



New Jersey's Clean Energy ProgramTM

Clean Energy and Efficiency Opportunities for Residential,
Commercial, Industrial, Multifamily, and Institutional Buildings

[Date]

NJCEP Suite of Programs

Energy Efficiency - Existing Buildings

- FREE Local Government Energy Audits
- C&I Large Energy Users
- FREE Income Eligible Residential Upgrades

Energy Efficiency - New Construction

- New Construction (Residential, Multifamily, Commercial & Industrial)



Coming soon!

New Construction Program (single point of entry)

Distributed Energy Resources

- **New: Combined Heat & Power Feasibility Study**
- Combined Heat & Power
- Fuel Cells

Electric Vehicles

- Light-Duty Residential EVs
- At-Home Charging
- Multi Unit Dwelling Chargers
- Municipal Fleets

Renewable Energy

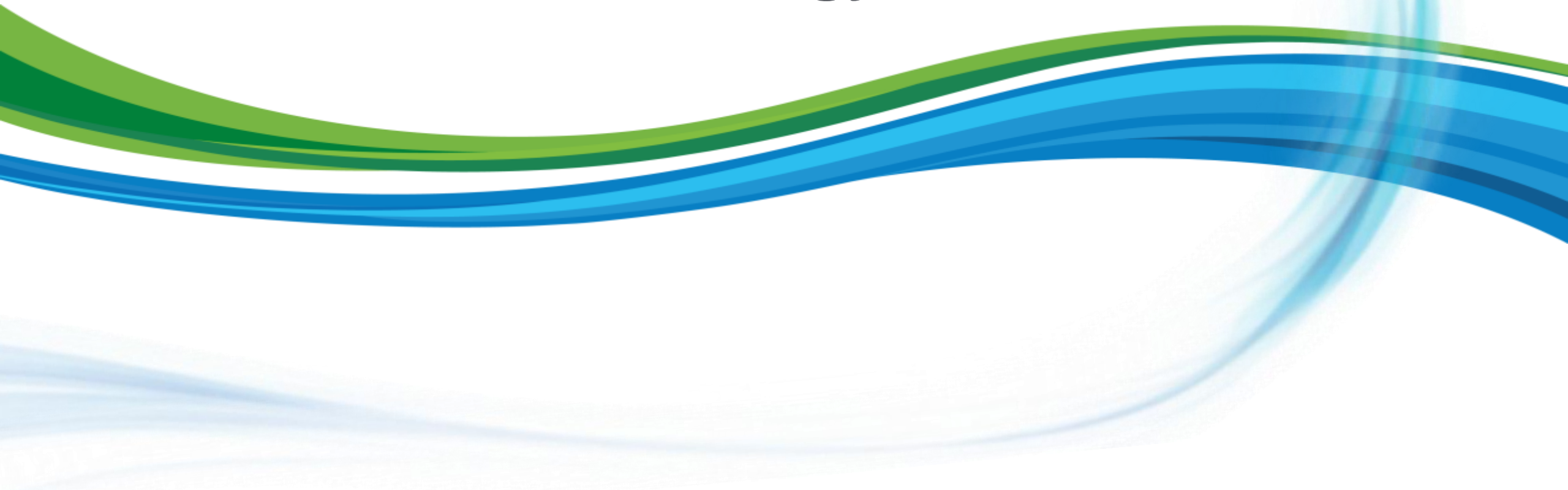
- SUSi Solar Incentives
- Community Solar
- Offshore Wind

Specialized Programs

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



Local Government Energy Audit



Local Government Energy Audit

NJCleanEnergy.com/LGEA

EXISTING BUILDINGS

WHO

Local Government, New Jersey Colleges and Universities, and 501(c)(3) Non-Profit buildings with an average yearly demand >200kW*

INCLUDES
BENCHMARKING

COST

Free

WHY

- Inventory of all energy-consuming equipment and costs
- Comprehensive utility bill analysis
- Facility benchmarking
- Feasibility for solar and combined heat & power
- High level water assessment

INCENTIVE CAP

- \$150,000 per entity (covers most small to large entities)
- \$300,000 per 501(c)(3) hospital**
- \$300,000 maximum cap per entity with ESIP participation**

