

## 2005 Brings Construction of NREL Research Facility, New Laboratory Director and Visitors Center Public Programs

Happy New Year to our neighbors! Many exciting things are happening at the U.S. Department of Energy's National Renewable Energy Laboratory (NREL) this year. The construction of the Science and Technology Facility will begin on the east side of NREL's Solar Energy Research Facility. We welcome our new laboratory director Dr. Dan Arvizu. The Visitors Center will be offering a series of public programs. ■

### Construction Scheduled to Begin on New NREL Facility

Construction of NREL's newest building, the Science and Technology Facility (S&TF), is scheduled to begin at the end of January.

A temporary construction access road will be the first major project. This access road, to be located east of the Solar Energy Research Facility (SERF), will separate the construction traffic from normal NREL traffic. The access road will be removed

and the site restored when construction has been completed in approximately two years.

The subcontractor for the new building, M.A. Mortenson, will use the lower portion of the SERF parking lot for construction vehicles and equipment, rather than parking on the undeveloped land near the construction site. This will minimize soil disturbance and help meet the Leadership in Energy and Environmental Design (LEED™) goals for the project.

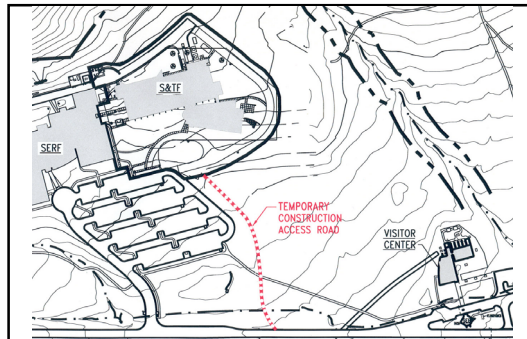


Diagram of the Science & Technology Facility construction site

Construction begins following a site-wide wildlife survey that will help NREL protect migratory birds and other wildlife on site. The Laboratory will use the results of the survey to develop practices that will minimize the effects of construction on wildlife.

The S&TF will support a new way of doing research on several of the technologies highlighted by President George W. Bush in his National Energy Policy, including the development of next-generation solar energy technologies and hydrogen and fuel cells.

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### Dan Arvizu Named Director of NREL

Dr. Dan Arvizu became the eighth Director of the U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) on January 15, 2005. He also was

appointed Senior Vice President of Midwest Research Institute (MRI), headquartered in Kansas City, Missouri. NREL is operated for DOE by MRI and Battelle.

Formerly Senior Vice President and Chief Technology Officer for CH2M Hill, Arvizu succeeds Vice Admiral Richard H. Truly who retired on January 14.

Before joining CH2M Hill, Arvizu was an executive with Sandia National Laboratories in Albuquerque, New Mexico, where he worked for more than 20 years, and directed Research Centers for Advanced Energy Technology, Material and Process Sciences and Technology Commercialization. He began his career at the AT&T Bell Telephone Labs Customer Switching Laboratory.

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#### National Renewable Energy Laboratory Contact:

If you have any questions about NREL's Visitors Center programs or activities, please contact Janice Rooney in the Office of Outreach and Public Affairs at (303) 275-3859. ■

#### NREL Visitors Center

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(303) 384-6565 • [www.nrel.gov](http://www.nrel.gov)  
Hours: Monday - Friday, 9 a.m. to 5 p.m.

**For construction updates  
and information visit  
NREL's Science &  
Technology Facility  
Web site**

[www.nrel.gov/facilities/stf.html](http://www.nrel.gov/facilities/stf.html)



*Construction Scheduled to Begin on New NREL Facility Continued*

The S&TF will provide significant advantages for state-of-the-art energy research. Research groups sharing common interests will be co-located in the same building and will have the ability to pursue process integration research that will ultimately reduce the time it takes to move a technology from the lab to the marketplace.

The 71,347 square foot S&TF is designed as a multi-level facility with the ground level including laboratory space, office space, and a lobby. An elevated bridge will connect the SERF and the S&TF by linking their service corridors. The second level will house additional general laboratories and a large open process development and integration laboratory. The third level will house the bulk of the S&TF's mechanical support functions including laboratory exhaust fans.

As construction progresses some noise and dust are inevitable. We regret any inconvenience this may cause and appreciate your understanding. If you have any questions or comments about the construction call Kerry Masson, Director, NREL Outreach and Public Affairs at (303) 275-4083 or email [kerry\\_masson@nrel.gov](mailto:kerry_masson@nrel.gov).

For construction updates and information, visit [www.nrel.gov/facilities/stf.html](http://www.nrel.gov/facilities/stf.html) ■

*Dan Arvizu continued*

Arvizu holds both a PhD and Master of Science degree in mechanical engineering from Stanford University and a Bachelor of Science degree in mechanical engineering from New Mexico State University.

He was recently appointed to the National Science Board by President George W. Bush and has served on a number of distinguished boards and councils.

Arvizu and his wife, Patricia, have five children and reside in Littleton, Colorado. ■

**NREL Visitors Center Public Programs**

This year we are offering themed programs each quarter that will include monthly Visitors Center Power Lunch presentations. Bring your lunch and learn more about renewable energy and energy efficiency. Call the Visitors Center at (303) 384-6565 to sign up.

**January – March 2005**

***The Future of Renewable Energy and Energy Efficiency***

Power Lunch: Thursday, February 24 -- Noon – 1:00 p.m.

Biological Hydrogen Production from Water Using Sunlight by Maria Ghirardi

Power Lunch: Wednesday, March 16 -- Noon – 1:00 p.m.

Electricity Basics for Consumers by Ben Kroposki

**April – June 2005**

***Home Sweet Home: Applications of Renewable Energy and Energy Efficiency***

Power Lunch: Tuesday, April 19 -- Noon – 1:00 p.m.

Dream Your House: New Perspectives in Energy Efficiency & Design by Paul Torcellini

Power Lunch: Tuesday, April 26 -- Noon – 1:00 p.m.

Xeriscape Gardening for Beginners by David Winger

Power Lunch: Wednesday, May 11 -- Noon - 1:00 p.m.

Advanced Xeriscape Gardening by David Winger

*Visit our Web site for a listing of future programs at [www.nrel.gov/visitors\\_center](http://www.nrel.gov/visitors_center)*

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