



Updates from State Agencies

May 9, 2025



Agenda

1. NJ Dept of Environmental Protection
2. NJ Dept of Education
3. NJ Board of Public Utilities
4. NJ Economic Development Authority
5. NJ Dept of Transportation
6. Q & A





Panel Speakers



**Kati Angarone, Chief
Strategy Officer, DEP**



**Jordan Schiff, Asst.
Commissioner, DOE**



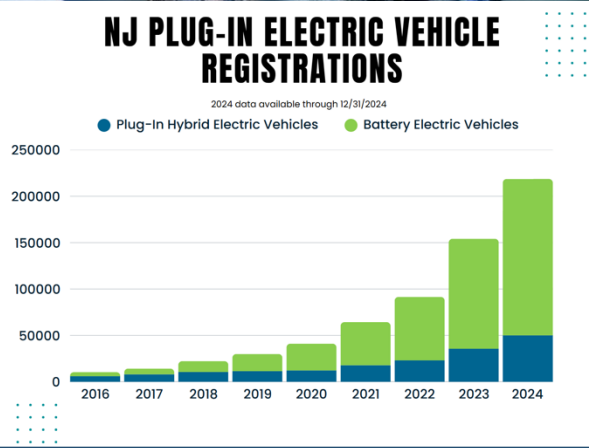
**Jonathan Gordon,
Deputy Director, Clean
Energy Equity, BPU**



**Dan Fatton, Director, Clean
Energy Partnerships, EDA**



**Frank Neary, Director, Safety
& Transportation Data, DOT**



NJDEP Updates

Chief Strategy Officer Kati Angarone



Climate 101

- Climate Reports & Plans You Should Know About
- Climate Change Resource Library for Educators

IMPORTANT CLIMATE TERMS

MITIGATION, RESILIENCE, SCIENCE



1 What is "Climate Mitigation"?

This refers to efforts to prevent and reduce the severity of climate change by reducing emissions of greenhouse gases into the atmosphere. For example, New Jersey is reducing emissions from electricity generation by switching from burning coal and natural gas to capturing solar energy and wind energy.

2 What is "Climate Resilience"?

This refers to our ability to design our ecosystems, communities, and built structures to better withstand the climate impacts we experience now and in the future. Climate impacts might include flooding from sea-level rise and storm events, and a resilience action might involve improving sewer systems to better address the resulting flooding.

3 What is "Climate Science"?

This is the study of the Earth's climate system and the causes and effects of climate change. This includes atmospheric processes, such as those related to solar energy, wind, and the ocean's absorption of heat. It includes weather patterns and long-term climate trends, such as melting of ice in the Arctic.

4 How do they work together?

Climate science provides the foundational information and data needed to implement meaningful actions like reducing greenhouse gases to slow climate change (mitigation) and building stronger communities and ecosystems to handle its impacts (resilience). It's important to consider both approaches to avoid solutions that may be more harmful long term.



Climate: Resilience

NJPACT

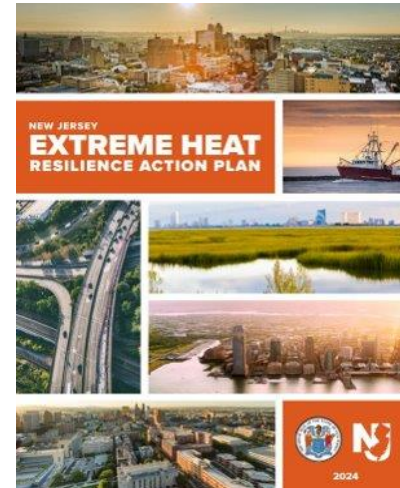
- Inland Flood Protection Rule
- Resilient Environments and Landscapes (REAL)

Local Planning

- Resilient NJ
- Climate Resource Funding Directory
- Master Planning – Climate Change Related Hazard Vulnerability Assessment
- Others

Extreme Heat

- Extreme Heat Resilience Action Plan
- Heat Hub NJ



Climate: Mitigation

Nature

- Trees for Schools
 - Applications due May 13, 2025, \$4.5 million in funding available
- Natural Climate Solutions

Comprehensive Climate Action Plan (CCAP)

Energy

- Electric Vehicles
 - In 2024, 13% of new vehicle sales were EVs, with just over 200,000 active vehicle registrations
- Solar
 - New Jersey is a national leader in solar power, with over 5 GW of installed solar PV capacity



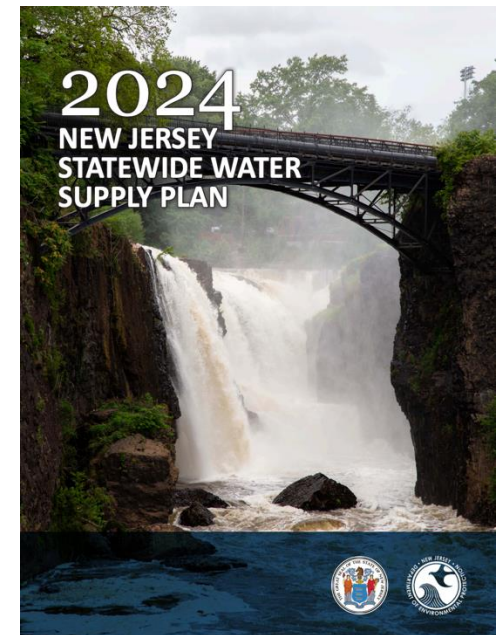
Water

Managing Drought

- Water Conservation Drought Outreach Toolkit now available

Building Local Capacity

- Watershed Restoration Grants, deadline 6/2
- Municipal Separate Storm Sewer Systems (MS4)
- NJ Water Supply Plan
- Water Infrastructure Investment Plan



Waste

Regulatory

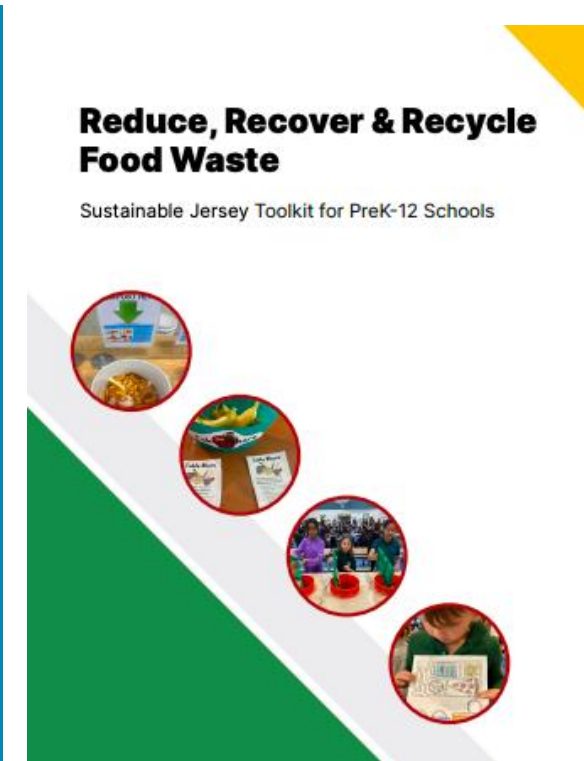
- Single-use Reduction Law, published on April 7, 2025

Municipalities

- Municipal Tonnage Grants
- Recycle Coach App

Schools

- Sustainable Jersey Toolkit for K-12 Schools
- Rutgers New Jersey Leaves No Bite Behind

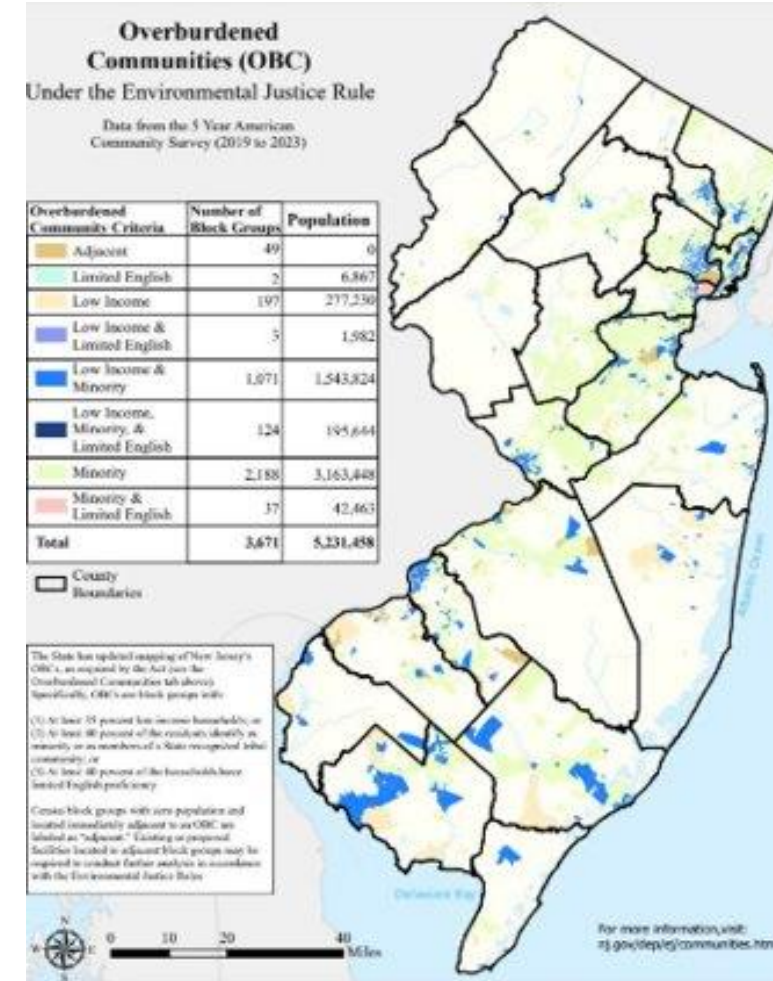


Environmental Justice

EJMAP

- Visualization tool designed to support implementation of NJ's Environmental Justice Law and regulations
- Provides information on the location of Overburdened Communities and regulated facilities

Environmental Justice in New Jersey



Resources



NEW JERSEY
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

New Jersey Department of Education



Supporting Climate Change Education, Sustainability, and Digital Preparedness in New Jersey's Schools

Dr. Jorden Schiff

Assistant Commissioner, Division of Teaching and Learning Services

May 9, 2025



Digital Preparedness Initiative



- NJDOE Digital Schools Program
 - Supports schools in:
 - Digital learning planning and implementation.
 - Preparing students for college and careers.
 - Digital Stars Recognition Program





Climate Change Education Initiatives



- 2020 New Jersey Student Learning Standards (NJSLS) supporting Climate Change Education.
- 2023 NJSLS English Language Arts (ELA) and Math climate change education companion guides.
- Grants to New Jersey Local Education Agencies (LEAs) and Institutes of Higher Education (IHEs).
- State and national partnerships.





Building Climate Literacy in New Jersey



We will prepare all students to understand:

- How and why climate change happens.
- The impact it has on our local and global communities.
- How to act in informed and sustainable ways.

NJ Climate Change Education – Key Elements



Photo Credit: New Jersey Department of Education

1. Grounded in climate science
2. Developmentally appropriate
3. Standards-based
4. Interdisciplinary
5. Locally-focused
6. Justice-focused
7. Student-centered



Grants Supporting Climate Change Education



Fiscal Year 2023

- Any climate change education-related projects in 322 New Jersey local education agencies (LEAs).
- Awards ranged from \$6-\$7K.

