

Project: NREL National Renewable Energy Laboratory
South Table Mountain Campus, Golden, CO

Architect: Smith Group JJR
Phoenix, AZ

Products: C/S 100-3 Cantilevered Sunshades, 200-4 Vertical
Sunshades, 6" Long Span Airfoil Blades

The NREL is a National Laboratory of the U.S. Department of Energy. The Energy Systems Integration Facility (ESIF) housed on the campus of NREL will be the nation's first facility that can conduct research and development of the components and strategies needed in order to safely move clean energy technologies onto the electrical grid at the speed and scale required to meet national goals. A couple hundred Scientist and Engineers will work at the state-of-the-art fully equipped labs and outdoor test areas.

The ESIF will also include a high-performance computing data center (HPCDC) that will serve the needs of NREL, expanding the laboratory's capabilities in modeling and simulation of renewable



At a Glance

- State of the art facility for the advancement of clean energy technologies
- Modeling and simulation of integrating renewable energy into existing infrastructure
- Department of Energy use C/S Cantilevered and Vertical Sunshades to help reduce their energy use
- Cradle to Cradle Certified™ Silver*

*Clear anodized and C/S Powder Coat Finishes

energy technologies and their integration into the existing energy infrastructure. The one-petaflop scale supercomputer will enable large-scale modeling and simulation. The HPCDC will also be one of the most energy efficient data centers in the world, operating at a power usage effectiveness (PUE) rating of 1.06 or better. The project is currently on track to achieve LEED Platinum. The NREL knows about saving energy and they chose to use C/S Sun Controls on their facility.

 **Sun Controls**

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