



Safety Codes Council

MINUTES OF THE FOURTH ELECTRICAL SUB-COUNCIL MEETING OF 2024

DATE: October 21, 2024

TIME: 9:28 a.m. to 1:36 p.m.

LOCATION: Safety Codes Council Office

PRESENT: *Sub-Council Members*

Gregory Briggs
Patrick Conway
Hussein Desouki
Gerry Doan, Vice Chair N
Tim Driscoll
Adam Ghani, Vice Chair South
Ken Hood
Nicolas Leblanc, Chair
David Myers
Clark Redden
Denny Smith
Barry Voogd
Ed Knaggs

Safety Codes Council

Allison Karch, Jennifer Johnson

Alberta Municipal Affairs

Kevin Glubrecht, Morgan Pendray-Frame, Cameron Doram, Paul Chang

REGRETS: Brad Dougherty, Bert DeBruin

GUESTS: Jason Drenth, EUSC Liaison; Curtis Smith

RECORDER: Jennifer Johnson

2025 MEETINGS: January 27, June 9

1. Meeting Opening

The Chair called the meeting to order at 9:28 a.m. A round table introduction was held and videoconference functionality was reviewed, and members were reminded that their primary duty is to act in the interest of safety in the built environment for the benefit of all Albertans.

1.1 Agenda Adoption

The following items were added to the agenda:

- 2.1.1. Nomination of Kevin Westera to represent Major Municipalities South

Tim Driscoll/Gerry Doan moved that the agenda be adopted, as amended; CARRIED

1.2 Adoption of the June 17 Minutes

Tim Driscoll/Hussein Desouki moved to adopt the minutes of the June 17 meeting, as circulated; CARRIED

2. Matters for Decision

2.1. Closed Session

Adam Ghani/Hussein Desouki moved to enter into closed session; CARRIED

Adam Ghani/Hussein Desouki moved to exit closed session; CARRIED

2.1.1. Nomination of Brad Fuhr to represent Petrochemical Industry

Ken Hood/Gerry Doan moved to recommend to the Board appointment of Brad Fuhr to the Electrical Sub-Council to represent Petrochemical Industry for a term ending January 31, 2028, effective February 1, 2025; CARRIED

2.1.1. Nomination of Brad Dougherty to represent Labour

Adam Ghani/Hussein Desouki moved to recommend to the Board reappointment of Brad Dougherty to the Electrical Sub-Council to represent Labour for a term ending January 31, 2028, effective February 1, 2025; CARRIED

2.1.1. Nomination of Pat Conway to represent Electrical Standards Testing/Certification Organizations

Hussein Desouki/Gerry Doan moved to recommend to the Board reappointment of Pat Conway to the Electrical Sub-Council to represent Electrical Standards/Certification Organizations for a term ending January 31, 2028, effective February 1, 2025; CARRIED

2.1.4. Nomination of Curtis Smith to represent Municipalities

Clark Redden/Hussein Desouki moved to recommend to the Board appointment of Curtis Smith to the Electrical Sub-Council to represent Municipalities for a term ending January 31, 2028, effective February 1, 2025; CARRIED

2.1.1. Nomination of Kevin Westera to represent Major Municipalities South

Tim Driscoll/Patrick Conway moved to recommend to the Board appointment of Kevin Westera to the Electrical Sub-Council to represent Major Municipalities South for a term ending January 31, 2025, effective February 1, 2025; CARRIED

2.2. Matrix Review

Over the last year there has been considerable discussion by the sub-council around renewable energy, not limited to solar. It was noted by members that changing the industry segment to reflect a broader scope would better align with the Canadian Electrical Code. While Section 64 was initially focussed on photovoltaics (PV), it has now broadened to include renewables. Rather than add a new seat to address the gap, members felt expanding the industry segment for the current seat would be more appropriate.

Hussein Desouki/Clark Redden moved to recommend to the Board that the matrix for the Electrical Sub-Council be amended to change the Solar Industry Segment to Renewable Energy; CARRIED.

3. Review Matters Arising/Action List

	Item	Action	Date Initiated	Responsible	Status/Update
1.	Colour Coding Code Change Request	Code change request was not approved for the 2024 code but the Section 4 subcommittee retained this item. SN 4813. CSA ballot info seems to show a conflicting interpretation of how OBY is being used. Submission is with CSA Section 4 subcommittee; will go to CSA conference in June 10-14 and a response should be provided afterward and will be brought to the next ESC meeting	Dec 5/22	Ghani	Submission was voted on and rejected. Can be closed.
2.	Rule 26-602 re. New Installations with Second Dwellings	The code does not stipulate where the electrical panel has to be located. The proponent sent a code change request to CSA. Still in progress at CSA. Tracking ID: CSA 22.1.21:013 SN:4876	Feb 6/23	Chledowski / Redden	Still in progress, next CSA meeting is in June.

4. Matters for Discussion

4.1. Mandate Delivery

The following was discussed:

- Safety Codes Council has enlisted a third party consultant to identify potential improvements to how the Council delivers on its mandate.
- Council has heard there is an opportunity for improvement, as the current system has not changed drastically since creation in the early 90s.
- We want to ensure we are using members time effectively.
- The consultant will be doing some engagement activities in October/November with a new model expected in early 2025.

4.2. Installation of Energy Storage Systems at Residential Occupancies

The following was discussed:

- Members discussed whether electrical safety code officers would be responsible for enforcing the building code criteria (one hour fire rating, etc.).
- The Building Administrator confirmed that a building permit would be required and a building SCO would be responsible for enforcing it.
- Members suggested a joint bulletin could be drafted to raise awareness.