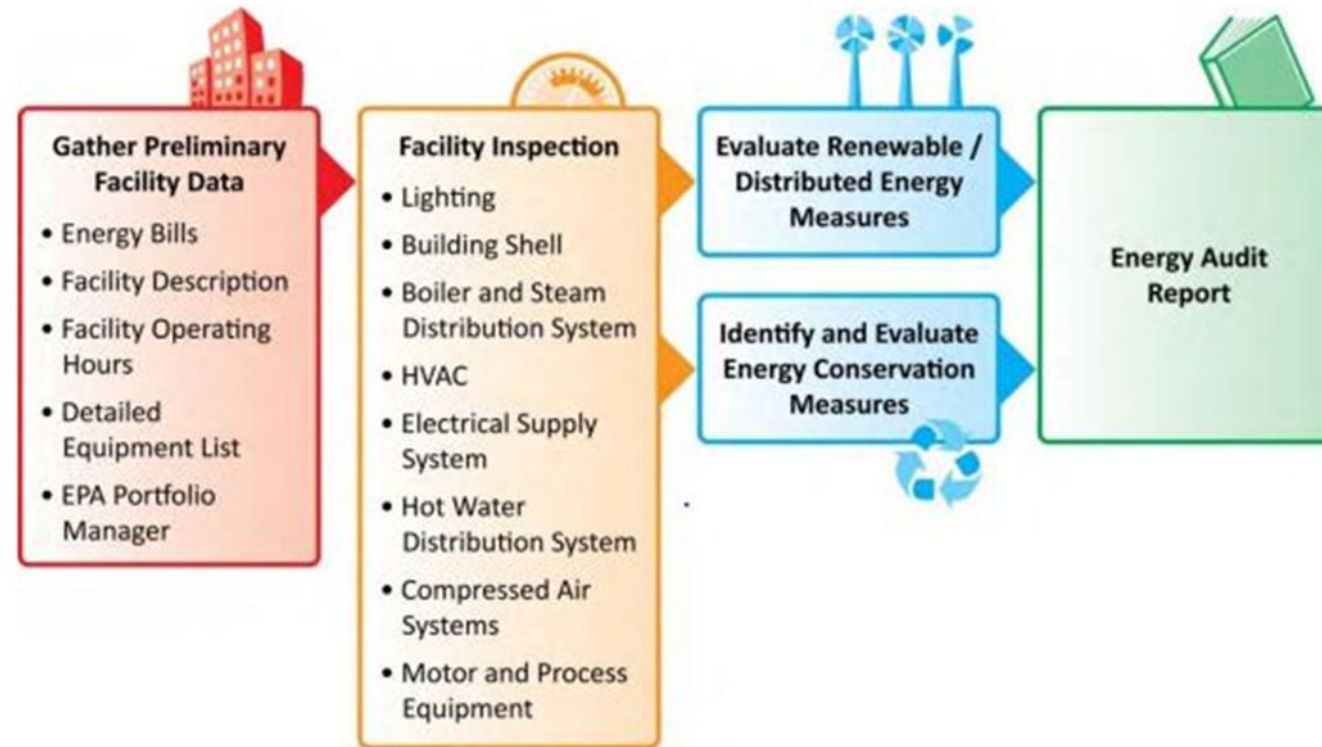
* May be eligible for a waiver

** Subject to BPU Approval

Local Government Energy Audit

NJCleanEnergy.com/LGEA

EXISTING BUILDINGS



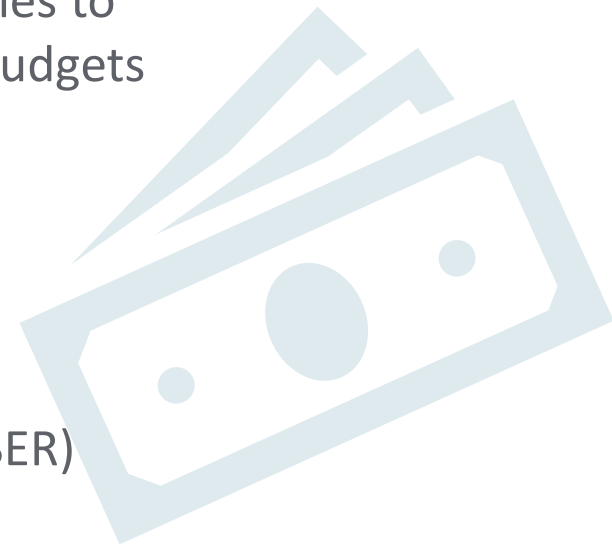


Financing for Government Agencies

Financing Mechanism: ESIP

ENERGY SAVINGS IMPROVEMENT PROGRAM (ESIP)

- Energy Performance Contracting = NJ ESIP
- A creative tool and financing mechanism that allows public entities to make energy efficiency improvements without impacting their budgets
- Administered by the NJBPU
- Project is paid for with the value of its own energy savings
- 15 or 20 year pay back; self funding
- NJBPU Approved Incentive Programs
 - Utility or NJCEP
- Can be combined with Federal/State Pandemic Relief Funds (ESSER)
- No upfront capital expenses
- No referendum or impact to tax payers



The ESIP Process



Preliminary Energy Audit

Free LGEA
or
other ASHRAE Level II Audit

Select Path

ESCO, Hybrid or DIY Model,
Public Contract Law
Compliance

Investment Grade Energy Audit

Prioritize Needs,
Select Project's ECM's

Energy Savings Plan Developed

Must be Cash Flow Positive,
Savings Guarantee
Third Party Review

Submitted for **BPU**
Approval

Energy Savings Improvement Program

FOR MORE INFORMATION

Michelle Rossi

ESIP Coordinator

ESIP@bpu.nj.gov

o: 609.913.6295

c: 609.915.0903

Large Energy Users Program



Large Energy Users

NJCleanEnergy.com/LEUP

EXISTING BUILDINGS

WHO

Large C&I entities with one or more locations in NJ

QUALIFICATION

- Entity must have paid a minimum of \$5,000,000 in utility bills across all investor-owned electric or gas accounts during the previous fiscal year
- The average peak demand of each facility where work is taking place must be $\geq 400\text{kW}$ and/or 4,000 DTh

ABOUT

Encourages large C&I utility customers to self-invest in energy efficiency

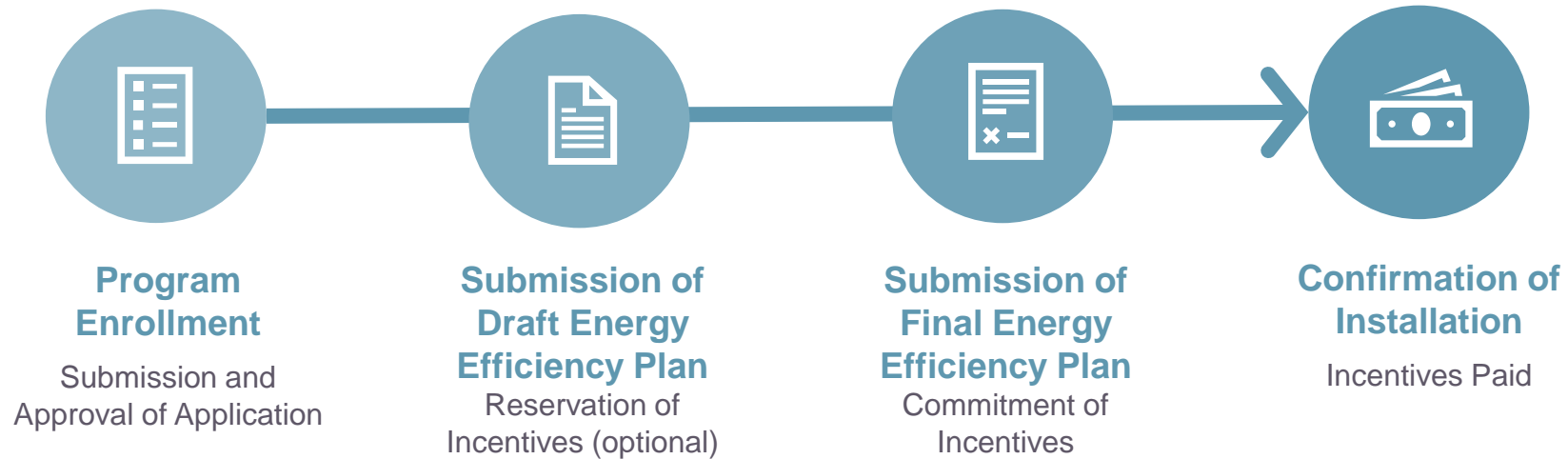
INCENTIVE CAP

- Maximum incentive per project is capped by the lesser of the following metrics:
 - 75% of total project cost, or
 - Savings rates:
 - \$0.33/kWh and \$3.75/therm for non-lighting measures
 - \$0.16/kWh for lighting and lighting control measures
- Incentive commitments in a single fiscal year will not exceed \$4,000,000 per entity

Large Energy Users

NJCleanEnergy.com/LEUP

EXISTING BUILDINGS



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.)
- Heating/cooling equipment maintenance

For assistance in
paying utility bills:

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

NJCEP Suite of Programs

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Energy Efficiency - New Construction

- New Construction (Residential, Multifamily, Commercial & Industrial)



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Renewable Energy

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Specialized Programs

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- Workforce Development

Commercial & Industrial New Construction


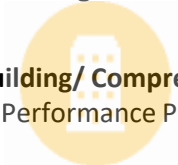




New Construction

NJCleanEnergy.com

Any size C&I **new construction** or **gut rehab** project may be eligible for energy efficiency incentives.

New construction/gut-rehab projects must exceed **ASHRAE 90.1-2019**.*

Savings Potential	Program	Description
	 Whole Building/ Comprehensive: Pay for Performance Program	Designed for buildings with 50,000 square feet for more of planned conditioned space.
	 Single Measure: SmartStart Buildings Program	Prescriptive and Custom incentives.

