

9:00 am	<p>Membership Introductions & Housekeeping Items</p> <p>Attendees: Malcolm Brown, George Chelvanayagam, Mel Fruitman, Vladimir Gagachev, Rob Smith, Phil Lasek, Eerik Randsalu, Peter Olders, Dave Sinclair, Barry Buchanan, Tony Poirier</p> <p>Phone: Chris Magnusson</p> <p>Absent: Shaun Paulsen, Tim Pope, Pierre MacDonald</p> <p>Guests: Aisling O’Doherty, Farrah Bourre</p> <hr/> <p>New Items: General Discussion</p> <p>4-004 –Conductor Derating - Phil Lasek</p> <ul style="list-style-type: none"> • SLESF submitted 2 proposals for derating tech cable in cable tray. (Heat Issue) • Tatjana, Malcolm and Mining Industry have been involved with this. • 1 layer of cable in tray= no derating unless exceeds 3 conductors/ cable • 2 layers of cable in tray derates to 75% • Over 3 conductors in cable, derating means it is impossible to terminate on the device without putting in smaller conductors as the cable gets too big. • Too late for the CEC, would like to propose these for OA’s to the OESC. • Mining industry will also be expanding cable types to Messenger cable etc. Over sizing conductors becomes a cost issue as well. • Proposals will be specific to industry and LEC’s or Licensed Engineer design. <p>Code Change –Process related – Ted Olechna 2-004 change; Application for Inspection</p> <p>Looking at changing the wording to recognize that is it just an “Application”, with no guarantee of an Inspection (Dependent on the program ie. ACP)</p> <p>Electricity Act defines Inspection as the physical review of the installation which doesn’t recognize other compliance methods. (ACP, Lighting Retrofit, LECL)</p> <p>Section 86 – Rob Smith</p> <ul style="list-style-type: none"> • EV over 60 A/ 150 V a separate disconnect required (within site and 9 m) • Remoteness of the stations can be an issue. • People are figuring out how to bypass the software in the charging stations with respect to nuisance tripping. • Why is the disconnect required to be within sight/9 m? • Making it accessible opens it up to allowing people to bypass the disconnect to reset the machine etc. • The disconnect should be remote or inaccessible to public to not allow unauthorized persons access to the disconnect.
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- Should it be made lockable?
- ESA is aware of the issue. John Calabrese is the contact for this issue.
- May require a Bulletin and a Code change (OA) for the next Code.

Action: Rob to contact John Calabrese to review issues

Has been a Part 1 proposal to delete the Rule requiring the Disconnect switch for 80 A chargers, but it has been defeated at the subcommittee level.
Should this be re-proposed based on newer technologies?

Wording for Distributor, Transmitter and Generator – Ted

- These are covered under the OEB. Connection requirements fall under the OEB rules (Distribution System Code)
- Should the DSC recognize wording for Shall instead of Could as it relates to the Transmitter requiring a C/A
- May require an Appendix B Note to advise people that there are additional rules outside the OESC.

Section 18 & 20 Hazardous Area Classification changes

- Appendix J
- How does the Inspector handle the new Rules?
- Is there an opportunity for more training for the Field? New Rules have not been reviewed with the Field as CEC will not be out until 2018.

Next OESC Edition

Timeline for the new OESC? Extensive process. Timeline will not be shortened.
May follow 2015 Code release and delay the OESC by 1 year from the CEC.
Not determined yet.

Consumer Opinion vs AFCI technology?

- Cost is generally the most important factor for the consumer and are unaware of the Benefits of the safer technology
- Education is key to Consumer uptake
- Cost will always be a factor.
- ESFI has information regarding AFCI for public awareness
- Current Hydro Political environment is also an issue.

44 kV line Dumptruck Ad; Very effective

Is there value for Arc Fault devices at the 120 V level? Phil Lasek
Education (marketing) should focus on protection of children.



**Ontario Provincial Code Council
Meeting Minutes**

*May 18, 2017 9:00 am - 1:00 pm
McKenzie Room, Holiday Inn,
2565 Argenta Rd,
Mississauga*

	<p>Arc Fault Technology is not designed to recognize Arc Flash; it is to recognize Arc faults in the circuit.</p> <p>Action: <i>Agenda Item - Review of Brainstorming Session for next meeting</i></p> <p>For details on all Discussion topics below, please refer to the Presentations by Ted Olechna & Malcolm Brown</p>
9:15 am	<p>CSA - CEC Items for Discussion Presented by Ted Olechna</p> <ul style="list-style-type: none"> (1) Roofers and long screws (2) Bonding in EMT (3) PV Rapid shutdown (4) Suspended ceilings (5) AFCI and exemptions (6) Marina protection
10:45 am	<p>Power Over Ethernet/ Salt Storage/ Plan Review/Section 75 & CM Services Presented by Malcolm Brown</p>
11:15 am	<p>Utility after Storm Direction Presented by Ted Olechna</p>
11:45 am	<p>Changes to Section 64 & 86 Presented by Ted Olechna</p>
12:00 pm	<p>Building Code – EV Ready Dwellings Presented by Ted Olechna</p>
	<p>Proposed Next meetings: September 12 & December 12, 2017</p>