New Jersey's cleanenergy program™

Clean Energy Program

Clean Energy and Efficiency Opportunities for Residential, Commercial, Industrial, Multi-family and Institutional Buildings

New Jersey's Board of Public Utilities (NJBPU)

Who is the NJBPU?

The NJBPU is the state agency with the authority to oversee the regulated utilities, which provide critical services such as natural gas, electricity, water, telecommunications, and cable television.

The NJBPU ensures safe and adequate utility services are provided at reasonable, non-discriminatory rates by developing and regulating a competitive, economically cost-effective energy policy that promotes responsible growth and clean renewable energy sources while maintaining a high quality of life in New Jersey.

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New Jersey's Clean Energy Program

Currently administered by:

New Jersey Board of Public Utilities' Division of Clean Energy

Currently funded by:

Societal Benefits Charge (SBC) on your utility bill

Program goals:

- ✓ Educate the community
- ✓ Change behaviors
- ✓ Provide opportunities for all New Jersey residents and business owners to save energy and lower operating costs
- ✓ Protect the environment and reduce emissions
- ✓ Meet Governor Murphy's goal of 100% clean energy by 2035

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New Jersey's Energy Master Plan

January 20, 2023

Governor Murphy announced that the State of New Jersey would:

- Begin planning for the development of a **NEW Energy Master Plan** (EMP)
- Include updates and expansions to expand on the pathway to achieving a 100% clean energy economy by 2035 as set forth in the 2019 EMP

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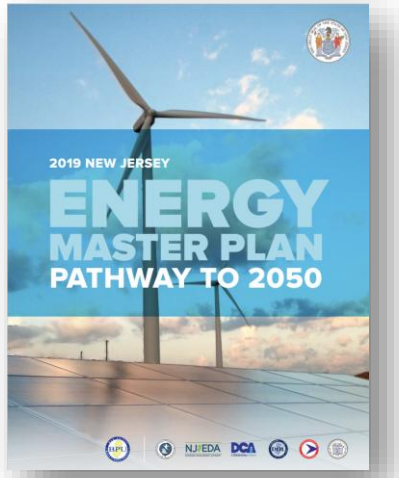
Recent New Jersey State Policy

2018 CLEAN ENERGY ACT

Must achieve at least **0.75% annual energy reductions**, based on the past three years, achieved in the next 5 years

Electric must achieve at least **2% average annual energy reductions**, based on the past three years, achieved in the next 5 years

2019 ENERGY MASTER PLAN



www.nj.gov/emp

THE GOAL

100% clean energy by 2035

35% renewable energy by 2025 and 50% by 2050

COMING SOON

New Energy Master Plan

New Jersey's cleanenergy program™

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Reaching Our Clean Energy Goals

- **Strategies:**

1. Reduce energy consumption and emissions from the **transportation sector**
2. Accelerate deployment of **renewable energy** and **distributed energy resources**
3. Maximize **energy efficiency** and **conservation** and **reduce peak demand**
4. Reduce energy consumption and emissions from the **building sector**
5. Decarbonize and modernize New Jersey's **energy systems**
6. Support **community energy planning** and action with an emphasis on encouraging participation by **low-and-moderate-income** and **environmental justice communities**
7. Expand the **clean energy innovation economy**

Energy Efficiency Specific

Energy Efficiency Defined

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What is Energy Efficiency?

Energy efficiency is using technology that requires less energy to perform the same function*

- Customer education
- Energy conservation
- **Energy efficiency**
- Distributed energy resources
- Renewable energy

The cheapest energy is the energy you don't use, it's as easy as the examples below:

Choose a qualified LED bulb

Choose a qualified smart thermostat

* U.S. Energy Information Administration, https://www.eia.gov/energyexplained/use-of-energy/efficiency-and-conservation.php

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Energy Efficiency Benefits

Why should you care about energy efficiency?

Energy efficiency helps reduce greenhouse gas emissions and mitigate climate impacts, which **improves health conditions**

Energy efficiency projects **lower energy costs**, especially for low- to moderate-income participants overburdened by energy bills

Energy efficiency projects are labor-intensive, therefore these projects **strengthen and creates jobs**

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Energy Efficiency Benefits

Why should you care about energy efficiency?

Energy efficiency projects reduce energy use can **reduce energy bills** for customers and allow them to reinject the funds into the economy

Energy efficiency projects are designed to increase long-term **comfort and safety**

Energy efficiency projects are one of the **easiest and cheapest resources** against the global climate crisis

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Energy Efficiency Incentives

How can you receive money for being energy efficient?

Choose energy-efficient equipment

Apply incentives to offset the cost of purchasing the equipment

Use the equipment

Enjoy a lower utility bill, healthier clean air, and better climate

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Equity in Action

New Jersey's cleanenergy program™

The Office of Clean Energy Equity

What is the purpose and goals of this office?

- Ensure equitable access for all residents, including New Jersey's low- and moderate-income (LMI) communities
- Oversee the development and implementation of clean energy policies, technologies, and programs, including energy efficiency programs
- Collaborate with partner agencies and organizations in the implementation of relevant policies, programs, training, and education, liaise with community-based organizations, and work within the communities to provide effective outreach on workforce training and program education initiatives

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Equitable NJ State Policy

The NJBPU is committed to ensuring all New Jersey residents have access to clean energy and related workforce development and job opportunities. We believe that a more fair and equitable clean energy future that affords its benefits to all communities is possible, and we are working toward that goal.

2018 CLEAN ENERGY ACT

The CEA calls for programs that "ensure universal access to energy efficiency measures and serve the needs of low-income communities"

It seeks to reduce the inequity experienced by groups and individuals across NJ who disproportionately lack access to energy-efficient housing, appliances, and technologies

2019 ENERGY MASTER PLAN

The EMP establishes that the State's priorities in developing its statewide energy efficiency structure are affordability, equity, environmental justice, economic development, decarbonization, and public health

EXECUTIVE ORDER 316

Adopts a target to install zero-carbon-emission space heating and cooling systems in 400,000 homes and 20,000 commercial properties and make 10% of all low-to-moderate income (LMI) properties electrification-ready by 2030

COMING SOON

New Energy Master Plan

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Energy Efficiency Programs

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Energy Efficiency Programs

www.NJCleanEnergy.com/EEP

NJBPU and NJCEP Administered Programs	Local Government Energy Audits (LGEA)	Energy Savings Improvement (ESIP)	Electric Vehicles (EV)
	Community Energy Plans	Community Solar	New Construction
	Combined Heat & Power/Fuel Cells (CHP)	Large Energy Users Program (LEUP)	State Facilities Initiative
	Combined Heat & Power Feasibility Study	Higher Education Decarbonization Pilot (Decarb)	
Utility Administered Programs	Existing Building Incentives *Residential, commercial, industrial*	Energy-Efficient Residential Products *Lighting, HVAC, marketplace*	
	Appliance Recycling	Appliance Rebates	
NJBPU and Utility Administered Programs	Comfort Partners		

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Program Performance

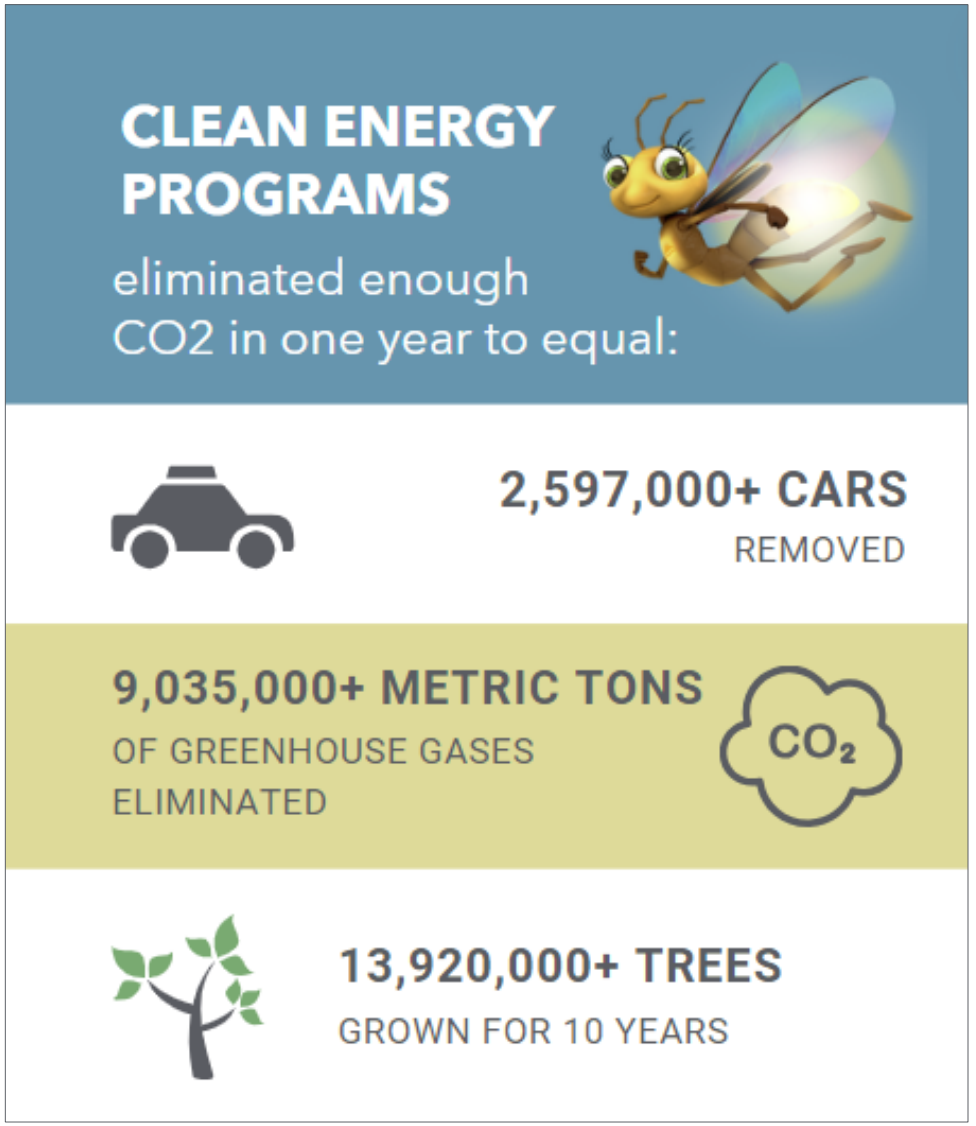
Simple steps make a huge impact

61,000+ applications processed in FY23

$99,330,000+ incentives paid in FY23

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

- ✓ **74%** from renewables and CHP/Fuel Cells
- ✓ **15%** electric savings
- ✓ **11%** Gas/oil/other savings