Fiscal Year 2024

- Model interdisciplinary climate change education unit plans with corresponding community resilience projects in 32 New Jersey LEAs.
- Awards range from ~\$31K-\$70K.
- Requires partnership with their regional CCLC and other local partners (municipal government, community-based organizations).



Climate Change Learning Collaboratives



- Bergen
- Essex
- Hudson
- Morris
- Passaic
- Sussex
- Warren



NEW JERSEY
AUDUBON

- Hunterdon
- Middlesex
- Somerset



- Mercer
- Monmouth
- Union



CENTER FOR
AQUATIC
SCIENCES



NEW JERSEY
AUDUBON

- Atlantic
- Burlington
- Camden
- Cape May
- Cumberland
- Gloucester
- Ocean
- Salem

[Climate Change Learning Collaboratives](#)

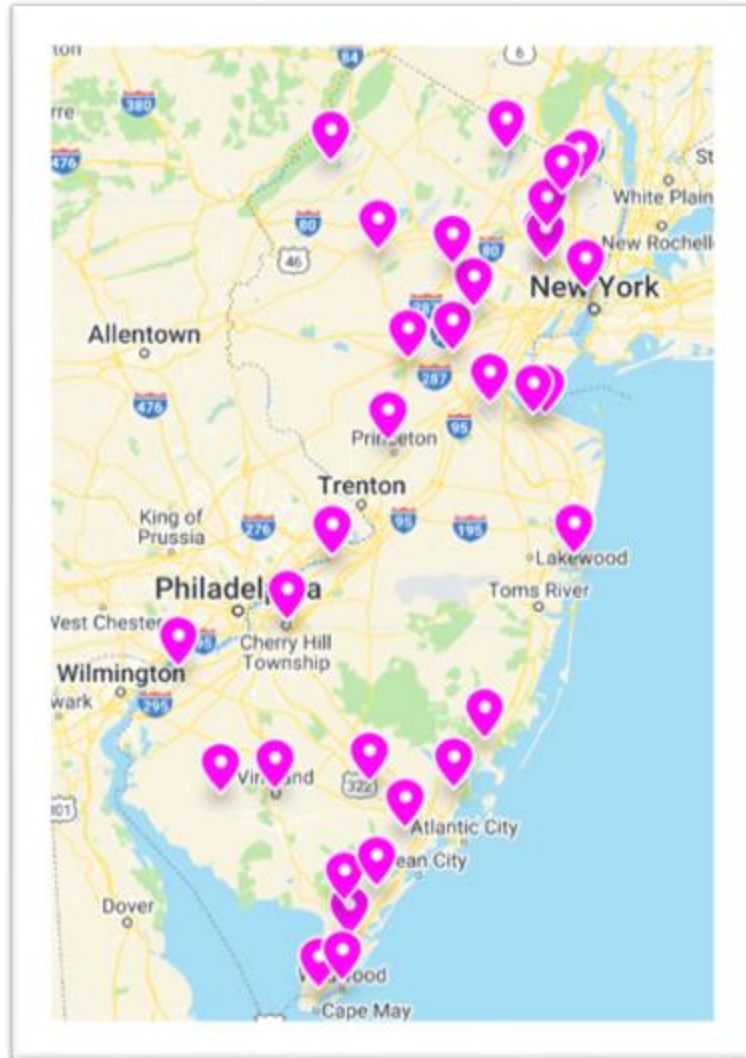


CCLC Professional Learning Opportunities

- Over 150 events held between June 2024 and March 2025



FY24 LEA Grant Impact (1 of 2)



- The FY24 grant made it possible to expand access to climate change educations across all grade levels in 18 of New Jersey's 21 counties.
- 32 local education agencies developed student-led community resilience projects with a local community partner.
- 25% of grantees are Title I LEAs.

Source: New Jersey Department of Education



FY24 LEA Grant Impact (2 of 2)



Student-driven Community Resilience Projects

Local Climate Change-Related Issue	Community Resilience Solution
Stormwater Overflow Flooding	Sustainable Land Use, Rain Gardens
Sunny-day Flooding	Planting Native Dune Grass, Model Coastline Mitigation
Invasive Species	Remove and Replace with Native Plant Species
Food Insecurity	School Gardens, Hydroponic Agriculture, Aquaponic Agriculture
Biodiversity and Habitat Loss	Native Pollinator Gardens, Habitat Restoration, Open Space Preservation, Building Green Spaces



FY24 LEA Grant Programs (1 of 4)



Students grow lettuce for their local food pantry with an Aquaponic System at Faber Elementary School (Dunellen, NJ).



Students at Stillwater Township School (Stillwater, NJ) make a model to plan for sustainable landscaping.

Photo Credit: New Jersey Department of Education



FY24 LEA Grant Impacts (2 of 4)



Students at Hamilton Township School District conduct a waste audit of the cafeteria trash.



High School students at Nutley Public School District collect macroinvertebrates to assess the health of a local stream.

Photo Credit: New Jersey Department of Education



FY24 LEA Grant Impacts (3 of 4)



At Egg Harbor Township School District, students prepared native dune grass to combat beach erosion.



Students create model coastline mitigation plans at Dennis Township School District.

Photo Credit: New Jersey Department of Education



FY24 LEA Grant Impacts (4 of 4)



Aquaponic systems at Cape May County Vocational School District.



Red Maple tapping project at Cape May County Vocational School District.

Photo Credit: New Jersey Department of Education





New for FY25



Climate Change Learning Collaboratives (CCLC) Grant

- Supports the continuation of CCLC programming to provide NJ educators professional learning and experiential learning opportunities.

Climate Change Education and Resilience through Interdisciplinary Learning (CCERIL) Grant

- Supports the continuation of LEA programs developed under the FY24 grant.

Climate Literacy for Community Resilience (CLCR) Grant

- Provides funds for a new cohort of LEAs to develop interdisciplinary climate change education unit plans and community resilience projects.

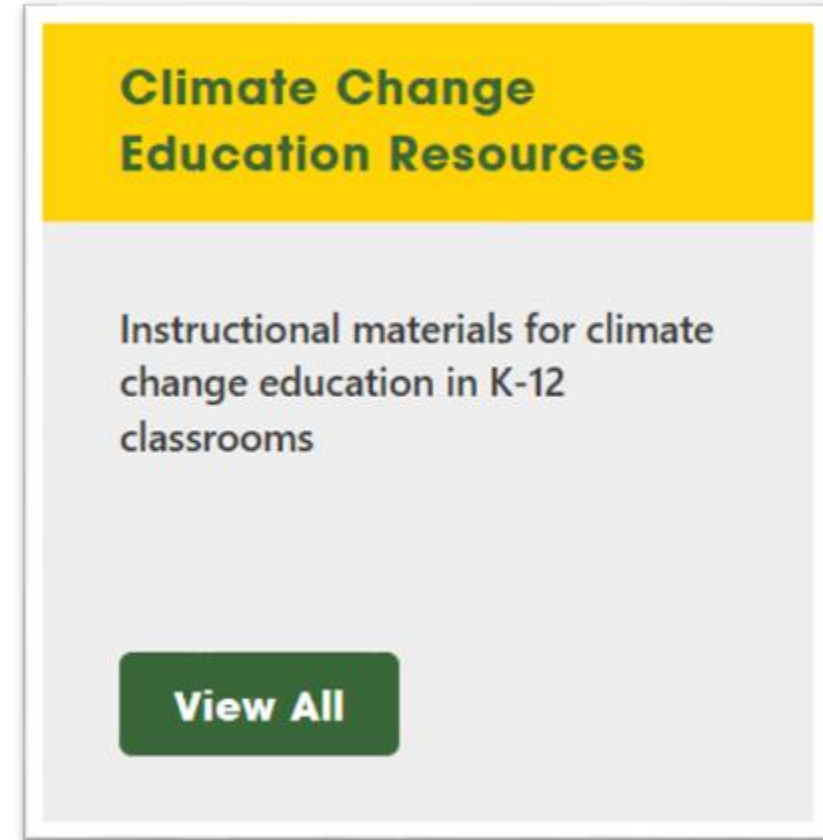




Sustainable Jersey for Schools Partnership



- Professional development for educators.
- New project-based and locally-focused learning units in STEM based on OpenSciEd.
- New learning units in non-science content areas targeting grades K–5.



[Sustainable Jersey for Schools - Resources](#)



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YouTube:
@newjerseydepartmentofeduca6565



Thank You!



New Jersey Department of Education: nj.gov/education

Climate Change Education Unit
climateeducation@doe.nj.gov





UPDATES FROM STATE AGENCIES

– Localize Affordable Clean Energy, TODAY!



May, 2025 , Jonathan Gordon

Overview of Local, Affordable, Clean Energy Programs

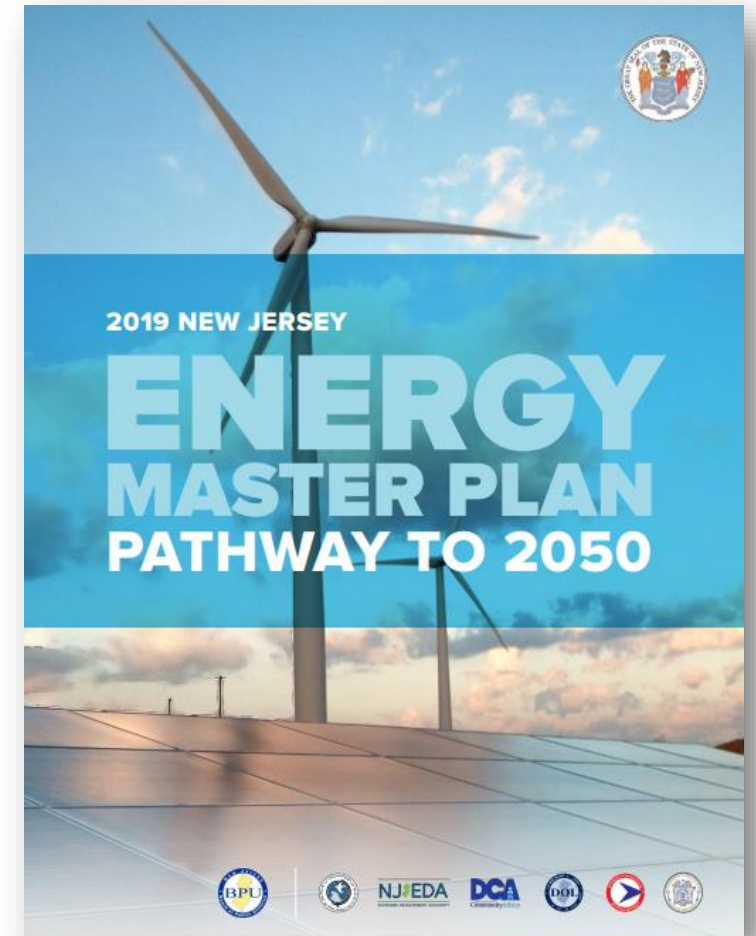
- Community Energy Planning
 - Plan Implementation
- Local Government Energy Audit (LGEA)
- Comfort Partners
- New' New Construction
- Community Solar
- Remote Net Metering
- EV Tourism Corridor Charging Program

Community Energy Plan Grants

Community Energy Plan Grant (CEPG)

The Community Energy Plan Grant (CEPG) program was designed to support municipalities in developing **community-level energy plans** that align with the strategies in New Jersey's Energy Master Plan.

