



CLEAN ENERGY



## QUARTERLY NEWSLETTER

March 2025 | Edition 2

New Jersey remains steadfast in its commitment to its clean energy goals and communities, businesses, and residents across the state are working on transformative projects to help combat the effects of climate change. In fact, New Jersey has already reached several important milestones:

- New Jersey has installed **5MW of solar power**
- New Jersey surpassed **200,000 registrations of electric vehicles**
- More than **1,000 companies** have signed up for the **NJ Offshore Wind Supply Chain Registry**

The New Jersey Economic Development Authority (NJEDA) is focused on helping New Jersey businesses develop clean energy. The NJEDA has a variety of **financing and incentive programs**, which can help your business grow. Please let us know if you want to connect about a specific initiative or need more information.

### NJEDA Product Spotlight



### GARDEN STATE C-PACE BUILDING CONSTRUCTION FINANCING

The Garden State Commercial Property Assessed Clean Energy (C-PACE) Program is a financing mechanism to facilitate energy efficiency, renewable energy, water conservation, and resiliency improvements for commercial buildings. Lower-interest, longer-term project financing is repaid through a property assessment. Repayment is allocated via a special assessment. The municipality opt-in process is currently live. Email [gardenstatepace@njeda.gov](mailto:gardenstatepace@njeda.gov) for more details.

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## NJ Clean Energy Company Corner



The NJEDA has approved the first projects under the NJ Cool pilot program, advancing efforts to reduce greenhouse gas emissions and promote energy efficiency in New Jersey.

**Edison 27 Investors LLC** will replace six rooftop HVAC units with efficient electric systems and upgrade system controls at a multi-tenant office building at 2147 Route 27 in Edison, with a \$1,000,000 grant.

**Samarpan** at Edison LLC was awarded a NJ Cool grant of \$135,220 to install two air-source heat pumps, replace the HVAC system, and upgrade lighting to LEDs at a Dunkin' franchise at 4901 Route 1 in Edison, NJ.

**Samp Spirits II Inc.**, the owners of Harvest Wines & Spirits in Edison, was awarded over \$200,000 in grant funding to replace the store's existing natural gas fired rooftop HVAC unit with a new air-source heat pump and auxiliary gas burner, as well as install solar photovoltaic panels, upgrade the interior and exterior lighting to energy-efficient LED lighting, and replace the roof with improved thermal insulation.

**153 Halsey Newark, LLC** was awarded two grants through NJ Cool totaling \$2 million for projects at two commercial condominium units they own in Newark. The grants will be used to replace existing natural gas boilers in the building with an electric Variable Refrigerant Flow (VRF) system, as well as make energy-efficient lighting upgrades.

The above projects will transition from fossil fuel combustion-based heating systems to non-combustion alternatives, among other sustainability improvements, resulting in improved energy efficiency and reduced on-site greenhouse gas and co-pollutant emissions.

Applications for NJ Cool are currently open and are being accepted on a first-come, first-served basis. For more information on the program, including full application requirements and eligible projects, please visit <https://www.njeda.gov/njcool/> or email [njcool@njeda.gov](mailto:njcool@njeda.gov).

## Clean Energy Updates



The NJEDA Board approved two programs aimed at putting more zero emissions vehicles on roads across the state. Together, Phase III of the **New Jersey Zero Emission Incentive Program** (NJ ZIP) and the **New Jersey Zero Emission Vehicle Financing Program** (NJ ZEV), aim to accelerate the adoption and use of commercial zero-emission medium and heavy-duty vehicles within the state, while reducing harmful emissions.

The Board approved Phase III of NJ ZIP, which will provide vouchers to businesses and

institutional organizations to offset the cost of purchasing new, zero emission medium and heavy-duty vehicles. The size of vouchers awarded through Phase III, which is funded at \$75 million, will vary depending on the class of vehicle being purchased, from a minimum of \$15,000 for Class 2b vehicles to \$175,000 for Class 8 vehicles. Bonuses will be available for school busses, small businesses; women-, minority-, and veteran-owned businesses. Additionally, 50 percent of funds will be set aside for applications from small businesses in Overburdened Communities (OBCs).

The Board also approved a new, \$25 million program known as the NJ ZEV Financing Program, which is a loan program to support businesses adopting medium and heavy-duty zero emission vehicles. The program complements NJ ZIP by offering financing for vehicle costs that may not be met by NJ ZIP vouchers or other available grant funding resources. Loans will also be available through the program for business not utilizing the NJ ZIP program. NJ ZEV will offer low-interest rate loans ranging from \$50,000 to \$500,000 for the purchase of one or more eligible vehicles. For more information on the program and for eligibility requirements, click the link below.

