

**Task Force on Open Data Set (ODS)
Intelligent Systems Subcommittee**

2019 IEEE PES General Meeting
Monday, August 5, 2019, 3:00 PM-4:00 PM
Atlanta, GA, USA
Room: 213

Chair: Zita Vale, Polytechnic of Porto

The meeting started at 3:00 PM with the following **Agenda:**

- 1 – Welcome and introduction of attendees
- 2 – Approval of the last meeting minutes
- 3 – Task force management team
- 4 – Roadmap and activities plan
- 5 – