



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

Utility Advisory Council Members

ULDC/Owner-Operator

Alectra Utilities	Paul Kuner
Burlington Hydro	Joe Saunders
Festival Hydro	Ysni Semsedini
Guelph Hydro	Michael Wittemund
Hydro One	Darren Desrosiers
Hydro One - Transmission	Hemant Barot
Hydro Ottawa	Mike Wyndham
Kitchener-Wilmot Hydro	Greig Cameron
London Hydro	Greg Sheil
Newmarket-Tay Hydro	Gaye-Donna Young
Orillia Power	
Toronto Hydro	Hani Taki
Veridian	Peter Petriw

Government/Regulatory

CSA Group	Tania Donovska
IHSA	Dean Dunn
Ministry of Energy	
Ministry of Labour	Vacant
Ontario Energy Board	Stephen Cain

General Interest

Bell Canada/Telecom Industry	Tony Pereira
Consumer Advisory Council	
Industry Advisory Council	Vacant
OACETT	
Ontario Electrical League	
Ontario Sewer & Watermain Construction Association	
ORCGA/Excavating Industry	
Power Workers Union	

Other Attendees

Brian Elliott (Lakeland Power Distribution Limited), Kathryn Farmer (Electricity Distributors Association), Mary Beth Fazzari (Ministry of Government and Consumer Services), Lori Gallagher (Utilities Standards Forum), Rob Kamranpoor (Hydro One Networks Inc.), Rob Koekkoek (Orangeville Hydro Limited), Mike Ploc (Peterborough Distribution Incorporated), Michelle Levesque (Natural Resources Canada), Murad Hussain (Bell Canada)

ESA Attendees

Farrah Bourre, Normand Breton, Tatjana Dinic, Patrick Falzon, Jason Hrycshyn, Martin Post, Ted Olechna, Joel Moody



1 Notice & Quorum

- Did not have quorum at this meeting

2 Financial Update – Normand Breton

- The fee formula will remain the same for 2018

3 Implications of referencing CSA standard CAN/CSA-C22.3 No.61936-1 in Regulations 22/04 (Action Item 2017-2-01) – Jason Hrycyshyn (presentation)

- All were in favour of referencing CSA standard CAN/CSA-C22.3 No.61936-1 in Regulations 22/04
- ESA was asked what having another option in the regulation would mean
 - o This would provide an additional standard that LDCs may use to meet their obligations under the regulation

4 Clean Growth and Climate Change Program - Michelle Levesque of CanmetMINING / Natural Resources Canada / Government of Canada (presentation)

- Natural Resources Canada is looking to replace diesel powered equipment (in mines) with a clean energy alternative
- The status, challenges, and future plans were shared with the Council

5 Create a survey to look into the uses of cable limiters within various LDCs (Action Item 2017-2-02) – Jason Hrycyshyn (presentation)

- ESA brought some proposed questions forward to create a survey to send to LDCs
- Through discussion it was decided the best approach for this question would be to take it to the USF



6 Clearances to Overhead Lines and Customer Maintenance Requirements (Action Item 2013-12) – Ted Olechna

- ESA has a document on clearing vegetation in close proximity to customer owned equipment that has not been published
- ESA will clean up the document and publish to the website
- The Council was in agreement that they would like to see this document published
- ESA was asked about non-vegetation maintenance and ESA responded that that is not part of the documentation
- ESA was also asked about providing this to Municipalities
 - o ESA has 2 documents available on online
 - [Trimming Trees Around Powerlines](#), and
 - [Planting Under or Around Powerlines & Electrical Equipment](#)

ACTION: ESA will clean up the 'Tree Trimming Clearance to Customer Owned Powerlines' document and publish to the ESA website. Patrick Falzon (Action Item # 2017-03-04)

7 Bulletin: DIB-06-12 Meter Base Mounted Transfer Devices update – Jason Hrycyszyn (presentation)

- As there is currently no Canadian Standard on meter base mounted transfer devices ESA has made the decision to accept devices certified to the UL Standard UL1008M as approved equipment
- Once a Canadian standard is available ESA will review this direction

8 Bulletin: Factors to Consider for Damaged Consumers' Services During Emergencies 2.0 – Martin Post (presentation)

- This bulletin is intended to provide guidance to Local Distribution Companies, during emergencies only, when LDC line crews need to decide whether to disconnect a residential customer's service or leave the service energized
- There were questions about how bent a mast has to be before it is considered unsafe and needs to be disconnected
 - o The decision should be made by a competent person and it is suggested the err on the side of caution
- In emergencies ESA will have inspectors in the area and the LDC and ESA can work together to resolve issues that arise
- Some LDCs will have other staff pre scouting areas ahead of the crews to identify and prioritize issue and this bulletin will assist in the decision making process



9 LDC Report – Farrah Bourre

- The LDC Report was handed out to the Council to review
- Any questions can be directed to [Farrah](#)
- The [LDC Report](#) can be found on the ESA website

10 LDCs Performing LEC Work – Patrick Falzon (presentation)

- ESA encountered an issue where a LDC provided a service layout instructing the customer to run customer owned secondary up a LDC pole in conduit along with a weatherhead (service mast). The customer performed the work and came within 1m of the overhead primary lines
- Several LDCs indicated in this situation the customer is instructed to coil the wire at the base of the pole and leave the guard for the LDC staff to complete the connection
- ESA advised those present that since the work is past the demarcation point the work should be done by a licensed electrical contractor (LEC)
- ESA will take the feedback received and review the draft bulletin