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Energy Efficiency Programs

Existing Buildings

New Jersey's cleanenergy program℠

Suite of Clean Energy Programs

WE ARE HERE

Energy Efficiency - Existing Buildings

- **FREE** Local Government Energy Audits (LGEA)
- Energy Savings Improvement Program
- Large Energy Users Program (LEUP)
- Higher-Education Decarbonization Pilot
- Comfort Partners: **FREE** Income Eligible Residential Upgrades

Energy Efficiency - New Construction

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

Distributed Energy Resources

- 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

- Successor Solar Incentive Program (SuSI) & ADI
- Community Solar
- Offshore Wind

Specialized Programs

- Community Energy Plan Grants (CEP)
- State Facility Initiatives
- Microgrid Development
- R&D Energy Tech Hub

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FREE Local Government Energy Audits

Existing buildings

www.NJCleanEnergy.com/LEUP

For local government, New Jersey colleges and universities, and 501(c)(3) non-profit buildings with an average yearly demand >200kW*

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

COST

Free; state facilities receive up to $1 million per fiscal year

INCENTIVES

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

* May be eligible for a waiver ** Subject to BPU Approval

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Financing for Government Agencies

The ESIP Process

Intake Form & Preliminary Energy Audit

- Get Informed
- **Free** LGEA or other ASHRAE Level II Audit

Select Model

- ESCO, Hybrid or DIY
- Public School Contract Law or Local Public Contract Law Compliance

Investment Grade Energy Audit

- Deeper Dive
- More Comprehensive Audit

Energy Savings Plan Developed

- Prioritize needs; Select ECMs
- Energy Savings Guarantee?
- Third Party Review

Submitted for BPU Approval

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Financing for Government Agencies

Energy Savings Improvement Program (ESIP)

- Energy performance contracting
- Administered by the BPU
- A creative tool and financing mechanism that allows public entities to make energy efficiency improvements without impacting their budgets
- Project is paid for with the value of its energy savings
- 15- or 20-year payback; self-funding
- NJBPU-approved incentives for utility company or New Jersey's Clean Energy Program
- Can be combined with Federal/State grants
- No upfront capital expenses
- No referendum or impact on taxpayers

CONTACT US

Michelle Rossi
ESIP Coordinator

Office: 609.913.6295
Cell: 609.915.0903

www.nj.gov/bpu/

ESIP@bpu.nj.gov

New Jersey's cleanenergy program™

Financing for Government Agencies

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

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Large Energy Users Program

Existing buildings

www.NJCleanEnergy.com/LEUP

Encourages New Jersey's largest companies to self-invest in energy efficiency

- 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 ≥400kW and/or 4,000 DTh

INCENTIVES

- Maximum incentive per project is capped by the lesser of the following metrics:
  - ✓ 75% of total project cost
  - ✓ Savings rates of $0.33/kWh and $3.75/therm for non-lighting measures; $0.16/kWh for lighting and lighting control measures
  - ✓ Buydown of project to 2.0-year simple payback period
- Incentive commitments in a single fiscal year will not exceed $4,000,000 per entity

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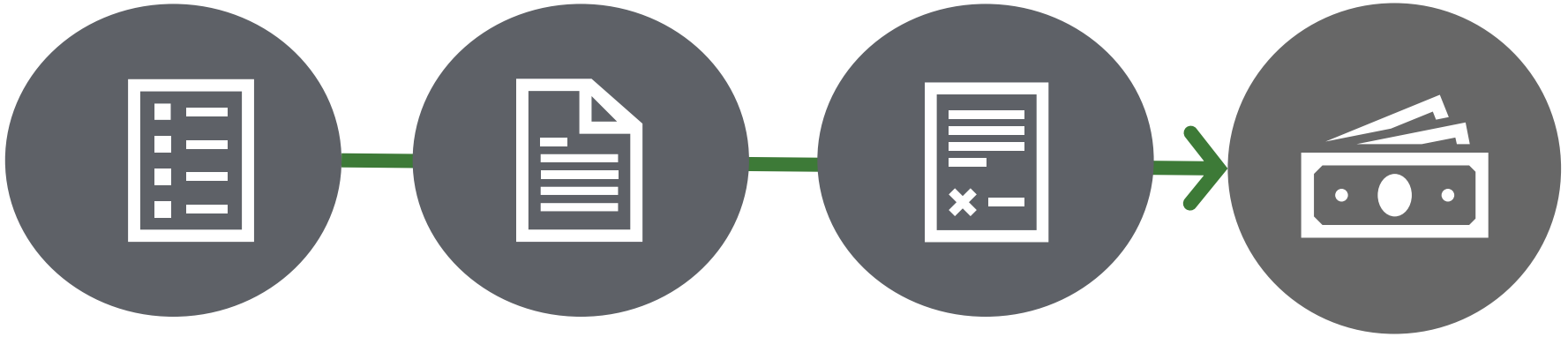
Large Energy Users Program

The LEUP Process



Program Enrollment

Submission and approval of application

Submission of Draft Energy Efficiency Plan

Reservation of incentives (optional)

Submission of Final Energy Efficiency Plan

Commitment of incentives

Confirmation of Installation

Incentives paid

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Higher Education Decarbonization Pilot

For existing accredited 2- and 4-year colleges and universities with multi-building campuses

- Assists New Jersey's colleges and universities reach their clean energy goals
- New construction projects are not eligible
- Projects pursuing decarbonization measures including but not limited to **energy efficiency, storage, solar, beneficial electrification, electric vehicles, and more**

INCENTIVES

- Up to **$5M** available per applicant
- Reimbursements of up to 100% of the cost for the development of a decarbonization plan
- Reimbursements of $1000/ton of CO2 equivalent reduced, up to 75% of total project cost

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Higher Education Decarbonization Pilot

What is decarbonization and why is it important?

- May lower energy bills
- Reduces greenhouse gas emissions
- Helps meet your campus' decarbonization goals:
  - ✓ Rutgers to be net-zero emissions by 2040
  - ✓ Princeton to be net-zero emissions by 2046
  - ✓ Rider College to be carbon neutral by 2050

As NJCEP's first incentive pilot for decarbonization efforts, we hope to learn:

- ✓ Effort and cost of building/implementing a decarbonization plan
- ✓ Receptivity to decarbonization ideas and participation
- ✓ Potential for program expansion

CONTACT US

Learn more about the program application, rules, regulations and timeline

866-NJSMART

www.NJCleanEnergy.com/LEUPDecarb

LEUPDecarb@NJCleanEnergy.com

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Comfort Partners

Residential existing buildings

www.NJCleanEnergy.com/CP

For low-income homeowners who have an income at or below 250% of the federal poverty level guidelines

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

- **FREE** program
- Energy efficient lighting
- Hot water conservation measures (water heater insulation, water heater pipe insulation and energy-saving showerheads, aerators)
- Replacement of inefficient refrigerators and thermostats
- Insulation upgrades (attic, wall, etc.)
- Heating/cooling equipment maintenance

ASSISTANCE IN PAYING UTILITY BILLS

866.378.4345

www.bpu.state.nj.us/bpu/assistance/programs

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Energy Efficiency Programs

New Construction

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Suite of Clean Energy Programs

WE ARE HERE

Energy Efficiency - Existing Buildings	Energy Efficiency - New Construction	Distributed Energy Resources	Electric Vehicles	Renewable Energy	Specialized Programs
• **FREE** Local Government Energy Audits (LGEA) • Energy Savings Improvement Program • Large Energy Users Program (LEUP) • Higher-Education Decarbonization Pilot • Comfort Partners: **FREE** Income Eligible Residential Upgrades	• New Construction Program (Residential, Multifamily, Commercial & Industrial)	• Combined Heat & Power Feasibility Study • Combined Heat & Power; Fuel Cells	• Light-Duty Residential EVs • At-Home Charging • Multi Unit Dwelling Chargers • Municipal Fleets	• Successor Solar Incentive Program (SuSI) & ADI • Community Solar • Offshore Wind	• Community Energy Plan Grants (CEP) • State Facility Initiatives • Microgrid Development • R&D Energy Tech Hub

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New Construction Program (NCP)

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Program Launch Timeline

Pre-launch

- Continue to use **existing programs**
  - *Residential New Construction*
  - *SmartStart Buildings*
  - *Pay for Performance*

May 1, 2025
Transition period

- Option to use **past programs**
  OR
  all-new **New Construction Program**

October 31, 2025
6-months post launch

- Only use **New Construction Program**
  - *High Performance Pathway*
  - *Streamlined Pathway*
  - *Bundled Pathway*

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How is New Jersey using energy?

2022 Energy Use By Source

Petroleum

New Jersey is the **13th largest** petroleum-consuming state

150 million barrels

The equivalent of

14 million passenger vehicles driven for 1 year

Natural Gas

New Jersey is the **14th largest** natural gas consumer in the U.S.

727 billion cu ft

The equivalent of

98 billion miles driven by the average passenger vehicle

Electricity

New Jersey consumes **MORE** electricity than it produces

Who consumes the electricity?

The commercial sector is the largest electricity consumer in New Jersey accounting for over 50% of the state's total electricity usage

EIA Energy Use Source Link

EPA Greenhouse Gas Equivalencies Calculator

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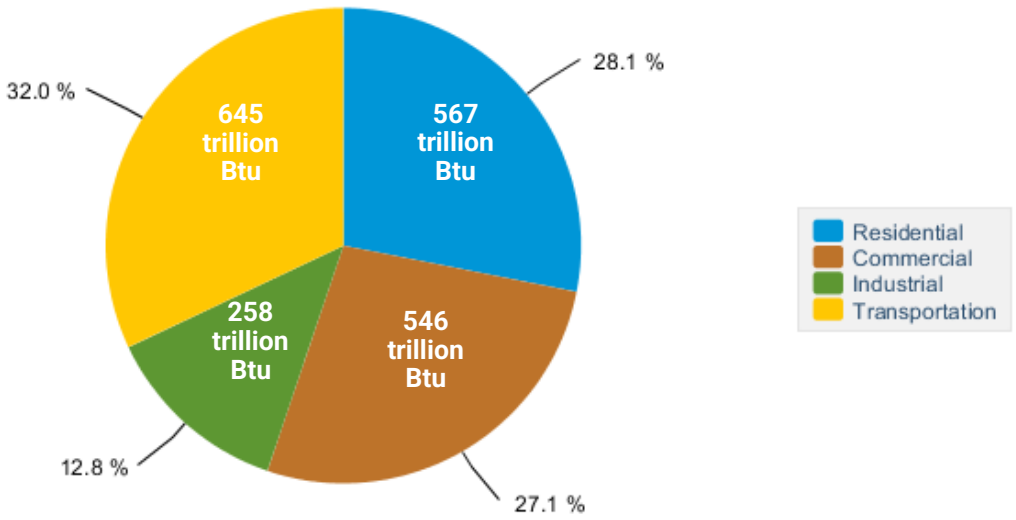
What sectors are consuming New Jersey's energy?

