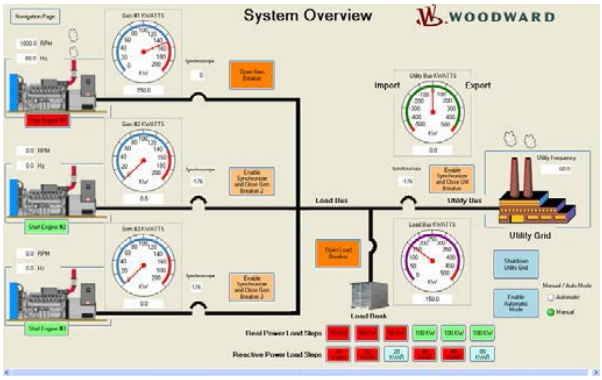
CLASS #109 – Power Management Principles



Description

This class will give the student the opportunity to review governor fundamentals of mechanical and electronic governors. During this course, the student will learn about the theory, terminology, and basic power generation principles. The course is one day only and is covered in a PowerPoint presentation format. Or you may elect to purchase the Power Generation Learning Module USB (WGC Part # 8447-1012), which is a fully interactive training system that includes animations, and progressive training (contact PM Control Systems direct for pricing on this option).

Class Objectives

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

- Demonstrate an understanding of the theory of basic governing concepts and terminology.
- Understand control terminology such as Base load, Peak Shaving, Import/Export control, Grid or isolated power generation.
- Demonstrate and understand methods and types of synchronization available.
- Understand the importance of correct linkage geometry and set-up.
- Understand basic governor control parts and identify prime components such as MPU.
- Understand the term “PID” and how a summing junction functions in a speed control.

Course Duration

The course runs for one day and is conducted at our premises in Kingsgrove, NSW.

We can offer this course as part of an on-site training program (details available on request).
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.