

# **TRANSMISSION MAINTENANCE COORDINATION COMMITTEE (TMCC) MINUTES**

## **April 18, 2019**

### **Meeting from the ISO Headquarters Folsom, California**

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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:***

James Alligan (NextEra Energy Transmission)  
James Andresen (Valley Electric Association (VEA))  
Tibor Foki (International Brotherhood of Electrical Workers Local Union 47 (IBEW 47))  
David Hahn (Western Area Power Administration (WAPA))  
Jason Le (Los Angeles Department of Water & Power (LADWP))  
Charles Mee (California Public Utilities Commission (CPUC))  
Steve Ruty (California Independent System Operator Corporation (CAISO)) – Acting Chairperson  
Jim Useldinger (GridLiance West Transco (GWT))  
Tom Wright Jr. (Pacific Gas & Electric (PG&E))

##### ***The following TMCC members were not in attendance:***

J. Bret Ball (San Diego Gas & Electric (SDG&E))  
Landis Marttila (International Brotherhood of Electrical Workers Local Union 1245 (IBEW 1245))  
Roni Mejia (Southern California Edison (SCE))

##### ***The following members of the public were in attendance:***

Lou Fonte (CAISO)  
Shaun Gahagan (SDG&E)  
Sheri Gates (SDG&E)  
Andrew Gazdziak (SDG&E)  
Val Guzman Ridad (Silicon Valley Power (SVP))  
Chris Hillman (CAISO)  
Fidel Leon Diaz (Public Advocates Office (ORA))  
Chris McLean (California Energy Commission (CEC))  
Jerry Melcher (Public Advocates Office (ORA))  
Sam Stonerock (SCE)

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;

- PG&E bankruptcy
- San Onofre decommissioning challenges
- Global energy production and renewables in California
- LADWP no longer repowering plants

***Decision on 1/17/2019 General Session Minutes:***

The January 17, 2019 meeting minutes were reviewed and approved with a correction in the spelling of censation.

***Decision on 3/19/2019 Conference Call Minutes:***

The March 19, 2019 meeting minutes were reviewed and approved with no objections noted.

***SCE presentation on NESC / GO 95 updates:***

Sam Stonerock, of SCE, presented on the pending and proposed revisions to GO 95 and the 2022 edition of the NESC. Sam reviewed and updated the group on the CPUC Rulemaking proceedings related to utility pole attachments, physical security risks, emergency and disaster preparedness, strategies and guidance for climate change adaptation, implementation of wildfire mitigation plans, de-energization of power lines and criteria and methodology for wildfire cost recovery.

Mr. Stonerock also updated the attendees on notable proposed changes to the NESC. The proposed changes include revisions to Section 14, Storage Batteries, adoption of a wind map consistent with ASCE, a new table that addresses live-front transformers and terminations and the replacement of Appendix D with IEEE/ESMOL white paper on "Practical Approaches to Reducing Transient Overvoltage Factor for Live-line Work"

***SB 901 discussion:***

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

- Largest impact will be the distribution system
- CPUC planning to ramp up internal staff and external reviewers
- Annual submission requirement
- GO 95 Rule 18 resulting in the acceleration of programs

***Public Advocates Office presentation on Transportation Electrification:***

**Draft**

Released: September 16, 2019

Fidel Leon Diaz, of ORA, presented on transportation electrification as part of an effort to promote alternative-fueled vehicles and as a method to achieve the State's goal to reduce greenhouse gas emissions. Mr. Diaz explained the environmental and grid issues plus the legislative drivers behind transportation electrification.

Fidel presented on what constitutes a zero-emission vehicle, the electric vehicle supply infrastructure and vehicle-grid intergration. An overview of the programs currently in place, the implementation effort currently underway and the new load impacts were also discussed

***Briefing on major grid events:***

None

***Open discussion items:***

The discussion focused on the following points;

- Steve Rutty, of the CAISO, provided an update on RC West certification
- TMCC focus on CAISO and CPUC overlap in reviewing transmission facilities
- Steve Rutty, of the CAISO, provided an overview on the history of the CAISO maintenance standards and how they are implemented.
- SDG&E infrared inspections and the vehicle platforms other PTOs are using. SDG&E considering moving towards helicopters (or drones) in the future.

***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 an update from PG&E in their drone/helicopter inspection program.

Steve Rutty also asked the members if there were any business issues requiring the TMCC reconvene at the regularly scheduled meeting in July. There were none and membership agreed to forgo the July meeting and meet again in October.

**TMCC MEMBER ACTION ITEMS**

- ISO will draft the minutes for this meeting and post as a document for the October 17, 2019 TMCC meeting;
- ISO will post the approved minutes for the January 17, 2019 TMCC meeting on the ISO website;

The meeting was adjourned with no objections noted.

***TMCC Member Only Session – Appointment of New TMCC Member:***

**Draft***Released: September 16, 2019*

Steve Rutty began the session by noting that the committee was voting to fill a vacancy on the TMCC.

The open position was designated for a representative from an other organization, the term for which the current member had expired March 31, 2019. Mr. Rutty stated that the ISO had received a nomination for Chris McLean (California Energy Commission) to fill the open position. The committee voted on the nominee and Chris McLean was appointed to the committee to serve until March 31, 2022.

One additional open position remains which the ISO will attempt to fill.

The meeting was adjourned with no objections noted.

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