New Construction

NJCleanEnergy.com

C&I
NEW CONSTRUCTION

Any size C&I **new construction** or **gut rehab** project may be eligible for energy efficiency incentives.

New construction/gut-rehab projects must exceed **ASHRAE 90.1-2019**.*



Substantial Renovation (Gut Rehab)

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C&I
NEW CONSTRUCTION

NJCEP programs for new construction* include substantial renovation and gut rehabilitation:

- Change of use and reconstruction of an existing building
- Construction work of a nature requiring that the building or portion of the building within be out of service for at least 30 days
- Reconstruction of a vacant structure or a portion of the building within



* A licensed professional architect or engineer must have prepared or certified the building plans

SmartStart Buildings (SSB)

NJCleanEnergy.com

SINGLE MEASURE:
NEW CONSTRUCTION

WHO

New Construction C&I Projects: commercial, industrial, agricultural, government, non-profit institutional, and multifamily customers

SIZE TO QUALIFY

N/A

ABOUT

- Individual high efficiency equipment rebates for new construction, and gut rehab projects
- Prescriptive and custom designed measures

INCENTIVE CAP

- C&I New Construction - \$500,000 per electric account and \$500,000 per natural gas account, per fiscal year
- Custom, lesser of the following:
 - \$0.16/kWh and/or \$1.60/therm saved annually;
 - 50% of incremental installed cost; and
 - Buy-down to 1 year payback based on incremental cost and savings



SmartStart Buildings (SSB)

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SINGLE MEASURE:
NEW CONSTRUCTION



PRESCRIPTIVE INCENTIVES

- Electric Chillers
- Gas Cooling
- Electric Unitary HVAC
- Ground Source Heat Pumps
- Gas Heating
- Variable Frequency Drives
- Gas Water Heating
- Lighting/Lighting Controls
- Refrigeration Doors
- Refrigeration Controls
- Food Service Equipment
- Refrigerator/Freezer Motors



CUSTOM INCENTIVES

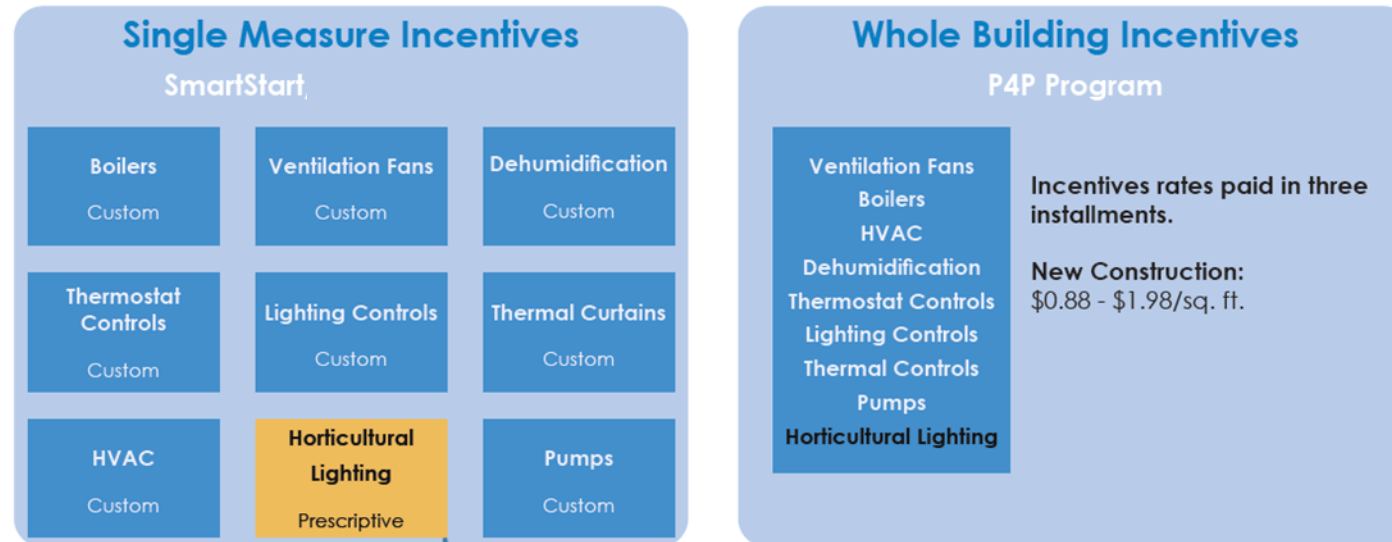
- New or innovative technologies proven to be cost-effective and not listed as prescriptive
- Project pre and post inspection required

Indoor Horticulture

NJCleanEnergy.com



- **SmartStart Prescriptive incentives** are now available to indoor horticultural lighting for new construction
- **SmartStart Custom incentives** continue to include new or innovative technologies proven to be cost-effective and not listed as prescriptive
- The whole building **Pay for Performance** Program is also available



Prescriptive Horticultural Lighting Rebates

Custom Incentives:
 Lesser of \$0.16/kWh, \$1.60/therm savings, 50% project cost, buy-down to 1.0 year payback

Facility Type and Runtime Hours:	LED Fixture <500 Watts	LED Fixture ≥500 Watts
DLC- listed LED for use in indoor grow facilities (>3,000 hours/year)	\$150/fixture	\$250/fixture
DLC-listed LED for use as supplemental lighting in indoor grow facilities that primarily use natural sunlight (<3,000 hours/year)	\$50/fixture	\$200/fixture

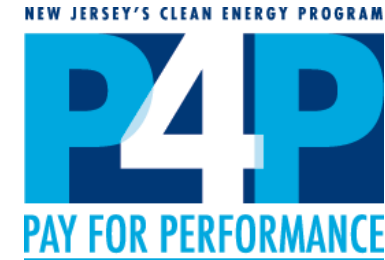
Pay for Performance (P4P)

NJCleanEnergy.com

MID-LARGE:
NEW CONSTRUCTION

WHO

New construction projects seeking one or more energy efficiency measures for each building end use with a minimum 5% savings compared to ASHRAE 90.1-2019 (15% savings for Multifamily).