All New Jersey municipalities are eligible for \$10,000. Overburdened municipalities are eligible for \$25,000 and enhanced technical assistance.



Overburdened Municipalities

In support of ensuring equitable access to clean energy benefits, the CEPG program criteria for Overburdened Municipalities (OBMs) has been expanded to assist more communities.

In addition, OBMs are eligible for:

- Larger grant awards of \$25,000 for community energy planning
- Enhanced technical assistance to develop funding applications and to develop energy plans upon award

List of Overburdened Municipalities

Municipality	Municipality	Municipality	Municipality
Asbury Park City	Fairfield Twp	Maurice River Twp	Salem City
Atlantic City	Fairview Boro	Millville City	Seaside Heights Boro
Bayonne City	Flemington Boro	Mount Holly Twp	So. Toms River Boro
Beverly City	Freehold Boro	New Brunswick City	Sussex Boro
Bridgeton City	Garfield City	Newark City	Teterboro Boro
Brooklawn Boro	Glassboro Boro	North Bergen Twp	Trenton City
Burlington City	Gloucester City	Passaic City	Union City
Camden City	Guttenberg Town	Paterson City	Upper Deerfield Twp
Cape May City	Haledon Boro	Paulsboro Boro	Victory Gardens Boro
Chesilhurst Boro	Hamilton Twp	Pemberton Twp	Vineland City
City of Orange Twp	Hi-nella Boro	Penns Grove Boro	West New York Town
Clayton Boro	Irvington Twp	Pennsauken Twp	West Wildwood Boro
Clementon Boro	Jersey City	Perth Amboy City	Westville Boro
Commercial Twp	Keansburg Boro	Phillipsburg Town	Wildwood City
Deerfield Twp	Kearny Town	Pine Hill Boro	Woodbine Boro
Dover Town	Lakewood Twp	Plainfield City	Woodbury City
East Newark Boro	Lawnside Boro	Pleasantville City	Woodlynne Boro
East Orange City	Lindenwold Boro	Prospect Park Boro	Wrightstown Boro
Egg Harbor City	Lodi Boro	Riverside Twp	
Elizabeth City	Long Branch City	Roselle Boro	

CEPG - Application

Information can be found at:
www.njcleanenergy.com/cep

Application period closing date:
Friday, July 11, 2025



Community Energy Plans

What is a Community Energy Plan?

A Community Energy Plan helps a community work toward a better environment for all residents by using the state's Energy Master Plan (EMP) as a guide to align local efforts. The EMP identifies seven strategies for rapid reductions in greenhouse gas emissions by targeting efforts to reduce energy use, reduce emissions, increase renewable energy, and more.

Community Energy Planning is the process by which communities collaboratively select and strategically implement emissions-reducing initiatives that fulfill the EMP goals. This Process includes assembling a planning team of local municipal staff, elected officials, relevant municipal board and commission members, and community volunteers. This planning team assesses the municipality's needs and helps find the opportunities for energy resiliency, renewable energy, and energy efficiency.



Community Energy Plan Grant (CEPG) Program

In 2019, the Board established a Community Energy Plan Grant Program. While the EMP provides a framework for a statewide transition to 100% clean energy by 2050, the Community Energy Plan Grant Program provides support to municipalities to develop climate action plans at the local level based on their assessment of which EMP strategies are most applicable in their respective communities.

The Community Energy Plan Grant Program was redesigned for program year 2 by the Office of Clean Energy Equity to prioritize low- and moderate-income and overburdened communities by removing barriers to participation and providing more financial and technical support to those communities that are most in need of these grants.

Program year 3 was approved on November 17, 2023, with some changes made to the program. The changes include:

- Shorter grant timeline - now 12 months
- Expanded criteria to determine Overburdened Municipalities - MRI score now needs to be 40 or higher to qualify under this criteria
- Proposed budget now after technical assistance consultations with Sustainable Jersey

All municipalities are eligible to receive a \$10,000 grant. Municipalities identified as being Overburdened Municipalities (OBMs) are eligible to receive a \$25,000 grant. A chart containing OBMs for the current program year can be found below.

The application window for CEPG is now open. See link below:

- [Application Form](#)

Community Energy Plan Implementation (CEPI) Grant

The new **Community Energy Plan Implementation** (CEPI) grant program was designed to help municipalities build off the work done through the Community Energy Plan Grant (CEPG) program.

Municipalities can apply for funds to support implementation of **energy resiliency, renewable energy, or energy efficiency** projects that have been identified as priorities in local energy plans.

Local Government Energy Audit (LGEA)

Local Government Energy Audit

NJCleanEnergy.com/LGEA

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

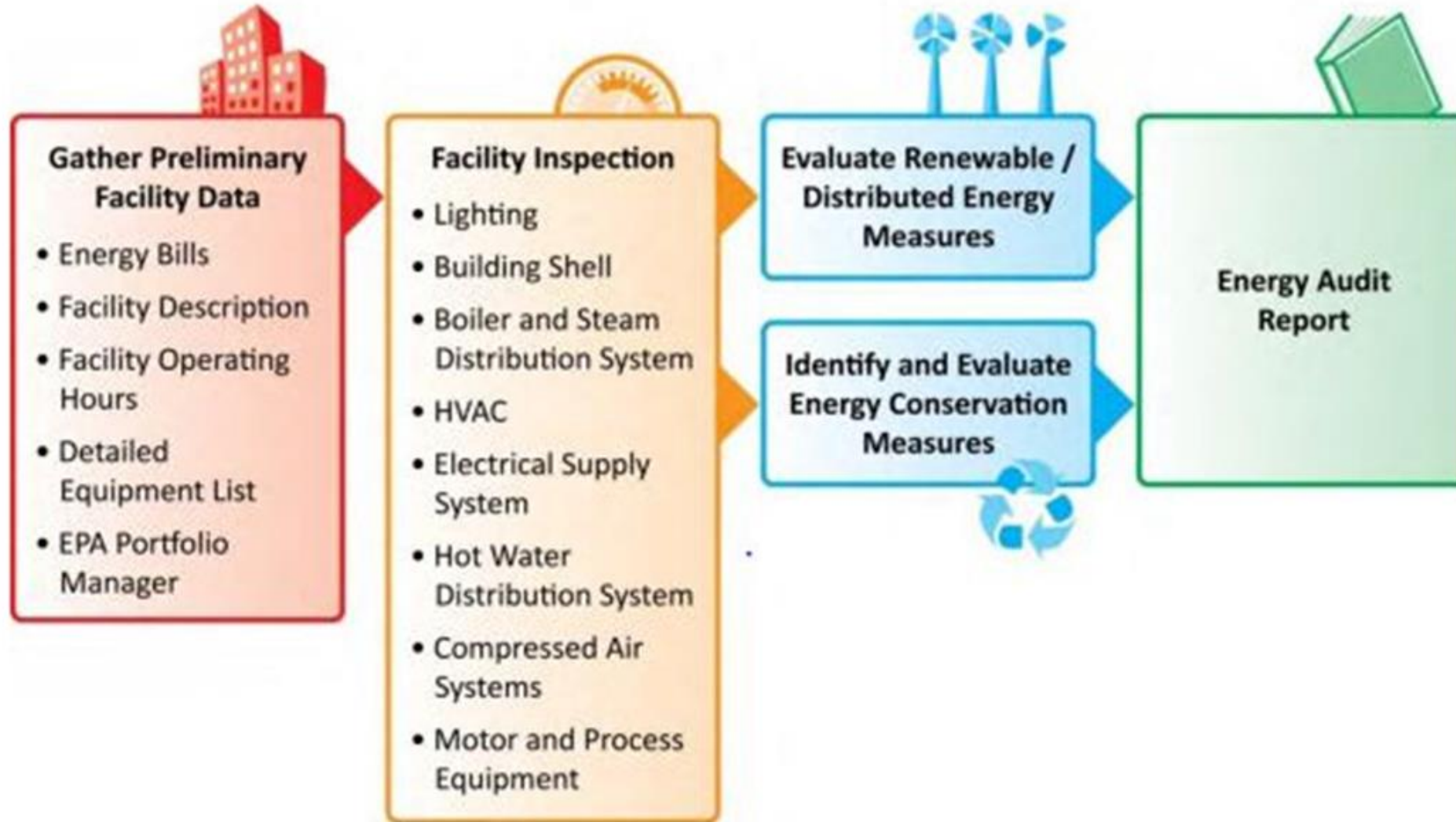
- Inventory of all energy-consuming equipment and costs
- Comprehensive utility bill analysis
- Facility benchmarking
- Feasibility for solar and combined heat & power
- High level water assessment

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**

Local Government Energy Audit

NJCleanEnergy.com/LGEA



Comfort Partners

Comfort Partners

Through Comfort Partners, participants receive energy education services and energy efficient measures, all at no cost!

Potential measures included in Comfort Partners:

- Energy efficient lighting
- Hot water conservation measures
- Replacement of inefficient refrigerators and thermostats
- Insulation upgrades
- Heating/cooling equipment maintenance



Comfort Partners

To be eligible:

- Must be living at or below 250% of federal poverty guidelines; or
- Live in a pre-qualified census tract and self-attest that you are within income guidelines; or
- Participate in one of the following assistance programs:
 - Section 8 Housing
 - Supplemental Security Income (SSI)
 - Temporary Assistance for Needy Families (TANF)
 - Supplemental Nutrition Assistance Program (SNAP)
 - General Assistance (GA)

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
- Pre-approved partner network to guide customers through the program
- Increased equity and project participation through expanded proxy certification incentives and incentive bonuses
- Improved customer experience and assistance including co-op marketing

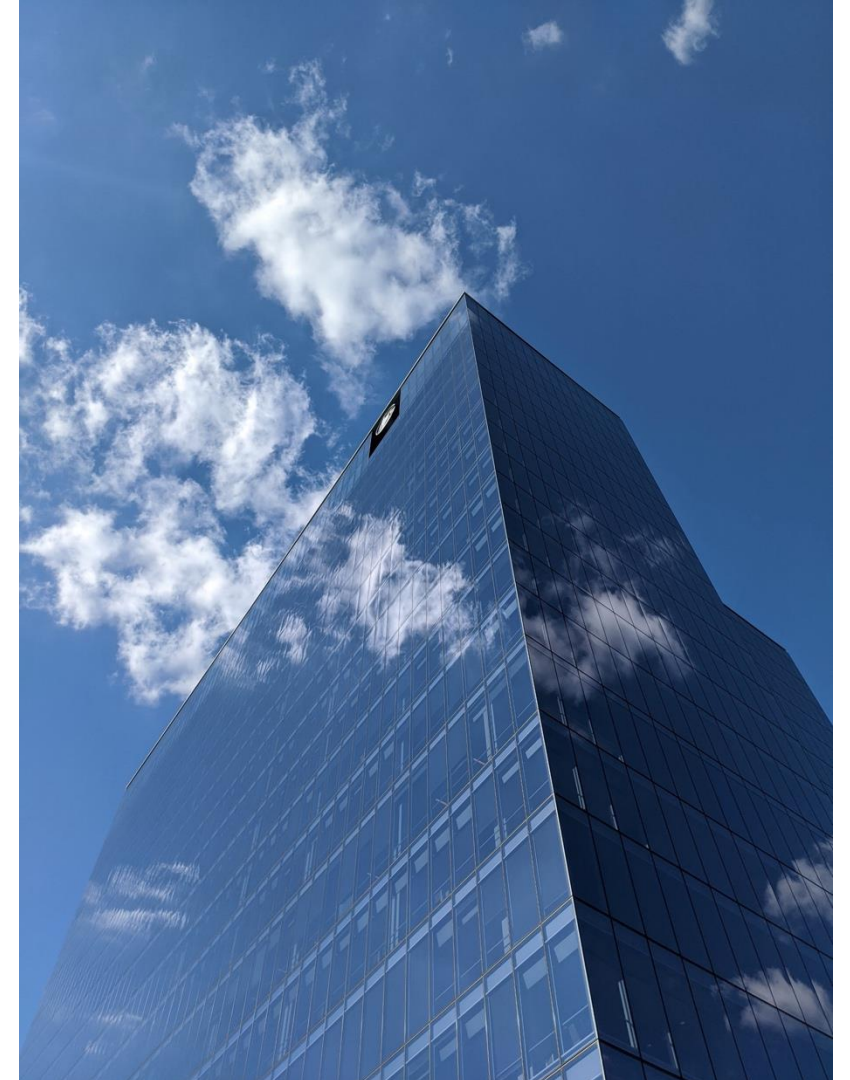


Benchmarking

“What gets measured gets managed”