11 Building Code and LDC Co-ordination – Darren Desrosiers of Hydro One (presentation)

- Clearances to LDC equipment in not always considered during new construction
- Structures built encroach on LDC equipment and pose a danger to workers and the public
- Hydro One is asking ESA to have an awareness campaign that addresses the issue of construction taking place without consideration or LDC equipment
- This is as issue that other LDCs have also experienced as well as other jurisdictions in Canada
- ESA had an awareness campaign where we met with Building Officials at their Chapter meetings (Ontario Building Officials Association) to discuss construction encroaching on LDC infrastructure and that proximity to distribution lines is in the Ontario Building Code
- ESA also published an article in the Ontario Building Officials Association Journal
- It was suggested that ESA could put another article in the Ontario Building Officials Association Journal in Issue 93/March 2012 (p.47)

12 Review / Reaffirmation of Guidelines – Darren Desrosiers of Hydro One (presentation)

- The Council has asked ESA to review all current guidelines and to have a revision/validation schedule
- ESA provided a list of current guidelines and the date of last revision and some potential options for a review of the guidelines
- The ESA will create a schedule of Guidelines to be reviewed and look for the UAC to endorse the schedule then create working groups to review each guideline on the schedule

ACTION: ESA will create a schedule of Guidelines to be reviewed for UAC endorsement and create working groups to look after the review of each guideline. – Martin Post (Action Item # 2017-03-02)



13 Generators installed without prior contact with the LDC or ESA – Greg Sheil of London Hydro (presentation)

- If a solar installation is being installed in parallel with the grid, load displacement or off grid ESA will issue a connection authorization to the LDC
- ESA also has a database of known solar installations for first responders that can be accessed before they attend a scene to determine if a solar installation exists at the location
- Through the use of smart meters London Hydro has been able to find customers that have a solar installation they have not been made aware of
- London Hydro is asking ESA and the Council
 - o Can ESA look into developing a provincial campaign to address the potential hazards associated with connecting a Distributed Energy Resource (DERs) without the knowledge of ESA or the LDC?
 - o Can utilities develop best practices for dealing with Distributed Energy Resources (DERs) being installed, without the knowledge of the LDC or ESA, so there is consistency among utilities?

ACTION: Can ESA look into developing a provincial campaign to address the potential hazards associated with connecting a Distributed Energy Resource (DER) without the knowledge of ESA of the LDC? – Normand Breton (Action Item # 2017-03-05)

ACTION: Can utilities develop best practices for dealing with Distributed Energy Resources (DERs) being installed, without the knowledge of the LDC or ESA, so there is consistency among utilities? – Greg Sheil (Action Item # 2017-03-06)

14 Public Review |CAN/UL 2735C, Standard for Electric Utility Meters for Canada – Ted Olechna

- The link for the public review of [CAN/UL 2735C, Standard for Electric Utility Meters for Canada](#) was sent to the Council by email

15 Meter fires in Saskatchewan caused by wire pulling – Martin Post and Jason Hrycyshyn (presentation)

- A series of fires occurred in Saskatchewan due to the underground secondary wires separating from the meter base due to ground movements
- CEATI has been working with SaskPower regarding this issue
- ESA asked the UAC if they are seeing this issue within Ontario. The UAC responded that they are not experiencing this issue
- ESA asked the UAC if they would support working with CEATI in regards to this issue
 - o The UAC supported ESA reissuing the survey to all Ontario LDCs
 - o ESA will collect the data and forward to CEATI and report back to the UAC



- 16 Revision to The Guideline for Reporting Serious Incidents – Martin Post (presentation)**
- The Guideline was revised to incorporate the amendments to the Regulation. It can be found on the [ESA website](#).
 - The revisions were discussed and ESA was asked about adding a new section where the LDC could put the date it was realized it was an incident.
 - o The advice to LDCs is to include this date in the comments section of the report

- 17 LDC notifying ESA of non LDC asset safety concern (Action Item 2013-07) – Jason Hrycyshyn (presentation)**
- ESA has been able to set up system generated emails to be sent to a LDC to confirm receipt of a code side safety concern and confirm that a code side safety concern has been closed
 - These confirmations can only be sent by email and cannot be received through the LDC web portal.

New Business

- 18 Quorum**
- The Council has been having a challenge with attaining quorum at meetings
 - The Chair has asked ESA to look at ways to ensure quorum is met at all meetings

ACTION: ESA will bring solution(s) to the next UAC meeting on how to fix the issue of quorum at meetings.
– Farrah Bourre (Action Item #2017-03-03)

- 19 Meeting Dates for 2018**
- February 15, 2018 – The Centre for Health & Safety Innovation at 5110 Creekbank Road, Mississauga (Boardroom E)
 - June 5, 2018 – The Centre for Health & Safety Innovation at 5110 Creekbank Road, Mississauga (Boardroom E)
 - October 10, 2018 – The Centre for Health & Safety Innovation at 5110 Creekbank Road, Mississauga (Boardroom E)

20 Next Meeting

The next meeting will be held **Wednesday November 29, 2017**

The location of the next meeting will be:

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

Meeting Adjourned