SIZE TO QUALIFY

Over 50,000 square feet of planned new construction or gut rehab

ABOUT

A pre-approved Participating Partner will streamline the program and guide users through the program phases

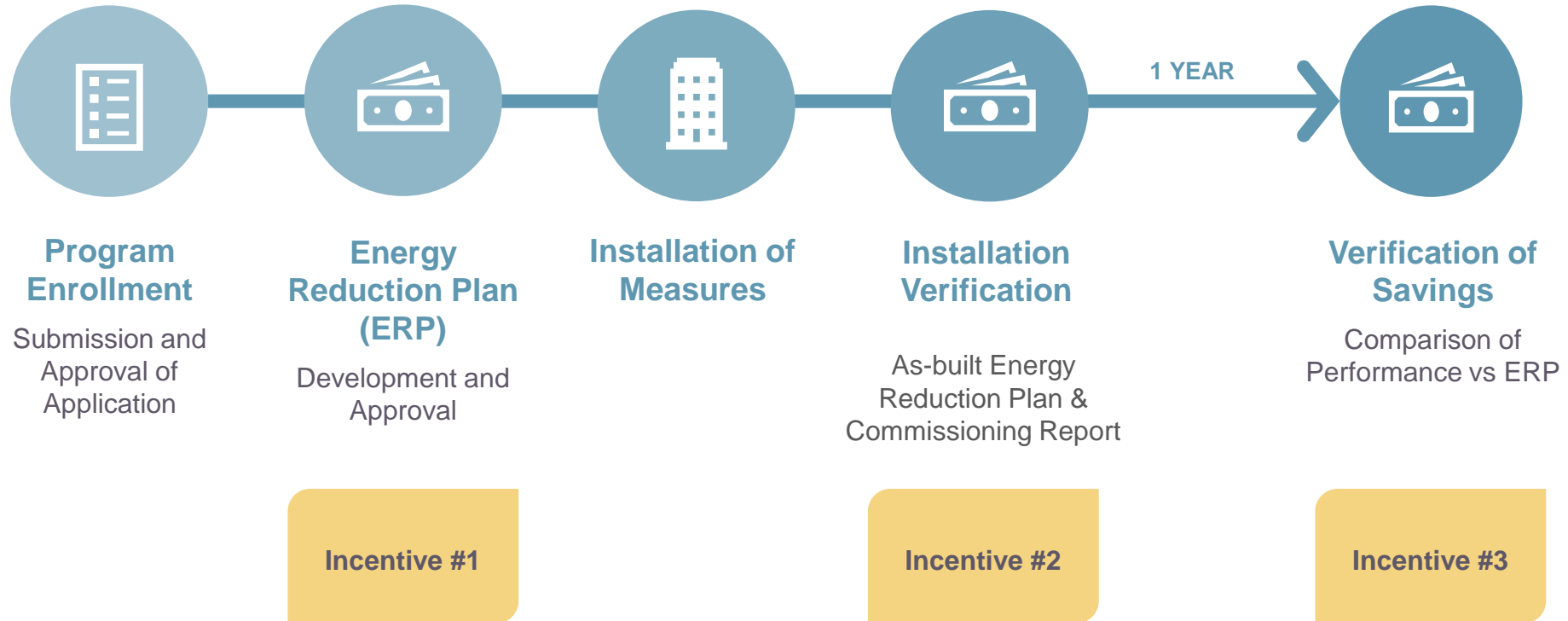
INCENTIVE CAP

\$2M per project

Pay for Performance (P4P)

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MID-LARGE:
NEW CONSTRUCTION





Residential New Construction

Residential New Construction Overview

NJCleanEnergy.com/RNC

RESIDENTIAL NEW
CONSTRUCTION



New Construction or reconstruction (and gut rehab)



Demand for power is less



Operates more efficiently



15%-50% more Energy Efficiency and can save \$200-\$400 yearly

Unique Opportunity

NJCleanEnergy.com/RNC

RESIDENTIAL NEW
CONSTRUCTION

NEW HOMES represent a unique opportunity to meet multiple goals all at the same time. New homes can be:

- **Affordable**
- **Comfortable**
- **Energy Efficient**
- **Durable and**
- **Healthy**

Executive Order 316 Goal:
400,000 electrified dwelling units
by 2030



Benefits of an Energy-Efficient Home

NJCleanEnergy.com/RNC

RESIDENTIAL NEW
CONSTRUCTION

- Homes are designed and built to standards well above other homes on the market today
- Builders work with Rating Companies credentialed through the Residential Energy Services Network (RESNET) to build or reconstruct homes to energy efficient standards
- Builders receive incentives for participating in the EPA ENERGY STAR® and DOE Zero Energy Ready Home programs.



Features of an Energy Efficient Home

NJCleanEnergy.com/RNC

RESIDENTIAL NEW
CONSTRUCTION

- A complete thermal enclosure system, includes:
 - Comprehensive air sealing
 - Quality-installed insulation
 - High-performance Windows
- High Efficiency HVAC Systems
- Energy-efficient Lighting and Appliances
- For more information:
www.NJCleanEnergy.com/RNC



Levels of Participation

NJCleanEnergy.com/RNC

RESIDENTIAL NEW
CONSTRUCTION



- Residential New Construction Program
 - Single Family New Homes
 - Multifamily New Construction



- Zero Energy Ready Home

New and gut rehab residential construction, including:

- Custom and production homes
- Single-family
- Townhouses
- Multi-family low-rise buildings
- Multi-family high rise buildings



Type of Building	Definition
Single Family	<ul style="list-style-type: none">• Detached units
Multi-single	<ul style="list-style-type: none">• 2+ units with separate external entrances (townhomes and some apartments)
Multifamily (MF)	<ul style="list-style-type: none">• 3+ units up to 5 floors above grade/garage w/common external entrance(s), individual HVAC and DHW; includes most apartment buildings• 4+ Stories with common HVAC and/or DHW

What is an ENERGY STAR® Home?

NJCleanEnergy.com/RNC

RESIDENTIAL NEW
CONSTRUCTION

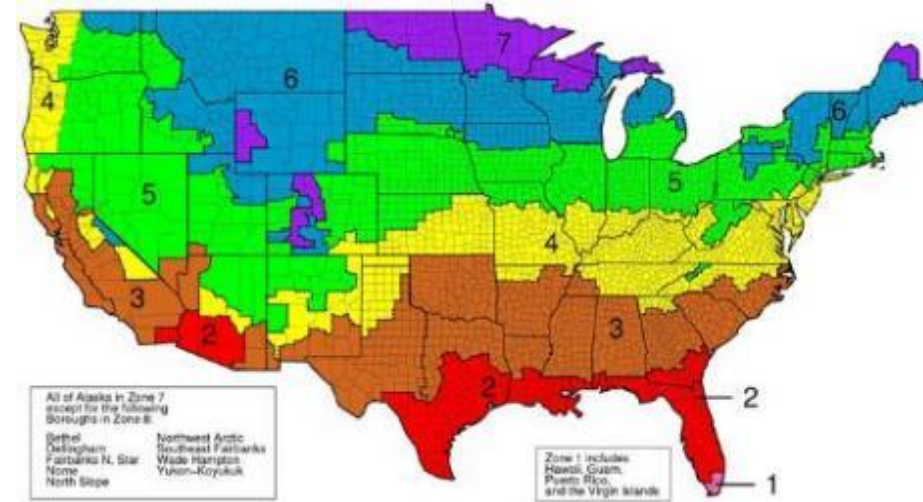
- Homes have been designed and built to standards well above other homes on the market today
- Better quality, comfort and durability
- Increased home value now and in the future
- The home has undergone a better process of inspections, testing and verification to ensure that it meets strict requirements set by the EPA

Key Characteristics: Enclosure

NJCleanEnergy.com/RNC

RESIDENTIAL NEW CONSTRUCTION

- High-performance thermal enclosure, includes:
 - Comprehensive air sealing- blower door tested
 - Quality-installed insulation- inspected/verified
 - Reduced thermal bridging
 - High-performance windows



Zone	Add Insulation to Attic		Floor
	Uninsulated Attic	Existing 3–4 Inches of Insulation	
1	R30 to R49	R25 to R30	R13
2	R30 to R60	R25 to R38	R13 to R19
3	R30 to R60	R25 to R38	R19 to R25
4	R38 to R60	R38	R25 to R30
5 to 8	R49 to R60	R38 to R49	R25 to R30

Wall Insulation - Whenever exterior siding is removed on an:

Uninsulated wood-frame wall:

- Drill holes in the sheathing and blow insulation into the empty wall cavity before installing the new siding, and
- Zones 3–4: Add R5 insulative wall sheathing beneath the new siding
- Zones 5–8: Add R5 to R6 insulative wall sheathing beneath the new siding.