Commercial, Industrial, and Residential Sectors are the largest energy consumers

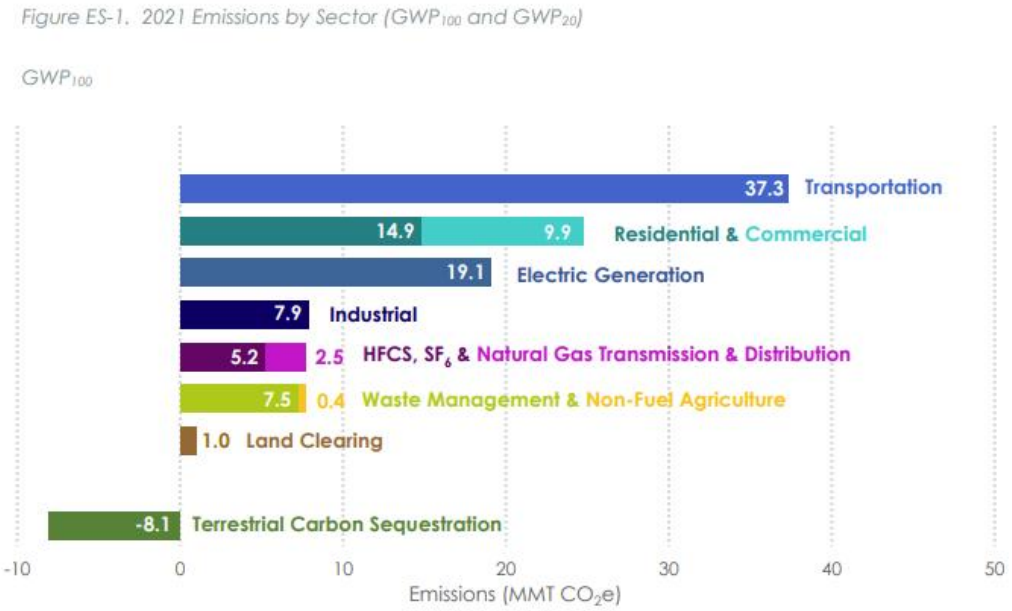
68% of total energy use



Source: Energy Information Administration, State Energy Data System

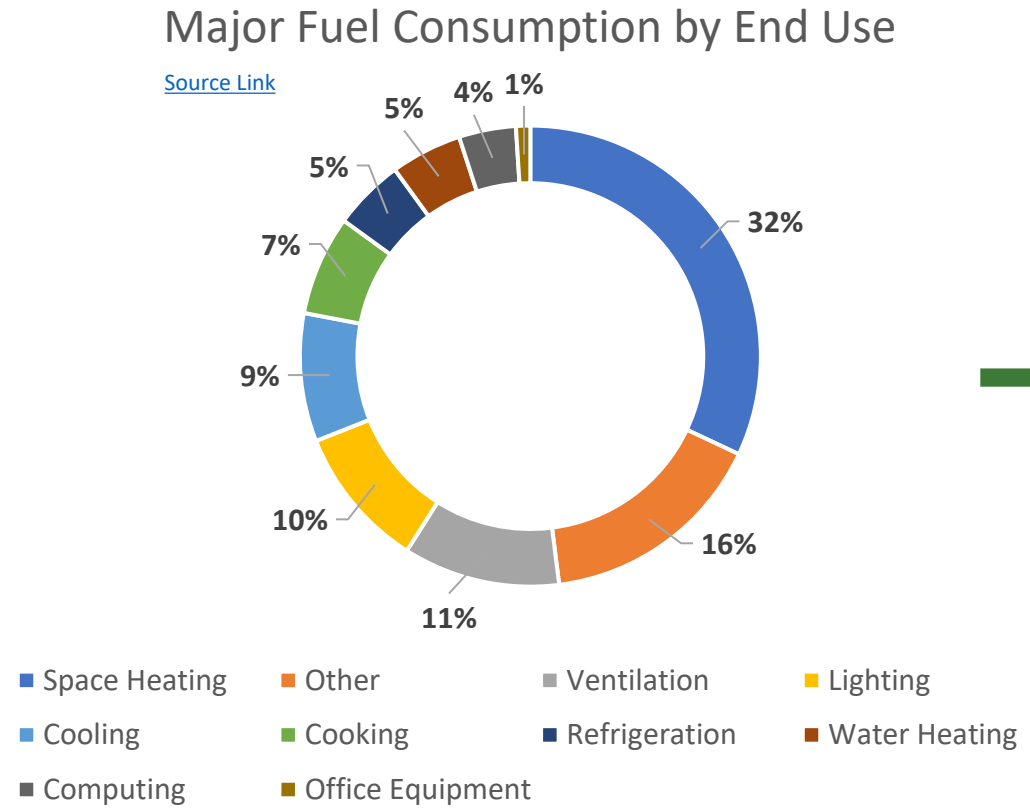
2022 Source Link

Commercial, Industrial, and Residential Sectors are the second largest carbon emitter



2021 Source Link

How are commercial buildings using energy?



The New Construction Program can provide incentives to make projects more energy efficient

New Jersey's cleanenergy program™

A New Approach to New Construction

What is the program?

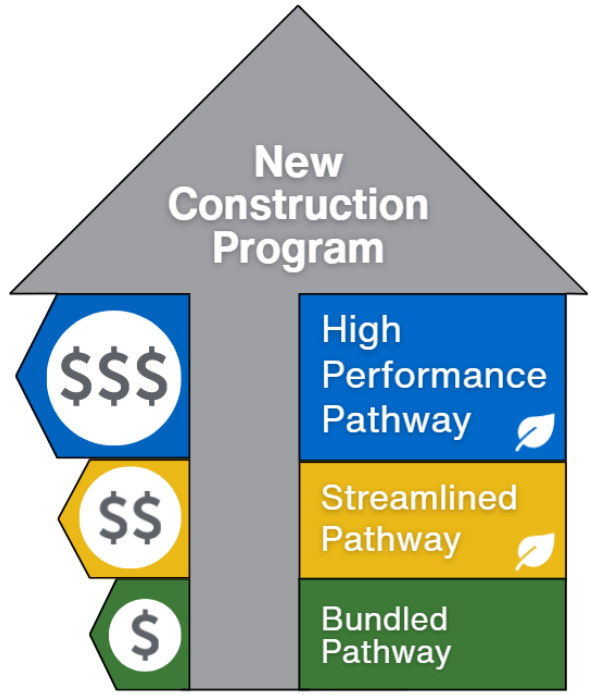
- A **single program with customized pathways** to serve residential and non-residential projects of all sizes
- An **easier application process** for energy incentives
- **Pre-approved Partner Network** to guide customers through the program
- **Increased equity and project participation** providing equitable access through enhanced incentives and outreach
- **Improved customer experience** and assistance including Coop marketing

New Jersey's cleanenergy program™

New Construction Program

www.NJCleanEnergy.com/NCP

- **Several pathways** offered to fit your needs to achieve energy savings
- Incentives based on selected pathways and project size
- All new construction buildings or gut renovation projects are eligible
- Additional incentives are available for energy efficiency measures that exceed code requirements



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New Construction Program Process

Partner registers your project site*

Program Team pre-approves design documents, and incentive committed

Construction inspection

Construction completed

Partner submits final documents

Final inspection along with final review from Program Team

Customer receives incentive

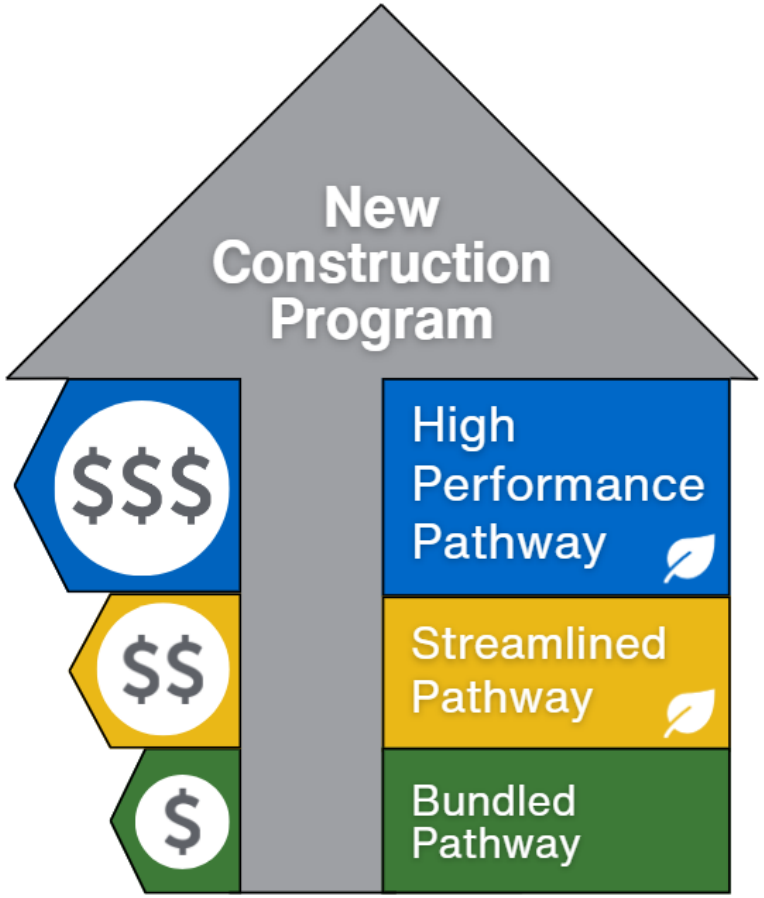
* An application may be submitted for a project at any point up to and during the design development phase; applicants are encouraged to apply prior to or during the early design stage.

New Construction Program Pathways

What are the details about the program?

Choose the **pathway** for your next project:

1. **High Performance**
   Deeper energy savings with tiered incentives
2. **Streamlined**
   More efficient than code compliance
3. **Bundled**
   Two or more eligible energy efficiency upgrades



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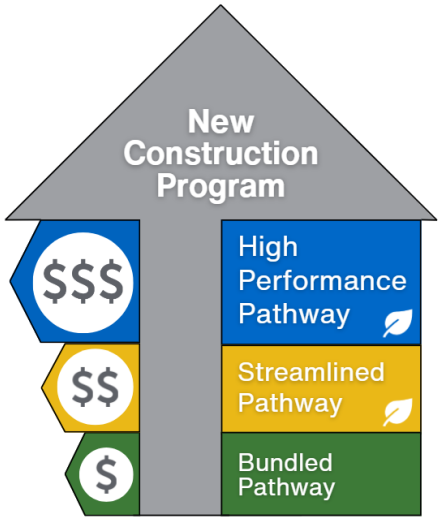
Bundled Pathway

Non-residential

What is the Bundled Pathway?

