



New Jersey's Clean Energy Program™

Energy efficiency funds for religious institutions,
businesses, and residents.



July 2, 2020



Agenda

- Introduction to BPU and New Jersey's Clean Energy Program
- Funds for:
 - Religious institutions
 - Congregation – local businesses and residents

NJCEP Background

ADMINISTERED BY

New Jersey Board of Public Utilities' Division of Clean Energy

FUNDING

Societal Benefits Charge (SBC) on utility bill

PROGRAM GOALS

- Education
- Change behavior
- Provide opportunity for ALL NJ residents to reduce energy and lower operating cost
- Protect the environment and lower emissions
- Meet Governor's goal of 100% clean energy by 2050

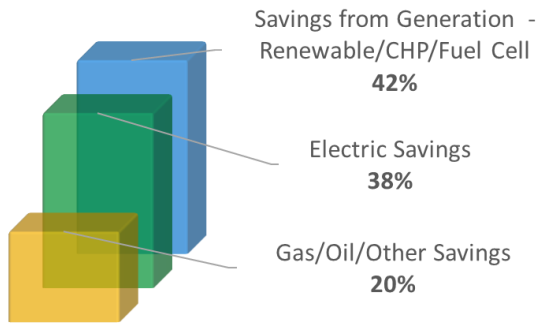


Program Performance...

FY19 data



131,000+ applications processed in FY19



Energy Savings are delivered through electric, gas, oil, other efficiencies and generation



\$136,000,000+ incentives paid in FY19

...Brings Real-World Results

FY19 data

Clean Energy Programs eliminated enough CO₂ to equate to:



96,000+ cars removed



7,400,000+ trees planted



452,616 metric tons greenhouse gases eliminated

NJCEP Portfolio of Programs

RENEWABLE ENERGY

- Offshore Wind
- TREC - Solar Registration
- Community Solar



SPECIALIZED ENERGY EFFICIENCY

- Community Energy Grants
- State Facility Initiatives
- R&D Energy Tech Hub *
- Workforce Development*



COMMERCIAL & INDUSTRIAL

- Energy Audits
- Energy Efficiency Incentives
- High Performance Building Competition
- Trade Allies



DISTRIBUTED ENERGY RESOURCES

- Combined Heat & Power – Fuel Cells
- Microgrid Development
- Battery Storage*
- Electric Vehicles



RESIDENTIAL

- New Construction
- Existing Homes
- Energy Efficient Products
- Trade Allies



** coming soon!*

PROGRAMS FOR RELIGIOUS INSTITUTIONS*

A decorative graphic consisting of several overlapping, wavy lines in shades of green and blue, flowing from the left side of the page towards the right.

*businesses are eligible for the same programs

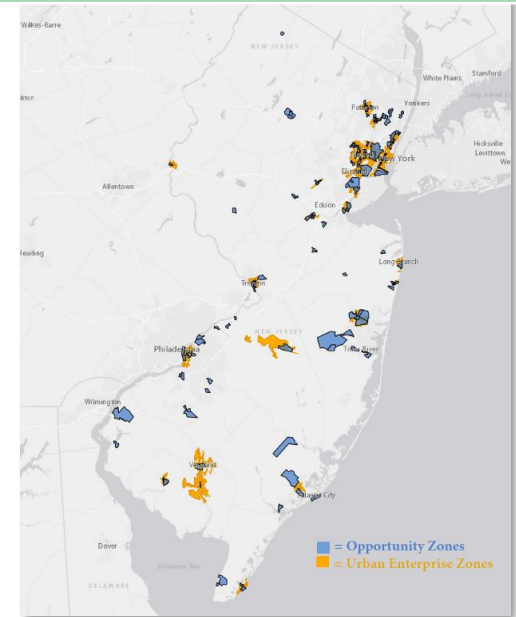
Definitions: UEZs and OZs

Some programs offer **enhanced incentives** to buildings:

- in a **UEZ or OZ**
- owned or operated by a **local government** (municipalities and counties)
- owned or operated by a **K-12 public school**
- designated as **affordable housing**



