

## Minutes of the ISS WG on Multi Agent Systems

IEEE PES General Meeting 2018, Oregon, USA

Time: Monday, August 6, 2018, 12:00 PM - 1:00 PM

Room: DP-Mt. St Helens

Chair: Koen Kok

Co-chair: Amin Kargarian

### Agenda and minutes:

1. Welcome and introduction of attendees
  - There are 22 attendees, mainly from university, polytechnic and research organizations.
2. Approval of the minutes of the 2017 MAS Working Group meeting in Chicago
  - The minutes have been distributed shortly before the meeting. If no remarks are received by the chair in the coming few days, the minutes are approved and will be posted on the website.
3. WG Activities in the past year, including this GM
  - Special Issue/Section proposal to Trans. on Power Systems
    - Ongoing activity. Full paper reviews have been started. In total 26 full papers have been received.
  - A panel has been organized at the T&D Conference on Distributed computing and multi-agent systems applications in Smart Grid, chaired by Amin and with speakers from the WG.
  - Two panels are organized by the WG on this GM:
    - i. *Transactive Approaches to Integration of Flexible Demand and Distributed Generation: Highlights from the TPWRS Special Section*, Tuesday, August 7, 2018, 3:00 PM - 5:00 PM, Room: OC-D135, Moderators: Koen Kok & Steve Widergren.
    - ii. *Optimization Algorithms for Power Transmission and Distribution Networks Management*, Thursday, August 9, 2018, 1:00 PM - 3:00, Room: PM OC-E144, Moderator: Amin Kargarian.
4. Future Activities:
  - a. Panel session organization (PES GM 2018 & other conferences)
    - Steve McArthur and Ivana Kockar propose a panel on "*Distributed and Decentralized Approaches for Power Systems Operation and Economics*". Ivana will provide an abstract with an initial speakers list.
    - Nazif Faqiry and Koen Kok propose a panel on "*Market-based and transactive algorithms for distribution network management in interaction with transmission-level operations*".
  - b. Other initiatives
    - Overview article of the state of the art in Distributed Computing for Power Systems has been mentioned last year as a possible activity. Ivana points out that there might be synergy with her panel proposal mentioned above.
    - Tutorial Proposal: Jamie Liam (PNNL) and Haiwang Zhong (Tsinghua Uni) state that they want to organize a tutorial on transactive energy from the Demand Response WG and propose a joint activity with the MAS WG and a co-sponsorship from the respective sub-committees.
5. AOB
  - There is no other business
6. Adjournment
  - We finish 15 minutes ahead of time and use the remaining time for a topical discussion.