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The image shows an aerial view of the NREL campus. A blue banner at the top left reads 'NREL-at-a-Glance'. Below the banner are four circular inset images: 1) Two people in a meeting, 2) A person pointing at a large screen, 3) Laboratory glassware with colored liquids, and 4) A person in a yellow safety vest speaking to a group.

Transforming energy since 1977

Cutting edge facilities and world-class research

Living laboratory

Community involvement

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Renewable Power

- Solar
- Wind
- Water
- Geothermal



Sustainable Transportation

- Bioenergy
- Vehicle Technologies
- Hydrogen



Energy Efficiency

- Buildings
- Advanced Manufacturing
- Government Energy Management




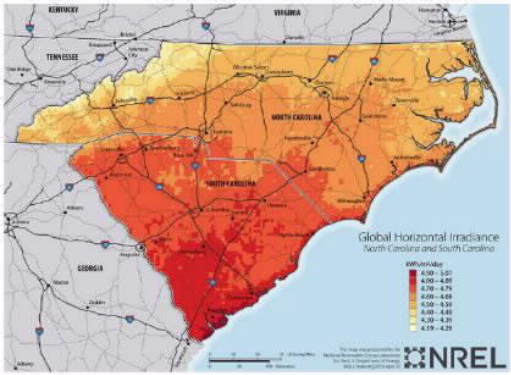
Energy Systems Integration

- Grid Integration
- Hybrid Systems
- Security and Resilience

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**Carbon-Free Resource Integration Study
(Duke Energy)**

Supporting the Transition to Low-Carbon Communities

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World Class Decision Support

Supporting Riverside with decarbonization planning and implementation leverages decades of investment on this topic through:



Customized modeling



Unique scenario development



Complex multi-sector analysis



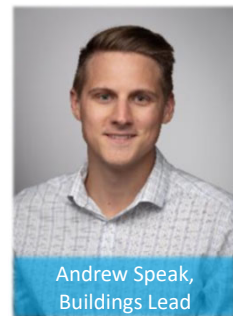
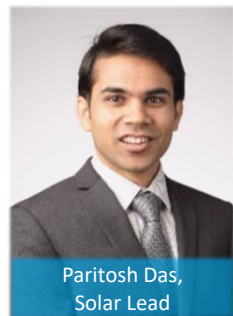
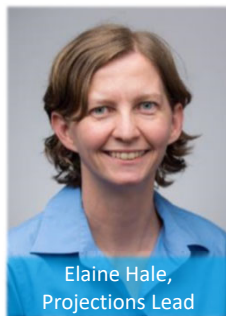
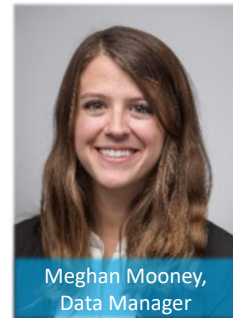
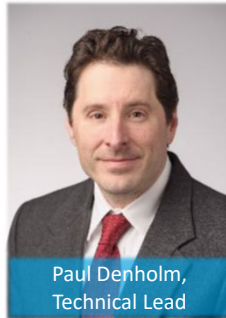
In-depth stakeholder engagement

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Project Leadership



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Thank You

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