OR

Insulated wood-frame wall:

Key Characteristics: HVAC & DHW

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RESIDENTIAL NEW
CONSTRUCTION

- High efficiency proper- sized HVAC systems
 - Commissioned installations
- Duct quality installation- duct leakage tested
- High efficiency DHW



Courtesy of Rheem

Levels of Participation

NJCleanEnergy.com/RNC

RESIDENTIAL NEW
CONSTRUCTION



- Residential New Construction Program
 - Single Family New Homes
 - Multifamily New Construction



- Zero Energy Ready Home

What is a Zero Energy Home

NJCleanEnergy.com/RNC



RESIDENTIAL NEW
CONSTRUCTION

- Symbol of excellence for energy savings, comfort, health, quality and durability.
- High-performance home, so energy efficient, all or most annual energy consumption can be offset by renewable energy.
- It is the home of the future.



New Construction

Multifamily



Multifamily New Construction

Eligibility:

Any sized multifamily new construction property pursuing the ENERGY STAR designation

Whole building large multifamily



Eligibility:

50,000 sf of planned, conditioned space.
Must achieve a minimum of 15% energy savings compared to ASHRAE 90.1-2019.

Incentive Cap

Up to \$2M per project

Individual rebates multifamily



Eligibility:

No size to qualify.
Common spaces billed commercially are eligible.

Incentive Cap

\$500,000 per electric account and \$500,000 per natural gas account, per fiscal year.

Other

Free building audit
Local Gov't Energy Audit

Resiliency
Combined Heat & Power

Low-income bill assistance
Utility Assistance

What to do first?

NJCleanEnergy.com/RNC

RESIDENTIAL NEW
CONSTRUCTION

- Contact at least three NJ Raters
- Obtain a menu of their fees for rating plans, training the subs, inspections, air infiltration test aka blower door, duct blaster test, optional items, etc.
- Choose a rater to work with
- Submit a set of plans to the rater, have them evaluated & they will discuss options

www.NJCleanEnergy.com/RATERS

Rating Companies

The following organizations have been qualified by the Residential New Construction Program to provide Open Rater Market Services

NJ Energy Raters

NJCleanEnergy.com/RNC

RESIDENTIAL NEW
CONSTRUCTION

Bright Power, Inc.

Carmel Pratt
11 Hanover Square, 21st Floor
New York, NY 10005
646-979-4715
cpratt@brightpower.com

Integral Building & Design, Inc.

Tony Lisanti
15 N. Mill Street, Suite 225
Nyack, NY 10960
845-535-3035
tony@integralbuilding.com

PEG

Josh Spence
3975 Fair Ridge Drive, Suite T15S
Fairfax, Virginia 22033
703-934-2777
joshsp@pegenv.com

EAM Associates

Rick Marx
3350 Highway 138 West
Building 2, Suite 223
Wall, NJ 07719
732-556-9190
rm Marx@eamenergy.com

Integral Building & Design, Inc.

Pasquale Strocchia
231 Main Street, Suite 103
PO Box 96
New Paltz, NY 12561-0096
845-255-0418
pasquale@integralbuilding.com

ReVireo

Ben Cohen
200 South Avenue East, Suite 303
Cranford, NJ 07016
888-568-5459
ben@revireo.com

Home Energy Solutions, Inc.

Glenn LaMay
187 East Main Street
Huntington, NY 11743
631-673-0664
gdlamay3@gmail.com

Kitchen and Associates

756 Haddon Avenue
Collingswood NJ 08108
856-854-1880 Office
ataylor@kitchenandassociates.com

Steven Winter Associates, Inc.

Steve Klocke
307 7th Avenue, Suite 1701
New York, NY 10001
203-857-0200, X221
sklocke@swinter.com

Innova Services Corporation

Adam Blackburn
1548 South 16th Street
Philadelphia, PA 19146
215-336-0440
ablackburn@innovaservices.com

MaGrann Associates

Mike Brown
701 East Gate Drive
Mount Laurel, NJ 08054
609-744-3080
mikebrown@magrann.com

The Levy Partnership, Inc.

1776 Broadway, Suite 1250
New York, NY 10019
Phone: 212-496-0800, X130 Fax: 212-496-5389
jdentz@levypartnership.com





New Construction Program Updates

Energy Efficiency Programs

Workforce Development in the New Construction Program



Workforce Development

Invest in yourself as an energy professional



ABOUT THIS REIMBURSEMENT

Offers reimbursement to those who complete courses leading to certifications that support the New Construction Program

WHO IS ELIGIBLE

Applicants must show proof of:

1. Residence in the State of New Jersey; **OR**
2. Principal place of work is in New Jersey; **OR**
3. A nexus to New Jersey and proof can be provided*

REIMBURSEMENT

Upon successful certification, up to \$2,000 will be reimbursed per person per course with a maximum reimbursement of \$4,000 per fiscal year from July 1 through June 30

* See the User Guide and application for details



Application Steps



How to apply for reimbursement:

1. Go to the application portal at www.NJCleanEnergy.com/NCP

Follow the steps to create a user profile and application, upload documentation, and track your status through the portal

2. Receive pre-approval

Your application will be reviewed for eligibility. If pre-approved, you will receive a letter **prior** to taking the course to be eligible for reimbursement *

3. Take the training course

Take your pre-approved training/certification course and any applicable exam(s)

4. Submit proof of completion

Submit proof of payment and course completion to the application portal

5. Receive final approval and reimbursement

After documentation review, your reimbursement will be issued

* To be eligible for reimbursement, the applicant must gain approval from the New Construction Program before taking the training course and certificate exam; see the User Guide for details

Training Courses & Certifications



AEE's Certified Building Commissioning Professional (CBCP)
AEE Energy Efficiency Practitioner (EEP)



LEED Green Associate
LEED AP (BD+C and ID+C only)



ASHRAE Building Energy Modeling Professional (BEMP)



PHI Certified Passive House Designer
PHI Certified Passive House Tradesperson



RESNET HERS Rating Field Inspector (RFI)
RESNET HERS Rater
RESNET HERS Modeler



IGSHPA Accredited Installer (pending approval)
IGSHPA Certified GeoExchange Designer (pending approval)



ENERGY STAR® New Homes or MFNC Rater Certification



PHIUS Certified Consultant (CPHC)
PHIUS Certified Rater
PHIUS Certified Verifier
PHIUS Certified Builder (CPHB)



What is the New Construction Program?

