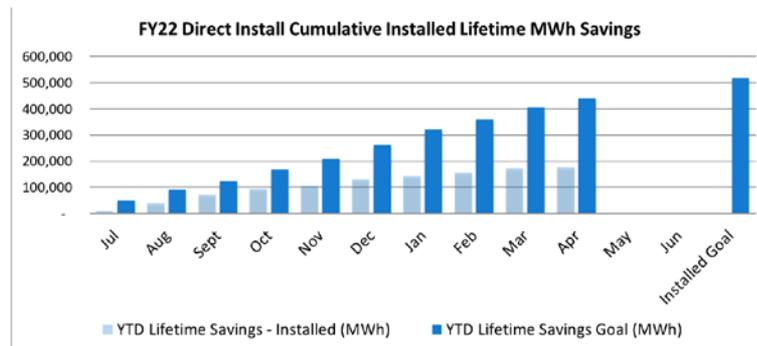
Direct Install

FY22 Incentive Budget: **\$15,510,573**



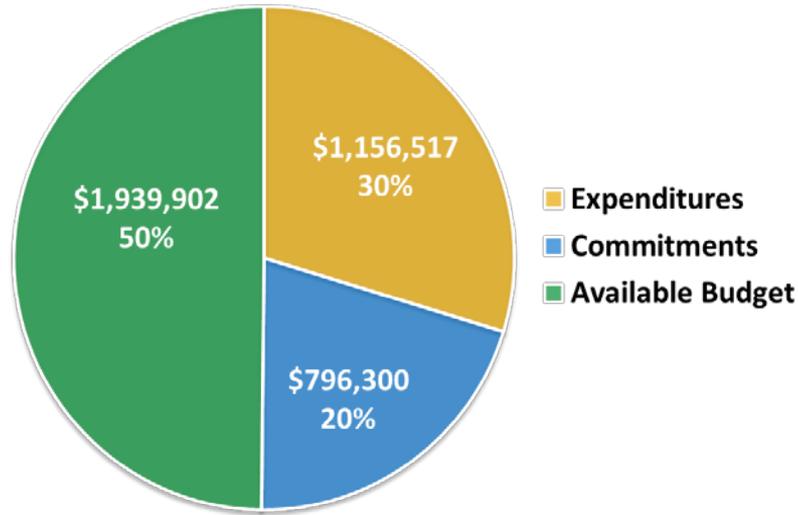
Program Highlights

- Received 0 applications (0 YTD)
- Paid 13 applications (233 YTD)



Local Government Energy Audit (LGEA)

FY22 Incentive Budget: **\$3,892,719**

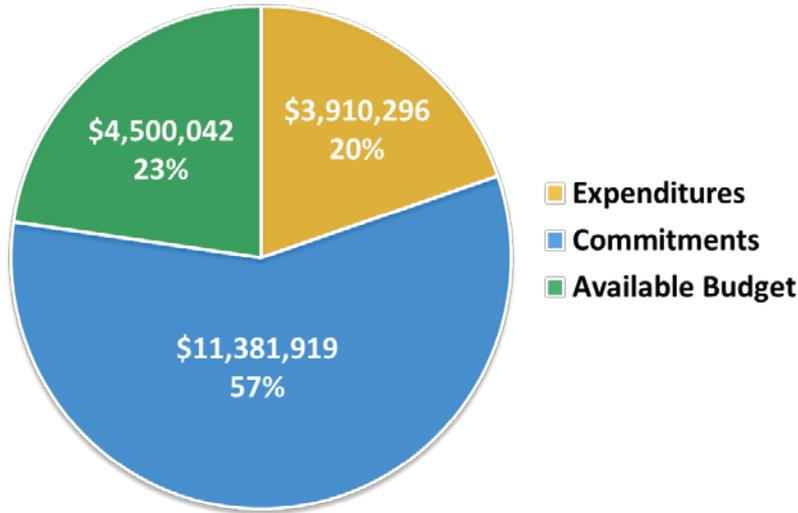


Program Highlights

- Received 18 applications (287 YTD)
- Approved 34 applications (169 YTD)
- Audited approximately 404,195 square feet
- Held 3 Exit Meetings for 18 sites (including additional scopes)
- Delivered Final Audit reports on 23 sites (3 entities)

