

Memorandum

To: ISO Board of Governors
From: Keith Casey, Vice President of Market and Infrastructure Development
Date: May 11, 2011
Re: **Decision on Transmission Maintenance Coordination Committee Member Appointments**

This memorandum requires Board action.

Management recommends the Board appoint five proposed candidates to fill open positions on the Transmission Maintenance Coordination Committee (TMCC), an advisory committee to the Board.

Management recommends the following motion:

Moved, that the ISO Board of Governors approves the five candidates recommended by Management to serve on the Transmission Maintenance Coordination Committee effective upon appointment, as described in the memorandum dated May 11, 2011.

BACKGROUND AND MANAGEMENT RECOMMENDATION

The Transmission Maintenance Coordination Committee, an advisory committee to the Board, was formed in compliance with an order from the Federal Energy Regulatory Commission and a 1998 Board resolution. The TMCC develops and recommends maintenance standards and addresses maintenance issues associated with transmission facilities under operational control of the California Independent System Operator Corporation. The TMCC charter allows assignment of two-year terms to the currently approved external voting members of the TMCC. By design, approximately half of the appointed member terms expire every year. Management initiated a request for potential candidates on January 11, 2011 to renew or replace five members whose terms expire by April 1, 2011. However, since the market notice was issued on January 11, 2011 the Western Area Power Administration, Sierra Nevada Region (Western) participating transmission owner member opted to retire mid-term. This voting membership change opened up one additional position for replacement and brought the total of vacant voting memberships to six.

The current TMCC charter requires 13 voting members. Required members include one internal member from the ISO, participating as the acting Chair, five participating

transmission owners with transmission facilities subject to the ISO Transmission Maintenance Standards, and two labor union representatives. The remaining five members are required from other organizations which currently are filled by representatives from two municipal utilities, two California regulatory agencies, and one generation representative.

The ISO received five candidate nominations for six open two-year positions. Another market notice may be sent out in the near future in an attempt to receive candidate nominations to fill the last voting membership available. Normally, organizations with specific interest in the ISO maintenance program provide candidate nominations. Specific qualifications for evaluating nominees are listed at the end of this memo. TMCC members do not receive any compensation for their services. Upon Board approval, a total of five TMCC member positions will be filled with terms starting April 1, 2011 (4 renewals and 1 replacement). Management recommends the following candidates be appointed as TMCC members to a two-year term effective upon Board approval:

Table 1 - Summary of proposed members

| Proposed Member | Organization | Type | Interest Group |
|------------------------|--|-------------|-----------------------|
| Michael Palusso | Southern California Edison Company | Renewal | PTO |
| Steve Tuggle | Western Area Power Administration | Replacement | PTO |
| Landis Marttila | International Brotherhood of Electrical Workers Local 1245 | Renewal | Labor Union |
| Jesse Ante | California Public Utility Commission | Renewal | Regulatory |
| Jamie Patterson | California Energy Commission | Renewal | Regulatory |

Michael Palusso – SCE

- 3 years as SCE representative on the TMCC
- Over 27 years of electric industry experience including planning, engineering, design, construction, operations, maintenance, and labor relations;
- Extensive experience in positions responsible for engineering, operations, maintenance, and construction in transmission, distribution, and substations; and
- Considerable experience working with North American Electric Reliability Corporation and Western Electricity Coordinating Council agencies.

Steve Tuggle – Western Area Power Administration

- Over 16 years of utility industry experience including planning, engineering, construction, operations, maintenance, and transmission maintenance compliance activities;
- Considerable experience working with transmission and distribution vegetation management programs and compliance with federal and state environmental laws and regulations.
- Western Supervisory, Maintenance Management Specialist; and
- Bachelor of Science Degree in Recreation Management (Parks and Natural Resources Management) from California State University, Chico, International Society of Arboriculture, and Certified Arborist/Utility Specialist.

Landis Marttila – IBEW Local 1245

- 13 years experience as a IBEW Local 1245 representative on the TMCC;
- Experience as member of the Maintenance Task Force that developed the *ISO Maintenance Standards* in 1997;
- Extensive IBEW Local 1245 experience as a senior business representative and business representative since 1990 involved with planning, directing, implementing, and organizing campaigns and initiatives and negotiating contracts;
- Experience as labor representative directly involved with utilities and state agencies addressing safety and development of maintenance practices in the overhead line industry; and
- Experience as a crew foreman and lineman.

Jesse Ante – CPUC

- Six years as CPUC representative on the TMCC;
- Experience with the CPUC in plant outage inspection reports, plant procedure audits, and the development of plant maintenance standards under the Utility Safety Branch. Responsible for monitoring transmission constraint issues;
- 27 years experience at Pacific Gas and Electric as a senior and lead engineer responsible for various engineering and quality assurance related activities at the Diablo Canyon Power Plant;
- CPUC Utilities Engineer; and
- Masters of Science in Mechanical Engineering (MSME) from University of California Graduate School of Engineering, Berkeley, and Bachelor of Science in Mechanical Engineering (BSME) from University of California, Berkeley.

Jamie Patterson – CEC

- Six years as CEC representative on the TMCC;
- 16 years experience with the CEC providing project management and electrical engineering expertise in the analysis of transmission and distribution technologies;
- CEC Senior Electrical Engineer with experience in the engineering, design, and inspection of power systems;
- Bachelor of Science in Electrical Engineering degree at San Diego State University, Institute of Electrical and Electronics Engineering member, and Board for Professional Engineers and Land Surveyors Certificate.

In accordance with the TMCC charter, Management reviewed each of these candidates' qualifications against the requisite expertise in one or more of the following capacities:

- Supervision of maintenance personnel;
- Creation, implementation, or performance of maintenance procedures;
- Budgeting, planning, or managing maintenance programs; and
- Collecting and managing systems performance data.

Their experience will provide immediate expertise for the TMCC in performing current and upcoming activities including:

- Identifying and sharing best maintenance practices;
- Providing recent experiences with NERC Reliability Standards;
- Providing input during the CPUC processing of proposed rule changes on fire safety hazards (R.08-11-005) and inspection of stations (R.10-09-001); and
- Providing updates on recent grid events.

Upon Board approval of the recommended candidates, the overall TMCC will have voting representation from SCE, PG&E, SDG&E, Western, Trans Bay Cable, IBEW Locals 47 and 1245, Los Angeles Department of Water and Power, City of Burbank Water and Power, CPUC, and CEC. It is also the intent of Management to encourage other organizations, from time to time, to attend the TMCC meetings to gather broader input on maintenance issues.

Finally, Management would like to provide advance notice of a decisional item it is making a joint effort on with the TMCC to bring to the Board in June. The TMCC currently serves as a Board advisory committee, and advises the Board on such decisions as transmission maintenance standards. Management plans to recommend that the Board change the status of the TMCC so that it will henceforth be an advisory committee to the ISO. The TMCC will still continue to fulfill its responsibilities under the Transmission Control Agreement and any recommendations of the TMCC concerning transmission maintenance standards will continue to require Board approval. This is part of an effort to build on the collaborative nature of the existing TMCC meetings and would allow for additional flexibility in the meeting structure while at the same time retaining the key role of the Committee.