



GE Energy



Turbine and Compressor Controls Customer Seminar

26 March 2009

09:00 – 17:00

The Training Room

Center for the Assessment of Technical Competence (CATCH)

Kiln Lane, Stallingborough

North East Lincolnshire

DN41 8TH

GE Energy

Optimization and Control

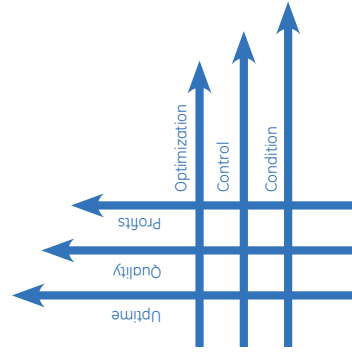
The Training Room

Center for the Assessment of Technical Competence (CATCH)

Kiln Lane, Stallingborough

North East Lincolnshire

DN41 8TH



Turbine and Compressor Controls Customer Seminar



Join us

Join GE's regional optimization and control team for an information-filled day exploring how customers just like you have improved their businesses through the use of our advanced turbine and compressor control products. The emphasis is on practical solutions and applications along with hands-on opportunities to interact with our products. In addition, ample time is provided for you to ask questions and network with your peers.

Attendees

- Plant Instrumentation & Control Personnel and Managers
- Plant or Project Engineers
- Plant Maintenance Personnel and Managers
- Plant Reliability Engineers

This presentation is specifically designed for all those responsible for instrumentation and control of rotating equipment, and plant-wide automation, upgrades, maintenance, and performance..

No Charge

The seminar is offered free-of-charge and includes:

- All participant materials
- Refreshments
- Lunch

Register Today

Space is limited. Please register in advance by contacting:

MarkJ.Burnett@ge.com
phone: +44 (0)1653 658 721

We'll reserve your place, provide assistance, and answer any questions you may have about the event.

Agenda

Mark™ Series Controls

- Historical overview/strategy
- Support plans
- Future

Mark™ VI/ VIe

- Basics of Hardware and Software features for turbine control
- Choosing the correct level of redundancy, increasing reliability and availability
- Technology update, retrofit packages

Software Overview

Software tools including:

- Process controller I/O and Device Communication
- Alarm Management
- SOE/Event Creation

OptiComp™ - Integrated Turbine/Compressor Control (ITCC) / Integrated Motor/Compressor Control (IMCC)

- Anti-Surge Control
- Surge Detection
- Decoupling
- Fallback scenarios
- Load Control and Load Sharing
- Different surge scenarios simulation

Lunch

Interfacing

- HMI workstations
- Network topography
- Historian – data storage
- Alarms
- Events

Mechanical Solutions/ Considerations

- High/ low pressure actuators
- Tripping assemblies
- Instrumentation (sensing)
- Interface hardware