Distributed Energy Resources

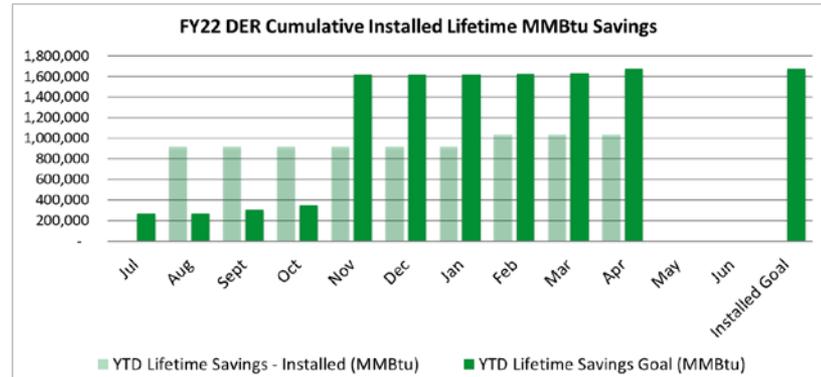
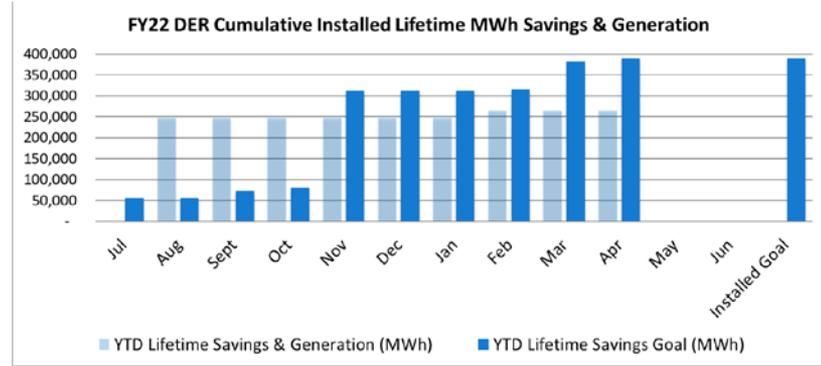
FY22 Incentive Budget: **\$19,792,257**



Program Highlights

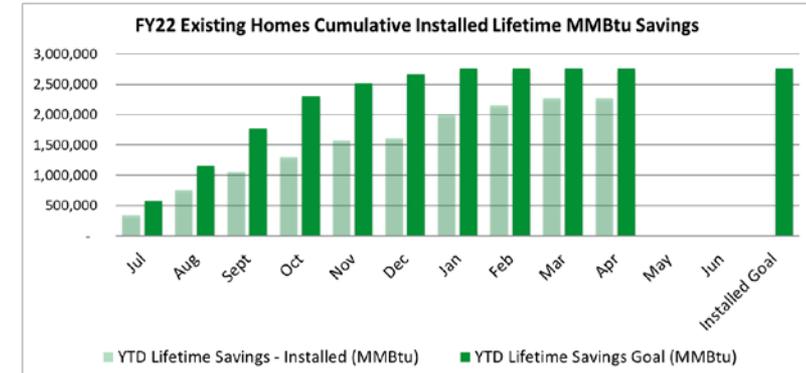
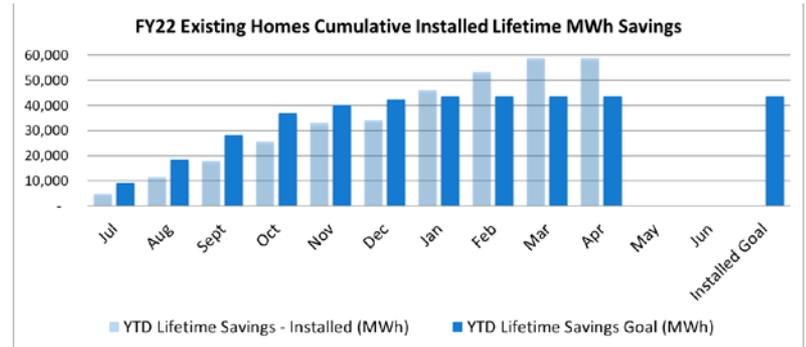
Combined Heat & Power (includes Fuel Cells)

- Received 0 applications (5 YTD)
- Approved 0 applications (1 YTD)
- Completed 0 installations (4 YTD)



Residential Existing Homes

FY22 Incentive Budget: **\$12,336,843**



Residential Existing Homes

Program Highlights (March)

Heating, Ventilation and Air Conditioning (HVAC)

- Received 4 applications (6,173 YTD)
- Paid 1,027 applications (13,692 YTD)
- Delivered 0 HVAC training classes

Home Performance with ENERGY STAR® (HPwES)

- Received 0 enrollments (0 YTD)
- Completed 0 projects (2,164 YTD)
- Delivered 0 HPwES training classes

State Energy Program (SEP) Funding Available for oil, propane, municipal and coop electric customers:

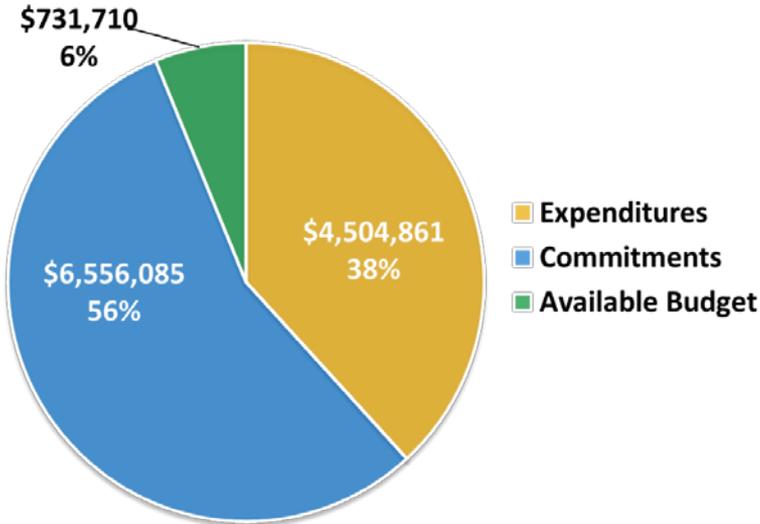
- HVAC: \$ 175,097.64 remaining
- HPwES: \$ 368,966.70 remaining

