

2009 Protection Testing Users Group (PTUG) Meeting

TECHNICAL PRESENTATIONS AGENDA

Tuesday, October 6th – Technical Presentations Day 1

- 7:00 AM – 6:00 PM** Registration and Information Desk Open
- 8:00 – 8:10 AM** Opening Remarks and Welcome
Jay Gosalia, V.P. of Marketing, Doble Engineering
- 8:10 – 8:20 AM** Introduction to 2009 Protection Testing User Group Meeting
Ed Khan, Product Manger, Doble Engineering
- 8:20 – 9:00 AM** Keynote Address –
“New Maintenance Strategies at National Grid”
Kathy Lyford, Vice President, National Grid
- 9:00 – 9:45 AM** Commissioning an IEC 61850 Based substation
Mike Childers, TVA
- 9:45 –10:00 AM** Break
- 10:00 – 10:30 AM** IEC 61850 implementation at Powerlink in Queensland, Australia
Anthony Kenwick, Powerlink, Queensland, Australia
- 10:30 – 11:15 AM** NERC Compliant Testing Using Doble’s Transwin Software
Richard Dixon and Heather Laslo, BPA
- 11:15 – 12 NOON** How is the Cyber Security Standard (CIPS) Impacting the Utilities
Dan Anderson, NE Utilities
- 12:00 – 1:30 PM** Lunch
- 1:30 – 2:15 PM** Recommended Practices for Testing and Commissioning
Jason Young, SEL
- 2:15 – 3:00 PM** Testing Numerical Transformer Differential Relays
Steve Turner, Beckwith Electric
- 3:00 – 3:15 PM** Break
- 3:15 – 3:45 PM** Condition-Based Maintenance for Protection Assets
Craig Munro and Jatinder Parmer, BC Hydro
- 3:45 – 4:30 PM** Arc Flash Hazards and Protection
John Hodson, Vamp Relays

4:30 – 5:30 PM **Testing of IEC 61850 Based Protection Systems**
Lars Frisk, ABB
Lawrence Broski, ABB
Jun Verzosa, Doble Engineering Company

Wednesday, October 7th – Technical Presentations Day 2

7:00 AM – 6:00 PM **Registration and Information Desk Open**

8:00 – 8:45 AM **End-to-End Testing of Line Current Differential Scheme**
Wen Wen Li and Joe Franzoi, Altalink

8:45 – 9:30 AM **Impact of CT Saturation and CCVT Related Transients on Relay Performance**
Paul Wilson and Dharshana Muthumuni, Manitoba HVDC

9:30 – 10:00 AM **Break**

10:00 – 10:30 AM **Transmission Relay UpGrade Project at Northeast Utilities**
Paul Norton, American Electrical Testing Companies

10:30 – 11:15 AM **Testing GE D60 – IEC 61850 Process Bus based Distance Protection Relay**
Vijayarathi Muthukrishnan, General Electric
Yakov Nobel, Doble Engineering
Narendra Nagaraj, Doble Engineering

11:15 – 12 NOON **Testing Differential Restraint Characteristics Using PLOTII Macro**
Fang He, Doble Engineering

12:00 – 1:15 PM **Lunch**

1:15 – 2:00 PM **Protection Suite – Demonstration on the Next Generation of Doble's Protection Testing Software**
Ralph LaChance, Narendra Nagaraj & Ed Khan, Doble Engineering

2:00 - 2:30 PM **Safety Initiatives at National Grid**
Glen Lyford, National Grid

2:30 - 3:00 PM **ProTesT NERC Reporter**
Ed Khan

3:00 – 3:15 PM **What's Ahead**
Ed Khan, Doble Engineering

3:15 – 3:45 PM **Break**

3:45 – 5:30 PM

**Protection, Apparatus, Communications and Control (PACC)
Client Committee Meeting**

Protection members and Doble clients who are not Suppliers or Manufacturers are strongly encouraged to attend this meeting. Please contact events@doble.com for the PACC Committee Meeting agenda.

We regret that suppliers and manufacturers may not attend this 2-hour meeting due to the non-commercial nature of the proceedings.

6:30 – 9:30 PM

Group Social Event – “Doble Meets the Wild, Wild West”