COMING
SOON

This NEW program being proposed for NJCEP includes:



A **single program with customized pathways** to serve all residential and non-residential projects of all sizes



An **easier application process** for energy incentives



Pre-approved partner network to guide customers through the program



Increased equity and project participation providing equitable access through enhanced incentives and outreach



Improved customer experience and assistance including co-op marketing

What is the New Construction Program?

COMING
SOON

ABOUT THE PROGRAM

Three pathways to fit your needs to achieve greater energy savings

INCENTIVES

Based on selected pathways and size

WHO IS ELIGIBLE

All new construction buildings or eligible major renovation projects

ADDITIONAL OPPORTUNITIES

Incentives for energy efficiency beyond code requirements, encouraging greater energy savings

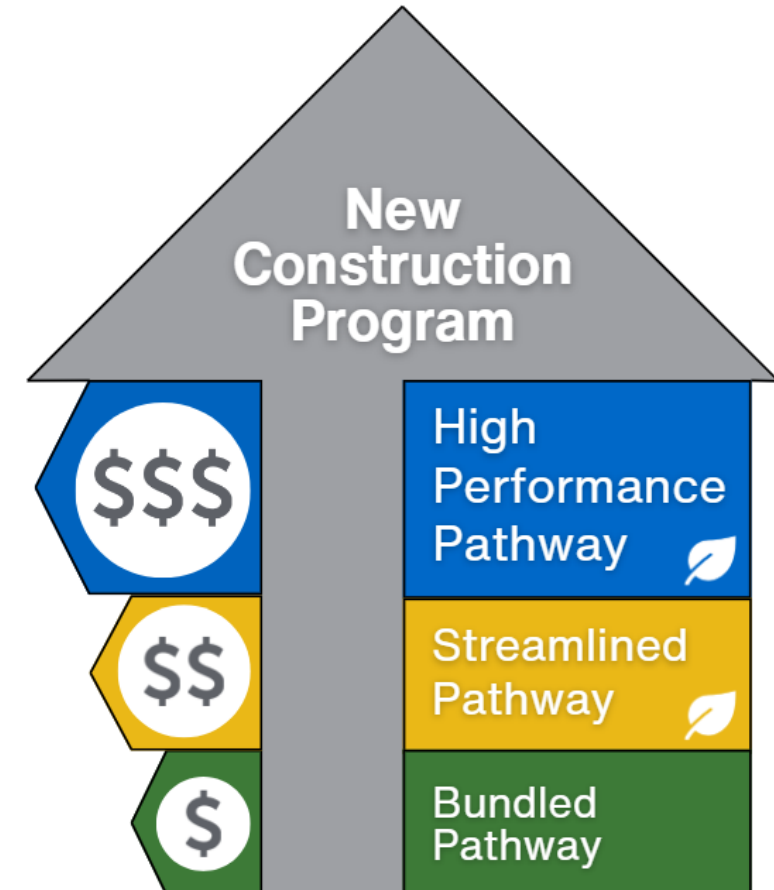


Which pathway is the best fit for your project?

COMING
SOON

Choose from **three pathways** for your next project:

- 1 **High Performance**
- 2 **Streamlined**
- 3 **Bundled**



High Performance Pathway

COMING SOON

ABOUT THIS PATHWAY

Whole building approach to energy savings. Projects must follow approved national certifications, or develop a whole building model demonstrating minimum program requirements are being met

WHO IS ELIGIBLE

Residential and non-residential projects

INCENTIVES

Incentives are awarded in tiers by proxy certification or per the ASHRAE model

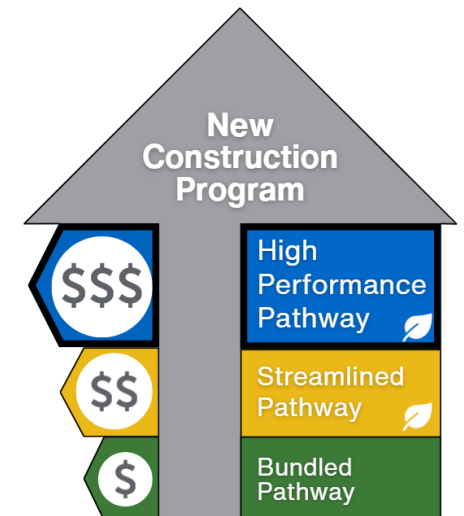
Tier 1:
\$1.00/sq ft

Tier 2:
\$1.75/sq ft

Tier 3:
\$2.50/sq ft



Greenhouse gas (GHG) reduction bonus available for increased savings and incentives



Streamlined Pathway

COMING
SOON

ABOUT THIS PATHWAY

Buildings are modeled in specialized software with minimal inputs. Ideal for smaller buildings

WHO IS ELIGIBLE

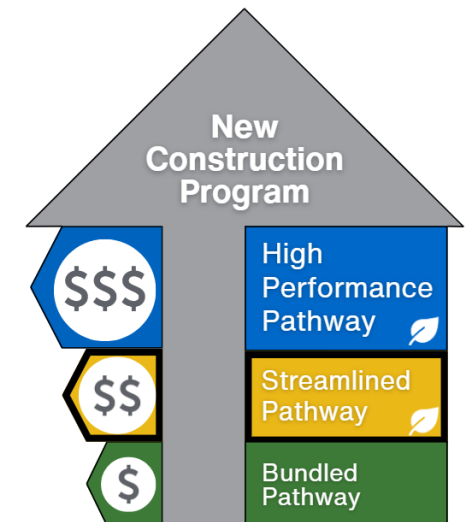
Select non-residential building types

INCENTIVES

Incentives are awarded to projects that meet modeling savings and measure requirements at **\$0.50 per square foot**



Greenhouse gas (GHG) reduction bonus available for increased savings and incentives



Bundled Pathway

COMING
SOON

ABOUT THIS PATHWAY

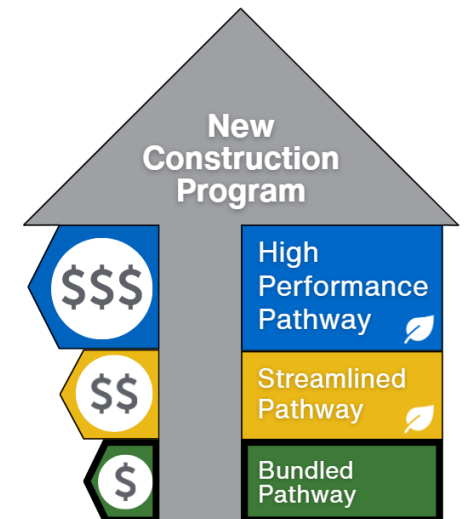
Above-code measure upgrades are selected to meet the minimum point requirement

WHO IS ELIGIBLE

Non-residential buildings

INCENTIVES

Incentives are awarded to projects achieving the required minimum points at **\$0.25 per square foot**