Contractor Cooperative Marketing Incentives:

- HVAC: \$ 0
- HPwES: \$ 0

Residential New Construction

FY22 Incentive Budget: **\$11,792,656**

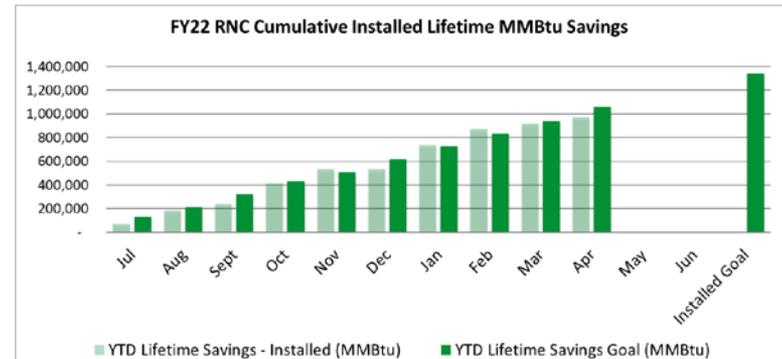
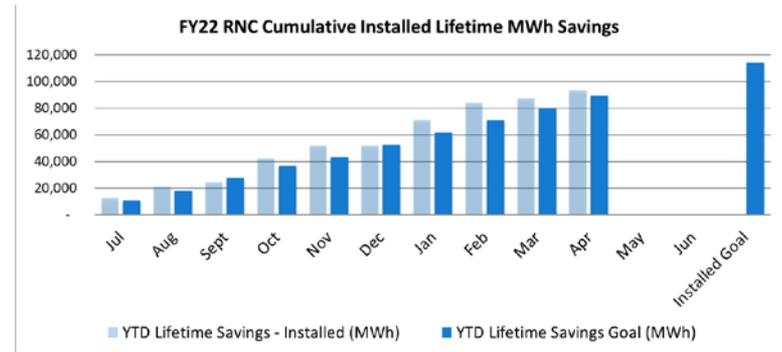


Program Highlights

- Received 286 enrollments (3,229YTD)
- Completed 229 projects (3,079 YTD)

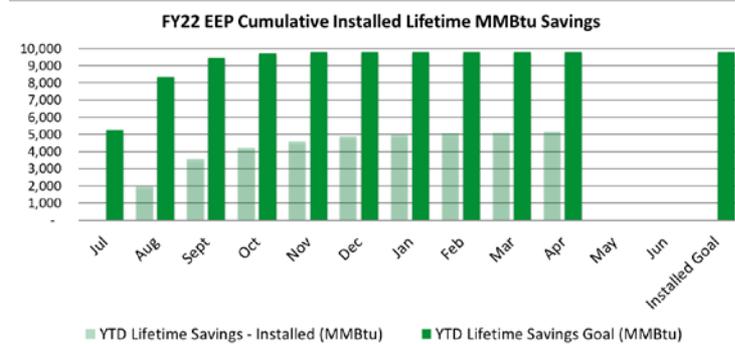
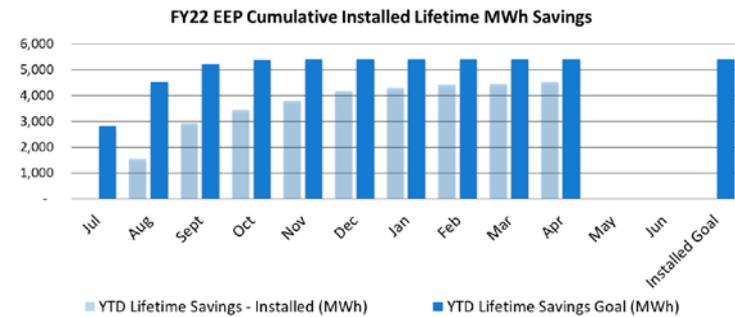
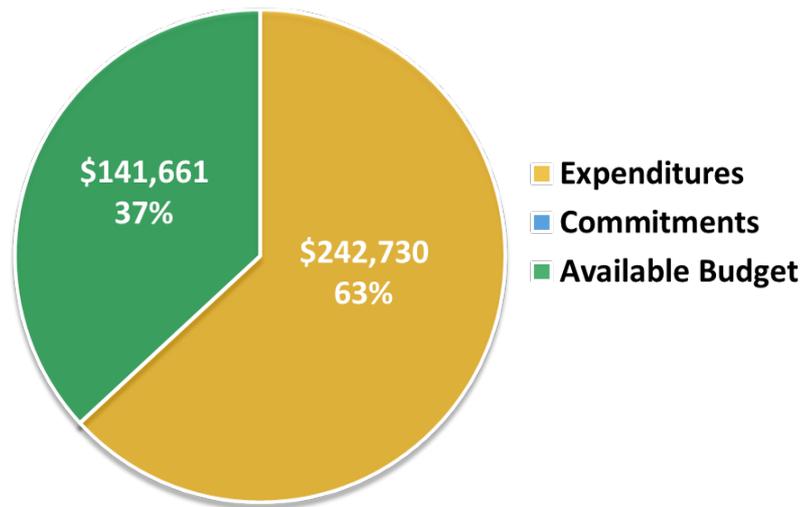
Contractor Cooperative Marketing Incentives:

- RNC: \$ 0



Energy Efficient Products

FY22 Incentive Budget: **\$384,391**

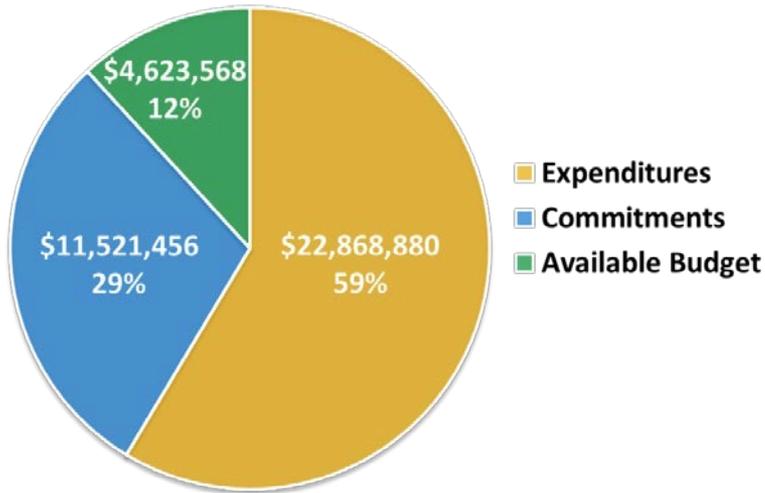


Program Highlights

- Appliance Rebates: 0 completed
- Appliance Recycling: collected 0 units
- 0 retailer store visits were conducted in April

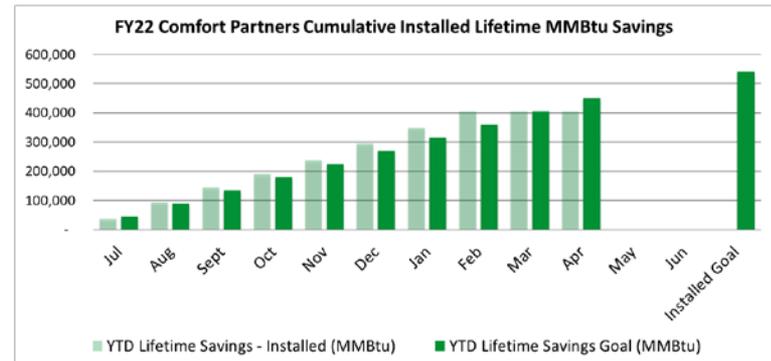
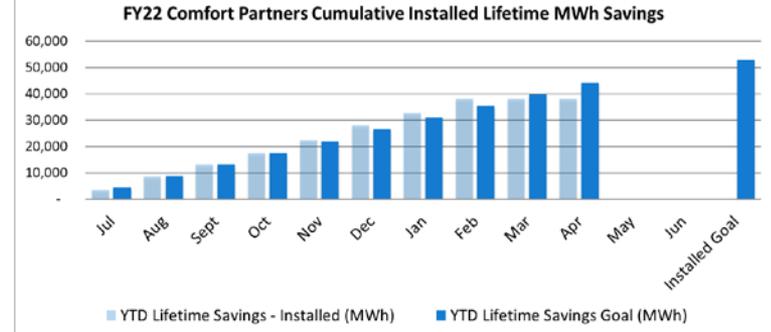
Comfort Partners

FY22 Incentive Budget: **\$39,013,905**



Program Highlights

- Completed 376 Projects (3,368 YTD)



School and Small Business EE Stimulus Programs

- Program launched October 7, 2021
- **Budget** - \$180 Million
 - Grants cover up to 75% of costs
 - Utility program funding and financing may be available for the remainder
- **Goal:** Provide grants to boards of education and eligible small businesses for repair/installation of HVAC and plumbing fixtures and appliance
- **Primary Focus:**
 - Air quality/air flow (COVID - driven)
 - Energy efficiency / water conservation
 - Assisting underserved communities