Eligibility Basis	Criteria
<p>➤ Located in an Urban Enterprise Zone (UEZ)</p>	<p>The building where equipment is or will be installed must be located within the bounds of an Urban Enterprise Zone (UEZ). Please follow the steps below to confirm your facility is within the qualifying zone.</p> <p>The building location must be checked against the NJ Community Asset Map.</p> <ol style="list-style-type: none"> 1. Enter the address of your building in the field at the top of the map. 2. Under the Layers menu on the left side of the screen, scroll down to Urban Enterprise Zones and <i>check</i> to enable the layer. 3. Print or save a screenshot of the page to include with your submission. <p>For the avoidance of doubt, companies do not need to become a Certified UEZ Business to be eligible for enhanced incentives from NJCEP.</p>
<p>➤ Located in an Opportunity Zone (OZ)</p>	<p>The building where equipment is or will be installed must be located within the bounds of an Opportunity Zone (OZ). Please follow the steps below to confirm your facility is within the qualifying zone.</p> <p>The building location must be checked against the NJ Community Asset Map.</p>



[Click here for a link to NJ Community Asset Maps](#)

Fiscal Year 2020* Highlights

- NJCEP has paid out over \$1 million in incentives to religious institutions in FY20
- Paid 83 applications for religious institutions
- The average project incentive is \$12,300

*as of 6/3/2020

Congregation Lakeview Place

- Retrofit project:
 - LED lighting
- Total Project Cost: \$2,328
- **Total Incentive: \$1,090**



Yeshiva Kol Torah

- Retrofit project:
 - LED lighting
- Total Project Cost: \$25,392
- **Total Incentive: \$24,840**



image: Google Maps

Received a **double** incentive for being in an Urban Enterprise Zone (UEZ)

Clayton Baptist Church

- Comprehensive project:

- LED lighting
- Pipe insulation
- HVAC
- Low flow faucets
- Economizers
- Furnace controls



image: Google Maps

- Total Project Cost: \$126,748

- **Total Incentive: \$ 82,931**

RESIDENTIAL PROGRAMS



Residential Portfolio of Programs

NJCleanEnergy.com/RESIDENTIAL

HOME PERFORMANCE W/ ENERGY STAR®

- Whole-house and safety solutions for existing homes
- Air sealing, insulation, heating and cooling upgrades
- Up to a \$4,000 rebate + 0% financing up to \$10,000 or .99% up to \$15,000

WARMADVANTAGE & COOLADVANTAGE

- Stand-alone rebates for heating and cooling systems
- Furnaces, boilers, water heaters, central air conditioners, mini-splits, heat pumps, etc.



ENERGY EFFICIENT PRODUCT REBATES

- Includes ENERGY STAR® certified refrigerators, dryers, washers, air purifiers, dehumidifiers, room air conditioners
- Refrigerator/freezer recycling and lighting discounts



RESIDENTIAL NEW CONSTRUCTION

- Builders work with a rater to properly certify the homes to ENERGY STAR® certified or Zero Energy Ready Home levels

