

Battery Materials Campus

STATUS:

In Construction

LOCATION:

Dorchester County, SC

CONGRESSIONAL DISTRICT:

South Carolina 1st

TECHNOLOGY(S):

Electric Vehicle (EV) Batteries

RELEVANT TAX PROVISION(S):

- Manufacturing Production Tax Credit (45X)

FAST FACTS:

- Redwood Materials plans to invest \$3.5 billion over the course of the decade to establish a Battery Materials Campus outside of Charleston, where it will recycle, refine, and remanufacture EV battery components.
- The facility is projected to create 1,500 jobs in the community.
- When fully operational, this campus should annually produce 100 gigawatt hours of cathode and anode components – enough to power more than 1 million EVs.



ADVANCED ENERGY IN SOUTH CAROLINA BY THE NUMBERS:

46,666

Advanced Energy Jobs

3.40%

Advanced Energy Job Growth Rate

2.3%

Solar Job Growth Rate

SOURCES

- "Clean Jobs America 2024," E2, September 2024
- "National Solar Jobs Census 2023," Interstate Renewable Energy Council (IREC), September 2024