



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

Utility Advisory Council Members

Utility	
Burlington Hydro	
Enersource Hydro	Paul Kuner
Festival Hydro	Ysni Semsedini
Guelph Hydro	Manoj Manjunath
Hydro One	Lyla Garzouzi
Hydro One - Transmission	
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	
Veridian	Arthury Berdochevsky
Government/Regulatory	
Ministry of Energy	Vacant
Ministry of Labour	Vacant
Ontario Energy Board	
Safety Organizations	
IHSA	Dean Dunn
System Infrastructure	
Bell Canada/Telecom Industry	Tony Pereira
CSA Group	Zahraa Al-Ali
ORCGA/Excavating Industry	
Trades & Professions	
OACETT	
Ontario Electrical League	
Power Workers Union	Jenn Vautour
Consumers/Councils	
Consumer Advisory Council	
Industry Advisory Council	Vacant

Other Attendees

Darren Desrosiers (Hydro One), Bruce Lang (Hydro Ottawa, Craig Smith (Veridian), Murad Hussain (Bell), Jim Gillis (Cogeco)

ESA Attendees

Normand Breton, Martin Post, Jason Hrycyshyn, Patrick Falzon, Nansy Hanna

Webinar Attendees

Marvio Vinhaes (ENWIN Utilities), Mike Ploc (Peterborough Distribution), Rob Van de wetering (Kenora Hydro), Stephen Cain (OEB), Mary Beth Fazzari (MGCS), Rob Koekkoek (Orangeville Hydro)



1 Notice & Quorum

- The meeting did not have quorum

2 Minutes of UAC Meeting

- Minutes of the May 19, 2016 meeting and October 6, 2016 meeting were not reviewed or approved due to the meeting not having quorum

3 Review of Action Items

- Item 2013-07 – LDC notifying ESA on non-LDC asset safety concerns
 - o Groundwork has been completed with the Customer Service Centre
 - o Working with Legal to determine what ESA can and can not provide back to the LDCs based on privacy laws
 - o ESA will bring feedback to the UAC at the next meeting
- Item 2016-04 – Investigation information sharing with LDCs
 - o ESA will have this added to the agenda for the next UAC meeting
- Item 2016-08 – DB-03/16 Life Saving Equipment Damage from Temporary Overvoltage
 - o ESA will have this added to the agenda for the next UAC meeting

4 Delta to Wye Working Group Update: Looking at transformer configurations and customer services – Jason Hrycyshyn (presentation)

- Transformer experts have been retained
- LDCs have been sent a request for volunteers to participate. A response was requested by December 15, 2016.

5 Utility Owned Generation and Energy Storage Working Group Update – Jason Hrycyshyn (presentation)

- ESA has had a lot of interest in participating in this working group
- LDCs have expressed interest at listening in to the meeting. ESA has agreed to provide phone conference information for LDCs not on the working group to listen to the discussion

6 ESAs plan for Updating the Regulation 22/04 Referenced Standards and Codes – Jason Hrycyshyn (presentation)

- The Ontario Government initiative to update standards referenced in regulation is ongoing
- Regulation 22/04 currently references withdrawn standards
- LDCs want to make sure that an adequate transition period is provided by the Regulator when new standards need to be met with the regulation



Electrical Distribution Safety

- CSA is currently on a 5 year cycle for the Overhead and Underground standards, and there is a push to shorten the cycle
- Both ESA and the Ministry will hold their own consultations on regulation changes

7 Surge Arresters for Protection of Underbuild Overhead Distribution Circuits – Greg Sheil (London Hydro) (presentation)

- When an event occurs that causes a high voltage primary line to fall and contact the under built primary line of a lower voltage, London Hydro has installed a protection system
- London Hydro has installed station class arresters on the under built line
- London Hydro's experience has been in areas where a line on line event has occurred, the arresters have operated as intended and that zero damage claims were reported

8 UAC Member Survey – Normand Breton (presentation)

- Survey results were shared with the UAC
- ESA was asked if it would make sense to complete the UAC Member Survey at a meeting to get a higher response rate
- CSA has experience with collecting feedback at the end of meetings

ACTION: Communications to expand on the material available to the LDCs for the public at the next UAC meeting – Communications (Action Item 2016-09)

ACTION: ESA to provide more pre-read materials to the UAC – Powerline Safety (Action Item 2016-10)

ACTION: UAC would like to be involved at earlier stages of projects/initiatives – Normand Breton (Action Item 2016-11)

ACTION: ESA to show to the UAC how their feedback is being taken back and used within ESA - Normand Breton (Action Item 2016-12)

ACTION: ESA to look into the possibility of doing the UAC member survey at a UAC meeting – Farrah Bourre (Action Item 2016-13)

