

Lab-Volt's Wind Turbine Training Simulator Selected by Green Energy Learning Institute

Lab-Volt Systems is proud to be the manufacturer behind the training systems of tomorrow's leaders. The [Lab-Volt Wind Turbine Training System](#) offers hands-on training for real-world operation and maintenance situations, preparing students with the skills and training for green energy jobs as wind turbine technicians.

([PRWEB](#)) September 19, 2012 -- As Lab-Volt Systems continues to propel innovation and deliver the very best in technical training systems it is with great excitement the 50 year veteran developer of computer-based learning systems announces that a new institute of higher education has selected Lab-Volt as their supplier of [alternative and renewable energy training systems](#).

Denver's Ecotech Institute has strengthened its Wind Energy Training program by installing the Lab-Volt Nacelle Training System (46122) and the Hydraulic Pitch Hub Trainer (46124). Ecotech's state-of-the art Wind Safety lab now boasts Lab-Volt cranes and rigging trainers in addition to the two new training systems.

The fully operational Wind Turbine Nacelle Training System (46122) serves to establish essential technical and troubleshooting skills for would-be technicians in Ecotech's two-year associate's degree program. Lab-Volt's Wind Turbine Nacelle Trainer is a complete replica of commercial wind turbine nacelles scaled down. The trainer consists of a complete drive train including the main shaft, a gearbox with a transparent side cover, speed sensors, a hydraulic brake, and an asynchronous generator.

The Hydraulic Pitch Hub Trainer, also installed at Ecotech Institute, includes a proportional hydraulic cylinder and is an accurate representation of the wind turbine blade. Functionally, students use this machine to learn about hydraulic pitch control and hydraulic pitch control operation.

Program Director at Ecotech Institute Shawn Lamb commented, "The integrated systems approach offered by Lab-Volt's Wind Turbine Training Simulators provide a very realistic view of the functionality and programming of a large, commercial wind turbine. These are leading-edge technologies that effectively prepare students and get them excited about going into the field."

[About Lab-Volt](#)

Lab-Volt is a global leader in the design and manufacture of hand-on training laboratories for public education, industry and the military. Lab-Volt is recognized as a world leader for high-quality, cost-effective instructional systems that integrate the latest technological advances with sound pedagogical practice, offering comprehensive, multimedia-rich, e-learning, blended learning, and custom learning solutions, as well as extensive, cutting-edge, hands-on and simulation training curriculum.



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