

January 18, 2024

TRANSMISSION MAINTENANCE COORDINATION COMMITTEE (TMCC) MINUTES October 12, 2023 Webex

Scott Vaughan, Temporary Acting Chairperson of the Transmission Maintenance Coordination Committee (TMCC), called the meeting to order at approximately 10:00 a.m.

ATTENDANCE

The following TMCC members attended:

James Alligan (NextEra Energy Transmission)
Monica Curry (San Diego Gas & Electric (SDG&E))
Jed Ferguson (Valley Electric Association (VEA))
Tibor Foki (International Brotherhood of Electrical Workers Local Union 47 (IBEW 47))
David Hahn (Western Area Power Administration (WAPA))
Alan Hernandez (Southern California Edison (SCE))
Steve Ruty (California Independent System Operator Corporation (CAISO)) – Acting Chairperson
Ethan Stonecipher (International Brotherhood of Electrical Workers Local Union 1245 (IBEW 1245))
Michael Blunt (Trans Bay Cable (TBC))
Maria Ly (Pacific Gas & Electric (PG&E))
Christopher McClean (CEC)
Jim Useldinger (GridLiance West Transco (GWT))

The following TMCC members were not in attendance:

Bryan Pena (California Public Utilities Commission (CPUC))
Steve Ruty (California Independent System Operator Corporation (CAISO)) – Acting Chairperson

The following members of the public were in attendance:

Scott Vaughan (CAISO)
Kingsley Tenjoh (CAISO)
Adalberto Baca-Chavez (CAISO)
Evan Richardson (SDG&E)
Christian Henderson, P.E. (SDG&E)
Tad Kinyon (TBC)
Chris Nielsen (Levatas)
Sudath Edivisuriya (CEC)

The following agenda items were addressed:

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Opening Comments:

Tibor Foki, IBEW 47 Senior Business Representative, began a discussion on current industry news.

Decision on 04/20/2023 General Session Minutes:

The April 20, 2023 meeting minutes were reviewed and approved.

Non- SF6 Circuit Breaker Pilot Program

Evan Richardson (SDG&E – Team Lead, Substation Apparatus & Standards) presented an overview of the current SF6 gas replacement timelines, and technologies as well as SDG&E's current pilot program. Mr. Richardson specifically discussed SDG&E's current activities and ongoing pilot program using a vacuum type Non-SF6 circuit breakers. He also discussed circuit breaker manufacturer's progress in developing new equipment to meet the mandated implementation schedule.

Robotic Substation Inspection Pilot Program

Chris Nielsen (Founder/CEO Levatas) presented on the Trans Bay Cable new robotic inspection program at TBC's Portero substation. The robot was supplied by Boston Dynamics with specific Artificial Intelligence routines and programs developed by Levatas in conjunction with TBC operation personnel. The robotic dog is able to perform routine automated inspections with the TBC site.

NERC Reliability Standards, CIP and Compliance:

No Compliance items were discussed

Open discussion items:

None

New Business Issues and Future Agenda Items:

TMCC members discussed topics the next TMCC meeting. Suggestions provided at the meeting included:

- Review of survey results from PG&E maintenance questionnaire
- PG&E Non-SF6 Circuit breaker pilot program
- SCE Non-SF6 Circuit breaker pilot program
- Transformer seismic retrofits at the Trans Bay Cable facilities
- The use of natural ester based transformer oil in transmission applications

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TMCC MEMBER ACTION ITEMS

- ISO will draft the minutes for this meeting and post as a document for the January 2024 TMCC meeting;
- ISO will post the approved minutes for the April 2023 TMCC meeting on the ISO website;

The meeting was adjourned with no objections noted.