



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

Utility Advisory Council Members

Utility	
Burlington Hydro	
Enersource Hydro	Andrew Houston
Festival Hydro	Ysni Semsedini
Guelph Hydro	Michael Wittemund
Hydro One	CK (Chong Kiat) Ng
Hydro One - Transmission	
Hydro Ottawa	Edward Donkersteeg
Kitchener-Wilmot Hydro	Jerry Van Ooteghem
London Hydro	Greg Sheil
Newmarket-Tay Hydro	Gaye-Donna Young
Orillia Power	Chris Burrell
PowerStream	Doug Fairchild
Toronto Hydro	
Veridian	Peter Petriw
Government/Regulatory	
Ministry of Energy	
Ministry of Labour	Vacant
Ontario Energy Board	
Safety Organizations	
IHSA	
System Infrastructure	
Bell Canada/Telecom Industry	Tony Pereira
CSA Group	John O'Neil
ORCGA/Excavating Industry	Jim Douglas
OSWCA	
Trades & Professions	
OACETT	William Schwarz
Ontario Electrical League	Paul Krupicz
Power Workers Union	Brian Stratyckuk
Consumers/Councils	
Consumer Advisory Council	Joan Pajunen
Industry Advisory Council	Vacant

Other Attendees

Stephanie Martin (Ministry of Consumer Services), Jeff Guilbeault (Peterborough Distribution Incorporated), Rui Victal (Whitby Hydro Energy Services Corporation), Maurice Tucci (Electricity Distributors Association), Lori Gallagher (Utilities Standards Forum), Murad Hussain (Bell Canada), Jim Gillis (Cogeco Cable Incorporated), Greg Zettel (UTS Consultants), Jamie Uyede (UTS Consultants), Gino Rosati (Stresscrete Group)

ESA Attendees

Normand Breton, Jason Hrycshyn, Nancy Evans, Farrah Bourre, Nancy Hanna, Patrick Falzon, Kathryn Chopp, Ted Olechna



1.0 Notice and Quorum

- The council had a quorum at this meeting

2.0 Review of last meeting minutes and action items

- The minutes of the February 27, 2014 meeting were not circulated prior to the meeting
- We will circulate prior to the October meeting and motion for approval then

3.0 Welcome and Introductions

- Farrah welcomed Ysni and CK to their first UAC meeting in their new roles as Chair and Vice Chair
- Ysni was congratulated on his promotion to President and CEO of Festival Hydro
- Jerry Van Ooteghem announced that this will be his last meeting representing Kitchener-Wilmot Hydro on the UAC. Another representative from Kitchener-Wilmot Hydro will be joining the UAC for the next meeting. Jerry has been involved with Regulation 22/04 from the beginning and was very involved in the writing of the regulation. Thank you for your dedication and effort over the years.

Updates

4.0 LDC contact information for normal and emergency connection authorizations (Action Item 2014-03) – Normand Breton

- All Utility main contacts received a request for contact information (sent April 11, 2014)
- ESA has a little over ½ of utilities responded so far

5.0 Section 75 Update – Patrick Falzon (see presentation)

- Section 75 is an Ontario Code Amendment for the requirements for building customer owned overhead systems
- ESA is doing a cleanup of section 75, revising and updating tables and specs
- Dates from the process were given
- The updated section 75 would be enforceable by ESA 6-9 months from when the provincial government approves it
- Section 75 includes a tree trimming requirement

6.0 Refurbishment of Major Equipment (Action Item 2013-20) – Jason Hrycyshyn

- ESA is currently reviewing PowerStream's latest submission
- This process began with transformers but ESA decided it should include all major equipment
- Once the process is complete ESA will have a template that will be available for other utilities to use
- ESA was asked if cable injection would fall under refurbished equipment – ESA will need to take this item back and review it before giving an answer



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- It was asked if C2C is considered new equipment because when you get a refurbished transformer it may not have any parts from your original transformer. Parts are put together based on what is needed and can't be built the same way each time so it would be considered refurbished.
 - The process is almost completed and ESA anticipated sending a bulletin out very soon
- ACTION (2014-05) – ESA to look into whether cable injection falls under refurbished equipment
- ACTION (2014-01) – ESA to create a bulletin about the refurbishment of major equipment

7.0 Administrative Monetary Penalties (AMPs) Update – Nancy Evans

- ESA was recently updated by the Ministry of Consumer Services (MCS)
 - o The Ministry is reviewing all the comments they received and incorporating many of them. As a result they will be moving forward with a modified proposal

8.0 2014 UAC Member Survey – Farrah Bourre

- UAC members will be receiving the 2014 member survey very soon

9.0 Corporate Strategy Overview – Nancy Evans (see presentation)

- The current Strategic Plan (5 year plan) and Business Plan (yearly plan) go to the end of fiscal year 2015 (March 31, 2015)
- Timelines of the process were reviewed
- Strategic Goal Areas are Safety, Compliance and Public Accountability

10.0 Audit Guideline and New Auditors – Jason Hrycyshyn (see presentation)

- ESA currently has a couple of potential auditors working their way through the approval process
- ESA reviewed the qualifications for Auditors set out in the Audit Guideline
 - o ESA has removed auditors from the list of approved auditors for not doing enough audit
- ESA holds an Auditor debrief meeting every year after the Audit have been completed to review trends and issues, provide direction on issues and receive feedback from the Auditors
- ESA is currently reviewing its Audit process to see if it can be updated or improved
- ESA was asked if the auditors are professional engineers
 - o Most of the auditors currently are professional engineers, however it isn't a requirement to perform the audits
- The question was asked about the possibility of moving audits to a biannual basis
 - o Section 13(1) specifies that audits be conducted on an annual basis. To change this would require the regulation to be changed
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11.0 Status of New Editions of CSA C22.3 No.1 and No.7 Standards for Overhead and Underground Systems – John O’Neill