Benchmarking

- Building benchmarking evaluates a building's energy and water efficiency against similar buildings, using utility bill data submitted to the EPA's Portfolio Manager.
- The US EPA assigns a benchmark score from 1 to 100, with 100 representing the most efficient buildings.
- Tracking performance over time helps identify opportunities to reduce operational costs, attract quality tenants, and enhance property value.
- New Jersey's benchmarking includes a mandatory program for commercial buildings over 25,000 square feet starting in spring 2023 and a voluntary program for smaller buildings.
- The NJ Board of Public Utilities classifies commercial buildings based on property tax assessments, specifically Class 4A Commercial and Class 4C Apartments.



Community Solar: What is it?

NJCleanEnergy.com/COMMUNITYSOLAR



Perth Amboy Community Solar Project

- A large remotely located solar array that is virtually divided among multiple participants (subscribers) by means of a credit on their utility bills.
- Enables access to solar energy for those who have not been able to install solar, including renters and households, institutions, or businesses where the roof isn't appropriate for solar installation, or solar is cost-prohibitive.

2025 Program Characteristics

Structure

- Program as of 2023
- Annual capacity allocations (avg. 250 MW)

Size

- Individual community solar project maximum size: 5MW

Siting

- Projects may have subscribers anywhere in the EDC service territory
- All projects must be sited on: rooftops, landfills, brownfields, and carports, and floating solar

Credit Value

- Bill credit set at retail rate, minus non-bypassable charges
- As of Jan 1, 2025 – single bill

Low & Moderate Income (LMI) Access

- At least 51% of program capacity reserved for LMI projects
- Muni can auto enroll LMI subscribers 80% to project

Billing

NJCleanEnergy.com/COMMUNITYSOLAR

Consolidated billing

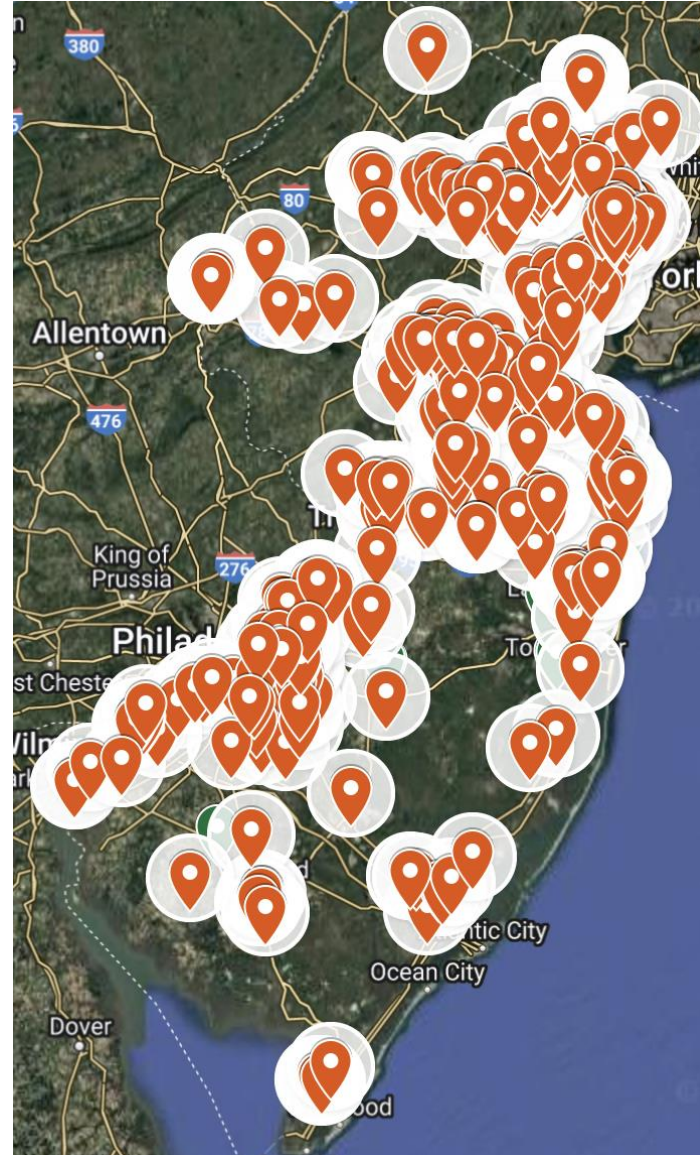
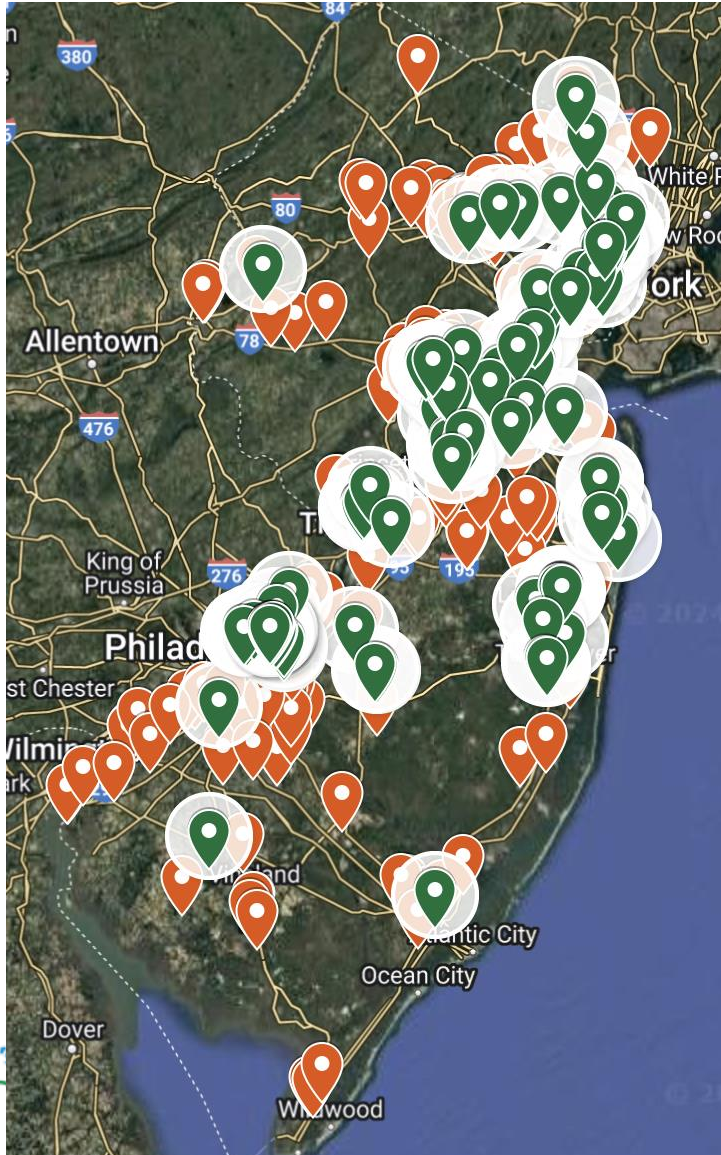
- Utility consolidated billing will reduce customer confusion and hassle of two bills
- Residential subscribers are billed with the net crediting method.
 - The bill discount rate is applied to the applicable portion of the bill.

Applied bill credit x guaranteed savings rate = net credit

Customer bill total – net credit = final amount billed

Program projects

NJCleanEnergy.com/COMMUNITYSOLAR



Green: 114 projects in service
Red: 356 projects in development
As of 2/28/25



New Jersey
clean

CSEP eligibility

NJCleanEnergy.com/COMMUNITYSOLAR

Siting

- Projects may be sited on:
 - Rooftops
 - Carports and canopies over impervious surfaces
 - Contaminated sites and landfills
 - Man-made bodies of water that have little to no established floral and faunal resources (floating solar)
 - Mining sites (sand mines, gravel pits, former mines)



Solar Landscape



Sunwealth/Citrine/Pfister



Navisun



New Jersey Resources



New Jersey
clean
energy
program

CSEP eligibility

NJCleanEnergy.com/COMMUNITYSOLAR

Size and co-location

- Maximum size is 5 MW
- May co-locate with net-metered projects
- May be on separate buildings on different properties
- Projects on municipally-owned, uncapped landfills can co-locate up to 10 MW

Automatic enrollment

NJCleanEnergy.com/COMMUNITYSOLAR

Automatic enrollment

- Municipalities would be able to automatically enroll residents to a project they own or partner with in the same utility territory
- The public entity may select residents to enroll, and 80% of the capacity must be LMI.
- Residents must have the opportunity to opt out of subscribing

Remote Net metering

- New Jersey's Remote Net Metering (RNM) market segment under the ADI Program enables public entities, including municipalities, to install solar systems at one location and apply the energy credits to multiple other public entities.
- RNM allows a single solar facility to serve multiple public entities anywhere within the same electric distribution service territory, allowing flexibility in site development rather than being limited to onsite solar.
- The RNM segment receives a fixed incentive level under the ADI Program in the form of SREC-IIs, providing 15 years of revenue certainty. This structure makes solar participation more accessible to public entities with limited capital or siting options.
- RNM has a designated megawatt block within the ADI Program's annual capacity caps, separate from other market segments, ensuring reserved space for public entity projects.
- By reducing long-term electricity costs across multiple facilities, RNM projects can provide meaningful relief to strained municipal budgets by freeing up resources for core services while advancing sustainability goals.

EV Tourism Corridor Charging Program



EV Tourism Corridor Charging Program

*Make Your Destination EV-friendly with **Electric Vehicle Charging Incentives***

Adding EV chargers can attract more customers, increase stay time and boost revenue.

New Jersey's Clean Energy Program is offering substantial incentives for Level 2 and DC fast chargers – exclusively for businesses, hotels, attractions and other destinations located along key travel routes.

The **EV Tourism Corridor Charging Program** awards incentives based on site type and distance from eligible transportation roadways.

Who's Eligible?

