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INL's Energy Innovation Laboratory

The Energy Innovation Laboratory is the gateway to Idaho National Laboratory's Research and Education Campus in Idaho Falls.

This research facility houses INL researchers affiliated with Energy & Environment Science & Technology, Nuclear Science & Technology, and the Nuclear Science User Facilities. The 148,000-square-foot facility offers three stories of modern, open-floor laboratory space and flexible, state-of-the-art lab tools, equipment and resources.

The EIL enables INL researchers to pursue innovative solutions to national energy challenges in advanced clean energy and related environmental science. It also consolidates some of INL's fundamental research and development activities.

The flagship science facility is located on University Boulevard near the Center for Advanced Energy Studies, Energy Systems Laboratory and national security research buildings. From this campus setting, researchers can effectively offer international leadership in energy innovation and industry outreach.

Laboratory Space

The two three-story laboratory buildings greatly improve INL's ability to quickly reconfigure research labs for new projects and emerging requirements. Laboratory space is designed to be flexible to accommodate the changing nature and size of research projects. Open offices and meeting spaces are conveniently located close to the labs.

More than 127 flexible laboratory modules are dedicated to chemistry and engineering research that can be modified as research and projects demand. Laboratories support chemical sciences, nanotechnology, water chemistry, advanced microscopy, control systems, high-temperature testing, thermal hydraulics, materials testing and characterization, separations technology, and advanced instrument training.

Meeting Center

The one-story INL Meeting Center's entryway opens into a reception space where visitors and the public can attend colloquia, seminars, conferences and educational events. A 275-seat meeting area and smaller conference rooms

Changing the World's Energy Future



host meetings and workshops. Each year, the facility hosts hundreds of customers and collaborators, elected and government officials, university leaders, foreign dignitaries, and corporate officials.

The EIL facility creates an environment that fosters creativity and collaboration among colleagues. Casual meeting spaces are available in the EIL, and break rooms – along with highly visible and inviting outdoor gathering spaces – provide opportunities for informal interactions.

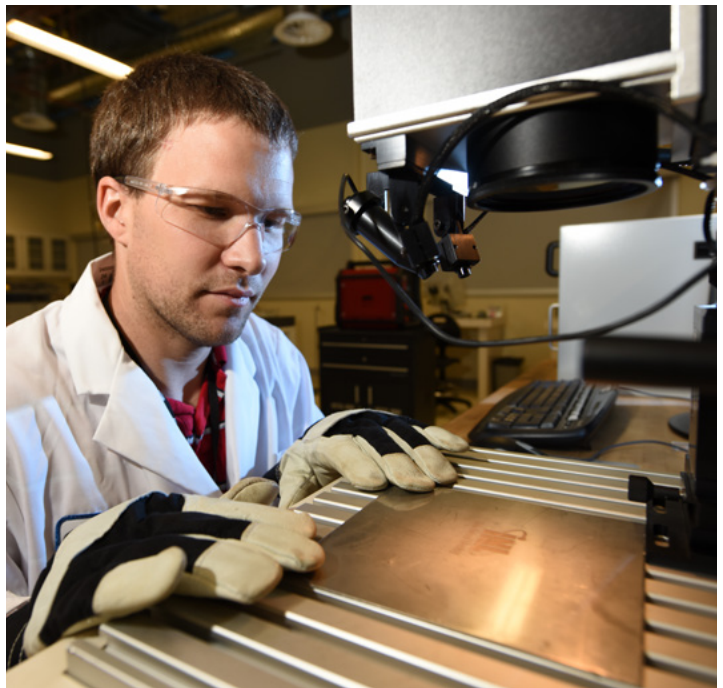
Certified as LEED Platinum (Leadership in Energy and Environmental Design) by the U.S. Green Building Council, the EIL is the first INL building to achieve the top level of sustainable building design. Only the fourth platinum commercial building in Idaho, the EIL uses solar access and natural ventilation, which reduces the energy load during seasonal transitions.

EIL was built under a third-party lease arrangement and is owned by REL Facilities LLC.

This facility has become a gathering place for national and international visitors, where researchers can share discoveries and insights into energy innovation.



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Researchers test nuclear instrumentation and rig survivability at EIL's High Temperature Test Laboratory.

For more information

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