New Construction Program Incentives

COMING SOON

	High Performance Pathway	Streamlined Pathway	Bundled Pathway
Residential	✓ ¹	N/A	N/A
Non-residential	✓ ²	✓	✓
Base incentive rate (\$ per square foot)	\$1.00 - \$2.50	\$0.50	\$0.25
GHG reduction bonus  <ul style="list-style-type: none"> • 0.7 - 0.99 tons CO₂e/kSF at \$0.25 • 1.0 - 1.99 tons CO₂e/kSF at \$0.50 • 2.0 - 2.99 tons CO₂e/kSF at \$1.00 • 3.0+ tons CO₂e/kSF at \$1.50 	✓	✓	N/A
Enhanced incentives rates (\$ per square foot)	\$0.25 - \$1.25 ³	\$0.15 - \$0.75 ⁴	N/A

1. Includes single-family, townhome, or multifamily. Excludes non-proxy (ASHRAE modeling approach) and LEED V4.1
2. Excludes ENERGY STAR[®] and DOE Zero Energy Ready Home (ZERH)
3. Includes residential Affordable Housing, non-residential UEZs/OZs, and Industrial/High Energy Intensity
4. Includes non-residential UEZs/OZs and Industrial/High Energy Intensity

Greenhouse Gas Reduction Bonus

COMING SOON

ABOUT THIS BONUS

Calculated CO2 equivalent reduction based on project's energy savings

WHO IS ELIGIBLE

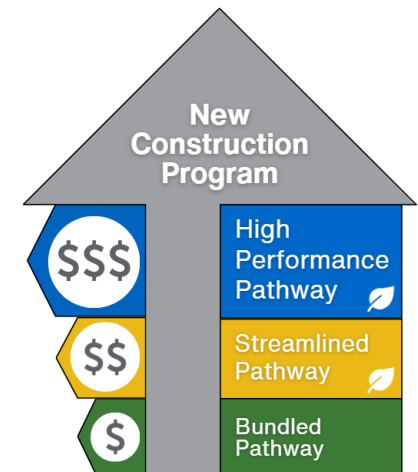
Residential and non-residential projects participating in High-Performance or Streamlined Pathways

INCENTIVES

GHG reduction bonus 

- 0.7 - 0.99 tons CO₂e/kSF at \$0.25
- 1.0 - 1.99 tons CO₂e/kSF at \$0.50
- 2.0 - 2.99 tons CO₂e/kSF at \$1.00
- 3.0+ tons CO₂e/kSF at \$1.50

High Performance Pathway	Streamlined Pathway	Bundled Pathway
		



Enhanced Incentives

COMING SOON

ABOUT THESE INCENTIVES

Higher incentives available to residential Affordable Housing and non-residential developments in designated areas of the state of New Jersey, as well as all eligible industrial/high energy intensity facilities

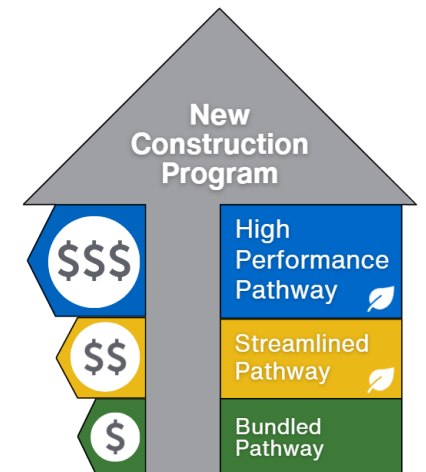
WHO IS ELIGIBLE

Residential and non-residential projects participating in High-Performance or Streamlined Pathways

INCENTIVES

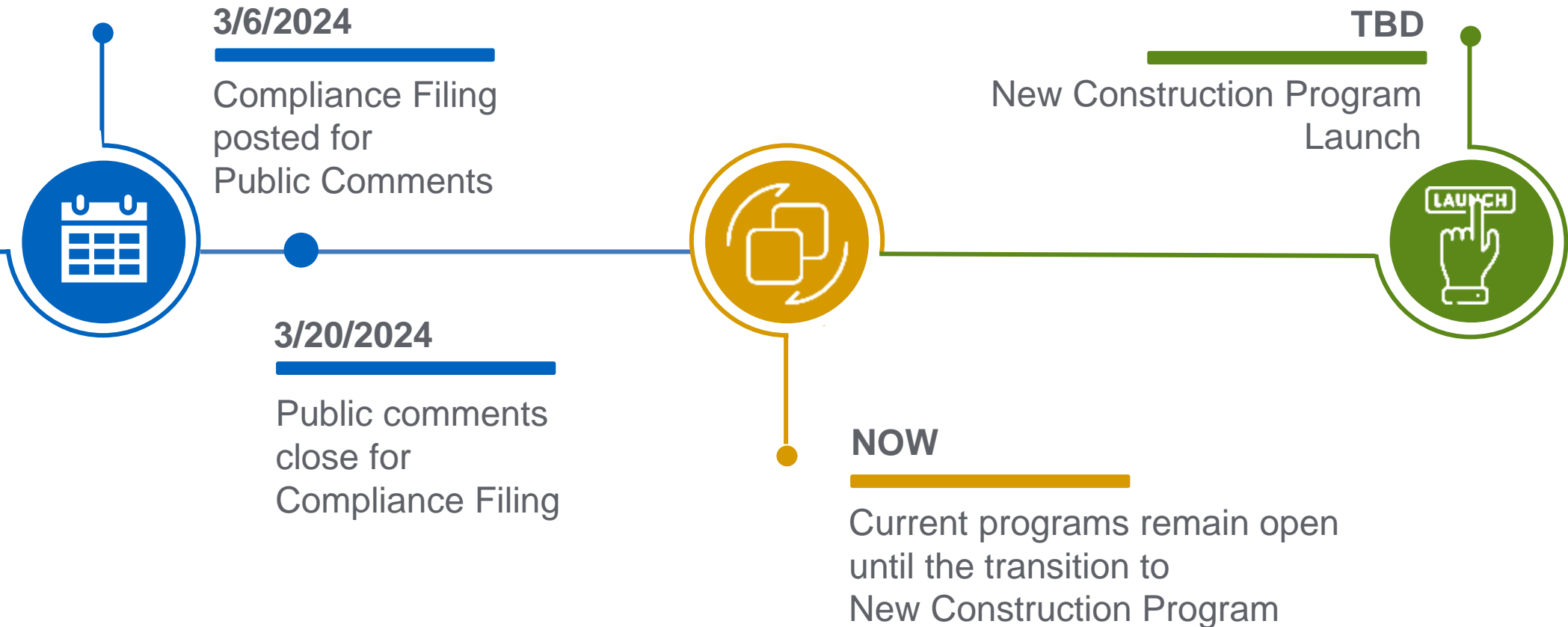
	High Performance Pathway	Streamlined Pathway	Bundled Pathway
Enhanced incentives rates (\$ per square foot)	\$0.25 - \$1.25 ¹	\$0.15 - \$0.75 ²	N/A

- 1. Includes residential Affordable Housing, non-residential UEZs/OZs, and Industrial/High Energy Intensity
- 2. Includes non-residential UEZs/OZs and Industrial/High Energy Intensity



New Construction Program Timeline

COMING
SOON



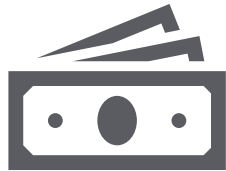
Watch for BPU [Energy Efficiency Listserv](#) updates, attend [Energy Efficiency Stakeholder Meetings](#), or attend an upcoming program overview or [trade ally webinar](#) event for details.