- Incentives are available to eligible **businesses, hotels, governments and nonprofits**. Only hotels are qualified for Level 2 charger incentives.
- Hotels must be located **within 3 miles** of a toll route, interstate route, U.S. highway or state highway.
- All other sites must be located **within 1 mile** of an eligible route or highway.



*Learn more about the **EV Tourism Corridor Charging Program***

How Much Can I Save?

- Up to **\$5,000** per Level 2 charger (hotels only)
- Up to **\$50,000** per DC fast charger

Charging sites in Overburdened Municipalities can qualify for a 50% bonus incentive – increasing the total award to **\$7,500 per Level 2 charger** and **\$75,000 per DCFC**.

How Do I Apply?

Step 1

Submit details of your intended equipment purchase.

Step 2

Submit proof of installation – and claim your incentive!

bit.ly/EVTourism



New Jersey's
cleanenergy
program™

CSE-CUNJ-042025

Incentive Amounts

Applicant	Charger Type	Distance Requirement	Max Incentive per Charger	Max # of Chargers
Hotels*	Level 2	≤ 3 miles from corridor	\$5,000 (≤ charger cost)	4*
	DC fast charger	≤ 1 mile (publicly accessible)	\$50,000 (≤ charger cost)	2*
Businesses, Governments, Nonprofits	DC fast charger	≤ 1 mile (publicly accessible)	\$50,000 (≤ charger cost)	2

Note: Incentive caps are per fiscal year.

**Hotels can receive a maximum of 4 incentivized chargers. Up to 2 of those chargers can be DCFCs if the hotel meets the additional distance and publicly accessible requirements.*

Bonus Incentives

Sites within a designated [Overburdened Municipality](#) can qualify for a 50% bonus incentive, bringing the total incentive to:

- \$7,500 per Level 2 charger
- \$75,000 per DC fast charger



A photograph of a modern building with a glass facade and wooden accents. The building has multiple stories with large windows reflecting the sky and surrounding environment. A semi-transparent white banner is overlaid across the middle of the image.

THANK YOU



Let's continue the conversation

Jonathan Gordon
Deputy Director, Clean Energy Equity
Division of Clean Energy
Jonathan.Gordon@bpu.nj.gov

NEW JERSEY'S CLEAN ENERGY ECOSYSTEM

Sustainability Summit
May 9, 2025

A photograph of Governor Phil Murphy, a man with glasses and a suit, smiling and speaking into a microphone at a podium. The image is partially obscured by a dark blue overlay on the right side of the slide.

**“New Jersey is committed to growing
our clean energy sector.”**

- Governor Phil Murphy



A DEEP POLITICAL AND FINANCIAL COMMITMENT TO THE CLEAN ENERGY ECONOMY

**\$7B+ IN DIRECT PUBLIC EXPENDITURES
VIA NJ CLEAN ENERGY PROGRAM SINCE
2001**



UNMATCHED ACCESS TO A PIPELINE OF CURRENT AND FUTURE CLEAN ENERGY CONSUMERS

36 MILLION CONSUMERS WITHIN 150 MILES



HOME TO ESTABLISHED AND GROWING CLEAN ENERGY COMPANIES AND A SUPPORTIVE ECOSYSTEM FOR INNOVATION

6000+ ESTABLISHMENTS IN SECTOR

NJ has long been a leader in Clean Energy

23%+ clean energy
by 2021

The Solar Act



2012

Promotes Offshore
Wind Energy

Executive Order 8



2018

Sets 100% clean
energy commitment

Executive Order 28



Draft energy Master Plan

2019

Energy Master
Plan Update

NJ joins the US Climate
Alliance upholding the
Paris Climate Accord

Clean Energy Act
35% clean energy by 2025
50% clean energy by 2030

NJ announces Partnership to
Plug-In, a first-of-its kind
partnership to register 300,000
electric vehicles by 2025

ABOUT NJEDA

The New Jersey Economic Development Authority (NJEDA) grows the state's economy and increases equitable access to opportunity by supporting high-quality job creation, catalyzing investment, and fostering vibrant, inclusive community development.

CLEAN ENERGY PROGRAM

Under the Murphy Administration, New Jersey has taken bold steps to accelerate our transition to a cleaner future. Committing New Jersey to a path of 100% clean energy and growing the clean energy economy are core priorities for the state.

NJEDA supports the deployment of clean energy technologies in the commercial sector through a variety of incentives. Whether you are looking to replace your fleet with zero emission vehicles, upgrade cooling and heating systems in your office building, or finance the expansion of your clean energy business, NJEDA has the tools to help you transition to a cleaner future. We collaborate closely with other state agencies, including the Board of Public Utilities (BPU), the Department of Environmental Protection (DEP), and the Department of Labor and Workforce Development (LWD) to support a whole-of-government approach to the clean energy sector and emissions reductions.

PRODUCTS

- NJ ZIP
- NJ ZEV
- NJ CELs
- NJ Cool
- New Jersey Green Bank
- Garden State C-PACE
- Offshore Wind Supply Chain Registry
- NJ MVP



A voucher program to support the purchase of medium and heavy-duty commercial vehicles



DOLLAR AMOUNT

- **Supports purchase of** Class 2B to Class 8 vehicles with voucher value ranging from \$15,000 to \$175,000



BENEFITS

- Enables small businesses to transition to cleaner vehicles at a lower cost
- Accelerates the adoption of medium to heavy-duty zero emission vehicles in NJ
- Contributes to lower greenhouse gas emissions in transportation



TARGET APPLICANTS

- Statewide commercial and institutional enterprises
- Bonus funds available for school buses, small-, minority-, woman-, and veteran-owned businesses
- 50% of phase 3 funding set aside for small businesses in overburdened communities



NJ ZEV FINANCING

Low-cost financing to incentivize adoption of commercial medium and heavy-duty zero emission vehicles



DOLLAR AMOUNT

- \$25M program to provide financing for zero emission vehicles
- 5-year loans from \$50,000 to \$500,000 with low interest rates
- Up to 100% of eligible vehicle costs may be covered



BENEFITS

- Designed to complement NJ ZIP vouchers and other grants available in NJ for ZEVs
- Purchaser participation in NJ ZIP is not required to obtain NJ ZEV financing



MORE DETAILS

- \$15M set aside for applicants in overburdened communities
- May be used to purchase one or more vehicles

NJ CELS

NJ CLEAN ENERGY LOANS

\$80M co-lending program to finance clean energy businesses and projects



DOLLAR AMOUNT

- **Loans of** \$250,000 - \$10M; with matching loan from a financial institution required (total loans: \$500,000 - \$20M)
- Terms of 1 to 25 years (match co-lender's term)



BENEFITS

- NJEDA loans at 3% below financial institution's interest rate
- Special terms for minority-, woman-, and veteran-owned businesses & projects in overburdened communities



TARGET APPLICANTS

- NJ businesses with fewer than 750 employees that are seeking to finance a clean energy project that has already been demonstrated in the US or internationally

NJ Cool

Financial assistance for building owners and tenants undertaking retrofit construction projects that reduce operating greenhouse gas emissions from existing buildings in Newark, Edison, and Atlantic City.



DOLLAR AMOUNT

- Grant awards cover 50% of eligible project costs up to a maximum of \$1M per project (with a minimum award amount of \$50,000 per project)



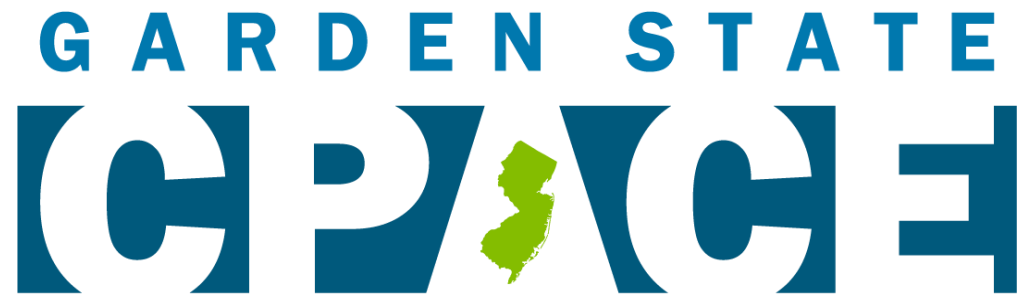
BENEFITS

- Eligible building owners and tenants receive funding for retrofit projects that can:
 - **Reduce** operating greenhouse gas emissions
 - **Improve** indoor and outdoor air quality and occupant comfort
 - **Reduce** energy costs



ELIGIBILITY

- Existing commercial, industrial, and institutional buildings located in Newark, Edison, and Atlantic City are eligible for the initial pilot.
- Eligible applicants may own or lease the building
- If building is leased, Applicant must provide owner approval



Commercial Property Assessed Clean Energy

Allows qualifying property owners to access financing to undertake energy efficiency, renewable energy, water conservation, and resiliency improvements on their buildings.



OVERVIEW

- Enables owners to borrow against the increased property value from energy efficiency improvements
- Loans repaid as part of property taxes through a special assessment
- Low interest rates and longer-term financing (up to 30 years)



BENEFITS

- Increase ratables for municipalities
- Increase local energy generation
- Reduce GHG emissions
- Boost local economic development



MORE DETAILS

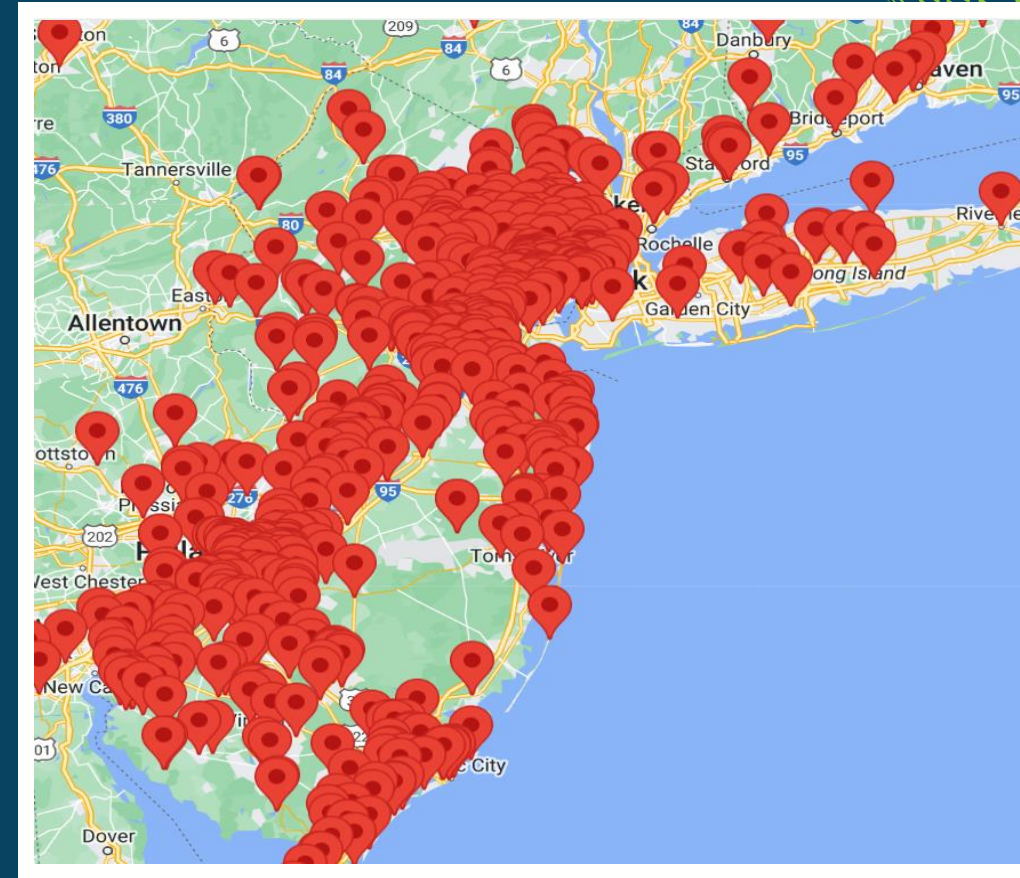
- Prospective Garden State C-PACE participants are invited to complete a Project Indication of Interest Form and submit it to [**gardenstatecpace@njeda.gov**](mailto:gardenstatecpace@njeda.gov).