- Above-code measure upgrades are selected from pre-determined list to meet the minimum point requirement as applicable to the project's climate zone (CZ)
- Eligible energy conservation measures (ECMs) consist primarily of electric efficiency equipment and envelope/insulation measures
- Incentives are awarded to projects installing two or more eligible prescriptive measures and achieving the required minimum points at **$0.25 per square foot**



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Bundled Pathway Credits

Minimum Points for Each Measure

Bundled Pathway Credits, Climate Zone 4A											
Measure ID	Energy Credit Abbreviated Title	Addendum "ap" Section	Dormitory or Retirement	Healthcare	Hotel or Motel	Office	Restaurant	Retail	School or Education	Warehouse or Storage	Other
			Minimum Points Required								
			30	13	12	14	31	24	12	27	13
E02	UA reduction (15%)	C406.2.1.2	24	3	8	7	19	36	4	62	20
E03	Envelope Leakage Reduction	C406.2.1.3	47	6	14	8	24	44	x	77	28
H02	Heating Efficiency *(electric only)*	13.5.2.2.2	4	3	1	2	5	7	2	14	5
H03	Cooling Efficiency	13.5.2.2.3	4	7	7	6	5	7	9	1	5
H05	Ground-Source Heat Pump	13.5.2.2.5	10	11	6	10	13	18	6	×	11
W01	SWH Preheat Recovery	13.5.2.3.1(a)	21	2	7	2	10	7	3	3	7
W02	Heat-Pump Water Heater	13.5.2.3.1(b)	33	1	12	2	8	2	2	1	8
W04	SWH Pipe Insulation	13.5.2.3.2	3	1	2	1	×	×	1	×	2
W05	Point-of-Use Water Heaters	13.5.2.3.3 (a)	×	×	×	3	×	×	2	×	3
W06	Thermostatic Balancing Valves	13.5.2.3.3 (b)	1	1	1	1	1	1	1	1	1
W08	SWH Distribution Sizing	13.5.2.3.5	22	×	8	×	×	×	×	×	×
W09	Shower Drain Heat Recovery	13.5.2.3.6	19	×	6	×	×	×	2	×	9
L06	Light Power Reduction	13.5.2.5.6	2	8	2	8	4	10	9	13	6
Q01	Efficient Elevator Equipment	13.5.2.7.1	5	2	4	5	1	5	6	5	4
Q02	Efficient Kitchen Equipment	13.5.2.7.2	×	×	×	×	27	×	×	×	×

1. Heat pumps providing both space heating and space cooling that meet program requirements may be eligible for credit in both H02 and H03 categories above.
2. "x" indicates that the applicable type of building earns no points for the applicable measure.

New Jersey's cleanenergy program™

Bundled Pathway Credits

Minimum Points for Each Measure

Bundled Pathway Credits, Climate Zone 5A											
Measure ID	Energy Credit Abbreviated Title	Addendum "ap" Section	Dormitory or Retirement	Healthcare	Hotel or Motel	Office	Restaurant	Retail	School or Education	Warehouse or Storage	Other
			Minimum Points Required								
			33	13	11	16	29	22	12	32	15
E02	UA reduction (15%)	C406.2.1.2	30	4	9	10	26	45	3	74	25
E03	Envelope Leakage Reduction	C406.2.1.3	65	7	19	13	33	56	1	92	36
H02	Heating Efficiency *(electric only)*	13.5.2.2.2	5	4	2	5	8	10	3	21	7
H03	Cooling Efficiency	13.5.2.2.3	3	5	5	4	3	4	6	1	3
H05	Ground-Source Heat Pump	13.5.2.2.5	13	11	8	15	14	19	7	×	13
W01	SWH Preheat Recovery	13.5.2.3.1 (a)	22	2	8	2	11	7	3	2	7
W02	Heat-Pump Water Heater	13.5.2.3.1 (b)	36	1	13	2	9	2	2	1	8
W04	SWH Pipe Insulation	13.5.2.3.2	3	1	2	1	×	×	1	×	2
W05	Point-of-Use Water Heaters	13.5.2.3.3 (a)	×	×	×	2	×	×	3	×	3
W06	Thermostatic Balancing Valves	13.5.2.3.3 (b)	1	1	1	1	1	1	1	1	1
W08	SWH Distribution Sizing	13.5.2.3.5	23	×	8	×	×	×	×	×	×
W09	Shower Drain Heat Recovery	13.5.2.3.6	20	×	7	×	×	×	2	×	10
L06	Light Power Reduction	13.5.2.5.6	2	8	2	8	3	8	9	11	6
Q01	Efficient Elevator Equipment	13.5.2.7.1	5	2	4	5	1	5	6	4	4
Q02	Efficient Kitchen Equipment	13.5.2.7.2	×	×	×	×	26	×	×	×	×

1. Heat pumps providing both space heating and space cooling that meet program requirements may be eligible for credit in both H02 and H03 categories above.
2. "x" indicates that the applicable type of building earns no points for the applicable measure.

New Jersey's cleanenergy program™

Streamlined Pathway

Non-residential

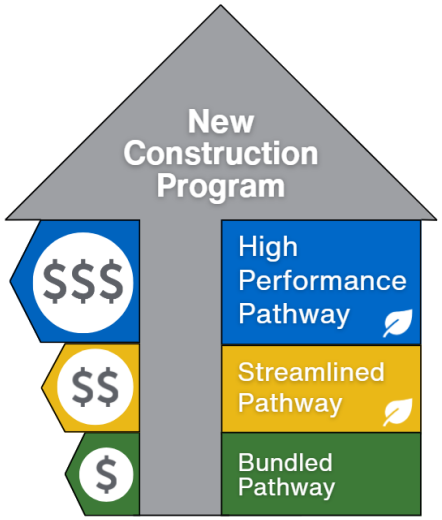
What is the Streamlined Pathway?

- Buildings are modeled in specialized software (Sketchbox); access provided by the program
- Ideal for simpler building designs
- ECMs will achieve site energy savings at least 5% above code
- Projects must address **each** of the following building systems:

Building Systems	
Envelope	Heating
Lighting	Cooling

- 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



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Streamlined Pathway Measures & Buildings

Building Types	
Automotive facility	Manufacturing facility
Convenience store	Motel
Convention center	Museum
Dining: bar lounge/leisure	Office
Dining: cafeteria/fast food	Parking garage
Dining: family	Penitentiary
Exercise center	Performing arts theater
Gymnasium	Religious building
Health-care clinic	Retail
Hospital	School/university
Hotel	Transportation
Library	Warehouse

Measures

- Reduced lighting power density
- Improved HVAC equipment efficiency
- Improved vertical fenestration u-value
- Air-side economizer
- Depth of vertical fenestration overhangs
- Demand-controlled ventilation

New Jersey's cleanenergy program™

High Performance Pathway

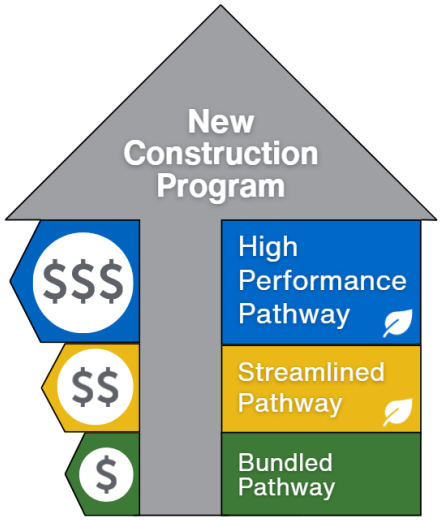
Residential & Non-residential

What is the High Performance Pathway?

- Whole building approach to energy savings
- Incentives are awarded in tiers by proxy certification **or** per the ASHRAE modeled savings

Tier 1:	Tier 2:	Tier 3:
$1.00/sq ft	$1.75/sq ft	$2.50/sq ft

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



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How to Navigate the High Performance Pathway

Projects must follow approved national proxy certifications **or** develop a whole building ASHRAE model demonstrating minimum program requirements are being met.

Proxy Certification

Non-Residential

Passive House Institute

phius

Residential

ENERGY STAR

ZERO ENERGY READY HOME

Passive House Institute

phius

ASHRAE Modeling

Non-Proxy Non-Residential

ASHRAE

New Jersey's cleanenergy program™

High Performance Proxies for Residential

US EPA ENERGY STAR Program

- ENERGY STAR Single Family New Homes Program v3.2
  - Must use the performance path by way of Energy Ratings Index (ERI)
- ENERGY STAR Multifamily New Construction Program v1.2
  - May use the performance path by way of ERI or ASHRAE

US DOE Zero Energy Ready Home (ZERH) Program

- Single family and Multifamily v2

Passive House

- PHI Classic, Plus, or Premium Version 10
- Phius Core 2021, Phius Zero 2021, or Phius Core Revive 2021

High Performance Proxies for Non-residential

LEED

- v4.1 Building Design & Construction (BD&C) or v4.1 Interior Design & Construction (ID&C)
- Projects achieve the minimum point values for *EAc2 Optimize Energy Performance Points for Option 1* (see table)

LEED Point Requirements	
LEED 4.1 Rating System	Minimum Requirement for EAc2: Optimize Energy Performance
BD+C: New Construction	4
BD+C: Core & Shell	4
BD+C: Major Renovation	4
BD+C: Schools	4
BD+C: Retail	4
BD+C: Data Centers	4
BD+C: Warehouses & Distribution	4
BD+C: Hospitality	4
BD+C: Healthcare	4
ID+C: Commercial Interiors	14
ID+C: Retail	14
ID+C: Hospitality	14

Passive House

- Focus of continuous insulation, airtight construction, optimized windows, balanced ventilation, and minimal mechanical systems
- Baselines will be established by the program for the purpose of calculating energy savings

High Performance ASHRAE Modeling

- Non-residential buildings; Proxy certification is NOT required
- Optimize project design using an approved energy modeling software to evaluate savings from ECMs as compared to design that only meets baseline building code
- Proposed design must demonstrate minimum 5% site energy savings compared to ASHRAE 90.1 - 2019 baseline
- Projects must address **each** of the following building systems:

Building Systems	
Envelope	Heating
Lighting	Cooling

- Full building Commissioning required

New Construction Program Incentives

What are the incentives?