9 OESC Rule 30-1030: Update to OESC Bulletin #30-14-0 – Patrick Falzon (presentation)

- OESC Rule 30-1030 Grounding and bonding of non-current-carrying metal parts pertains to lighting equipment installed on privately owned poles
- OESC Rule 30-1300(2) Roadway lighting systems - Grounding and bonding of roadway lighting luminaires shall be as required by the authority having jurisdiction over the infrastructure installed on the public right-of-way (I.e. on LDC owned poles the LDC makes the decision as to grounding and bonding requirements)
- OESC Rule 30-1300(3) references CSA 22.3 No. 1 for the purpose of roadway lighting systems
 - o Clause 5.10.1.2 states luminaires and associated brackets shall be effectively grounded unless they are located more than 1m above the communication plant



10 Regulation 22/04 Bulletin: Energized Temporary Distribution Work – Jason Hrycyshyn (presentation)

- ESA presented a DRAFT bulletin for comments. The bulletin addressed compliance with Regulation 22/04 with respect to incomplete or temporary installations that will be energized and are recurring
- ESA will require compliance with Regulation 22/04 and the bulletin specifically highlights sections 6-8
- Council requested additional information regarding equipment brought back for reuse.
- ESA was asked about supporting poles with a truck for a few days. ESA will look into this
- Questions were asked about other common practices LDCs have and ESA requested this information be [emailed to ESA](#) to ensure the scope of the bulletin is accurate

ACTION: ESA to look into if trucks supporting poles would be included in the bulletin addressing Energized, Recurring Temporary Distribution Work – Jason Hrycyshyn (Action Item 2016-14)

ACTION: ESA to review other common LDC practices to see if they are part of the scope of the bulletin addressing Energized, Recurring Temporary Distribution Work – Jason Hrycyshyn (Action Item 2016-15)

11 New Construction and Proximity to Distribution Lines – Patrick Falzon (presentation)

- ESA had attended Chapter meetings to meet with a number of building officials from around the province to make sure they were aware of the requirements in the Ontario Building Code with respect to proximity to overhead lines
- ESA is following up with the UAC to see if LDCs are still experiencing issues with structures being built in close proximity to their distribution lines
- LDCs are still experiencing issues with structures being built in close proximity to their distribution lines. Many times a LDC is only made aware of the construction when they are asked for a connection and the structure is already complete
- LDCs that have service territories that cover more than one municipality are experiencing issues with a lack of consistency between municipalities
- During the Chapter meetings Building Officials have indicated that when drawings are submitted for review to the municipality they only show the immediate property and do not show existing infrastructure, such as poles, located on or adjacent to the property
- The LDCs have asked ESA to follow up with the municipalities and the LDCs are willing to partner with ESA in this communication

ACTION: Feedback on new construction and proximity to distribution lines to be provided to ESAs Strategic Advisory Group as a proposed work plan item – Normand Breton (Action Item 2016-16)



12 Compliance Assessment Overview – Martin Post (presentation)

- An overview of LDC compliance in 2015 with Regulation 22/04 was presented

13 Auditor Debrief – Martin Post (presentation)

- The questions and discussion from the 2016 Auditor Debrief were shared with the UAC
- ESA was asked if lines and equipment being rebuilt and energized in stages, but not taken out of service, if this is considered partial energization
- LDCs asked what ESA considers controlling an Audit. Some examples are preventing access to certain staff or records would be considered controlling
- There were questions about lines being worked on while still energized and if there are any section 8 requirements upon completion of work. Section 8 has requirements before putting a distribution system into use and as they have not been taken out of use there are no section 8 requirements

14 2017-2018 UAC Work Plan – Normand Breton

- This item was deferred to the February 2017 meeting

15 Investigation Pilot – Nansy Hanna (presentation)

- Background on the Pilot Programs for LEC Record of Work and Investigation was provided
- ESA has asked LDCs to provide a notice to ESA whenever a change of account takes place in a non-residential location as these changes of account do not always require a connection and typically indicate that electrical work will be done
- LDCs had questions around privacy and what information, if any, they would be allowed to provide
 - o LDCs currently participating in the pilots have all looked into what information they can provide
- It was suggested that LDCs could be notifying ESA of a potential safety concern if work is being done at a location

New Business

16 UL Billing Meter Standard – Jason Hrycyshyn

- The first draft went out for consultation
- Comments have been incorporated and a new revision will be released soon for public consultation



17 Guideline for Excavation – Martin Post

- Comments have been received by ESA and ESA will be discussing these with TSSA
- ESA has also indicated that they will determine if it is necessary to be meet with ORCGA and On1Call to review the Guideline
- TSSA has also done an internal review and have some changes they would like to discuss with ESA

18 Number of UAC Meetings per Year – Normand Breton

- ESA has asked about a revision to the number of meetings per year outlined in the Terms of Reference (TOR). ESA would like to update the TOR to read that the UAC would meet up to 4 times per year.
- ESA feels that Council meetings should also be conducted face to face with the members
- The [UAC Terms of Reference](#) in the section titled Meetings the first point states ‘the council meets at least 3 times per year’.

19 Next Meeting

The next meeting will be held **February 23, 2017**

The location of the next meeting will be:

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

Meeting Adjourned