



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

Utility Advisory Council Members

Utility	
Burlington Hydro	Joe Saunders
Enersource Hydro	Ray Bou
Festival Hydro	Ysni Semsedini
Guelph Hydro	
Hydro One	
Hydro One - Transmission	Ajay Garg
Hydro Ottawa	Casey Malone
Kitchener-Wilmot Hydro	Lloyd Frank
London Hydro	Greg Sheil
Newmarket-Tay Hydro	Gaye-Donna Young
Orillia Power	Chris Burrell
PowerStream	Doug Fairchild
Toronto Hydro	Sheikh Nahyaan
Veridian	Peter Petriw
Government/Regulatory	
Ministry of Energy	
Ministry of Labour	
Ontario Energy Board	Stephen Cain
Safety Organizations	
IHSA	
System Infrastructure	
Bell Canada/Telecom Industry	
CSA Group	
ORCGA/Excavating Industry	
OSWCA	
Trades & Professions	
OACETT	William Schwarz
Ontario Electrical League	
Power Workers Union	Jenn Vautour
Consumers/Councils	
Consumer Advisory Council	Joan Pajunen
Industry Advisory Council	Vacant

Other Attendees

Greig Cameron (Kitchener-Wilmot Hydro Incorporated), Lori Gallagher (Utilities Standards Forum), Jim Gillis (Cogeco Cable Incorporated), Jeff Guilbeault (Peterborough Distribution Incorporated), Afreen Khan (Electricity Distributors Association), Rob Koekkoek (Orangeville Hydro Limited), Stephanie Martin (Ministry of Consumer Services), Daria Babaie (Ontario Energy Board), Ben Baksh (Ontario Energy Board), Lorie Gardner (Hydro One Networks Incorporated)

ESA Attendees

Farrah Bourre, Normand Breton, Patrick Falzon, Jason Hrycshyn, Joel Moody, Ted Olechna



1.0 Notice and Quorum

- The council did not have a quorum at this meeting
- Joe Saunders, Jenn Vautour, Geig Cameron, Daria Babaie, Ben Baksh, Catherine Ethier were welcomed to their first meeting

2.0 Review of the February 27, 2014 and May 22, 2014 meeting minutes

- The minutes of the February 27, 2014 meeting and May 22, 2014 meeting were not approved as the council did not have quorum

Updates

3.0 LDC Scorecard – Normand Breton

- ESA has sent out invitations to form the working group
- The 1st meeting is to be held October 21, 2014

4.0 Section 75 Update – Ted Olechna

- Section 75 changes are posted on the [ESA website](#) for public consultation
- Section 75 is a private distribution high voltage installation standard
- The working group that updated section 75 consisted of private industry, LDCs and ESA
- The consultation is on changes submitted by the working group
- The consultation runs from Thursday September 18, 2014 to Monday November 3, 2014

5.0 Street Lighting Working Group to Reconvene – Ted Olechna

- With the push to upgrade street lighting to LEDs it was decided to review the current [street lighting guideline](#) and address many of the issues that have arisen through an update to the guideline
- The suggestion was made to include in the discussions cases where just the ballast is changed to an LED and all other equipment remains unchanged
- Several questions were raised around the clearance between utility and communication infrastructure on joint use poles and the safety of the communications workers working on the communication equipment. It was decided to add this to the agenda of the December 2014 UAC meeting
- ESA is looking to have the first meeting towards the end of October

6.0 Financial Update – Normand Breton

- There are no proposed changes to the fee formula for next year

7.0 UAC Member Survey – Farrah Bourre (presentation)

- Big increase in the number of respondents from the 2013 to 2014 survey
- Overall results were positive and there are a few areas that ESA will be working on



8.0 Nominations for Vice-Chair – Farrah Bourre (presentation)

- ESA will be sending out a call for nominations for Vice Chair of the UAC
 - Vice Chair election will be done at the December 2014 meeting
 - The Vice Chair fills in for the Chair if the Chair cannot make the meeting
 - The question was raised about why there is no limit on how long the term is for a Vice Chair
- ACTION (2014-06):** Find out the reasoning behind no term limit for the position of Vice Chair (Farrah Bourre)

9.0 Manby Outage – Ajay Garg (presentation)

- Loading can quickly change the sag on transmission conductors
- Transmission conductors can continually operate at 150°C
 - o Hydro One has some circuits that operate around this temperature continuously
 - o New conductors are being used that can carry more power and they use them in special circumstances
- When Hydro One makes changes they will notify any Utility that has underbuild

10.0 Regional Infrastructure Planning – Ajay Garg (presentation)

- OEB endorsed the Process Planning Working Group Report
- An overview of the Regional Infrastructure Planning process was provided
- Interactions between OPA, OEB, transmitters and distributors and roles of each were discussed
- Hydro One provided links to their website and the OPA website where more information can be obtained