	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 • 0.7 - 0.99 tons CO_2e/kSF at $0.25 • 1.0 - 1.99 tons CO_2e/kSF at $0.50 • 2.0 - 2.99 tons CO_2e/kSF at $1.00 • 3.0+ tons CO_2e/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

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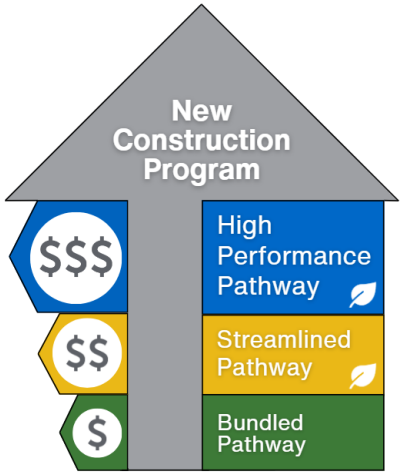
New Construction Program

What is the Greenhouse Gas Reduction (GHG) Bonus?

- Calculated CO_2 equivalent reduction based on the project's energy savings
- Residential and non-residential projects participating in High Performance or Streamlined Pathways are eligible
- **$0.25-$1.50 per square foot** bonus incentive is awarded to projects achieving the minimum GHG reduction thresholds

GHG reduction bonus	High Performance Pathway	Streamlined Pathway	Bundled Pathway
• 0.7 - 0.99 tons CO_2e/kSF at $0.25 • 1.0 - 1.99 tons CO_2e/kSF at $0.50 • 2.0 - 2.99 tons CO_2e/kSF at $1.00 • 3.0+ tons CO_2e/kSF at $1.50	✓	✓	N/A



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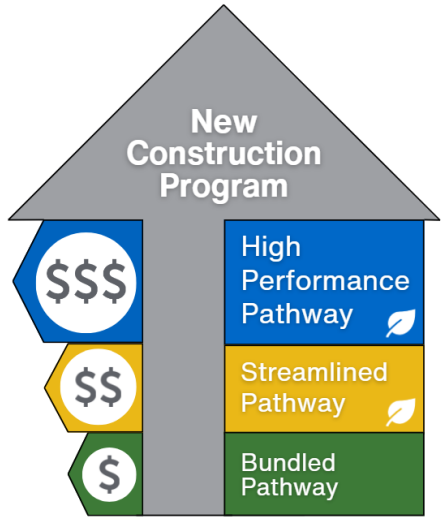
New Construction Program

What are the enhanced incentives?

- Additional incentives available to:
  - Residential affordable housing
  - Non-residential developments in designated areas of the State of New Jersey
  - Industrial/high energy intensity facilities
- Residential and non-residential projects participating in High Performance or Streamlined Pathways are eligible

	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 and Overburdened Communities (OBC), non-residential UEZs/OZs/OBCs, and Industrial/High Energy Intensity
2. Includes non-residential UEZs/OZs/OBCs and Industrial/High Energy Intensity



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Commercial Construction Example

Potential incentives that a 252,000 square foot office building may receive:

	Bundled Pathway	Streamlined Pathway	High Performance Pathway
Incentive Range	$63,000	$126,000	$252,000 – $630,000
Greenhouse Gas Bonus	N/A	$63,000 – $378,000	$63,000 – $378,000
TOTAL	**$63,000**	**$126,000 – $504,000**	**$252,000 – $1,008,000**

Up to **133%** **INCREASE** from previous program incentives

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Multifamily Construction Example

Potential incentives that a 70,000 square foot multifamily construction project may receive through High Performance Pathway:

	ENERGY STAR®	DOE Zero Energy Ready	PHI/PHIUS
Incentive Range	$70,000	$122,500	$175,000
Greenhouse Gas Bonus	$17,500 – $105,000	$17,500 – $105,000	$17,500 – $105,000
TOTAL	**$70,000 – $175,000**	**$122,500 – $227,500**	**$175,000 – $280,000**

Up to **41%** **INCREASE** from previous program incentives

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Single Family Home Construction Example

Potential incentives that a 2,700 square foot home may receive through High Performance Pathway:

	ENERGY STAR®	DOE Zero Energy Ready	PHI/PHIUS
Incentive Range	$2,700	$4,725	$6,750
Greenhouse Gas Bonus	$675 – $4,050	$675 – $4,050	$675 – $4,050
TOTAL	**$2,700 – $6,750**	**$4,725 – $8,775**	**$6,750 – $10,800**

Up to **20%** **INCREASE** from previous program incentives

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New Construction Program

Partner Network

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You can support New Jersey's Clean Energy Goals with the New Construction Program

The New Construction Program (NCP) is designed to increase energy efficiency and environmental performance

The program's main goal is to transform new buildings into "net zero energy"

Become part of the **NCP Partner Network** and drive the success of the program

New Jersey's cleanenergy program™

Partner Network

NEW CONSTRUCTION PROGRAM
New Jersey's Clean Energy Program™
PARTNER NETWORK

A network of energy efficiency professionals working with builders and developers to deliver high-quality building services in support of the New Construction Program

Energy efficiency experts in the new construction space:

- Architects
- Engineers
- Contractors
- Energy Consultants

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How to Apply

Gather Required Documents
before starting application

- Form W-9
- New Jersey Business Registration
- Certificate of Insurance
- Organization Chart
- Three Project Examples

Submit Application
and all required documents

www.NJCleanEnergy.com/NCP

Receive Application Approval
email

It can take 7-14 business days and may require additional information or revisions to the application

Complete Program Onboarding
and additional training as needed

Only one representative is required to be in attendance for live webinars. Recorded webinars will be available to other staff on demand

Begin the Partner Network Journey

Become a leader in sustainable building and submit projects to the NCP

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Benefits of the Partner Network

- Establish a reputation as a trusted energy advisor for clients in a competitive market
- Offer unique incentives for customers
- Limited use of NCP logo
- Get reimbursed for Coop marketing opportunities with exclusive access to the Partner Network logo and other materials
- High visibility on the NJCEP website and listed as a New Construction Partner
- Training and development opportunities in a changing industry

Cooperative Marketing (Co-op)

For NCP Partners

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Coop Marketing for Approved Partners

- Cost-share reimbursement for approved advertisements:
  - ✓ **50% cost-share for qualified marketing**
  - ✓ **Maximum of $50,000 per applicant, per fiscal year**
- Enhance your business's visibility by utilizing the NCP name and approved Partner badge
- Flexibility to create your own marketing materials or use marketing materials provided by NJCEP

Ideas to Promote Yourself and Your Business

- Incorporate the badge in your email signature
- Feature the badge on your website
- Print the badge on your business cards
- Use the badge in print or digital ad placements in newsletters, direct mail pieces, or magazines
- Showcase the badge on lawn signs, event banners and door hangers
- Share social media posts on your LinkedIn, Facebook, X, or Instagram channels

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Using the Approved Partner Badge

Two options for creative marketing materials:

1. Create Your Own
2. NJCEP-provided

- **All uses of the badge must be pre-approved**
- Marketing material must primarily promote energy efficiency opportunities within:
  - NCP Pathways
  - High Performance proxies including ENERGY STAR®, DOE, LEED, PHI and PHIUS
- Review the Cooperative Marketing Guidelines on the Partner Network webpage for more details
- Contact Kerri Catalano at *coop@NJCleanEnergy.com* with questions

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New Construction Program

Workforce Development Reimbursement

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Workforce Development

Invest in yourself as an energy professional

ABOUT THIS	Offers reimbursement to those who complete **REIMBURSEMENT** 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/residential/NCP/Workforce-Development***

   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

NEW CONSTRUCTION PROGRAM
New Jersey's Clean Energy Program™
Constructing an energy efficient future

AEE's Certified Building Commissioning Professional (CBCP)

AEE's 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

IGSHIPA Certified GeoExchange Designer

ENERGY STAR® New Homes or MFNC Rater Certification

PHIUS Certified Consultant (CPHC)

PHIUS Certified Rater

PHIUS Certified Verifier

PHIUS Certified Builder (CPHB)

WELL Accredited Professionals (WELL AP)

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If you have any questions, email: *Workforce@NJCleanenergy.com*

* The list of available courses and certifications above is subject to change. Visit *www.NJCleanEnergy.com* for the latest information

Tax Clearance Certificate

Required for all NJCEP applications

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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

New Jersey's cleanenergy program™

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

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Other Available State and Federal Programs

Stackable savings available with NJCEP programs

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Federal Incentives

www.whitehouse.gov/wp-content/uploads/2022/12/Inflation-Reduction-Act-Guidebook.pdf

Incentives are available through the Inflation Reduction Act (IRA) and can be stacked with a variety of energy efficiency and clean energy initiatives

- Some of the federal incentive opportunities can be found on the NJBPU website

Residential Incentives

- ✓ Home Energy Performance-Based, Whole-House Rebates (HOMES)
- ✓ High-Efficiency Electric Home Rebate (HEEHR)
- ✓ Energy Efficient Home Improvement Credit
- ✓ Residential Clean Energy Credit
- ✓ New Energy Efficient Homes Credit

C&I Incentives

- ✓ 179D Commercial Buildings Energy-Efficiency Tax Deduction
- ✓ Green & Resilient Retrofit Program – Grants and Loans
- ✓ Green & Resilient Retrofit Program – Benchmarking
- ✓ Small Business Improvement Grant Program (NJEDA)
- ✓ USDA Rural Development REAP Loan & Grant Program

Clean Vehicle Incentives

- ✓ Clean Vehicle Credit
- ✓ Credit for Previously-Owned Clean Vehicles
- ✓ Credit for Qualified Commercial Clean Vehicles

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Distributed Energy Resources

New Jersey's cleanenergy program™

Suite of Clean Energy Programs

WE ARE HERE

Energy Efficiency - Existing Buildings	Energy Efficiency - New Construction	Distributed Energy Resources	Electric Vehicles	Renewable Energy	Specialized Programs
• **FREE** Local Government Energy Audits (LGEA) • Energy Savings Improvement Program • Large Energy Users Program (LEUP) • Higher-Education Decarbonization Pilot • Comfort Partners: **FREE** Income Eligible Residential Upgrades	• New Construction Program (Residential, Multifamily, Commercial & Industrial)	• Combined Heat & Power Feasibility Study • Combined Heat & Power; Fuel Cells	• Light-Duty Residential EVs • At-Home Charging • Multi Unit Dwelling Chargers • Municipal Fleets	• Successor Solar Incentive Program (SuSI) & ADI • Community Solar • Offshore Wind	• Community Energy Plan Grants (CEP) • State Facility Initiatives • Microgrid Development • R&D Energy Tech Hub

New Jersey's cleanenergy program™

Combined Heat & Power and Fuel Cells

www.NJCleanEnergy.com/CHP

For 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

- Projects **MUST** run 5,000 full load equivalent hours per year (3,500 for critical facilities)
- Systems can also be designed to operate as backup power in emergencies

