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Product Name :
Wind Turbine Generator Control Troubleshooting Learning System

Product Code :
LBNY-0005-1930008



Description :

Wind Turbine Generator Control Troubleshooting Learning System allows learners to gain adaptive skills for generator system operation, adjustment, and troubleshooting in a wide variety of situations. It helps learners to develop and practice both wind turbine component and system level skills and gives them the classroom instruction and hands-on experience that they need to succeed in this emerging and growing field. They know how to service, operate, and troubleshoot the generator control system, which includes the generator, rectifier, generator control unit, power distribution panel, pad mounted transformer, and generator control software. Wind Turbine Generator Control Troubleshooting Learning System also includes unique electronic fault insertion system, which lets learners gain hands-on experience with the troubleshooting of realistic generator control problems, as well as receive automatic feedback on their progress. The generator control system is the heart of a utility-scale wind turbine, converting mechanical rotation of the hub into clean, 3-phase power that synchronizes with the utility grid. Keeping these turbines operational and well maintained requires a specialized skill set, and wind turbine technicians possess these skills. Furthermore, Turbine Generator Control Troubleshooting connects to Nacelle and Hub workstations to create a comprehensive wind turbine learning laboratory.

Features:

- Computer Based Fault Insertion across All Key Subsystems
- Real-World, Utility-Scale Turbine Generator Control Experience
- Connects to Nacelle and Hub workstations to create a comprehensive wind turbine learning laboratory.

Technical Specification :



Laboratory Instrument India