IEEE PES Energy Forecasting Working Group Meeting Minutes at PES GM 2019

Location: Room 211, Hilton Atlanta Downtown Hotel, Atlanta, GA

Time: Thursday, August 8, 2018; 1-2 pm

1. Welcome and attendee introductions

The chair of IEEE Working Group on Energy Forecasting (WGEF), Prof. Hamidreza Zareipour opened the meeting at 1:00 PM. About 10 people being present for part or all of the meeting. Each attendee made a brief self-introduction of himself or herself.

2. Officer handover

Prof. Hamidreza Zareipour introduced the officer handover of WGEF. Prof. Hamidreza Zareipour took over the chair position of WGEF from Prof. Tao Hong, Dr. Yi Wang was appointed as the secretary. A vice-chair position is open for application.

3. WG Title Change

The title of the Working Group on Energy Forecasting (WGEF) will be changed into Working Group on Energy Forecasting and Analytics (WGEFA) to broaden the scope of the working group. This issue will be proposed and discussed in committee-level meeting for approval.

4. Possible activities of the WG

There are more and more new challenges and opportunities for energy forecasting with integration of distributed energy resources in big data era. Various activities such as revisiting the tutorial, writing book chapter, and publishing write paper will be conducted to make sure that the WG have voice in the PES.

5. Global energy forecasting competition

WG plans a new global competition for net demand forecasting with high penetration of behind-the-meter solar that are invisible for utility. This competition will be hosted in 2020. It is a part of joint competition with International Institute of Forecasters (IIF). WG will apply for

financial supports from IEEE and other potential societies such as Chinese Society of Electrical Engineering (SCEE).

6. New issues of WG

The attendees proposed new issues for WG such as multi-time scale energy forecasting instead of only hourly energy forecasting, reserve capacity forecasting, congestion forecasting, application of deep learning and machine learning.

7. Panel sessions and tutorial proposal

WG tries to guarantee at least one panel session in PES GM every year. People can submit panel session proposals for discussion and voting in the committee. Tutorial about energy forecasting and analytics in the next several years will also be considered.

8. Adjourn