NJ Offshore Wind Supply Chain Registry

The NJ Offshore Wind Supply Chain Registry is a free, searchable registry for companies to publicly indicate their interest and ability to supply components and services for offshore wind projects and receive special invitations to offshore wind events and resources

- ✓ A resource for companies looking to buy from and partner with NJ-based firms
- ✓ 1,000+ businesses have joined New Jersey's registry to date
- ✓ Connects to the Oceantic Network's national supply chain registry

Register to find New Jersey companies at: <https://www.njeda.com/offshorewind/>



NEW JERSEY GREEN BANK (NJGB)

Approved on April 10, 2024, the NJGB is a subsidiary of NJEDA providing financial support to accelerate progress towards the State's climate goals. Designed to mobilize capital in areas related to NJ's climate targets, such as transportation, buildings, and generation/storage (among others). Initial capitalization funding includes \$40M FY23 State appropriation.



New Jersey Green Bank (NJGB) Overview

The New Jersey Green Bank (NJGB) aims to use climate-related investments and financial assistance to mobilize private capital to create good paying jobs statewide, advance NJ's climate goals, and facilitate an equitable energy transition.

What do we invest in?



Renewable energy generation, including transmission, interconnection, and associated site remediation



Electric Battery Storage



Building Retrofits & New Net Zero Buildings



Zero-Emission Vehicles (ZEVs), ZEV Charging or Fueling Infrastructure

Financial Products

New Jersey Green Bank can support clean energy projects throughout the State by offering:



Loans (including senior, subordinate, and mezzanine debt)



Credit Enhancements (such as first-loss guarantees)



Equity Investments

NJGB Offering

Financing Need

(borrower proposed)

Up to 80% of
a project's
cost

\$1-20M
transaction
size

Loan Term

(borrower proposed)

Up to 10 years

Desired Transaction Type

(borrower proposed)

Senior Debt

Subordinate
Debt

Mezzanine
Financing

Eligible Borrowers

Private, For-Profit
Entities

Non-profit Entities

Academic Institutions

Municipalities and
Counties

Municipal, county,
regional or state
redevelopment
agencies/independent
authorities

NJGB Debt Financing Minimum Investment Criteria

Proposed projects (or portfolios of projects) must:

- Be located in New Jersey
- Reduce or avoid GHG emissions and reduce or avoid emissions of other air pollutants
- Utilize only proven technologies (deployed for commercial purposes at least 3 times for a period of at least 5 years in the United States)
- Have a minimum debt service coverage ratio of one (1.0)
- Have an equity commitment from a Sponsor
- Have all construction work done in accordance with NJ Prevailing Wage requirements

Disclaimer: Information shared on this slide is for informational purposes only and should not be considered an exhaustive list of what is needed for NJGB to perform its due diligence

NJGB Debt Financing Application Process

Expression of Interest

Application

Information collected to discuss eligibility and begin collaboration.

- Contact Information
- Executive Project Summary:
 - Team composition, project overview and location
 - Technology overview, benefits to New Jersey
 - Proposed transaction details, proposed cap table, use of funds
- Pro Forma Financial Model and proposed NJGB participation

Information collected to perform credit and underwriting review

- Organization Information, Experience
- Offtake Agreements
- O&M Contracts
- Pledged Collateral
- Installed Capacity
- Useful Life of Assets
- Projected Emissions Reductions

Information collected to perform legal and sister agency reviews.

- Legal Questionnaire
- Formation Documents
- NJ State Tax ID
- Federal Employer Identification Number (FEIN)
- Tax Clearance Certificate
- Prevailing Wage and Affirmative Action Disclaimer

Questions?

Visit our Website
greenbanknj.gov

Email us at
info@greenbanknj.gov

NJGB team direct contact
kerry.mcneilly@greenbanknj.gov
ryan.klaus@greenbanknj.gov

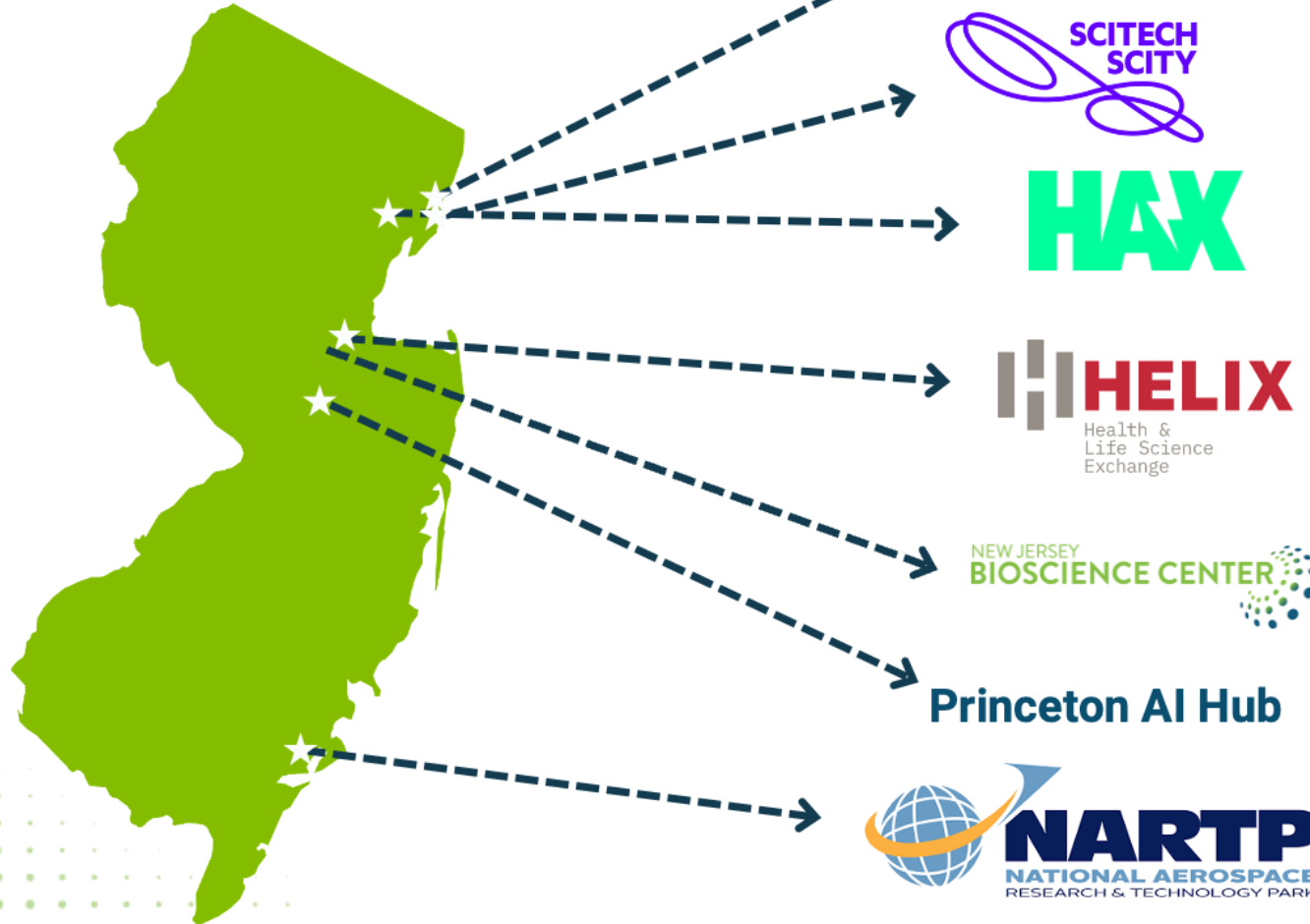


STRATEGIC INNOVATION CENTERS (SICS)

Strategic Innovation Centers (SIC) are facilities that either directly support research and development (R&D), innovation, or entrepreneurship or are aimed at solving specific problems in new and innovative ways through a combination of services such as mentorship, networking opportunities, hands-on training, business support services, education opportunities, and/or access to testing, fabrication, or manufacturing facilities and equipment. NJEDA equity investment up to \$25 million per SIC.

\$250 million allocated for SICs.

ANNOUNCED SICs



A FinTech/InsurTech accelerator located in
Hoboken, NJ.
NJEDA commitment: **\$17.5M**

An 8-story digital health center in
Jersey City, NJ.
NJEDA commitment: **\$20M**

A decarbonization accelerator in Newark, NJ
focused on hardware.
NJEDA commitment: **\$25M**

A 12-story, 536K square feet Life Science
Innovation Center in New Brunswick, NJ.
NJEDA commitment: **\$10M**

50,000 sq. ft. biotech incubator facility with
step-out labs in North Brunswick, NJ.

An Artificial Intelligence (AI) Hub at
Princeton University.
NJEDA commitment: **\$25M**

An Aerospace Innovation Center in Egg
Harbor Township, NJ.
NJEDA commitment: **\$8M**

CLEAN ENERGY WORKFORCE DEVELOPMENT GREEN WORKFORCE TRAINING GRANT CHALLENGE

Over \$4.3M in awards announced

1

Elizabeth Development Company of New Jersey

\$500,000 to provide hands-on solar energy training leading to NABCEP Photovoltaic Associate and OSHA 30-Hour certifications. The training will take place in Elizabeth and Jersey City.

2

Ideal Education, a NJ Nonprofit Corporation

\$1,500,000 to provide training for individuals to become certified NJ Clean Energy Program Installers and Weatherization and Energy Auditors. The training will take place in Pleasantville.

3

New Jersey Environmental Justice Alliance

\$1,373,000 to provide training on building systems, weatherization, and HVAC, leading to BPI Building Science Principles, EPA Section 608 Techn, and 40-Hour Site Safety certifications. Hybrid training with in-person portion in Newark.






4

Hugo Neu Realty Management, LLC

\$976,987 to provide training leading to Green Stormwater Infrastructure Certification and Electric Vehicle Infrastructure Training Program Certification. Hybrid training with in-person portion in Kearny.

