

COURSE DESCRIPTION

Learn the operation, installation, and adjustments of 2301A (Analog) and the 2301D or E (Digital) Load Sharing Speed Control. Understand how the 2301A and 2301D or E control, actuators, and their associated accessories allow their engines to operate together, either on or off the infinite bus (utility). Hardware and software configuration/monitoring will be explained and connected to a loop test set.

LEARNING OUTCOMES

- Identify and explain the hardware, features and functions of a 2301A/E.
- Demonstrate an understanding of power management issues such as soft loading and unloading, base loading, peak shaving, import/export control, and power transfer.
- Demonstrate the ability to wire a 2301A/E.
- Initial setup and calibration of a 2301A/E.
- The user should be able to field calibrate the controls and adjust actuators, linkage and accessories.
- Identify and explain the applications of the 2301A/E.
- Describe the concepts of basic adjustments, paralleling, and droop.
- Demonstrate an understanding of theory, methods of synchronizing, and paralleling of electrical generators.

DETAILS

- **Duration:** 2 days
- **Delivery Method:** Instructor-Led Training (ILT)



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