

April 27, 2023

TRANSMISSION MAINTENANCE COORDINATION COMMITTEE (TMCC) MINUTES - January 19, 2023 Webex

Steve Ruty, Acting Chairperson of the Transmission Maintenance Coordination Committee (TMCC), called the meeting to order at approximately 9:00 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))
Maria Ly (Pacific Gas & Electric (PG&E))
Steve Ruty (California Independent System Operator Corporation (CAISO)) – Acting Chairperson
Ethan Stonecipher (International Brotherhood of Electrical Workers Local Union 1245 (IBEW 1245))
Ross Holt (LS Power-Desert Link (DLSK))

The following TMCC members were not in attendance:

Jim Useldinger (GridLiance West Transco (GWT))
Charles Mee (California Public Utilities Commission (CPUC))
Michael Blunt (Trans Bay Cable (TBC))

The following members of the public were in attendance:

Scott Vaughan (CAISO)
Kingsley Tenjoh (CAISO)
Justin Flores (PG&E)
Bryan Pena (CPUC)
Joel Karzan (SCE)

The following agenda items were addressed:

Opening Comments:

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

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Decision on 10/20/2022 General Session Minutes:

The October 20, 2022 meeting minutes were reviewed and approved.

Substation Inspection types and frequencies

Justin Flores (PG&E - Principal, Substation Maintenance Strategy) presented an overview of PG&E's preventative and corrective transmission substation maintenance practices. Mr. Flores covered routine, vegetation, and supplemental wildfire inspection types and frequencies, and when PG&E utilizes infrared, drone, and ground inspection methods. Mr. Flores also discussed PG&E's approach to maintain wildfire defensible space around transmission facilities.

Joel Karzan (SCE - Senior Manager of Compliance Integration) presented an overview of SCE's circuit breaker and transformer inspection and maintenance programs and the various methods and tools SCE uses to conduct these inspections.

Monica Curry (SDGE - Construction Operations Manager) offered to provide an update to the TMCC on SDGE's inspection program at the April TMCC meeting.

Insulator Cleaning practices, programs and procedures

TMCC members held an informal round table discussion on insulator cleaning practices, programs and procedures. Topics discussed included use of automated sensors and weather stations to identify or predict when insulators may be contaminated and need cleaning, as well as insulator washing practices.

Inspection of Gas Insulated Switchgear

Due to meeting time constraints, discussions on inspection of Gas Insulated Switchgear was tabled until the next TMCC meeting scheduled for April, 2023.

NERC Reliability Standards, CIP and Compliance:

No Compliance items were discussed

Open discussion items:

Alan Hernandez (SCE - Senior Advisor, Compliance Integration) led a discussion on strategies for tracking and deferring transmission maintenance due to environmental holds that continue to delay already outstanding work. The discussion centered around strategies to reduce the administrative burden of having to defer the same work multiple times.

Steve Ruddy reminded PTO TMCC members that 'actual' SMRS reports for 2022 are due to the ISO on March 1, 2023, and the 'planned' SMRS reports for 2023 and the annual availability performance reports for 2022 are due to the ISO by April 1, 2023.

New Business Issues and Future Agenda Items:

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Steve Ruddy polled the TMCC members on which topics they would like to discuss at the next TMCC meeting. Suggestions provided at the meeting included:

- Implementation of ambient adjusted equipment ratings, FERC 881
- Inspection and maintenance of Gas Insulated Switchgear (GIS)
- Trends for performing energized work in lieu of scheduled outages .

TMCC MEMBER ACTION ITEMS

- ISO will draft the minutes for this meeting and post as a document for the April 2023 TMCC meeting;
- ISO will post the approved minutes for the October and January 2022 TMCC meeting on the ISO website;
- According to the ISO Maintenance Procedure No. 1, the ISO will provide PTO TMCC members with a reminder notice two weeks in advance of any transmission maintenance reporting deadline.

The meeting was adjourned with no objections noted.