



Centre for Health and Safety Innovation - 5110 Creekbank Road, Mississauga

Utility Advisory Council Members

Utility	
Burlington Hydro	Joe Saunders
Enersource Hydro	Paul Kuner
Festival Hydro	Ysni Semsedini
Guelph Hydro	Michael Wittemund
Hydro One	Darren Desrosiers
Hydro One - Transmission	Ali Ahmed
Hydro Ottawa	Edward Donkersteeg
Kitchener-Wilmot Hydro	Greig Cameron
London Hydro	Greg Sheil
Newmarket-Tay Hydro	Gaye-Donna Young
Orillia Power	
PowerStream	Doug Fairchild
Toronto Hydro	Hani Taki
Veridian	Peter Petriw
Government/Regulatory	
Ministry of Energy	Vacant
Ministry of Labour	Vacant
Ontario Energy Board	Stephen Cain
Safety Organizations	
IHSA	Dean Dunn
System Infrastructure	
Bell Canada/Telecom Industry	Tony Pereira
CSA Group	
ORCGA/Excavating Industry	
Trades & Professions	
OACETT	
Ontario Electrical League	
Power Workers Union	Jenn Vautour
Consumers/Councils	
Consumer Advisory Council	Joan Pajunen
Industry Advisory Council	Vacant

Other Attendees

Mary Beth Fazzari (Ministry of Government & Consumer Services), Robert Ford (Ministry of Energy), Lori Gallagher (Utilities Standards Forum), Murad Hussain (Bell Canada), Jim Gillis (Cogeco Cable Incorporated), Gary Lemon (Amico Canada)

ESA Attendees

Normand Breton, Martin Post, Jason Hrycyshyn, Farrah Bourre, Patrick Falzon, Carita Edwards, Aisling O'Doherty,

Web Attendees

Don Zimac, Jennifer, Alain Morin, Mark Simpson, Rob Van de Wetering, Larry Irwin, Jeff Graham, Chuck deJong, Erie Thames Powerlines



1 Notice & Quorum

- Meeting had quorum

2 Minutes of UAC Meeting

The following motion was carried:

Motion: To accept the minutes of the May 19, 2016, October 6, 2016 and December 8, 2016 meetings as read

Motioned by: Peter Petriw

Second: Joe Saunders

Motion carried.

3 Review of Action Items

- The Council did not have any questions on the progress of action items that were not going to be discussed later in the meeting

4 Membership – Farrah Bourre

- The Council was reminded that the Chair and Vice-Chair terms will be up in 2018

**5 Bulletin: Energized, Recurring Temporary Distribution Work
(Action Items 2016-14 and 2016-15) – Jason Hrycyshyn (presentation)**

- Comments and suggestions received by ESA were reviewed and changes made to the bulletin
- There was discussion about specific equipment (e.g. – switches that are cut in and out during construction or maintenance) being included in this bulletin
- ESA was also asked if length of time the equipment was in use or if the site was barriered off impacted the direction of the bulletin
- The bulletin also addresses the reuse of equipment that resides on a truck and is not returned to stores. If the equipment is returned to stores the Construction Verification Program (CVP) addresses the reuse of equipment. If the equipment is not returned to stores this bulletin outlines how a LDC can meet its obligations under Regulation 22/04
- ESA was provided some additional feedback in the meeting and will review that information to see if revisions are required. LDCs were requested to submit their input via email to help with the details in the bulletin



6 Transformer Configurations and Customer Services Working Group

(Action Item 2016-03) – Jason Hrycyszyn (presentation)

- The working group had its first meeting and the transformer expert has enough information to draft a document
- Based on the discussion in the working group this document will include 3 wire grounded secondary installations, single phase T-Tap services and distributed generation
- ESA has indicated a draft document should be ready for UAC review in 4-6 months

7 Generator and Storage Working Group – Jason Hrycyszyn (presentation)

- The initial working group meeting was held January 17, 2017
- A draft proposal was sent to the working group with their suggestions incorporated
- After comments are received from the working group ESA will review the document to make sure it aligns with Regulation 22/04

8 Guideline for Reporting Serious Electrical Incidents (revised) – Martin Post (presentation)

- The working group had a second meeting on February 7, 2017 to review the proposed revised guideline
- The working group asked for some minor changes which have been incorporated
- ESA was asked about specific scenarios including that are discussed in the guideline:
 - o A line comes to the ground and the area is controlled/barriered or the protection operates
 - o The neutral coming to the ground
 - o Pole being hit in a vehicle accident (transformer on the pole or not)
 - o A member of the public digging into an underground line
- ESA will review protection operating and reclosing in different cases to ensure the direction in the guideline is clear
- ESA will look more at the potential of critical injury or death from an underground contact
- Questions were asked about the reporting form
 - o ESA will change the field 'Name of Victim' to 'Name of Person(s) Involved'
 - o Company Information is requesting information on the company of the worker involved in an incident
- Some LDCs had indicated they would rather see an incident reportable if conductors are exposed regardless of protection operating or not
- Questions were asked about the updated guideline and how it related to the LDC Scorecard. The guideline provides better direction on what a LDC is obligated to report to ESA under Regulation 22/04. The LDC Scorecard uses a subset of this data for Component C.
 - o A LDC may contact ESA to discuss the data before being uploaded to the OEB's portal



