

Inflation Reduction Act and Infrastructure Investment and Jobs Act

Clean Energy Investment in North Carolina since 2022

\$20 billion

IRA-driven direct investment in North Carolina’s energy technology manufacturing and utility projects

> 18,000

Clean energy manufacturing jobs supported by clean energy tax credits in North Carolina

27

Clean manufacturing facilities announced in North Carolina since 2022

Clean Energy Investment by Congressional District

District	Representative	Direct Clean Energy Investment Since 2022	Outstanding Clean Energy Investment Since 2022
NC-09	Richard Hudson	\$14,600,000,000	\$1,500,000,000
NC-01	Don Davis	\$766,800,000	\$1,700,000,000
NC-07	David Rouzer	\$248,100,000	\$746,800,000
NC-08	Mark Harris	\$173,900,000	\$194,600,000

110,000 jobs

NC’s clean energy sector provides **110,000 jobs** across manufacturing, construction, services, and trade.

NC is a national leader in **battery storage manufacturing**, accounting for **6 percent of national capacity**, behind only California and Michigan.

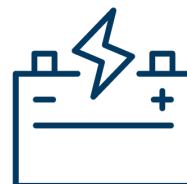
Federal Grant Funding for Battery Manufacturing Facilities in NC From IIJA

Forge Battery Li-ion Battery Gigafactory

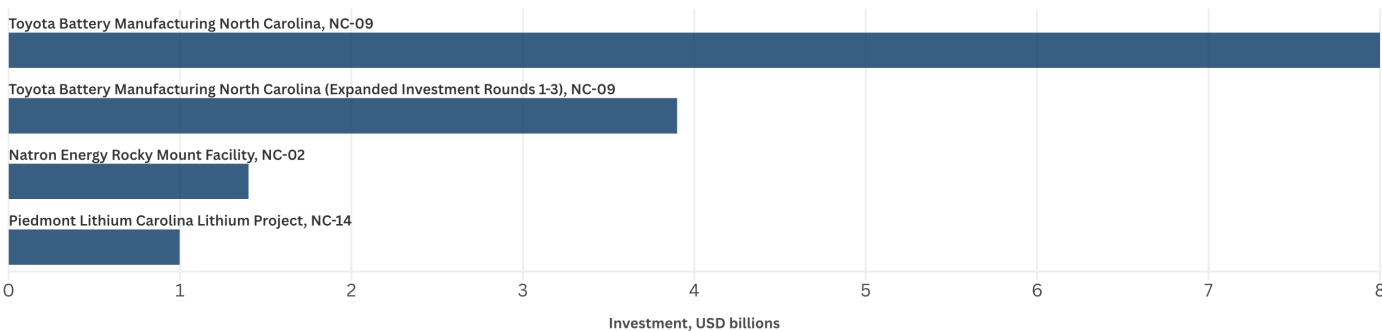
Forge Battery announced it was awarded up to **\$100 million in non-diluted grant funding from the Department of Energy’s Manufacturing and Energy Supply Chains** in September 2024 to expand the company’s commercial production facility for lithium-ion batteries in Morrisville, NC. Upstream material is sourced from a made-in-America supply chain, with 90 percent of cell inputs sourced from U.S. firms. With support from 45X IRA tax credits, the facility could produce up to 3 GWh of li-ion cells when upgrades are completed.

Albemarle Lithium Metal Anode Facility

Albemarle U.S. received **\$67 million from the Department of Energy’s Office of Manufacturing and Energy Supply Chains** for an advanced lithium-metal anode production facility in Charlotte, NC. Depending on the viability of IRA 45X Advanced Manufacturing Tax Credits, the facility is expected to support production 700 MWh of batteries and create 300 jobs.



Major Private Investment Announcements for Battery Production in North Carolina



Source: [Carnegie compilation of Clean Investment Monitor](#), [E2 Clean Energy Jobs State Maps and Clean Economy Works](#), and the [Big Green Machine data](#). • Note: This brief compiles information originally gathered from the sources included above, as well as the U.S. Department of Energy’s clean energy investment tracker, “Battery Materials Processing and Battery Manufacturing Recycling” grant awards from DOE MESC, company press releases, and American Clean Power Association’s 2025 “State of Clean Energy Manufacturing” report.