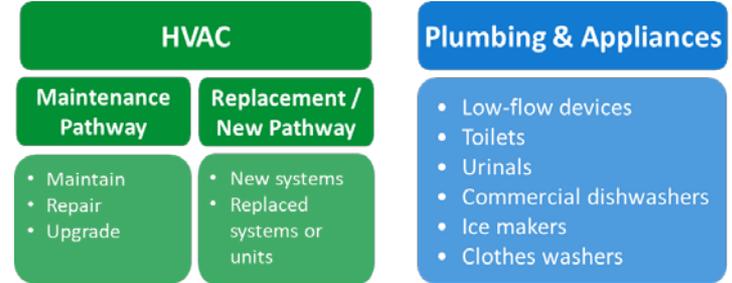
Program information posted on NJCEP website at:

<https://NJCleanEnergy.com/SSBStimulus>

School and Small Business EE Stimulus Programs

- **Boards of Education*** include public schools, such as local school districts, consolidated school districts, regional school districts, county vocational schools, and charter schools

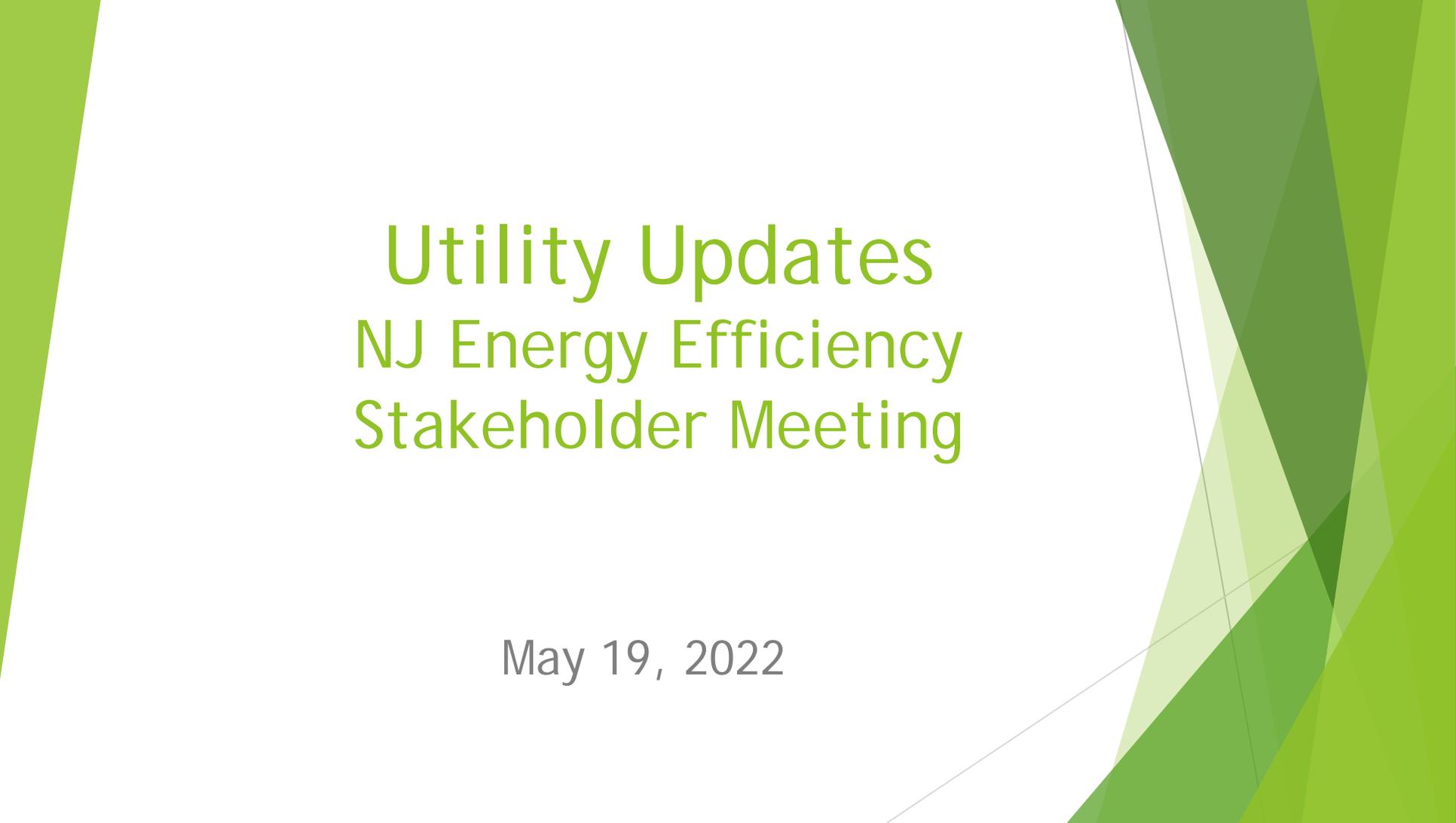
* Private schools are not eligible.