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The New Jersey Green Bank Board recently approved the Bank's first pilot debt product that can provide debt financing for clean energy projects statewide. To learn more about eligibility and to submit an Expression of Interest form, please visit [www.greenbanknj.gov](http://www.greenbanknj.gov).

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**CLEAN TECH RESEARCH AND DEVELOPMENT (R&D) VOUCHER  
PROGRAM**

The Round 2 Clean Tech R&D Voucher Program is intended to support early-stage clean tech/clean energy companies in NJ to access core facilities, equipment and makerspaces at any participating NJ University Facility or Government labs for clean energy/clean technological research and development. Eligible applicants can apply for multiple Vouchers up to a cap of \$25,000 within any twelve (12)-month period. Applications for the Clean Tech R&D Voucher Program are currently open.

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The NJEDA is a finalist in two categories for the [2025 Ventus Awards](#)! The Ventus Awards are Oceanic Network's highest level of professional recognition, celebrating the trailblazing people, companies, organizations, and work worldwide ushering in the global adoption of offshore wind and other ocean renewables.

**Finalist | Supply Chain Advancement - Public Sector:**  
[offshorewindtraining.org](http://offshorewindtraining.org)

NYSERDA and NJEDA partnered to create [OffshoreWindTraining.org](http://OffshoreWindTraining.org), a ground-breaking project designed to help build a robust offshore wind workforce and domestic supply chain in New York and New Jersey. The site provides two powerful tools: a Career Pathways Flowchart to help job seekers understand the career opportunities available in the offshore wind industry and a Training Locations Map to help job seekers find relevant training opportunities close to them. Building a strong workforce is critical the U.S. meeting its ambitious offshore wind goals, yet it is not always clear how new or transitioning workers can enter the industry. NYSERDA heard from industry stakeholders that job titles were confusing and prospective workers did not know what skills, training, and credentials they needed to get a job in offshore wind. Responding to these needs, NYSERDA and NJEDA partnered to build a one-stop-shop to help people learn how to enter the industry.

**Finalist | Talent Management Leadership: The Wind Institute Fellowship Program**

The Wind Institute Fellowship Program directly invests in building the next generation of offshore wind (OSW) leaders. The program is designed to encourage and support interdisciplinary student research in topics that further the development of OSW and nurture thought leadership in the industry and the state. Undergraduate, masters and Ph.D students are provided the opportunity to conduct paid, independent OSW research under the advisement of faculty members at their home university over an academic year. In addition to receiving stipends for their research, students attend monthly cohort meetings organized by NJEDA that allow students to gain additional industry knowledge and the opportunity to build connections with other Fellows across universities and disciplines. At the end of the Fellowship, students present their research findings to industry members, academic institutions, and community stakeholders at the annual Wind Institute Research Symposium hosted by NJEDA.

Winners will be announced in May 2025, during the week of [IPF](#).

## Funding and Support Opportunities





## MURPHY ADMINISTRATION ANNOUNCES AVAILABILITY OF \$35 MILLION FOR LOCAL GOVERNMENT VEHICLE ELECTRIFICATION PROJECTS

The Murphy Administration announced the availability of \$35 million in grants to help local governments electrify their shuttle, school bus and truck fleets to protect public health and the environment, leveraging proceeds from New Jersey's participation in the Regional Greenhouse Gas Initiative (RGGI).

For more information on the state's initiatives and ongoing projects, visit [www.drivegreen.nj.gov](http://www.drivegreen.nj.gov) and [www.stopthesoot.org](http://www.stopthesoot.org).

[Read the News Release](#)

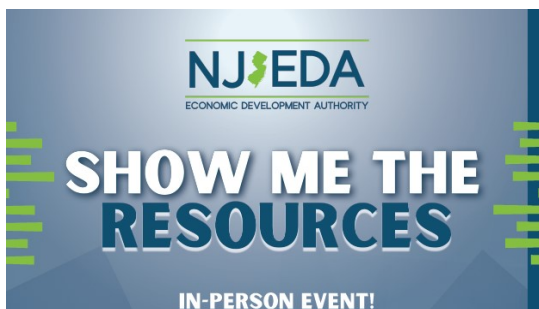
### NJDEP: NJ Fleet Advisor Fleet Electrification Assistance

Are you a private, non-profit, or public fleet operating in New Jersey interested in learning how to transition your vehicles to zero-emission? Apply today to New Jersey Fleet Advisor to receive a FREE personalized Fleet Electrification Roadmap! **Deadline is rolling!**

[Apply Today](#)



## Featured Event: NJEDA Resource Fair



On January 28, 2025, the NJEDA hosted an in-person Resource Fair at Kean University in Union, NJ. Here, NJEDA's sector leads met face-to-face with New Jersey's business community to showcase the exciting products and opportunities available support small business success. Our Clean Energy team was in attendance to connect with small business owners interested in learning how NJEDA can help make their business greener with a variety of clean energy products featured on [our website](#).