ABOUT THIS PROGRAM

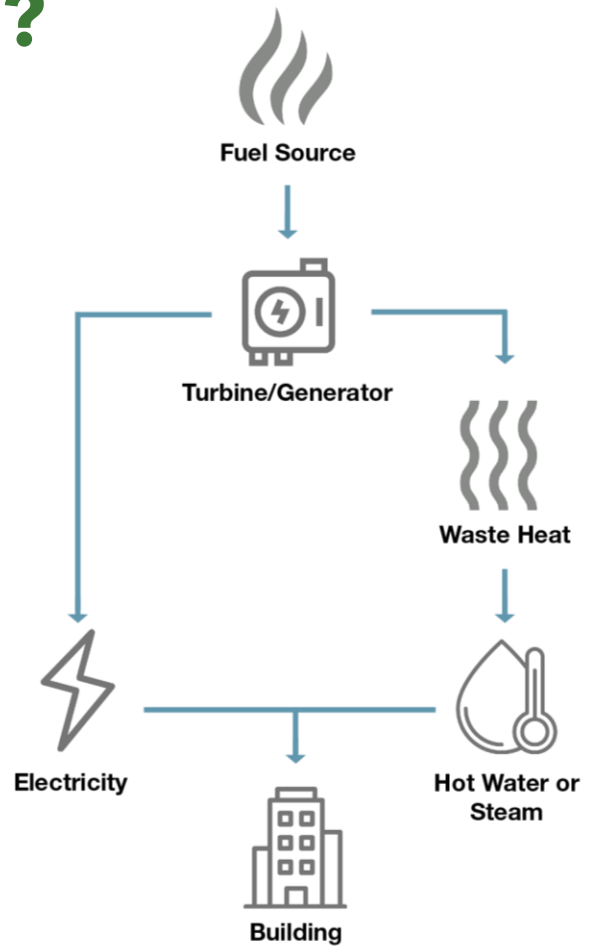
Combined Heat & Power (CHP) systems allow for efficient on-site power generation with heat recovery, resulting in:

- **Reduced** demand on the power grid
- **Lower** energy bills
- **Less** greenhouse gas emissions

New Jersey's cleanenergy program™

What is Combined Heat & Power and Fuel Cells?

- **Combined Heat & 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



New Jersey's cleanenergy program™

Combined Heat & Power and Fuel Cells

Incentives

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	≤500kW	$2.00	30-40%	$2 million
	>500kW-1MW	$1.00		
Fuel Cell with heat recovery	>1MW-3MW	$0.55	30%	$3 million
	>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%	$2 million
	>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

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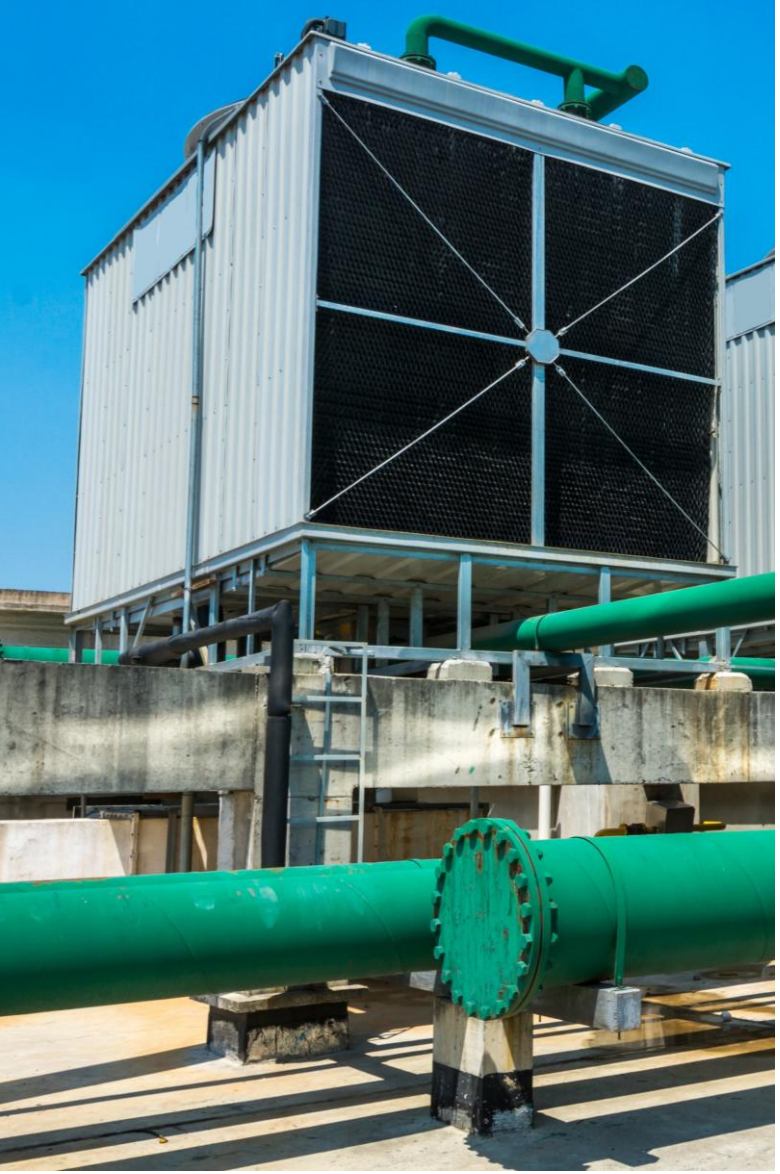

Combined Heat & Power Feasibility Study

Is a CHP system right for me?

The CHP Feasibility Study will evaluate if a CHP system suits your property

- ✓ Incentive to offset the cost to evaluate if this solution is right for you
- ✓ Incentive **up to 50% of the feasibility cost**, capped at $50,000

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Combined Heat & Power and Fuel Cells

What are the next steps to participate in the feasibility study?

Submit Application

Receive Application Approval Letter

Complete Feasibility Study

Submit Completed Feasibility Study

Receive Incentive Payment

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Electric Vehicle Programs

New Jersey's cleanenergy program™

Suite of Clean Energy Programs

Energy Efficiency - Existing Buildings

- **FREE** Local Government Energy Audits (LGEA)
- Energy Savings Improvement Program
- Large Energy Users Program (LEUP)
- Higher-Education Decarbonization Pilot
- Comfort Partners: **FREE** Income Eligible Residential Upgrades

Energy Efficiency - New Construction

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

Distributed Energy Resources

- Combined Heat & Power Feasibility Study
- Combined Heat & Power; Fuel Cells

WE ARE HERE

Electric Vehicles

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

Renewable Energy

- Successor Solar Incentive Program (SuSI) & ADI
- Community Solar
- Offshore Wind

Specialized Programs

- Community Energy Plan Grants (CEP)
- State Facility Initiatives
- Microgrid Development
- R&D Energy Tech Hub

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Electric Vehicles

www.NJCleanEnergy.com/EV

In New Jersey's Energy Master Plan, the strategy and goal is to "reduce consumption and emissions from the transportation section"

Goals:

- ✓ 330,000 light-duty electric vehicles by 2025
- ✓ Creating a charging infrastructure
- ✓ Looking at the state of the light-duty fleet
- ✓ Increase transportation options, encouraging new options
- ✓ Decrease "vehicle miles traveled"
- ✓ Reduce port emissions

PDF of all EV vehicle and charger incentives in New Jersey through NJBPU, NJDEP, and utility companies

CONTACT US

Electric Vehicle Incentive Programs

Office: 609.913.6295
Cell: 609.915.0903

www.NJCleanEnergy.com/EV

EV.programs@bpu.nj.gov

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Electric Vehicles

NJ EV Law S-2252 was signed on January 17, 2020

Goals:

- By December 31, 2024
  - At least 10% of the new bus purchases made by the New Jersey Transit Corporation shall be zero emission buses, 50% by 2026, and 100% by 2032
- By December 31, 2025
  - At least 330,000 EVs on New Jersey's roads
  - There must be 400 DC fast chargers and 1,000 level-two chargers available to the public
  - At least 15% of multi-unit dwellings must have a combination of level-one, level-two, or charger-ready ("make ready") parking spaces
  - 20% of all franchised overnight lodging establishments shall be equipped with EV chargers for routine electric vehicle charging by guests of the establishment
  - At least 25% of state-owned non-emergency light-duty vehicles shall be plug-in electric vehicles
- By December 31, 2035
  - At least 2 million EVs on New Jersey's roads
- By December 31, 2040
  - At least 85% of all light-duty vehicles sold or leased in the State will be EVs

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Light-Duty Residential EVs: Charge Up New Jersey Program

Status: Closed

Incentives

- Up to $4,000 for MSRP under $45,000
- Up to $1,500 for MSRP between $45,000-$55,000
- $250 for eligible home charger

Eligible

Available upon purchase of:

- **Light-duty electric vehicles** including battery electric and plug-in hybrid
- **Home chargers** (residential charger program)

New Jersey's cleanenergy program™

Multi-Unit Dwelling: EV Charger Incentive

Status: Closed

Incentives

- $4,000 for dual port, level-two EV charging station
- $6,000 for level-two charging station in an:
  - Underserved community
  - 100% deed-restricted low- and moderate-income housing development

Eligible

- Available upon installation of eligible level-two charging equipment in **apartments, condos, and other complexes with a minimum of 5 units** and dedicated off-street parking
- Increase equitable access to EV charging for residents/guests of apartments, condos, and other complexes with a minimum of 5 units and dedicated off-street parking

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Municipal Fleets:
Regional Greenhouse Gas Initiative (RGGI) Medium and Heavy-Duty Electric Vehicle Charging Program

Status: Closed

Incentives

- DCFC (community)
  - Up to $225,000 per 150 kW or greater dual-port, networked DCFC
- DCFC (private fleet)
  - Up to $175,000 per 150 kW or greater dual-port, networked DCFC

Eligible

Assist small and local businesses in gaining access to EV charging equipment

- Community Charging: Located or operating within an Overburdened Community
- Private Fleet: Private business participates in the New Jersey Zero-Emission Incentive Program