- **Small Businesses*** include New Jersey-based businesses which:
 - Are independently owned and operated;
 - Have no more than 100 full-time employees;
 - Have annual gross revenues that does not exceed \$12 million; AND
 - Are **certified** by the State as a women or minority-owned business:

<https://business.nj.gov/pages/certifications>

* Non-profit organizations are not eligible.

The background features abstract, overlapping green geometric shapes in various shades, including light lime green, medium green, and dark forest green, creating a modern and dynamic feel.

Utility Updates

NJ Energy Efficiency Stakeholder Meeting

May 19, 2022

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 Participating Contractor Agreement
- ▶ Contact info for all utilities is captured NJCEP Transition page

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

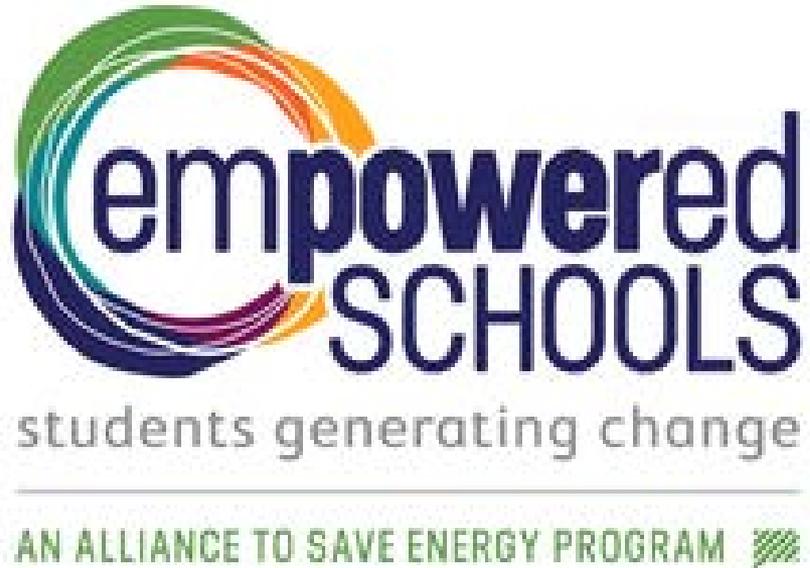
Program Updates

- ▶ Recurring joint utility calls booked to provide program updates and secure feedback on programs
 - ▶ HPwES contractors - 3rd Thursday of every other month
 - ▶ Meeting held earlier today
 - ▶ Collaboratively considering changes to BPI standards
 - ▶ HVAC contractors-
 - ▶ Next meeting to be booked this fall
 - ▶ 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
- ▶ Next PSE&G monthly contractor roundtable scheduled for 5/25 @ 4pm. All participating contractors should have a link for the event from their Account Manager
- ▶ PSE&G launched its Trade Ally Portal offering program participants knowledge resources and Energy Efficiency Learning Center courses

Joint Petition- Budget Constraints

- ▶ Utilities have been working to resolve constraints among Lead and Partner utility budgets that presented challenges in supporting the market during this Triennial.
- ▶ On November 8th, the utilities submitted a joint letter petition with a proposal to allow for more flexibility for utilities to implement solutions that can help keep markets open and allow Lead Utilities to implement their approved Program Plans
 - ▶ Would allow a Lead Utility with available budget to cover a Partner Utility's fuel if a Partner Utility is not able to support the funding request within the existing flexibility provisions
 - ▶ Seeking interim approval to help address existing budget constraints for certain programs in some territories
- ▶ Board currently considering the procedural elements for this petition
 - ▶ Discovery process is complete
- ▶ Working with Board staff and Rate Counsel on a settlement

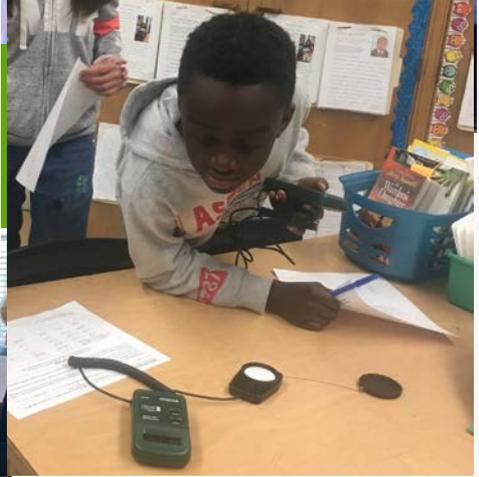
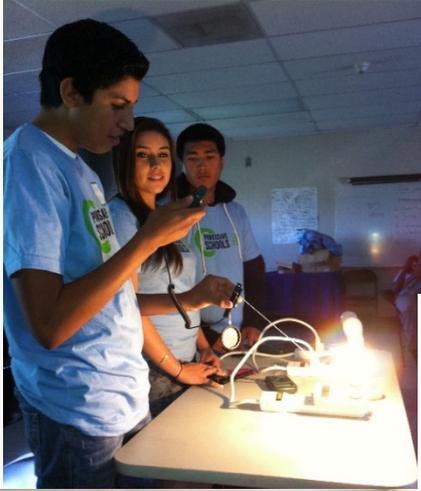
NJNG Perspective on Empowered Schools