11.0 Updated Auditor Qualifications – Jason Hrycyshyn (presentation)

- ESA is looking to make a change to the Guideline for Audit
- The change will help people with a lot of industry experience and not much auditing experience to become Regulation 22/04 auditors
- ESA will not force an approved auditor to let a new auditor shadow them
- There was some concern about 30 days auditing experience in a 3 year period if all the auditing experience happened at the beginning of the 3 years
- Questions were raised about the auditor experience. Some utilities indicated that they preferred auditors with industry experience while others preferred a mix of industry experience and auditing experience
- It was questioned whether 24 hours of auditing experience was enough especially for auditing larger more complex utilities
- The suggestion was made that a mix of different size utilities would be good for auditing experience (x# of small, x# of medium and x# of large)
- It was commented that this change to the audit guideline is long overdue and will provide an opportunity for people with utility experience and not a lot of auditing background to become Reg 22/04 auditors

ACTION (2014-07): Provide some additional options for auditor requirements and send to the UAC before the December 2014 meeting for comments (Jason Hrycyshyn)

12.0 Update List of Approved Auditors – Jason Hrycyshyn

- The most recent approved auditors bulletin was show to the UAC



Electrical Distribution Safety

- ESA is actively looking to make the list of approved auditors larger
- ESA was asked about the use of internal auditors and what requirements the auditor would have to meet
 - o An internal auditor would have to meet all the same requirements as any other auditor.
 - o ESA takes a close look to ensure they are independent of the work being audited, they can carry out their work freely and objectively. All auditors, including internal auditors shall render impartial and unbiased judgements while auditing.

13.0 Introduction of New Auditor – Jason Hrycyshyn and Catherine Ethier

- Catherine introduced herself and gave a background of her experience with respect to the Utility Industry and Auditing and gave a brief overview of what Burman Energy does
- ESA encouraged the LDCs to consider hiring newly approved auditors to ensure they remain in the approved auditing pool

14.0 Serious Incidents – Patrick Falzon (presentation)

- Incidents were reviewed
- It has been observed that we are experiencing more contacts in areas where there is zero clearance
- Patrick has been out talking with building departments and city officials about proximity of powerlines to buildings
- It was suggested that the issues of ladders contacting powerlines may not be solved by changing clearances as the choice of work platform may not have been appropriate for the location

15.0 Guy Guards (compliance with CSA 22.3 No 1) – Jim Gillis (presentation)

- Someone from the Municipality didn't like yellow guy guards so they had the Utility change them to green
- CSA says guy guards should be conspicuous and it is felt that green does not meet this requirement
- The question was asked if there is enough data in the industry to support this change as being unsafe?

ACTION (2014-08): ESA to look at the issue of guy guard colour and bring some more information back to the UAC

16.0 Working Group Request: ESA/LDC Interactions when an overvoltage occurs that may affect customer owned life safety devices – Jason Hrycyshyn (presentation)

- ESA is looking to create a best practice that can be used when a temporary overvoltage occurs
- ESA will be sending out a request for volunteers

17.0 Copper Theft – Lorianne Gardner (Hydro One) (presentation)

- Lorie has been an investigator with Hydro One for 17 years, and the last several have been with copper theft only
- ~\$2 million worth of metal taken each year
- Security at many facilities has been upgraded



Electrical Distribution Safety

- The CEA submitted a Policy Paper suggesting a national plan to combat copper theft
- OPP now have a designated Metal Theft Crime Analyst
- LDCs should report all metal thefts to the police. Law enforcement will be engage as this is critical infrastructure
- “Metal Theft Affects Me” video from YouTube was shown

18.0 Cable Injection and Similar In-Field Refurbishment Work – Regulation 22/04

Implications (Action Item 2014-05) – Jason Hrycyszyn (presentation)

- ESA views work performed in the field no different than within a repair facility
- ESA suggested LDCs ensure their processes are in compliance by reviewing existing Regulation 22/04 guideline

19.0 2015 Meeting Dates

- Thursday February 26, 2015 – Updated
- Wednesday May 20, 2015 – Updated
- Thursday October 1, 2015
- Wednesday December 9, 2015 – Updated

New Business

- Farrah Bourre provide copies of ESA’s Annual Report for everyone in attendance
- Auditor Debrief
 - o It was asked that ESA present the Auditor Debrief meeting at the December UAC meeting so Utilities will have a chance to incorporate and update processes as required
- ESA was asked about the 2014 Ontario Electrical Safety Awards
 - o The award recipients can be viewed on the [ESA website](#)
- ESA’s Holiday Campaign
 - o The EDA has advised its members that ESA will be running a holiday electrical safety campaign
 - o ESA will present on the holiday campaign at our December 2014 meeting

20.0 Next Meeting

The next meeting will be held **Thursday December 11, 2014**

The location of the next meeting will be:

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

Meeting Adjourned