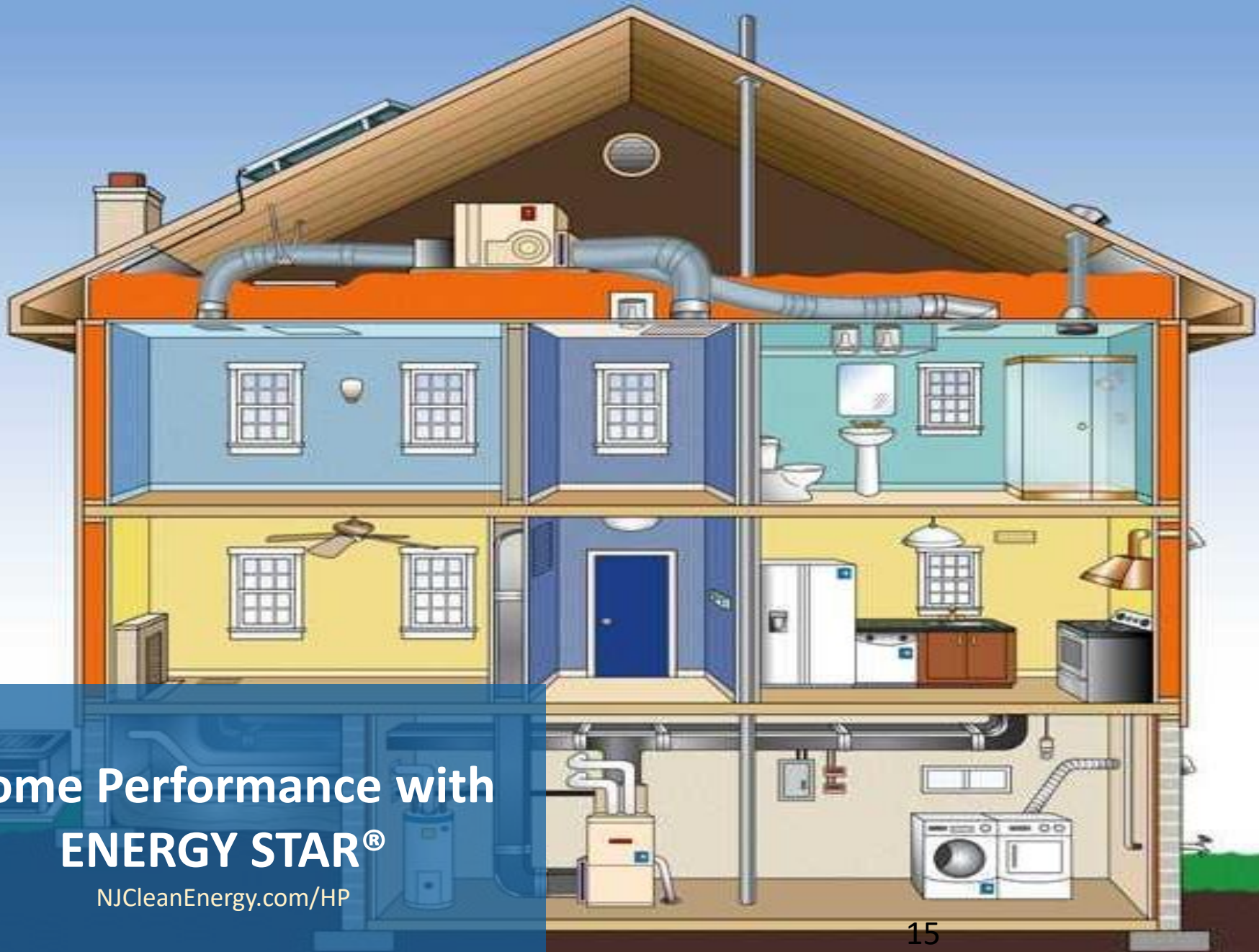


COMFORT PARTNERS

- A FREE program including lighting upgrades, hot water conservation, replacement of fridges and thermostats, insulation upgrades and heating and cooling maintenance **for income eligible families**

FY20

Some programs offer enhanced incentives for homes located in an UEZ, low to moderate income and affordable housing units



Home Performance with **ENERGY STAR®**

NJCleanEnergy.com/HP

What is Home Performance?

NJCleanEnergy.com/HP

HOME PERFORMANCE
WITH ENERGY STAR®

- Provides whole-house energy assessments and comprehensive energy efficient upgrades for existing homes
- Addresses comfort, indoor air quality, health & safety, and energy usage problems
- The program uses specially trained/certified Building Performance Institute (BPI) GoldStar contractors



Benefits for Homeowners

NJCleanEnergy.com/HP

HOME PERFORMANCE
WITH ENERGY STAR®

- Removes Dust and Allergens
- Eliminates Drafts
- Creates More Comfortable Home
- Reduces Asthma and Sinusitis
- Eliminates Moisture and Mold
- Reduces High Utility Bills
- Addresses Climate Change
- Creates Energy Independence



Steps to Participation

NJCleanEnergy.com/HP

HOME PERFORMANCE
WITH ENERGY STAR®

1. Select a participating NJ Program BPI GoldStar Contractor
NJCleanEnergy.com/HP
2. Schedule a Home Assessment (fee for assessment may apply as per contractor)
3. Assessment identifies possible Health & Safety Issues and Energy Improvements
4. Review contractor recommendations and incentive level
5. GoldStar contractor installs the recommendations & performs test-out



Incentives

NJCleanEnergy.com/HP

HOME PERFORMANCE
WITH ENERGY STAR®

Incentives based on Total Energy Savings for single-family homes (1-4 units) & townhomes

\$2,000 up to \$4,000 cash incentive

Plus:

- 0% Interest loan up to \$10,000 or
- **0.99% interest loan up to \$15,000**
- **Up to \$1,000 Urban Enterprise Zone (UEZ), low to moderate income bonus or affordable housing bonus**



Case Study

Dan F., Morristown, NJ

- Size and Age of Home: 2,335 Square Feet, ~50 years
- Main Concerns: Differences in temperature from first floor to second. The second floor was much colder in the winter and much hotter in the summer
- Project Cost: \$9,942
- Rebate: \$3,000
- Loan: 0% loan for balance of cost
- Measures installed: Air Sealing, Insulation, water heater
- Savings: 15-30% per month on bills compared to last year

WARMAdvantage and COOLAdvantage

NJCleanEnergy.com/WARM and NJCleanEnergy.com/COOL

WARMAdvantage &
COOLAdvantage

Heating and Cooling System Rebates

- Central AC Units (\$500 or \$300)
- Central Air Source Heat Pump (**Up to \$1,000**)
- Mini-Split A/C (\$500)
- Air-to-Water Heat Pump with Integrated Domestic Hot Water (**\$2,000**)
- Mini-Split Cold Climate Air Source Heat Pump (CCASHP) (**up to \$2,000**)
- Gas and Oil Furnaces (\$250 or \$500)
- Gas and Oil Boilers (\$300)
- Gas/Propane Water Heaters (\$300)
- Electric Heat Pump Water Heater (**\$750**)
- Combination Boiler/Furnace and Water Heater (\$700 or \$950)
- **Urban Enterprise Zone (UEZ), LMI or affordable housing Bonus of \$200**



per Unit



(may receive only one bonus incentive)

Appliance Rebates

NJCleanEnergy.com/PRODUCTS

EE PRODUCT
REBATES

- \$50 or \$75 rebates on select clothes washers and refrigerators
- \$100 or \$300 rebates for select dryers
- **Rebates on ENERGY STAR certified Air Purifiers (\$50)
Dehumidifiers (\$25) Room ACs (\$15)**
- Ask retailers for more information or visit:
 - NJCleanEnergy.com/CLOTHESWASHERS
 - NJCleanEnergy.com/DRYERS
 - NJCleanEnergy.com/FRIDGEREBATE
 - **NJCleanEnergy.com/APPLIANCES**
- Eligible products lists are included on each page
- Visit your local retailer for discounts on ENERGY STAR certified lighting



Appliance Recycling

NJCleanEnergy.com/RECYCLING

EE PRODUCT
REBATES

- Recycling for old, inefficient refrigerators and freezers
- FREE pick-up and a \$50 rebate
- Room air conditioners and dehumidifiers can be recycled during the fridge/freezer pick-up appointment for an additional \$25 rebate each
- Approximately 95% of each appliance is recycled
- Schedule appointments online at NJCleanEnergy.com/RECYCLING



Residential Bonus Incentives

Existing Program	Urban Enterprise Zone (UEZ)	Low to Moderate Income (LMI)	Affordable Housing
WARM/COOL	\$200	\$200	\$200
Residential New Construction	\$500	N/A	Only for Single Family and Multi-Single \$500
Home Performance (depends on tier of program)	\$500, \$750, or \$1,000	\$500, \$750, or \$1,000	All Building Types \$500, \$750, or \$1,000

Each program only permits residents to receive one of the above incentives.

Comfort Partners Overview

NJCleanEnergy.com/CP

COMFORT PARTNERS

This free, energy-saving and education program is geared to low-income homeowners who have an income at or below 250% of the federal poverty guidelines.

Eligible participants may receive free installation by a Building Performance Institute (BPI) certified contractor of the following (on a home specific basis):

- Energy efficient lighting
- Hot water conservation measures (water heater insulation, water heater pipe insulation and energy-saving showerheads and aerators)
- Replacement of inefficient refrigerators and thermostats
- Insulation upgrades (attic, wall, etc.)
- Blower-door guided air sealing, duct sealing and repair
- Heating/cooling equipment maintenance

For assistance in
paying utility bills:

<https://www.bpu.state.nj.us/bpu/assistance/programs/>

Next Steps: NJCEP & You!

- One on one follow-up with you
- Newsletter/eblast text to residents and local businesses
- Specialized webinars to your congregations

More Information

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VISIT

NJCleanEnergy.com

NEWSLETTER

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LISTSERVS

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THANK YOU

