



**POWER & ENERGY SOCIETY
SUBSTATIONS COMMITTEE Annual Meeting
Subcommittee C0**

Tutorial

Substation Automation

May 16, 2010 from 8:00 h – 17:00 h

Montreal, Canada

The Substation Automation Tutorial covers monitoring and control technologies for substations from the familiar SCADA system to the fully integrated substation automation system. It discusses the evolutionary process of SCADA to automation, automation functions for substations and the enterprise as well as substation communications networks. It also discusses the migration from "legacy" systems and the effects of automation on the workforce and utility culture. The Data Acquisition, Processing and Control Systems Subcommittee of the PES Substations Committee is the sponsor of this tutorial.