Electrical Distribution Safety

- The OEB has indicated that the LDC can use the MD&A to provide context around the numbers on the LDC Scorecard
- The Council had asked that the tweaks asked for be reviewed and changes made before endorsing the revised guideline
- ESA has indicated that it will look at the requested changes and that the minor changes would not change the guideline. ESA would like to get the Council's endorsement of the revised guideline with the examples relating to incidents involving underground infrastructure removed. The examples will be reviewed and added in at a later date.

Motion: To endorse the revised Guideline for Serious Electrical Incident Reporting v4.0 (the examples relating to incidents involving underground infrastructure removed. The examples will be reviewed and added in at a later date.)

Motioned by: Peter Petriw

Second: Joe Saunders

None opposed

ACTION: ESA will review operation and reclosing in different cases (overhead and underground) to ensure the direction in the guideline is clear – Martin Post (Action Item 2017-1-01)

ACTION: ESA will review any previously reported incidents for the potential of critical injury or death from an underground contact – Jason Hrycyshyn (Action Item 2017-1-02)

9 UAC Work Plan – Farrah Bourre

- The 2017 to 2018 work plan was reviewed
- Based on discussion at previous Council meetings it was decided to update the work plan to schedule for 3 meetings per year and a 4th meeting if necessary
- The suggestion was made to review the guidelines associated with Regulation 22/04 on a more regular schedule and make changes if necessary or reaffirm if no changes are needed

ACTION: Update the work plan to show 3 meetings per year and a fourth meeting if necessary – Farrah Bourre (Action Item 2017-1-03)

ACTION: Add to the work plan a schedule to review all the guidelines associated with Regulation 22/04 to review with the intent of updating or reaffirming each guideline on a regular schedule – Farrah Bourre (Action Item 2017-1-04)



10 Community Powerline Safety Alliance – Patrick Falzon (presentation)

- The Powerline Safety Best Practice for Dump Truck Operators has been completed and is available on the [ESA website](#)
- The Best Practice and safety materials will be sent out to dump truck operators and construction companies and promoted through IHSA Regional Committee meetings and trade sector meetings, LDC contractor safety days and Dump Truck Association meetings

11 Powerline Safety Week – Farrah Bourre (presentation)

- Powerline Safety Week is May 15th to May 19th
- The 2017 Powerline Safety Strategy was discussed
- Various mediums for spreading the message were outlined along with the different materials that have been produced and that will be used
- The [LDC Toolkit](#) and co branding opportunities were discussed

12 ANC Non-Conductive Fence System – Gary Lemon, Amico Canada (presentation)

- Information was shared on the ANC Non Conductive Fencing
- The Council had questions about the fencing's ability to stand up to the temperature extremes experienced in Ontario
 - o The fence system has been used in many different environments and there have been no reports of issues where temperature extremes are experienced
 - o The fence is also resistant to road salts and solutions
- The fence should last longer than other options like chain link and wood
- There are currently no Canadian standards to test the ANC Non Conductive Fencing to, but all testing on the fence has been done by third parties and those testing reports are available
- A Utility in Northern Ontario has purchased the ANC Non Conductive Fence system and it is also used by water treatment facilities in Canada

13 Meter Incidents – Normand Breton (presentation)

- ESA has been made aware of several recent meter related fires some of which involved older vintage A type meter bases with S type adapters
- ESA is currently investigating and will provide updates when available

14 Mitigation of Pole Top Fires Best Practice – Patrick Falzon (presentation)

- The Best Practice is complete and available on the [ESA Website](#)



15 Update on the Proposed Regulatory Amendments to O.Reg. 22/04 – Carita Edwards (presentation)

- The process to date and next steps on the proposed regulatory amendments to O.Reg. 22/04 were shared
- The Ministry of Government and Consumer Services is proposing amendments to the Electrical Distribution Safety Regulation (O. Reg. 22/04) under Part VIII of the Electricity Act, 1998. Please see the following link:
<http://www.ontariocanada.com/registry/view.do?postingId=23703&language=en>
- The ministry encourages interested stakeholders to provide feedback by April 3, 2017
- The consultation contains a few questions that the Ministry of Government and Consumer Services would like LDCs to answer

19 Next Meeting

The next meeting will be held **Thursday May 25, 2017**

The location of the next meeting will be:

The Centre for Health & Safety Innovation at 5110 Creekbank Road, Mississauga.

Motion: To Adjourn the Meeting

Motioned by: Greig Cameron

Second: Hani Taki