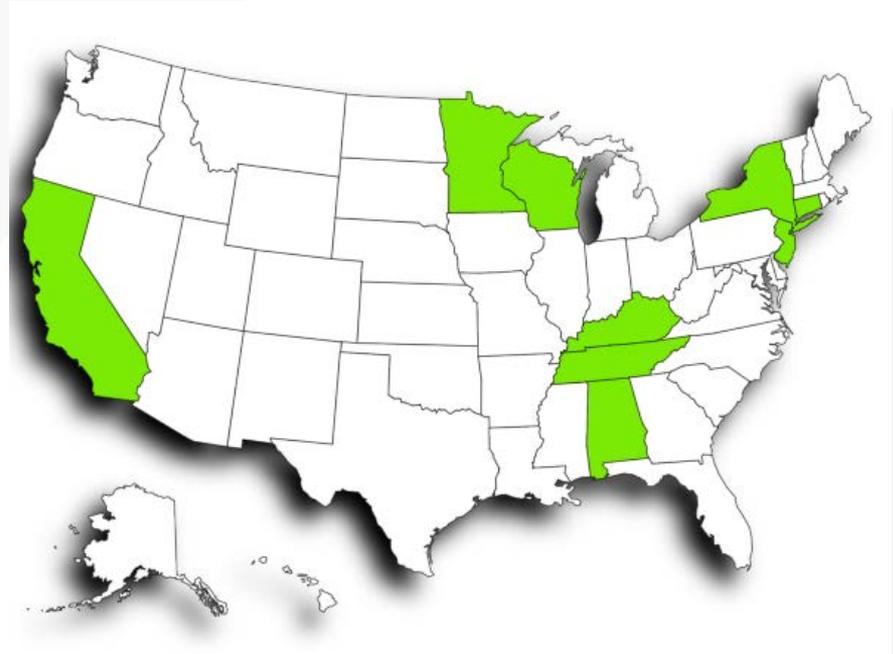
Previously called “PowerSave School Program”



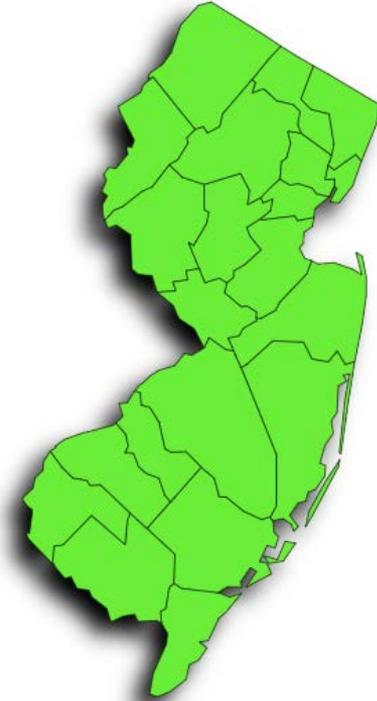
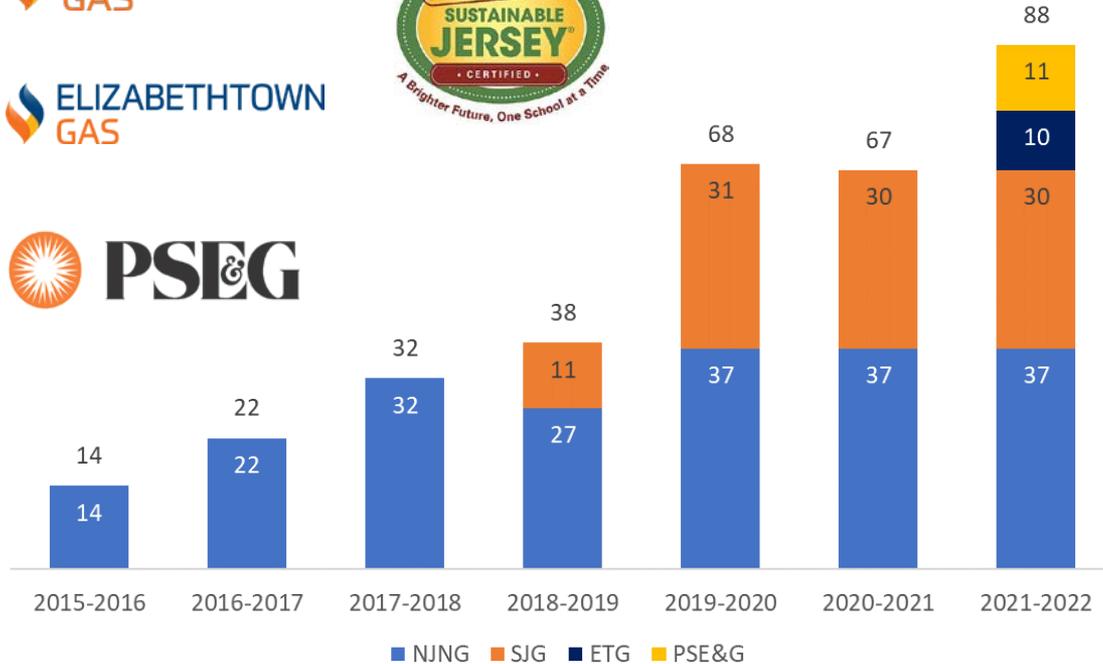
New Jersey EE Stakeholder Mtg