CLEAN ENERGY WORKFORCE DEVELOPMENT

OFFSHORE WIND WORKFORCE INITIATIVES

	INITIATIVE	DETAILS	PARTNERS
	WIND INSTITUTE FELLOWSHIP PROGRAM	Provide NJ undergrad and grad students with opportunity to conduct paid, independent research in offshore wind over an academic year	Montclair State University; New Jersey Institute of Technology; Princeton University; Rowan University; Rutgers University; Seton Hall University; Stevens Institute of Technology; Stockton University
	OFFSHORE WIND WORKFORCE GRANTS	\$3.725 million in competitive grants awarded to five organizations to offer training for welding, mechatronics, carpentry, construction, and other fields	Apex Solutions Foundation; Eastern Atlantic States Carpenters Technical College; Ivy Hill Neighborhood Association; Mid-Atlantic State Career and Education Center; NJ Environmental Justice Alliance
	WELDING & PAINTING TRAININGS	Over \$582k in funding provided to four vocational-technical schools and community colleges to upgrade facilities and expand welding and painting trainings	Camden County College; Camden County Technical School; Gloucester County Institute of Technology; Salem County Vocational Technical School
	WIND TURBINE TECH PROGRAMS	\$807k competitive grant to offer wind turbine tech training and higher-education programming, including an academic certificate and associate's degree	Rowan College of South Jersey
	GLOBAL WIND ORGANISATION TRAINING	\$3 Million competitive grant to develop Global Wind Organisation-certified facility to offer safety training	Atlantic Cape Community College

OFFSHORE WIND WORKFORCE ECOSYSTEM

WIND INSTITUTE FELLOWSHIP



WIND TURBINE TECH TRAINING



WELDING & PAINTING TRAINING



WORKFORCE GRANTS



OFFSHORE TESTBED



GWO TRAINING



Montclair State University
NJ Environmental Justice Alliance
Ivy Hill Neighborhood Association
Seton Hall University
Stevens Institute of Technology
Apex Solutions Foundation
Rutgers University
Princeton University
Monmouth University
Gloucester Institute of Technology
Camden County College
Camden County Technical School
Rowan College of South Jersey
Mid-Atlantic States Career and Education Center
Eastern Atlantic States Carpenters Technical College
Rowan University
Salem County Vocational Technical School
Stockton University
Atlantic Cape Community College
Rutgers Marine Field Station
LEO-15 Test Site
Stockton Marine Field Station



Clean Energy Team



Dan Fatton
Director



Ahmed Chaudry
Manager



Sean Sonnemann
Manager



Andy Garcia
Product Officer



Lloyd Lomelino
Product Officer



Jessica Parineet
Analyst



Lina Rivetti
Product officer



Cassie Havens
Analyst



Sebastian Gunbeyi
Analyst



Max Frank
Sr Product Officer

NJEDA Clean Energy Communications



NJEDA Clean Energy Newsletter
Sign-up Form

- ✓ Visit our website:
[Clean Energy – NJEDA](https://www.njeda.gov/clean-energy)
- ✓ General questions:
cleanenergy@njeda.gov
- ✓ Get in touch directly:
dan.fatton@njeda.gov

NJEDA



@NewJerseyEDA



WWW.NJEDA.GOV

Sustainable Jersey Summit

NJDOT Updates

May 9, 2025



Frank Neary
Director
Safety Programs and Transportation Data

Discussion Topics

- NJDOT “Way of Life”
- Strategic Planning
- Complete Streets
- Decision-Making
- HSIP Program
- Target Zero Commission



*Data Driven, Safety Focused,
Toward Zero*

Safety

→ Ensures all road users are protected from death or serious injury

Accessibility

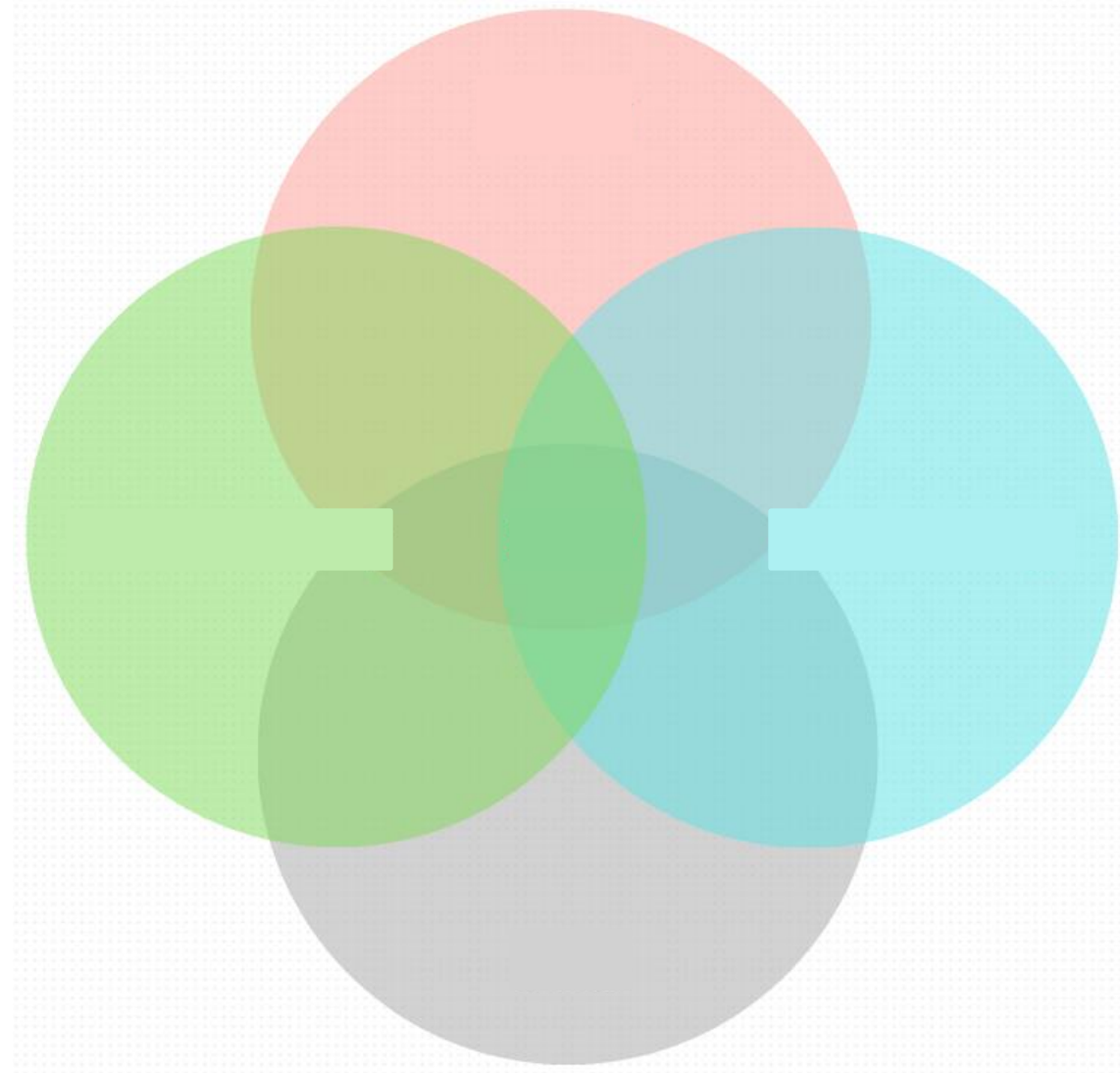
→ Ensures that everyone, regardless of ability, can navigate our world

Sustainability

→ Ensures safety and accessibility into the future

Data

→ Ensures systems are working, nobody is left behind, and identifies how we can do better.



ZERO is what we all strive for!

NJDOT “Way of Life”



The Safe System Approach is a paradigm shift to:

- improve safety culture
- increase collaboration
- refocus transportation design and operation to:
 - anticipate human mistakes
 - reduce impact forces
 - reduce crash severity
 - save lives.

Traditional approach

Prevent crashes →
Improve human behavior →
Control speeding →
Individuals are responsible →
React based on crash history →

Safe System approach

Strategic Highway Safety Plan



NEW JERSEY

2020 Strategic Highway Safety Plan



August 2020



Goals, objectives, performance measures, and emphasis areas to guide safety programs and investments:

- Data-Driven
- Stakeholders
- ALL Public Roads
- Special Rules

2025 SHSP will refocus around strategies that will be most effective in reducing fatalities and serious injuries. Strategies will be:

- Focused
- Actionable
- Collaborative

Complete Streets in New Jersey

State Policy	1
County Policies	8
Municipal Policies	182

as of April 2025

Extra point on NJDOT grant applications!

A **Complete Street** is a road designed and operated to safely and comfortably serve all users — not just cars, but also pedestrians, bicyclists, transit riders, and people of all ages and abilities.

Key features often include things like:

- Sidewalks
- Bike lanes or protected bike paths
- Safe crosswalks
- Accessible public transportation stops
- Traffic calming measures

The idea is to make streets safer, healthier, and more livable for everyone, not just for drivers.

2009 policy

*** NEW 2024 policy ***

www.state.nj.us/transportation/eng/completestreets/

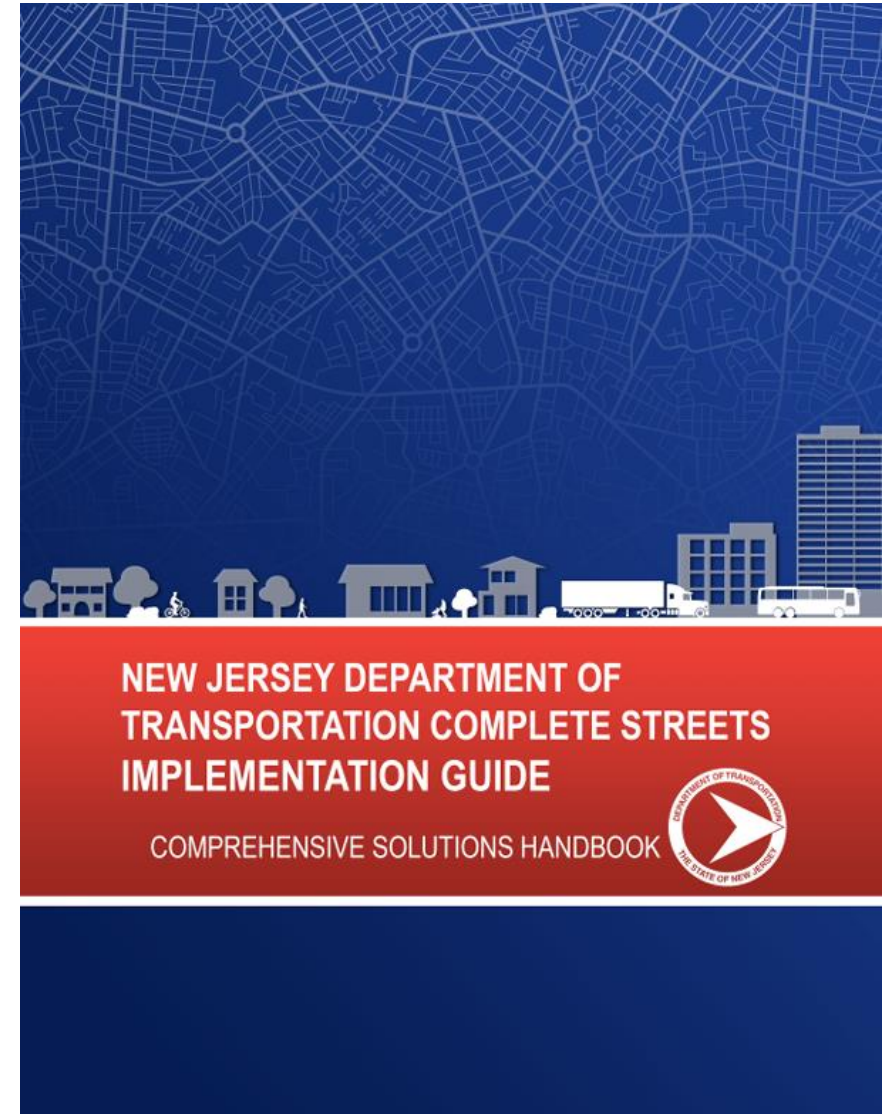
njbikeped.org/nj-complete-streets-policy-compilation/

NJDOT Complete Streets Policy

“Integrates planning, design, construction, maintenance, and operation of all new, rehabilitated, and retrofitted transportation facilities, public highways, and public transportation projects funded or administered by NJDOT.”

