

TRANSMISSION MAINTENANCE COORDINATION COMMITTEE (TMCC) MINUTES October 17, 2019 Meeting from the ISO Headquarters Folsom, California

Steve Ruty, Acting Chairperson of the Transmission Maintenance Coordination Committee (TMCC), called the meeting to order at approximately 9:30 a.m.

ATTENDANCE

The following TMCC members attended:

J. Bret Ball (San Diego Gas & Electric (SDG&E))
Tibor Foki (International Brotherhood of Electrical Workers Local Union 47 (IBEW 47))
David Hahn (Western Area Power Administration (WAPA))
Landis Marttila (International Brotherhood of Electrical Workers Local Union 1245 (IBEW 1245))
Charles Mee (California Public Utilities Commission (CPUC))
Roni Mejia (Southern California Edison (SCE))
Steve Ruty (California Independent System Operator Corporation (CAISO)) – Acting Chairperson
Tom Wright Jr. (Pacific Gas & Electric (PG&E))

The following TMCC members were not in attendance:

James Alligan (NextEra Energy Transmission)
James Andresen (Valley Electric Association (VEA))
Jason Le (Los Angeles Department of Water & Power (LADWP))
Chris McLean (California Energy Commission (CEC))
Jim Useldinger (GridLiance West Transco (GWT))

The following members of the public were in attendance:

Lou Fonte (CAISO)
Kevin Galloway (SDG&E)
Val Guzman Ridad (Silicon Valley Power (SVP))
Chris Hillman (CAISO)
Steve Liebel (GWT)
Kevin Meagher (TransBay Cable (TBC))
Jerry Melcher (Public Advocates Office (ORA))
Scott Vaughan (CAISO)

The following agenda items were addressed:

Opening Comments:

Tibor Foki (IBEW 47) began a discussion on current industry news. The discussion focused on the following points;

- Recent articles in the media pertaining to PG&E
- Electric system cyber attacks
- San Onofre decommissioning

Decision on 4/18/2019 General Session Minutes:

The April 18, 2019 meeting minutes were reviewed and approved.

SB 901 implementation updates:

Steve Ruddy, of the CAISO, initiated a discussion on the current status of SB 901 implementation. The discussion focused on the following points;

- CAISO aligning its program CPUC requirements
- SDG&E's wildfire mitigation plan (WMP) implementation going well
- No indication of when the WMPs will be audited, PTOs wondering how to prepare
- Standardization of maintenance programs by CPUC or WECC (NERC)
- Changes in methods are impacting inspections conducted during maintenance work
- PG&E described it's;
 - Centralized Inspection Review Team
 - Public Safety Power Shutoff implementation
 - LiDAR benefits for vegetation management
- Federal agencies are beginning to understand the encumbrances & challenges in completing maintenance work with agencies working together better
- Environmental permitting presents the biggest challenge in completing maintenance
- SCE described that much of its efforts have been on situational awareness and a revamp to its vegetation management program
- SCE is currently reviewing its wildfire inspection program results to determine successes or areas for improvement

The discussion shifted towards identifying the right age for component and transmission line replacement. The PTOs explained that they are investigating how to determine this as age or years in-service is only one factor. Condition based maintenance practices are more suitable for substation equipment and transmission lines practices are still largely time based, however replacement decisions are condition based.

Amending maintenance practices:

Chris Hillman, of the CAISO, provided a brief overview of Transmission Maintenance Procedure 7 and the requirements for amending filed maintenance practices.

Draft

Released: December 19, 2019

Availability Measures:

Steve Rutty, of the CAISO, initiated a discussion on the classification of a Public Safety Power Shutoff as a forced outage if lack of maintenance or transmission line condition is a driver. The discussion ended with a review of the TCA timelines for availability report submittals.

Briefing on major grid events:

The group briefly discussed the Saddleridge fire in southern California and the implementation of Public Safety Power Shutoff programs. There was also some discussion related to the intentional release of Mylar balloons to disrupt electric service that occurred in Orange County.

Open discussion items:

The discussion focused on the following points;

- The pole loading requirements outlined in GO 95 will be issued by the CPUC soon
- TMCC involvement in educating agencies and the general public

New Business Issues and Future Agenda Items:

Steve Rutty asked the members to work with the CAISO over the next few months to decide which topics they would like to discuss at the next TMCC meeting. Suggestions provided at the meeting included;

- a behind the meter storage pilot being implemented at SVP and its impact on the transmission system
- PG&E's vegetation management program and its use of LiDAR and PG&E's Wildfire Safety Inspection Program
- SCE's maintenance of the Static Var Compensator at Devers
- Landis Marttila will provide the opening comments at the April quarterly TMCC meeting.

TMCC MEMBER ACTION ITEMS

- ISO will draft the minutes for this meeting and post as a document for the January 16, 2020 TMCC meeting;
- ISO will post the approved minutes for the April 18, 2019 TMCC meeting on the ISO website.

The meeting was adjourned with no objections noted.