

# 2024 North Carolina Clean Energy Jobs & Economic Impact Report



2024 was a landmark year for North Carolina's economy, with clean energy projects making up one in four economic development initiatives. These projects represent over \$19B in investments and 11,850 new jobs, particularly boosting rural communities. Ranked 2nd in the nation for doing business and 9th for clean energy jobs, North Carolina continues to attract transformative investments thanks to its skilled workforce and strong manufacturing base. As the state diversifies its energy resources, it solidifies its leadership in the clean energy transition, driving statewide economic growth.

## North Carolina Clean Energy Jobs = 109,723



Renewable  
Energy

**13,579**



Clean Vehicles

**9,522**



Energy  
Efficiency

**80,817**



Storage & Grid

**4,246**

**#9**

In the Nation



**+4.2%**

Annual Job Growth

**+4,408**

Net New Clean Energy Jobs

*Data: E2*

**NATIONAL CLEAN ENERGY JOBS = 3,500,000**



*North Carolina has a long-established record as a leader in the clean energy economy, having been the first state in the Southeast to adopt a renewable energy portfolio standard. Additionally, North Carolina's innovative workforce development programs and largest manufacturing workforce in the Southeast are attracting more clean energy companies to our state. We are thrilled to see these companies' substantial positive impacts on the state's economy and greater sustainability efforts in the years ahead."*

**Christopher Chung**

CEO, Economic Development Partnership of North Carolina (EDPNC)

## 2024 North Carolina Clean Energy Investment Highlights

Pine Gate Renewables announces **\$650M** expansion of solar energy production and energy storage facilities (*Asheville*)

Boom Supersonic's **\$500M** manufacturing and assembly facility will create **1,750 jobs** building supersonic airliners (*Greensboro*)

Boviet Solar brings **\$294M** capital investment and **908 new jobs** via PV module manufacturing facility (*Greenville-Pitt County*)

Green New Energy Materials investd **\$140M** in lithium-ion battery separator manufacturing facility, creating **545 jobs** (*Lincoln County*)

Toyota battery component supplier planning **\$60M** investment in plant, creating **133 jobs** (*Liberty*)

EV charger manufacturer Kempower opens **\$41M** HQ in with plans for **500+ new hires** (*Durham*)

Toyota affiliate Green Metals to build **\$19.8M** facility for electric vehicle battery waste handling and recycling, creating **47 new jobs** (*Liberty*)

EV charging station developer IONNA announces **\$10M** investment to establish its global headquarters, creating **203 jobs** (*Durham*)

### **\$1.4B**

**New Sodium-Ion  
Battery  
Manufacturing  
Facility**

*Edgecombe County*

Natron is scaling up sodium-ion battery production 40x to 24 GW annually, creating over 1,000 jobs

## Annual Revenue

### **\$38.1M**

Property, state, & local tax  
revenues from clean power  
projects

### **\$45.3M**

Income to farmers, ranchers,  
& private landowners via  
clean energy projects