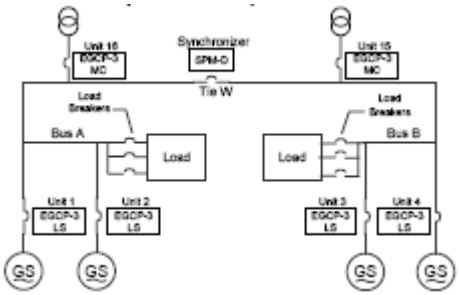
CLASS #107– EGCP-3



Description
This class will give the student the opportunity to learn more about servicing and commissioning power management systems using the EGCP-3 control. During this course, the student will learn about the theory, installation, programming, operation, and maintenance of the EGCP-3 control system with the help of our two engine simulators. The hands-on part of the course will include programming, adjustments, and troubleshooting techniques on the control system.

Class Objectives
Upon successful completion of this course the student will be able to:

- Demonstrate a strong understanding of power generation control theory pertaining to the EGCP-3 control system including the two main modules LS and MC controls.
- Calibrate, program Configuration & Engine set-up menus and Application set-up.
- Configure mA and VDO sensors for engine protection purposes.
- Understand control modes such as real or reactive load control, and when each mode is in effect.
- Demonstrate and understand the method of synchronization available within the control.
- Understand and implement the control in any application such as AMF, peak or base load, Isolated, Utility parallel, and Co-Generation modes.
- Understand how the control interfaces with SCADA systems via Modbus®.
- Understand how to troubleshoot effectively via the control and identify control system faults.

Course Duration
The course runs for three days and is conducted at our premises in Kingsgrove, NSW.
Class size is limited to a maximum of eight students.

Attainment
A “Certificate of Attainment” is awarded to students who successfully pass a written examination.

The instructor reserves the right to modify the class content to best suit the needs of the class.