New Jersey's cleanenergy program™

Municipal Fleets:
Clean Fleet Electric Vehicle Incentive Program

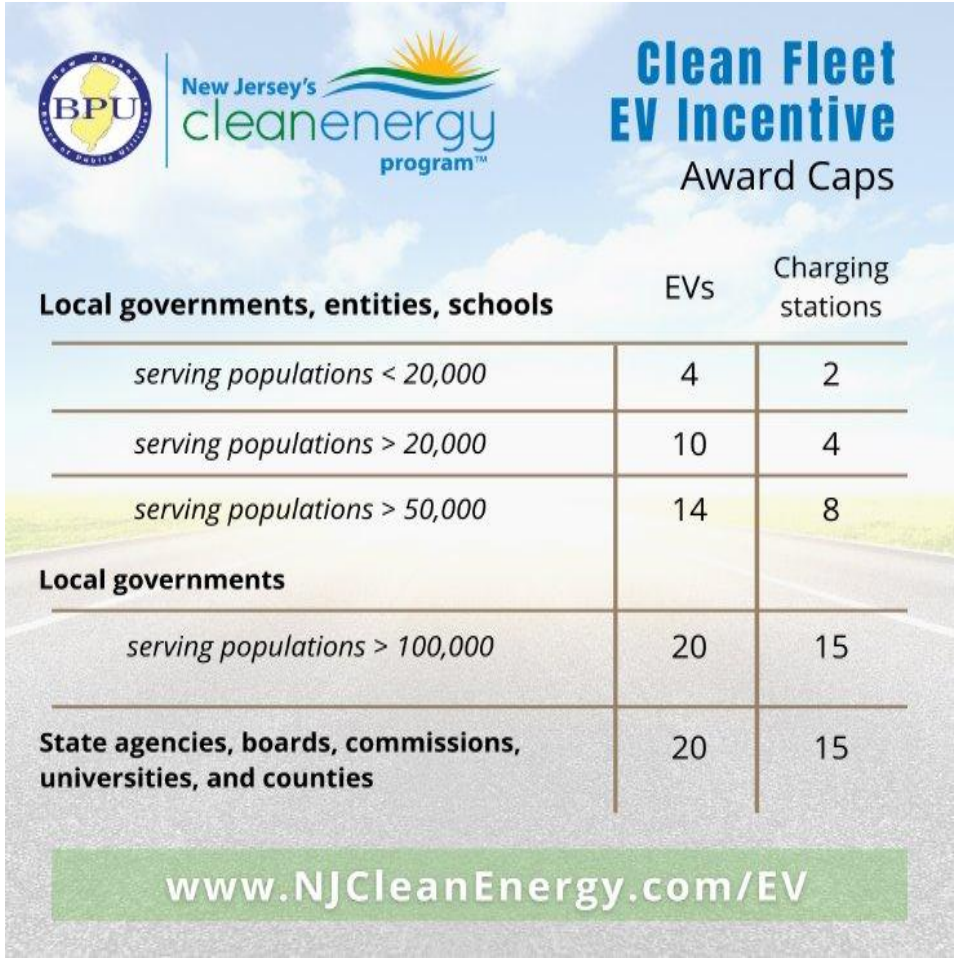
Status: Closed

Incentives

- $4,000 for a battery electric vehicle
- $5,000 for a public level-2 charger
- $4,000 for a fleet level-2 charger
- $10,000 for class 2b-6 battery electric vehicle
- Overburdened municipalities are eligible for a 50% bonus award

Eligible

- **Local and state governments** transitioning fleets to EVs



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EV Tourism Program

Status: Closed

Incentives

Available for charger installation:
Up to the cost of the charger

- Up to $5,000 for a level-two charger
- Up to $50,000 for a direct current (DC) fast charger

Eligible

Tourism attractions as well as overnight lodging establishments can apply for up to:

- 6 level-two chargers
- 2 DC fast chargers

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Renewable Energy Programs

www.NJCleanEnergy.com/RENEWABLE

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Suite of Clean Energy Programs

Energy Efficiency - Existing Buildings

- **FREE** Local Government Energy Audits (LGEA)
- Energy Savings Improvement Program
- Large Energy Users Program (LEUP)
- Higher-Education Decarbonization Pilot
- Comfort Partners: **FREE** Income Eligible Residential Upgrades

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- Combined Heat & Power; Fuel Cells

Electric Vehicles

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- At-Home Charging
- Multi Unit Dwelling Chargers
- Municipal Fleets

WE ARE HERE

Renewable Energy

- Successor Solar Incentive Program (SuSI) & ADI
- Community Solar
- Offshore Wind

Specialized Programs

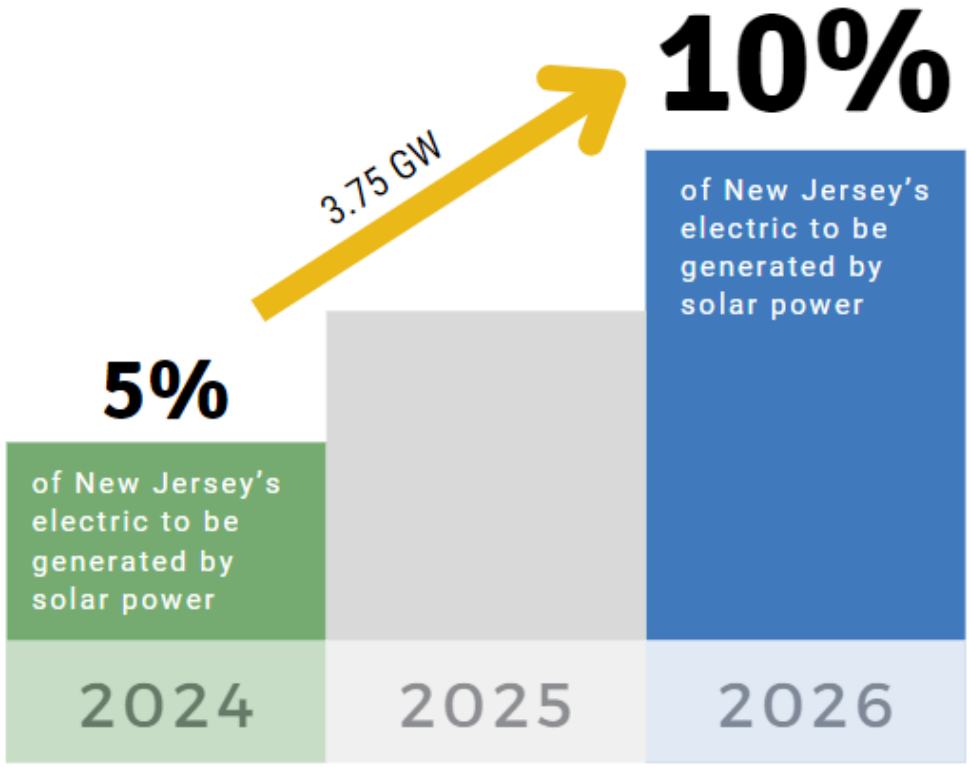
- Community Energy Plan Grants (CEP)
- State Facility Initiatives
- Microgrid Development
- R&D Energy Tech Hub

New Jersey's cleanenergy program™

Successor Solar Incentive Program (SuSI)

What is the SuSI program?

- The SuSI program offers tailored solar renewable energy credits to earn money for electricity that solar panels generate
- The goal is to **double New Jersey's installed solar capacity by 2026** by installing 3.75 GW of new solar
  - Includes 300 MW of net metered solar, 150 MW of community solar, and 300 MW of grid supply solar



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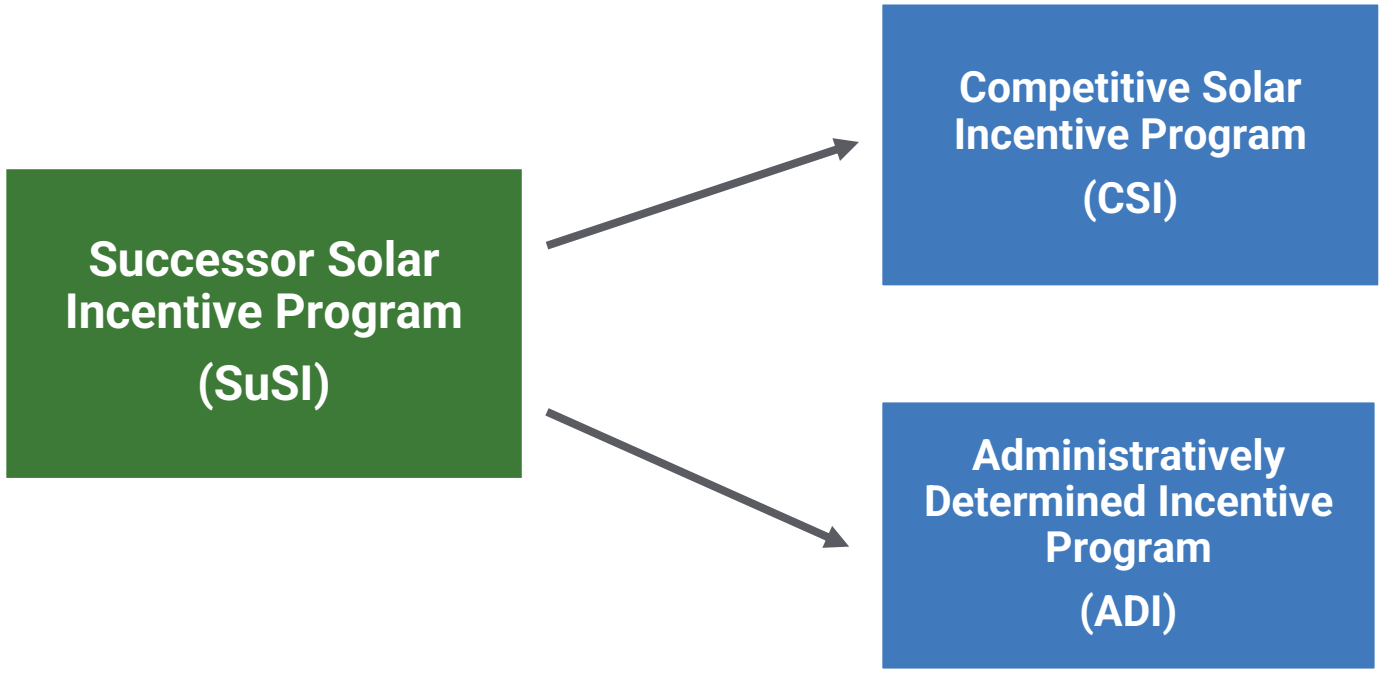
Successor Solar Incentive Program (SuSI)

What are the two sub-programs of the SuSI program?



