




## Concerns and solutions people have in New Jersey about Clean Energy



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NJEDA

### 1. New Jersey Clean Energy Program (NJCEP)

- This is the state's flagship program for promoting clean energy initiatives. It offers a variety of incentives, rebates, and programs for renewable energy (solar, wind, geothermal), energy efficiency, and electric vehicle adoption. Key programs include:

- Residential Energy Efficiency Rebates: Incentives for homeowners to install energy-efficient appliances.

- Commercial Clean Energy Programs: Grants and rebates for businesses adopting energy-efficient technologies.

- Community Solar Pilot Program: Allows residents to access the benefits of solar energy without installing panels on their property.

### 2. New Jersey Board of Public Utilities (NJBPU)

- The NJBPU oversees the NJ Clean Energy Program and ensures the state meets its clean energy targets. The board also regulates utility companies and implements policies that support renewable energy projects, like offshore wind and solar energy expansion.





### **3. New Jersey Economic Development Authority (NJEDA)**

- NJEDA offers financing programs and resources to support clean energy startups and businesses. The Clean Energy Manufacturing Fund provides grants and loans to businesses that manufacture clean energy products.

### **4. Sustainable Jersey**

- A nonprofit organization that provides resources, technical assistance, and certification for municipalities, schools, and businesses pursuing sustainability initiatives, including clean energy projects.

### **5. Rutgers University Center for Green Building**

- Rutgers offers research, tools, and educational programs on green building practices, energy efficiency, and renewable energy technologies. It serves as a knowledge hub for sustainable development and clean energy practices.

### **6. New Jersey Solar Renewable Energy Certificates (SREC) Program**

- This program encourages the adoption of solar energy by offering financial incentives in the form of Solar Renewable Energy Certificates (SRECs), which can be sold to utilities to meet the state's renewable energy requirements.

### **7. Offshore Wind Resources**

- New Jersey is actively developing offshore wind farms, with the goal of producing 7,500 megawatts of offshore wind energy by 2035.

- Key Project: Ørsted's Ocean Wind Project.





## **8. New Jersey Energy Master Plan (EMP)**

- This is the state's strategic blueprint to transition to 100% clean energy by 2050, addressing renewable energy expansion, electrification, energy storage, and grid modernization.

## **9. Public Utilities Solar Incentives**

- Many utility companies in New Jersey offer specific incentives and programs for customers to switch to solar energy or adopt energy-saving technologies.

These resources provide a strong foundation for anyone in New Jersey interested in clean energy, from homeowners looking for solar incentives to businesses aiming to reduce their carbon footprint.

**Offshore Wind Energy:** New Jersey approved two major offshore wind projects by Invenergy and Attentive Energy. These projects are part of the state's broader push to increase renewable energy production. While they promise to reduce reliance on fossil fuels, some critics have raised concerns about rising electricity rates and potential impacts on marine life. However, the state is committed to these projects, aiming to support both the environment and the local economy, with Invenergy pledging \$94 million to help reduce energy costs for low-income households. [WHYY](#)

[New Jersey Business Magazine](#)

**Energy Efficiency Initiatives:** Federal funding is playing a key role in enhancing energy efficiency in public buildings across New Jersey. Under the Bipartisan Infrastructure Law, \$2.4 million has been allocated to upgrade government buildings, schools, hospitals, and other public facilities. This initiative is expected to reduce energy costs, create jobs, and contribute to cleaner air. [New Jersey Business Magazine](#)





**Electric Vehicle Infrastructure:** New Jersey has set ambitious targets for EV infrastructure. By 2025, at least 1,000 public EV chargers will be available, and 15% of multi-family residences will be equipped with charging stations. Additionally, 20% of overnight lodging establishments are required to install chargers by 2025. The state is also promoting the adoption of zero-emission buses and has introduced several incentive programs to support EV purchases. [NJ State Website](#)

These efforts align with Governor Murphy's broader climate goals, including reducing greenhouse gas emissions and transitioning to a clean energy economy by 2035.

In 2024, New Jersey is pushing forward with several key clean energy developments across various sectors, solidifying its position as a leader in the U.S. clean energy transition.

**Offshore Wind Projects:** New Jersey's commitment to offshore wind energy continues with the approval of two large-scale projects by Invenergy and Attentive Energy. These projects are part of the state's aggressive strategy to meet its clean energy goals. However, the higher costs associated with clean energy have led to concerns from critics, particularly regarding rising energy prices and potential environmental impacts. Despite this, the state government maintains that offshore wind is crucial to the state's clean energy future and has emphasized strict oversight to protect ratepayers from unforeseen costs. [WHYY](#) [New Jersey Business Magazine](#)

**Energy Efficiency Boost:** In August 2024, New Jersey received \$2.4 million in federal funding through the Bipartisan Infrastructure Law to enhance energy efficiency in public buildings, such as schools, hospitals, and government offices. This funding supports New Jersey's efforts to modernize its public infrastructure, reduce energy costs, and drive local economic growth through job creation. The state's energy office will manage this program, which will help reduce greenhouse gas emissions while making public buildings more sustainable. [New Jersey Business Magazine](#)





**Electric Vehicle Expansion:** New Jersey is also focusing heavily on the expansion of electric vehicle (EV) infrastructure and adoption. The state has ambitious goals to install 1,000 public EV charging stations by 2025, equip 15% of multi-family residences with chargers, and ensure 20% of hotels offer charging stations. Additionally, New Jersey plans to increase the number of zero-emission buses, with 10% of new bus purchases in 2024 being zero-emission, ramping up to 50% by 2026. Programs like “Charge Up New Jersey” offer rebates for EV purchases, helping the state reach its goal of registering 330,000 zero-emission vehicles by 2025. [NJ State Website](#)

**Clean Buildings Initiatives:** Buildings are a significant contributor to greenhouse gas emissions in New Jersey, and the state has introduced initiatives to cut these emissions drastically. The state’s 80x50 Report sets a target to reduce emissions from buildings by 89% by 2050 by transitioning 90% of them to zero-emission heating systems. This is supported by efforts to incentivize energy-efficient construction and retrofitting of residential and commercial buildings. [NJ State Website](#)

These initiatives are part of Governor Phil Murphy’s broader plan to transform New Jersey’s energy landscape, ensuring the state meets its ambitious clean energy targets while fostering economic growth and improving environmental health.