National Program



NJ EmPowered History



Program Goals

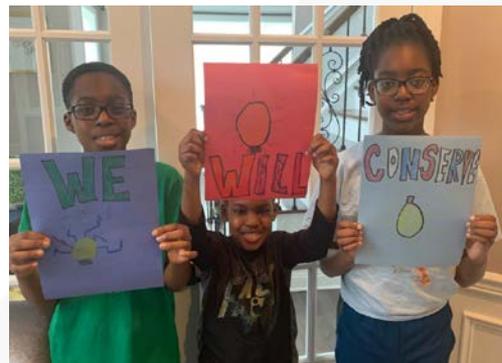
STEM Education

- ✓ K-12, grade-banded curriculum
- ✓ Girls and STEM
- ✓ Underserved schools



Student Leadership

- ✓ Hands-on follow-up activities
- ✓ Schoolwide campaigns
- ✓ Data-driven energy savings



Program Goals (cont.)



Community Engagement

- ✓ EmPowered at Home
- ✓ EE messaging to hard-to-reach communities
- ✓ Encouraging energy program participation
 - ✓ LADWP Shared Solar program

Statewide Education & Outreach

- ✓ Energy Upgrade California
 - ✓ Do Your Thing
 - ✓ Time-of-Use Community Education
 - ✓ Flex Alerts (Flex Our Power)



How the Program Works

Teacher Trainings

- ✔ Professional Development Workshop
- ✔ Mid-Year Recharge
- ✔ End-of-Year Celebration



EmPowered Student Teams

- ✔ STEM learning
- ✔ Hands-on application
- ✔ Schoolwide leadership
- ✔ Measurable energy savings
- ✔ Household & community engagement

Why the Program Works

Fun & Empowering for Students

- ✓ Gamified presentation of content
- ✓ Leadership opportunities
- ✓ Competition, rewards, & recognition



Flexible & Easy for Teachers

- ✓ Lessons in a video format
- ✓ Easily integrates into teachers' curriculum
- ✓ Requires minimal prep time

Local Project Leader (LPL) Support

- ✓ Trainings
- ✓ Monitoring progress
- ✓ Available through web platform, email, & phone



Curriculum

Energy Basics



Climate



Energy Auditing



Green Careers



Watts & Water



Environmental Justice



Curriculum (cont.)

Advanced Building Science



Energy Demand



Explore Renewables



Capstone Projects



EmPowered Portal Walkthrough

The screenshot displays the EmPowered Schools portal interface. At the top, the navigation bar includes the logo, a breadcrumb trail 'Classes > ES Test Class > NJ EmPowered 3-5', and links for Home, Dashboard, and a user profile icon. The main content area is divided into two primary sections: 'Teacher Training' and 'Benchmarks'. The 'Teacher Training' section features three orange buttons: 'PROFESSIONAL DEVEL...', 'MID-YEAR RECHARGE', and 'EOY CELEBRATION', each with a right-pointing arrow. The 'Benchmarks' section contains four green cards, each representing a benchmark with its completion status and a 'CONTINUE' button with a right-pointing arrow. The background of the portal features a stylized illustration of a building and a construction crane.

Teacher Training

- PROFESSIONAL DEVEL... →
- MID-YEAR RECHARGE →
- EOY CELEBRATION →

Benchmarks

Benchmark	Progress	Status
Welcome Benchmark	0/1	COMPLETE
1. Energy Basics	1/6	COMPLETE
2. Climate	0/3	COMPLETE
3. Energy Audit	0/5	COMPLETE

10:41 AM
4/19/2022

Questions?



Thank You!



Doug Abbott DAbbott@ase.org



Scott Thach SThach@ase.org

FY23 PLANNING



FY23 Planning

- Planning Underway – Program change recommendations being considered by BPU staff and Commissioners.
- Planning for stakeholder meeting to discuss new construction program design.
- Compliance Filing and Summary of Program Changes to be released in May – hearing and public comment process to follow.
- Board Action in June for July 1 effective date.

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.

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



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

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

June 16, 2022

July 21, 2022

August 18, 2022

September 15, 2022

October 20, 2022

November 17, 2022

December 15, 2022

More Information

VISIT

NJCleanEnergy.com

NJCleanEnergy.com/StakeholderGroups/Energy-Efficiency

CONTACT

EnergyEfficiency@bpu.nj.gov

866.NJ.SMART (657.6278)

NEWSLETTER

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EE LISTSERV

NJCleanEnergy.com/LISTSERVS



@NJCleanEnergy

THANK YOU