Provides competitively set credit values for grid supply projects and net metered non-residential projects greater than 5 MW

Status: Closed

Provides administratively set credit values for net-metered residential projects of all sizes, net-metered non-residential projects of 5 MW (dc) or less, and community solar projects of 5MW (dc) or less

Includes Community Solar Program

Status: Open

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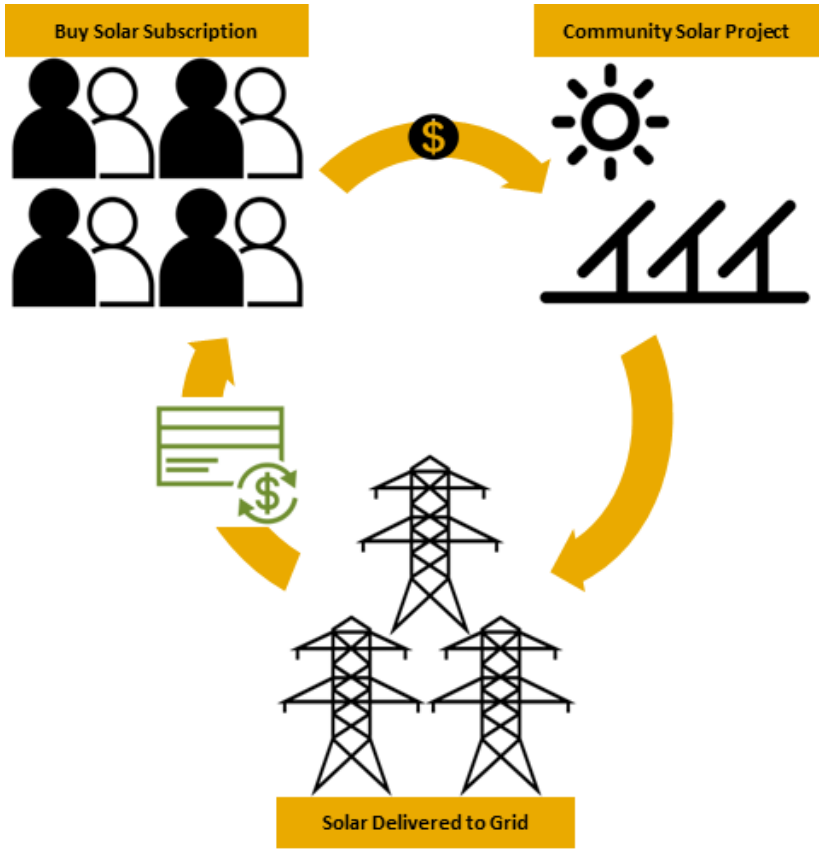
Community Solar

What is community solar?

- A larger, remotely located solar array or facility that is virtually divided among multiple participants (“subscribers”) by means of a credit on their utility bill
- Provides access to solar energy to renters as well as households, institutions or businesses whose roofs aren’t appropriate for solar installation

How can you participate?

- **Ownership:** buying a share of a portion of the community solar project or panels
- **Subscription:** buying a portion or share of the electric output produced by the community solar project



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Community Solar

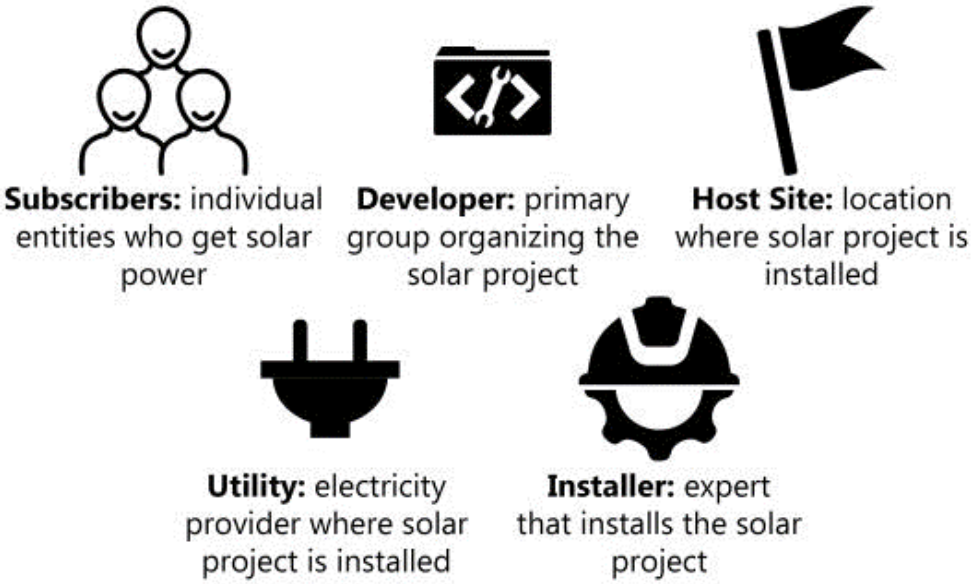
How can you get started in this program?

Potential role of government or business entities:

- Become an “anchor” subscriber for a community solar project
- Provide land/rooftop for siting of a solar array
- Conduct a competitive procurement on behalf of the community
- Serve as a project partner and help provide advertising

Potential role of affordable housing:

- Become an “anchor” subscriber for a community solar project
- Put Low and Moderate Income (LMI) properties into a community solar project



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Offshore Wind

What is the offshore wind program?

Goals:

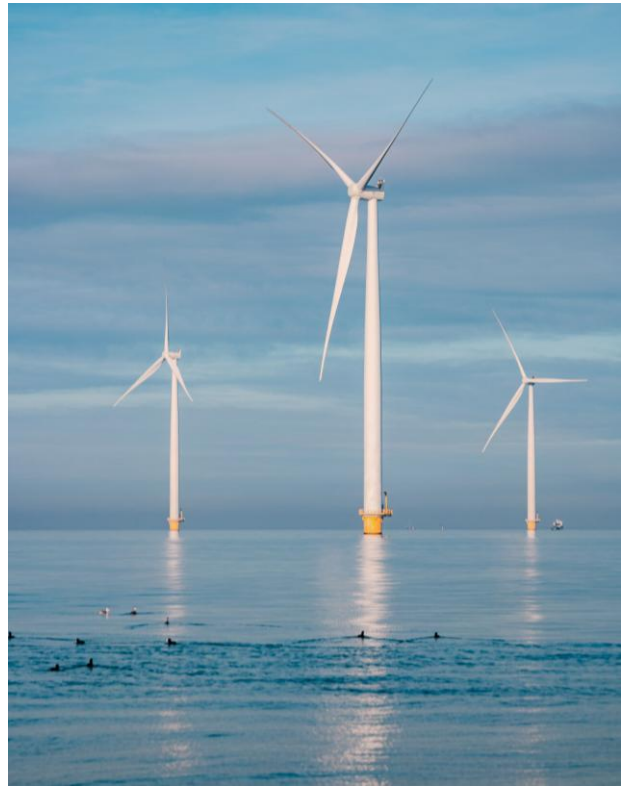
- 11,000 MW of offshore wind by 2040 to combat the threat of global climate change
- Establish a supply chain to support New Jersey and the east coast
- Minimize environmental and fishing impacts
- Develop a coordinated transmission solution
- Minimizing cost and risk to ratepayers

CONTACT US

Offshore Wind Program

www.NJCleanEnergy.com/OffshoreWind

osw.stakeholder@bpu.nj.gov



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Specialized Programs

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Suite of Clean Energy Programs

Energy Efficiency - Existing Buildings	Energy Efficiency - New Construction	Distributed Energy Resources	Electric Vehicles	Renewable Energy	WE ARE HERE Specialized Programs
• **FREE** Local Government Energy Audits (LGEA) • Energy Savings Improvement Program • Large Energy Users Program (LEUP) • Higher-Education Decarbonization Pilot • Comfort Partners: **FREE** Income Eligible Residential Upgrades	• New Construction Program (Residential, Multifamily, Commercial & Industrial)	• Combined Heat & Power Feasibility Study • Combined Heat & Power; Fuel Cells	• Light-Duty Residential EVs • At-Home Charging • Multi Unit Dwelling Chargers • Municipal Fleets	• Successor Solar Incentive Program (SuSI) & ADI • Community Solar • Offshore Wind	• Community Energy Plan Grants (CEP) • State Facility Initiatives • Microgrid Development • R&D Energy Tech Hub

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Community Energy Plan Grants (CEP)

Provides communities with the opportunity to localize the EMP's goals

The reconfigured CEP Grant Program supports municipal action on climate change, with specific focus on energy resilience, renewable energy, and efficiency

Redesigned to better prioritize low- and moderate-income and overburdened communities

Removes barriers to participation by simplifying and streamlining the application process

All New Jersey municipalities are eligible for $10,000, with overburdened municipalities eligible for larger grants and enhanced support

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State Facility Initiatives:

Overburdened Municipalities

Incentives

- Larger grant award of **$25,000** for community energy planning
- Technical assistance to
  - Develop and submit applications for the CEP Grant
  - Create the plan once grant is awarded

Eligible

- 50%+ of population living in an overburdened community (OBC) as defined by NJDEP pursuant to New Jersey's Environmental Justice Law, N.J.S.A. 13:1D-157
- Must meet one **or** both criteria:
  - Over 35% of the population is living under 200% of the poverty level according to US Census 2021 ACS data
  - Categorized as "distressed" according to NJDCA's based on their score using the New Jersey Department of Community Affairs Municipal Revitalization Index (MRI) score (50 or above)

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NJBPU Town Center Distributed Energy Resources (TCDER) Microgrids Program

- About:
  - Critical facilities within a municipal boundary can serve as a shelter or provide essential services during and after emergency events
  - They are connected to a single or series of DER technologies that can operate while isolated from the main grid
- Board funded:
  - 13 feasibility studies in phase I of the program
  - 7 projects for detailed design to at least 30% in phase II of the program
  - Project remain under engineering design
- Board, NJIT, and Rutgers received a Department of Energy Grant of $300,000 for a microgrid financing study
  - Report released July 2021

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Energy Storage

The Clean Energy Act pf 2018 directed the NJBPU to implement an Energy Storage Program

- The BPU:
  - ✓ Issued a straw proposal in 2022
  - ✓ Issued an RFI in 2023
  - ✓ Issued a second straw proposal in 2024
  - ✓ Plans to launch the program in 2025

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Ways to Save in Energy Costs

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Energy Savings Tips

- ✓ Regulate heating and cooling systems
- ✓ Set temperature 8 degrees lower when asleep or away in the winter
- ✓ Set temperature 7 degrees higher when away, and 4 degrees higher when asleep in the summer
- ✓ Turn on the ceiling fan to improve airflow and create gentle breezes
- ✓ Turn fans and lights off when you're not in the room

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Energy Savings Tips

- Let the heat in or out by:
  - ✓ Blocking out heat in the summer by keeping blinds or curtains closed during the day (especially on south-facing windows)
  - ✓ Opening blinds or curtains on winter days to let the heat in
- Use less hot water by:
  - ✓ Lowering the water heater temperature from 150° to 120°
  - ✓ Washing your laundry in cold water
  - ✓ Installing low-flow showerheads and faucets
  - ✓ Fixing water leaks

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