Show Me the Resources is a series of resource fairs the NJEDA hosts throughout the year. Follow the NJEDA on social media to learn when and where the next event will be hosted.

## Upcoming Events



### 2025 Cleantech Open Northeast New Jersey Kickoff Party

March 19, 2025 in Newark, NJ

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### New Jersey Climate Change Resource Center Conference

March 21, 2025 in Piscataway, NJ

[Learn More](#)



### CHARG EVC: Electric Vehicle Expo & Conference

April 10-13, 2025 in East Rutherford, NJ

[Learn More](#)

## Registration Open!



Registration is now open for the 3rd New York & New Jersey Offshore Wind Supplier Forum on **Friday, April 25, 2025, in New York City.**

Click the link below to RSVP. Room reservations are also available.

[Supplier Forum RSVP](#)



**Interested in learning how your business can get involved with the New Jersey offshore wind supply chain?** The New Jersey Offshore Wind Supply Chain Registry allows companies to publicly indicate their interest and ability to supply components and services for US East Coast offshore wind projects. Join today, over 1,000 companies already have!

[Join for Free Today](#)

## News Highlights

### New Jersey Hits Electric Vehicle Milepost, Exceeding 200,000 Registrations

New Jersey has reached a significant milestone by surpassing 200,000 electric vehicle registrations, demonstrating increasing consumer confidence in these vehicles and the availability of charging infrastructure, as well as the success of policies implemented by Governor Phil Murphy.

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### CSIT Awards over \$2.7M to Support Clean Energy Startups with Demonstration Projects

The New Jersey Commission on Science, Innovation and Technology (CSIT) awarded over \$2.7 million in grant funding to 11 New Jersey

### Murphy Administration Celebrates 5 Gigawatt Solar Energy Milestone – More Than Doubling Solar Energy Output Since 2017

The Murphy Administration today celebrated a major milestone in its clean energy transition. In December 2024, the state achieved 5 gigawatts (GW) of installed solar capacity, more than doubling its solar energy output since 2017.

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### N.J. just hit 200K electric cars registered. How far is state from goals?

The governor has previously said New Jersey aimed to reach 330,000 electric vehicles on the road by 2025.

startups under Round Two of the Pilot Clean Tech Demonstration Grant Program.

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### **Thea Energy, a fusion tech company, opens new HQ in Kearny - with aim of doubling its workforce**

Thea Energy, a fusion technology company and spinout of the Princeton Plasma Physics Laboratory and Princeton University, has opened a new headquarters in Kearny - and announced plans to double its workforce because of it. The 15,000-square-foot space, located within Hugo Neu Corporation's Kearny Point campus, was designed and built specifically for the company's work.

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### **LeFrak Completes Largest High-Rise Multifamily Solar Panel Installation In New Jersey**

New York-based real estate developer LeFrak today completed the largest solar panel installation on a high-rise multifamily residential building in New Jersey

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### **NJDEP Grants Historic Solar Recycling Permit To Phillipsburg's Commercial Facility**

Learn about the significant achievement by NJDEP in granting the

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### **LPO Announces Conditional Commitment to Jersey Central Power & Light to Upgrade Transmission, Saving Ratepayers Millions of Dollars**

JCP&L will upgrade transmission infrastructure in New Jersey, allowing thousands of megawatts of power to be added to the grid.

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### **PSE&G Installs More Than 2 Million Smart Meters**

PSE&G reached a key milestone by installing more than 2 million smart meters as part of its Smart Meter Program aimed at enhancing customer insights and supporting faster outage recovery. Through this multi-year effort, PSE&G replaced the existing electric meters with new smart meters for both residential and business customers.

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### **NJ holds off on approving new offshore wind projects after bidders drop out**

New Jersey's offshore wind industry continues losing steam as companies



first-ever permit for solar panel recycling in New Jersey.

drop out and Trump halts federal permitting.

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