

Science & Technology Facility Construction Moves Inside

The U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) is only months away from the completion of its newest building, the Science and Technology Facility (S&TF).

Construction on the exterior of the building is finished with the exception of the front entrance. The building is entirely weather proofed and heated. The S&TF contractor, M.A. Mortenson, is currently hanging drywall, installing interior electrical and mechanical systems, installing ceilings and painting the interior of the building.

Construction was 85 percent complete at the end of January and electrical power, natural gas, domestic and fire water services were installed. NREL's Site Operation Office expects M.A. Mortenson to be substantially done with construction in May, allowing employees to begin occupying the building soon thereafter.

The S&TF will support a new way of doing research on several technologies, including the development of next generation solar energy technologies, hydrogen and fuel cells.

For construction updates, call 303-275-4087 or visit www.nrel.gov/facilities/stf.html.



NREL's Science and Technology Facility, which is adjacent to NREL's Solar Energy Research Facility on South Table Mountain, is only months away from completion.



NREL Names Deputy Laboratory Director, COO

William (Bill) Glover has joined NREL as Deputy Laboratory Director and Chief Operating Officer. Bill also will serve as a Vice

President for Midwest Research Institute (MRI). MRI has operated and managed NREL for DOE since the NREL facility opened in 1977.

Bill has more than 35 years of experience including extensive DOE facilities operation and maintenance. Recently he has been an independent consultant, President/General Manager of TENERA Federal Services LLC, and Director of Performance Assurance with EG&G, Rocky Flats.

Prior to that, he served with distinction for 26 years in the United States Navy with multiple tours including managing a nuclear submarine squadron with more than 3,500 personnel.

Bill has a B.A. in Chemistry from the University of Rochester and the equivalent of an M.S. in Nuclear Engineering (from the Navy Senior Officer Nuclear Power Training).

Community Charitable Giving

The Laboratory's Annual Charitable Giving Campaign offers NREL employees the opportunity to show their support for the community they live and work in.

This year, NREL employees in Colorado and in the Washington, D.C., office donated \$131,140.86 to more than 200 *Partnership for Colorado* and *Mile High United Way* agencies and other nonprofit agencies.

NREL's managing partners, Midwest Research Institute and Battelle, contributed an additional \$10,000 as part of NREL's Charitable Giving Campaign.

"This year's Charitable Giving Campaign was one of the most successful on record," said Director Dan Arvizu. "Our employees' generosity will make a difference for those in need in our Colorado and Washington, D.C. communities, and throughout the country."



Workers are constructing the research laboratories in the 71,347 sq. ft. multi-level Science and Technology Facility.

NREL Contact: If you have any questions about NREL's activities, contact Kerry Masson, Director, Office of Outreach and Public Affairs at (303) 275-4083.

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DOE's High School Science Bowl tests the mental agility of students from across the state.

High School Students Gear Up for Battle of the Brains

The next generation of scientists, mathematicians and engineers will test their mental agility on topics such as biology, chemistry, physics, astronomy, earth science, general science and mathematics in the U.S. Department of Energy's (DOE) Regional Colorado High School Science Bowl on Feb. 11 at the Colorado School of Mines.

The community is invited to watch the competition as 40 teams from across Colorado compete in this rapid-fire question-and-answer tournament. The competition is sponsored by DOE, NREL, Xcel

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Energy Foundation, Midwest Research Institute and Battelle.

The winning team will earn the opportunity to compete in the National Science Bowl® in the Washington, D.C., area April 27 – May 1. There, the Colorado students will go up against winning teams from regional competitions across the nation. Students from Smoky Hill High School in Lakewood, Colo., took first place in last year's regional competition.

The Colorado Science Bowl will run from 8 a.m. to 5 p.m. in Alderson Hall (1613 Illinois St.) at the Colorado School of Mines. This event is free to the public. For more information, visit www.nrel.gov/education.



Energy Tip: Improving your home's lighting is one of the fastest ways to cut your energy bill. An average household dedicates 5% to 10% of its energy budget to lighting. Using new lighting technologies can reduce lighting energy use by 50% to 75%. For information about energy efficient lighting and savings tips browse the *Energy Savers* booklet at www.eere.energy.gov/consumer/.

Visitors Center Student Programs Offered

The NREL Visitors Center offers student programs on energy efficiency and renewable energy. To schedule a visit, contact the NREL Visitors Center at 303-384-6565. The Visitors Center is open weekdays 9 a.m. to 5 p.m. For additional information, visit www.nrel.gov/visitors_center.



Lunchtime Lectures Series

Bring your lunch and learn about energy savings and new technologies at NREL's popular Power Lunch lecture series. Attendees will get a glimpse into the world of renewable energy and energy efficiency technologies and a chance to meet local experts. *NREL Power Lunches* are free, monthly lunchtime presentations. For information, visit www.nrel.gov/visitors_center or call (303) 384-6565.

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