Tax Clearance Certificate

Required for all NJCEP applications



Tax Clearance Certificate (TCC)



The customer applies for a TCC directly after the NJCEP project approval to verify that all tax obligations in New Jersey have been fulfilled to date

- Submitted to NJCEP with verification of installation completion
- Expires after 180 days
- If TCC expires, an updated TCC can be printed from the portal

COST

Free

APPLICATION

Issued by New Jersey's Department of Taxation, apply through their [Premier Business Services](#)



Tax Clearance Certificate

What is needed for a TCC?

Several field questions will need to be answered.

Field Questions	Field Answers
Name of Issuer Agency	New Jersey Board of Public Utilities
Name of Assistance Program	New Jersey's Clean Energy Program
Agency Contact Person	Commercial and Industrial Program Manager
Agency Contact Address	317 George Street, Suite 520 New Brunswick, NJ 08901
Agency Contact Phone	866-657-6278
Application Number	As assigned by the program
Customer Name	Same as on NJCEP application
Customer Tax ID#	Same as on NJCEP application

NJCEP Suite of Programs

Energy Efficiency - Existing Buildings

- FREE Local Government Energy Audits
- C&I Large Energy Users
- FREE Income Eligible Residential Upgrades

Energy Efficiency - New Construction

- New Construction (Residential, Multifamily, Commercial & Industrial)



Coming soon!

New Construction Program (single point of entry)

Distributed Energy Resources

- **New: Combined Heat & Power Feasibility Study**
- Combined Heat & Power
- Fuel Cells

Electric Vehicles

- Light-Duty Residential EVs
- At-Home Charging
- Multi Unit Dwelling Chargers
- Municipal Fleets

Renewable Energy

- SUSi Solar Incentives
- Community Solar
- Offshore Wind

Specialized Programs

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



Combined Heat and Power/Fuel Cell

Combined Heat & Power - Fuel Cells Program

DISTRIBUTED
ENERGY

NJCleanEnergy.com/CHP

WHO

Existing and new construction commercial, industrial, and large multifamily properties with a commercial account

Best suited for facilities that have year-round coincident power and thermal loads

SIZE TO QUALIFY

N/A - Projects must run 5,000 full load equivalent hours per year (3,500 for critical facilities)

ABOUT

Combined Heat and Power (CHP) systems allow for efficient on-site power generation with heat recovery, resulting in:



Reduced demand on the power grid

Lower energy bills

Less greenhouse gas emissions

Systems can also be designed to operate as backup power in emergencies

What is Combined Heat & Power?

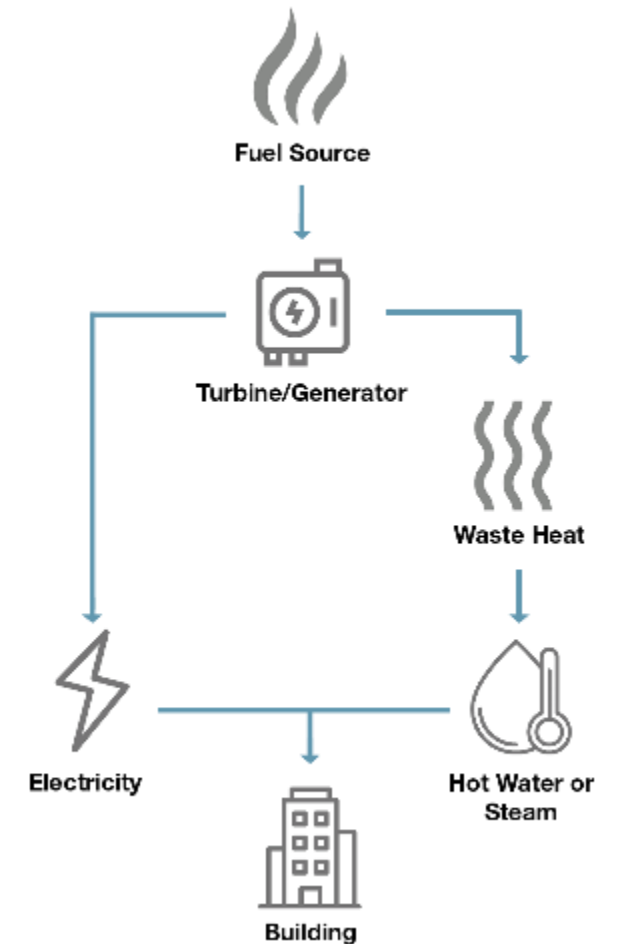
NJCleanEnergy.com/CHP

DISTRIBUTED
ENERGY



Combined Heat and Power (CHP) is the production of electricity and useful thermal energy from a single fuel source

Fuel Cells (FC) produce electricity through an electrochemical reaction from a fuel source



Combined Heat & Power - Fuel Cells Incentives

NJCleanEnergy.com/CHP

DISTRIBUTED ENERGY

Eligible Technology	Size (installed rated capacity)	Incentive (\$/Watt)	% of Total Cost Cap Per Project	\$ Cap Per Project
CHP powered by non-renewable or renewable fuel source, or a combination Fuel Cell with Heat Recovery	≤500kW	\$2.00	30-40%	\$2 million
	>500kW-1MW	\$1.00		
	>1MW-3MW	\$0.55	30%	
	>3MW	\$0.35		
Fuel Cell without Heat Recovery	Same as above	Applicable amount above	30%	\$1 million
	Waste Heat to Power	≤1MW	\$1.00	30%
>1MW		\$0.50	30%	\$3 million

Bonus Incentives:

- 25% bonus for critical facilities with black-start/islanding capabilities
- Up to 30% incentive bonus for CHP using biofuel

Combined Heat & Power Feasibility Study Program

NJCleanEnergy.com/CHPFeasibility

DISTRIBUTED
ENERGY

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**



How do I Participate?

NJCleanEnergy.com/CHPFeasibility

DISTRIBUTED
ENERGY



More Information

VISIT

NJCleanEnergy.com

CONTACT

(866) 657-6278

Outreach@NJCleanEnergy.com

BECOME A TRADE ALLY

NJCleanEnergy.com/SIGNUP

NJCEP NEWSLETTER

NJCleanEnergy.com/NEWSLETTER

ENERGY EFFICIENCY LISTSERV

NJCleanEnergy.com/LISTSERVS

Coming Soon!

EE Stakeholder Meetings
Program Changes
Regulatory Changes



@NJCleanEnergy

THANK YOU