The key components of the new policy:

- Comprehensive Solutions Handbook
- Standard Operating Procedure
- Exemption Criteria
- Checklists for Limited and Full Scope Projects



Highway Safety Improvement Program

Purpose:

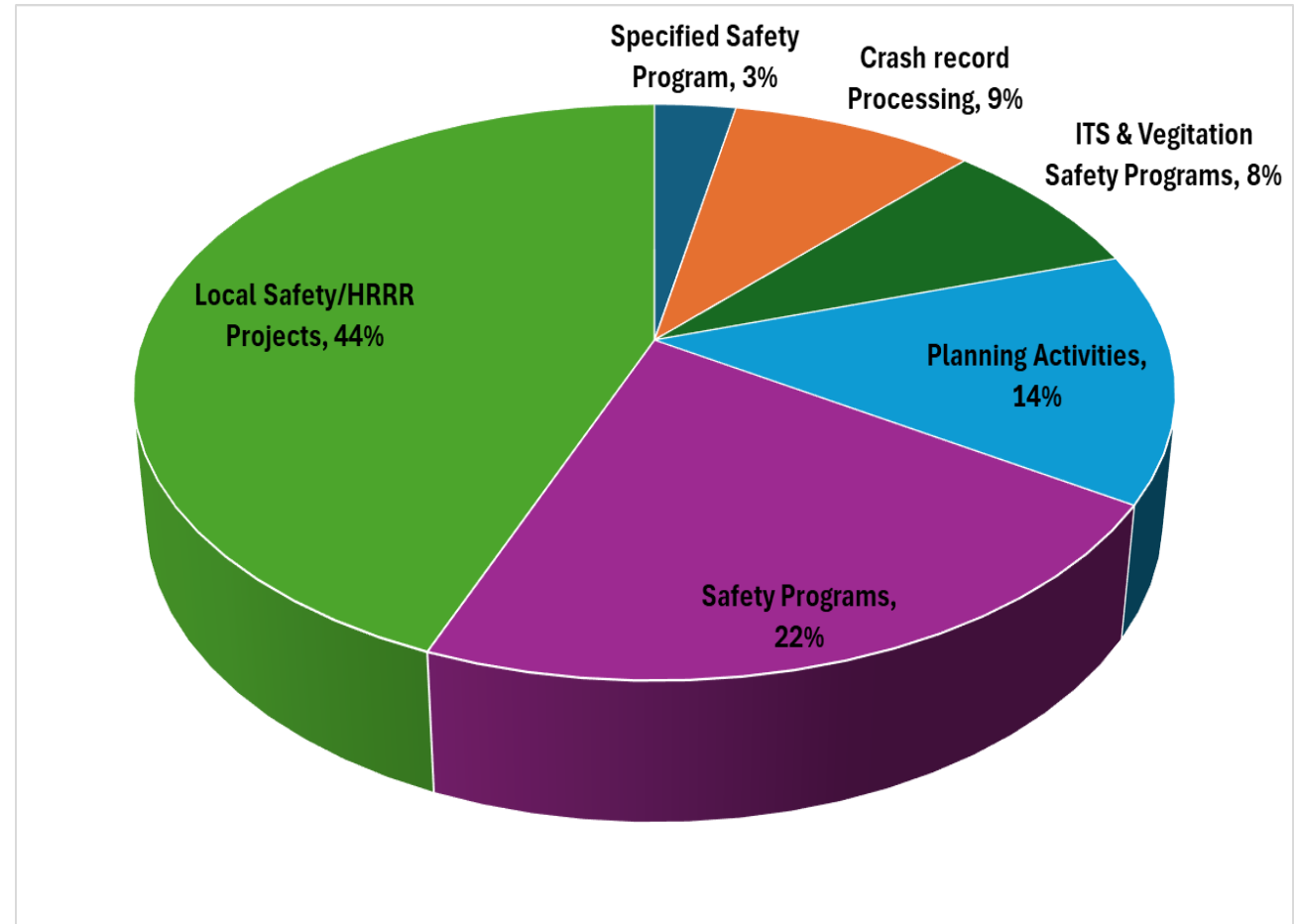
- To reduce FSI crashes on all public roads.
- It corresponds directly to:
 - Strategic Highway Safety Plan
 - Safe System Approach

Approximate allocation:

- ~\$75M annually

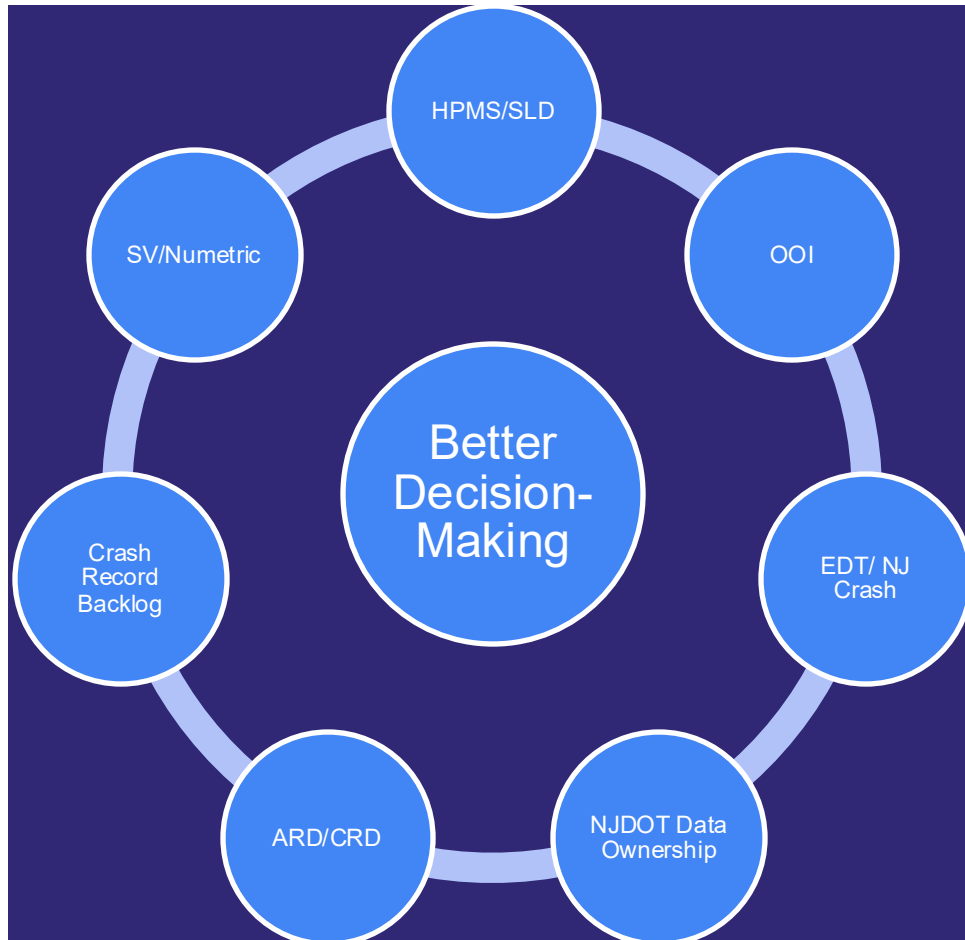
HSIP in the Project Delivery Process:

- Capital Projects/Hot Spot Program
- Systemic Safety Program
- Systematic Safety Program
- Other Projects and Programs
 - Example: Local Safety Program – Through MPOs and NJDOT as a competitive program.



← ← ← Priority is on project outcomes,
and that requires project DELIVERY!

Data-Driven Decision-Making



Better Data → Data-Driven Decisions

- Crash Records Backlog
- ARD → CRD
- MVC → NJDOT ownership
- EDT & NJ Crash
- Safety Voyager → Numetric
- HPMS/SLD/Video Log/Photo Books
- OOI

NJ Target Zero Commission

- 13-member commission tasked with eliminating traffic deaths and serious injuries on New Jersey's public roadways by 2040.
- Aligns with the Safe System Approach.

Required deliverables:

- Action plan to get to zero by 2040
- Strategies, goals, and target dates
- Publicly accessible traffic safety data portal
- Advancement of active transportation and mass transit
- Recommend changes to state, county, and municipal laws to achieve TZC goals
- Assistance to local governments in developing their own Target Zero plans
- Report annually to the Governor and Legislature on findings and activities

Summary of Internal, Public, and Working Group Meetings

	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Internal Commission Meeting	X									
Public Commission Meeting							X		X	
Working Group Meeting	X	X	X	X	X	X				



Deadlines:

Law: March 1, 2026

NJDOT: EOY 2025!

NJDOT Resources

NEW JERSEY Safe Routes



saferoutesnj.org



vtc.rutgers.edu/new-jersey-bicycle-pedestrian-resource-center/





njdotlocalaidrc.com

Question


OFFICIAL SITE OF THE STATE OF NEW JERSEY


Governor Phil Murphy • Lt. Governor Tahesha Way
NJ.gov | Services | Agencies | FAQs | Translate | Search Q

 Department of Transportation

NJDOT  About NJDOT ▾ NJCommuter ▾ Community Programs ▾ In the Works ▾ Engineering ▾ Capital Program ▾ Multimodal/Freight ▾ Doing Business ▾ References ▾ Careers Home ▾

ABOUT - HOME
CONTACT Us (NJDOT)
ASSET MANAGEMENT
COMMISSIONER OF TRANSPORTATION
COMMITMENT TO COMMUNITIES
DIRECTIONS
DIRECTORY
EMPLOYMENT OPPORTUNITIES
EXECUTIVE STAFF
HIGHWAY SAFETY
INSPECTOR GENERAL
MISSION STATEMENT
ORGANIZATION CHART
NEWS RELEASES
NJDOT 50TH ANNIVERSARY
PUBLICATIONS
STATUTORY AUTHORITY/RULES & REGULATIONS
VIDEOS, YouTube
WINTER READINESS
STORMWATER MANAGEMENT TRAINING VIDEOS





NOTICE

Thank you

Frank Neary

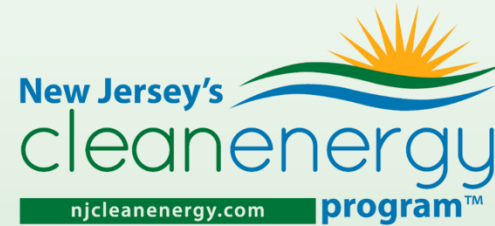
Director

Division of Safety Programs & Transportation Data

Phone: 609-963-2080



Program Underwriters



Corporate Sponsors





2025 NEW JERSEY SUSTAINABILITY SUMMIT