**To**: Distribution Subcommittee

**From**: Le Xu, Secretary

**CC:** Larry Conrad, Bob Uluski

**Date:** July 28, 2015

**Re:** Task Force on Volt-VAR Control 2015 PES General Meeting Minutes

**IEEE PES General Meeting – Denver, Colorado**

Larry Conrad, Chair, had a schedule conflict and couldn’t attend the meeting. Bob Uluski, Vice Chair, welcomed the members and introduced the meeting agenda. Guest speaker, Larry Clark, presented the IEEE policy on patent protection ([*http://standards.ieee.org/guides/bylaws/sect6-7.html#6*](http://standards.ieee.org/guides/bylaws/sect6-7.html#6)*,*[*http://standards.ieee.org/guides/opman/sect6.html#6.3*](http://standards.ieee.org/guides/opman/sect6.html#6.3)*,*[*http://standards.ieee.org/board/pat/pat-material.html*](http://standards.ieee.org/board/pat/pat-material.html)) Minutes of the previous meeting (January 2015 in Garden Grove, CA) were accepted without amendment. The meeting was well attended, with 34 attendees from utilities, vendors, research organizations, consultants, and academia.

Bob Uluski introduced upcoming smart distribution and volt-VAR control related conferences and the panel session “volt-VAR control in the era of the smart grid” at the 2015 general meeting. Bob Uluski encouraged members to submit proposals for VVTF sponsored panel for next general meeting in Boston and presented potential topics such as DER integration, dynamic volt-VAR control, volt-VAR case studies.

Murty Yalla presented an overview of the tutorial “Distribution Volt-VAR Control and Optimization” at the 2015 general meeting, including presenters, topics, outline, and schedule. Three utility presenters (Georgia Power, BC Hydro, and Duke Energy) will provide practical perspectives of the implementation of volt-VAR control. Murty thanked the team members for their effort and contribution to the tutorial.

Bob Uluski provided a progress report on P1885 – *Guide for Assessing, Measuring and Verifying the impact of Volt-Var Control Optimization on Distribution Systems.* The draft is expected to complete by next January for internal review, expected to submit to the IEEE SA for initial sponsor ballot by July 30, 2016, and expect to complete for submittal to RevCom by January 23, 2017. Bob introduced the status of individual sections, and the group discussed the work needed.

Francisco De Leon, Xiaoping Zhang, and Larry Clark offered to help on method of predicting the benefits; Larry Clark and Mike Simms will check potential help from other people. Bob Uluski wil lead the effort on the summary of federal M&V guidelines, Avnaesh Jayantilal offered to provide information. Bob asked for volunteers for the “M&V methodology” session, Xiaoping Zhang offered to send a DOE paper on the customer end use models.

The group discussed the granularity and the extent of benefits to be measured such as measurements at system level or substation level or feeder level, real-time or off-line measurement, one-time measurement or continuous, year round benefits or seasonal benefits.

Le Xu, Secretary, presented a preview of the VVTF sponsored panel at 2015 general meeting, the group discussed the sharing of panel presentation materials using task force website.

Bob Uluski presented related work effort from smart inverter working group and the group discussed the potential collaboration between VVTF and SIWG.

During the roundtable discussion about smart distribution and volt-VAR control, members introduced their experience.

Meeting adjourned at 9:45.