



## Power Management Controls



70 East Beaver Creek Rd,  
Unit 10, Richmond Hill, ON  
L4B 3B2  
416 907-3844

### 3 Day Program Training Agenda DSL-2 and MSLC-2 Power Management Controls

#### COURSE OBJECTIVE

This class will give you the opportunity to learn more about the basics of Woodward power management, DSLC-2 and MSLC-2. During the course you will learn about theory, installation, programming, operation, maintenance and troubleshooting of the DSLC-2 and MSLC-2 with the help of various models and simulators. The hands on part of the training will include time for programming, adjustments and troubleshooting techniques on the DSLC-2 and MSLC-2.

#### THE FOLLOWING TOPICS WILL BE COVERED:

- ❖ DSLC-2 & MSLC-2 features, control modes and applications.
- ❖ Programming menus and the use of the Toolkit including synchronization, load control, VAR/PF control and process control.
- ❖ Calibration and Adjustment.
- ❖ Troubleshooting and FAQ's
- ❖ Inputs & Outputs (I/O) of the DSLC-2 & MSLC 2 controls.
- ❖ Echelon, Termination modules, and Hands-on familiarization

#### CONTROLLERS

- ❖ DSLC-2 Digital Synchronizer and Load Control
- ❖ MSLC-2 Master Synchronizer and Load Control

#### PRICE

\$1400.00 CAD

Minimum 3 Student booking required

#### ATTENDANCE

3~5 Students per session, allowances can be made available for a larger volume, please advise.

8:00am ~ 4:00pm

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

- ❖ Demonstrate a strong foundation on governor control theory pertaining to the DSLC-2 and MSLC-2 controls.
- ❖ Field calibrate and adjust the controls, actuators, linkage and accessories.
- ❖ Describe the concepts of basic adjustments, paralleling and droop.
- ❖ Demonstrate an understanding of synchronizing and paralleling theory.
- ❖ Demonstrate an understanding of power management issues such as; soft loading, base loading, peak shaving, import/export control and power transfer.

The following will be provided:

- ❖ Communication cables and adapters
- ❖ Softwares & drivers
- ❖ Classroom accessories
- ❖ Breakfast & Lunch(at Madsen facility)

Note: Students are required to bring Laptops  
Compatible operating systems: WinXP, Win7

#### CONTACTS

##### MADSEN CONTROLS & ENGINEERING

Richmond Hill, Ontario.

##### Khalid Hussain

Senior Account Manager

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##### MADSEN DIESEL & TURBINE

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