



Calgary, March 3 – 5 2014

IEEE IAS Electrical Safety, Technical and Mega Projects Workshop

March 3-5, 2014

Hyatt Regency Hotel Calgary, Alberta, Canada

The IEEE IAS ESTMP Workshop provides a forum for exchanging and advancing industry knowledge in the areas of electrical safety, engineering design, power system reliability and the implementation and execution of Mega Projects.

The Workshop focus will be to share innovative concepts, successes as well as lessons learned in the areas of: 1) advancing state of the art knowledge and best practices, 2) stimulating innovation in creating the next generation of technology and 3) design and implementation of Mega Projects.

[REGISTRATION IS OPEN – WWW.IEEE.ORG/ESTMP](http://WWW.IEEE.ORG/ESTMP)

Who Should Attend

Individuals that have participated in past ESTMP workshops continue to attest to the high quality of the presentations and tutorials. Anyone involved with electrical, safety, construction, or design would benefit from this workshop. Some of the end user, contractor and engineering companies that continue sending employees to the workshop include:

Albian Sands Energy Inc.,
Bantrel Canada,
Ber-Mac Electrical and
Instrumentation,
Capital Engineering,
Cenovus Energy,
CH2MHILL Canada,
Chemco Electrical,
Chevron,
ConocoPhillips Canada,
CoSyn Technology,
Dickin Engineering Inc.,
DuPont,

E&I Contractor,
Enbridge Pipelines,
EnCana,
Emerson Industrial,
EPCM,
Fluor Canada Ltd.,
Husky Oil
Irving Oil,
Jacobs Engineering,
Laird Electric Inc.,
Magna Electric Corporation,
Magna IV Engineering,
Nova Chemicals,

PCL Intracon Power Inc.,
PowerComm Inc,
Pyramid Corporation,
Shell,
Sinai Engineering,
SNC Lavalin Inc.,
Suncor Energy Inc,
Syncrude Canada Ltd.,
TransAlta,
Tri Ocean Engineering Ltd.,
University of Alberta
Worley Parsons,

Sponsorship

There are opportunities to sponsor such items as breakfasts, coffee breaks, lunch, presenters gifts, audio visual aids, printing of the workshop material, CDs, hospitality suites, social events, etc. as well as participate in the evening hospitality suites. For further information, contact our sponsorship chair, Don Wilson donald.wilson@siemens.com. **Thank you to the following sponsors already confirmed for this event:**

Brodwell Industrial Sales,
Deca Cables,
Eaton Corporation,
EAPS Electrical Safety
Program Solutions,
Fluor Canada Ltd,
General Cable,

Killark Hubbell,
Littlefuse Startco,
Mersen Canada,
3M,
Pyramid Corporation,
Rockwell Automation,
R. Stahl Ltd,

Schneider Electric
Siemens Canada Ltd,
Texcan,
Pentair Thermal Management,
Thermon Canada Inc,
Trotter and Morton,

Schedule

| | Sunday March 2 | Monday March 3 | Tuesday March 4 | Wednesday March 5 | |
|---------------|---------------------------------|--|---|---|---|
| 7:00 - 8:00 | | Registration & Breakfast | Registration & Breakfast | Registration & Breakfast | |
| 8:00 - 8:50 | | MV Drive Functionality & Applicability | UL 943C Special Purpose GFIs | Save Money: Innovative Cable Design | P&C Power Supplies |
| 9:00 - 9:50 | | CSA Z462-2015 Changes & Impacts | New Predictive Arc Fault Technologies | Ask the Right Safety Questions | MV Breaker Transient Recovery: Case Study |
| 10:00 - 10:50 | | Economics of Upsizing Conductors | Integration of Risk Management Principles into Safety Standards | A-B-C of Arc Flash Labeling | Panel Discussion: Startup and Commissioning |
| 11:00 - 11:50 | | IECEX Certification of Personnel Competency Scheme | Why Upgrade Generator Protection & Grounding? | CSA Z463 Maintenance | |
| 11:50 - 13:10 | | Lunch and Keynote Doug Harvey - TransCanada | Lunch and Committee Recognition | Lunch for Tutorial attendees | |
| 13:10 - 14:00 | | Advanced Industrial Electrical Installations | ESP Performance Improvement via Electrical Audit | Concurrent Tutorials | |
| 14:00 - 15:00 | | Panel Discussion: Conductor Temperature Ratings | Panel Discussion: Fire Safety Considerations | 1 - Design and Operation of Bus Motor Transfer 2 - Lighting Developments and Applications 3- Motor Testing 4 - Industrial Battery Technology | |
| 15:00 - 16:00 | | | | | |
| 16:00 - 17:00 | Early Registration Meet & Greet | Vendor Exhibition | Vendor Exhibition | | |
| 17:00 - 18:00 | | | | | |
| 18:00 - 19:00 | | | | | |
| 19:00 - 20:00 | Hospitality Suites | Conference Social | Hospitality Suites | | |
| 20:00 - 21:00 | | | | | |
| 21:00 - 22:00 | | Hospitality Suites | | | |
| 22:00 - 23:00 | | | | | |

Exhibition

Exhibitions are held on Monday and Tuesday afternoons following the technical sessions. Vendors and suppliers are invited to showcase their products & services. For further information, contact our exhibition chair, Ken Martin KMartin@Brodwell.com (403) 689-7601.

***Looking forward to seeing you at the
2014 IEEE Electrical Safety, Technical and Mega Projects Workshop***

Watch www.ieee.org/estmp for more details and registration