4.3. Scope of Section 14, 4/0 AL on a 200A O/C Discussion

The Electrical Administrator advised that there have been discrepancies across the province regarding this rule. While the larger municipalities appear to enforce the rule similarly, rural AHJs are interpreting it differently. The Administrator indicated he may draft an interpretation to provide clarification.

4.4. Grounding, 6-102 STANDATA Interpretation

The Electrical Administrator requested feedback on whether members are aware of any issues related to this standata regarding the grounding and bonding of townhouses and rowhouses. Members were asked to go back to their nominating organizations and provide feedback to the Administrator.

[All]

4.5. Working Group Reports

4.5.1. Code Interpretation re. CSA C22.3 No 7:20 and C22.1 10-210 (Joint with EUSC)

The Electrical Administrator has not received any questions related to this, does not believe a bulletin is necessary.

4.5.2. Energy Storage, Charging and Collection Systems

The working group has found that while the number of installations is increasing, the number of incidents is trending down. NFPA 855 provides excellent guidance and could be a valuable resource. Working group planning to have a final report for the next sub-council meeting.

4.5.3. Medium Voltage Termination Products

Gregory Briggs/Ken Hood moved to close the Medium Voltage Termination Products Working Group; CARRIED.

4.5.4. Electrical Vehicle Energy Management Systems

Hussein Desouki/Tim Driscoll moved to close the Electrical Vehicle Energy Management Systems Working Group; CARRIED.

4.5.5. CE Code Part 1

A report was uploaded to the member portal for feedback and/or questions.

4.6. Liaison Reports

4.6.1. Building

The following was reported:

- There have been some concerns with the smoke dampers and smoke detectors standata that was issued, there may be a revision.
- Gerry Doan and Clark Redden will share the role of Building Liaison.

4.6.2. Electrical Utilities

No update as they have not met.

4.4. Administrator/AMA Report

The Administrator reported:

6th Editon CSA C22.1:24 Canadian Electrical Code

REMINDER: Published on March 4th 2024 (including a French publication) a reminder Notice will be published in the coming months to highlight this again.

[Notice: new Canadian Electrical Code, Part I \[2024\] - Open Government \(alberta.ca\)](#)

1. STANDATA updates:

Ongoing

- Overhaul of STANDATA 26th Edition on CSA C22.1:24 Canadian Electrical Code

Recently Published:

- Notice [New Canadian Electrical Code, Part I 6-month reminder](#)
- Publication of HVTS STANDATA since the last meeting
- ESC STANDATA review underway, we have received comments and are working through the suggestions provided – thank you for the effort that went into this review.

2. Upcoming meetings and events of interest • Provincial Electrical Safety Uniformity (Virtual) monthly

- AEA Learning Expo Oct 23, 2024
- ECAA Technical Training Day on November 15 in Red Deer
- EIAA Annual Technical Conference February 7th & 8th

3. General Updates: None at this time.

4.5. Council Updates

A written report was included in the portal and updates were provided on:

SCO Job Opportunities

- The Council has developed a [form](#) on our [Careers webpage](#) where accredited organizations can provide information about their job opportunities for Safety Codes Officers and we will periodically email SCOs about these opportunities.

Member Engagement on Bylaw Changes

- Thank you to everyone who attended the AGM, we greatly appreciated your insights around proposed bylaw changes to address ongoing issues being experienced in the appeals system.
- Members raised thoughtful questions, and we decided we needed to hear more before proceeding. An email was sent to all members with the option for an opportunity to meet with Council staff discuss and provide feedback on the Council [bylaws](#).
- The feedback received has been compiled and shared in a What We Heard Report which is available in the Member Portal.

Member Recognition

- Thank you to everyone who took the time to respond to our survey on Member Recognition.
- We have drafted a What We Heard Report available [here](#) and are working to update the ways we recognize and thank our members.

5. Meeting Finalization

5.1. Round Table

- ECAA technical training day will be on November 15th
- The CANREA Conference is taking place this week in Calgary
- There have been big changes regarding electric heating as a new standard has been published that will be adopted in Canada and the US.

5.2. Next Meeting

The next meeting was reconfirmed for January 27 at 9:00 a.m.

5.3. Meeting Adjournment

The meeting was adjourned at 1:36 p.m.

– NEW ACTION ITEMS –

4.4. Grounding, 6-102 STANDATA Interpretation

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– MOTIONS –

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– WORKING GROUP MEMBER LISTS –

WORKING GROUP	WORKING GROUP MEMBERS (Chair)
Code Interpretation re. CSA C22.3 No 7:20 and C22.1 10-210 (Joint with EUSC)	<u>Nicolas Leblanc (co-chair)</u> Ken Hood, Gerry Doan
Energy Storage, Charging and Collection Systems (joint with BSC and FSC)	<u>Greg Briggs (co-chair)</u> Ed Knaggs
Medium Voltage Termination Products	<u>Adam Ghani</u> Nicolas Leblanc, Bert DeBruin, Denny Smith AMA support: Morgan Pendray-Frame
Electrical Vehicle Energy Management Systems	<u>Hussein Desouki</u> Adam Ghani, Patrick Conway, Gerry Doan, Gregory Briggs
CE Code Part 1	<u>Nicolas Leblanc</u> Gerry Doan, Ed Knaggs, David Myers, with AMA support