

COURSE DESCRIPTION

This class will give you the opportunity to learn more about the basics of power management using the Woodward easYgen 3000XT control system. During the course, you will learn about the theory, installation, programming, operation, and maintenance of the easYgen 3000XT series control system with the help of actual controls. The hands-on part of the training will include time for programming, adjustments, and troubleshooting techniques on the easYgen 3000XT series control system.

LEARNING OUTCOMES

- Demonstrate a strong foundation on power generation theory for the easYgen 3000XT series control system
- Field calibrate and adjust the easYgen 3000XT series control system
- Demonstrate an understanding of power management issues such as soft loading and unloading, base loading, peak shaving, import/export control, and power transfer
- Describe the concepts of isochronous load sharing, baseload, process control, import/export control, VAR/Power Factor control, and droop
- Demonstrate an understanding of methods of synchronizing and paralleling electrical generators

DETAILS

- **Duration:** 3 days
- **Delivery Method:** Instructor-Led Training (ILT)



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