



**NEWS**



## **ECOTECH INSTITUTE SELECTS WIND TURBINE TRAINING SIMULATOR BY LAB-VOLT**

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Lab-Volt Systems, a 50-year veteran developer of computer-based learning systems, recently announced that Ecotech Institute has selected Lab-Volt as a supplier of alternative and renewable energy training systems.

Ecotech Institute's flagship Denver campus is installing the Lab-Volt Nacelle Training System (46122) and the Hydraulic Pitch Hub Trainer (46124) to enhance its Wind Energy Technology training program.

The school's modern Wind Safety lab now uses Lab-Volt cranes and rigging trainers in addition to the two new training systems.

The fully-operational Wind Turbine Nacelle Training System helps develop essential technical and troubleshooting skills for Ecotech Institute's technicians in-training. The system is a complete, scaled-down replica of a commercial wind turbine consisting of a drive train that includes 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.