- The current editions were published in 2010
- The new editions should be published mid 2015
- The committee is reaching the end of working on the technical content
- Public Review will happen towards the end of June 2014 and will remain open for a period of 60 days (consultations are posted on the CSA website)
- Some things being looked at
 - o Removal of linear design method for wood pole structures
 - o Including underground microduct installations for communications systems

12.0 Powerline Safety Week and Licensed Electrical Contractor Campaign Results – Kathryn Chopp (see presentation)

- The Powerline Safety Campaign was reviewed
- Preliminary results were given
- It was asked if a different message was required for roofers and siders
 - o Yes – based on the size of the companies and type of work they do. They also have a lot of direct contact with the consumer
- If a Utility provides a free disconnect/reconnect each year would this be a good message to get to customers?
- The [Association of Electric Utility Safety Professionals \(AEUSP\)](#) provides a forum for the free exchange of ideas and information among Safety Professionals at electrical utilities across Canada, and by extension, those contracting firms supporting the electrical utilities industry
- The [Powerline Deadly Dozen](#) website was reviewed. ESA wanted an interactive site that would engage the consumer

13.0 OEB Scorecard – Normand Breton

- The full report is on the [OEB website](#)
- A number of metrics will be provided by Utilities on a yearly basis for a scorecard
- The report talks about 5 new metrics, of which public safety will be one. The ESA will be working with the OEB to produce this metric
- The goal is to have this available for reporting starting April 2015
- ESA has had preliminary discussions with the OEB
- ESA will have consultations with its stakeholders in development of the metrics for public safety

14.0 Bell: Maintenance – Murad Hussain

- Bell Canada is proposing a 20 year cycle for inspecting its poles. That would be about 50,000 poles a year
- During this process Bell will be logging the GPS coordinates of each pole as well as making specific notes on it such as if it is a joint use pole
 - o Bell currently owns about 50,000 joint use poles
 - o Currently Bell is inspecting about 200,000 poles per year



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- When a technician visits a pole they do an inspection of the pole making note on several items including the condition of utility assets on the pole (guys, anchors, insulators, proximity of utility lines to Bell lines, etc.)
- Bell's is proposing to insert Cobra Rods into the pole. It has been suggested that using Cobra Rods will increase the life of a pole
- Bell is moving towards digital management of its poles
 - o Database of poles will be available to the Utilities
- Bell does not allow a utility pole to be in the middle of a Bell line. If this happens Bell will notify the utility that they are reclaiming the pole
- Bell currently replaces poles on a like for like basis
- Murad asked the utilities if they replace poles like for like or do they do all the calculations required for a new pole
 - o Some utilities do analysis pole by pole when they are replaced
 - o Most utilities favour the like for like replacement
 - o Other utilities use like for like unless there have been other issues in the area and then they will do some additional analysis before replacing the pole
- Murad was asked if utilities can piggyback on Bell's efforts when they are in the area doing pole line reviews
 - o Murad currently contacts the utility when they know Bell will be in the area to see if both parties can work together or the review

15.0 Distribution System Observations from a Utility Consultant – Greg Zettel and Jamie Uyede (UTS Consultants) (see presentation)

- UTS works with communications companies and utilities
- UTS has their own inspector or a 3rd party inspector that has been trained by them on how to inspect and what to look for before the P.Eng would sign off
- Discussed some of the issues they are seeing from both the utility and communications companies and their contractors
- Challenge between design and construction
 - o Design needs to be responsive to questions from construction and construction needs to ask the questions if the designs cannot be met
- Guying and anchoring should happen before stringing as they have seen poles bent because stringing was done first

16.0 Drilling Holes In Concrete Poles – Gino Rosati (Stresscrete) (see presentation)

- Steel in concrete poles is reoriented to fit the locations of holes for mounting equipment
- Each pole has a nameplate. This nameplate can be given to the manufacturer for locations of the steel and to see if the pole can be drilled or not
- If a hole is drilled and steel is found use 2 part epoxy to fill the hole (this will also protect the steel)
- There are 3 sealants that can be used on poles depending on the utilities specs

17.0 Luminaire Retrofit Project – Nancy Hanna (see presentation)

- There are requirements that the owner/contractor has to meet in order to satisfy ESA requirements for this program and obtain ESA certificate of inspection for retrofitted luminaires



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- They can use an approved kit product, apply for inspection and complete the required form or,
- They can obtain Field evaluation for the rero-fitted luminaires, apply for inspection, and complete the required form
- ESA should let municipalities know about this change as there is currently a big push to change all the street lighting to LEDs
- Expected to have this out by the fall of 2014
- The OPA doesn't currently require an ESA inspection certificate to get paid
 - The OPA contract says that all the required government approvals are needed, which would include ESA Certificate for inspection, but doesn't specifically reference ESA

18.0 CEC Proposal SN3859 Unbalanced Interconnection of electric power production sources – Nancy Hanna (see presentation)

- 64-112 Unbalanced Interconnections
- Nancy is looking for any comments on the change to 64-112 so she can take this to the CEC Committee

New Business

- No new business

19.0 Next Meeting

The next meeting will be held Thursday October 2, 2014

The location of the next meeting will be:

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

Meeting Adjourned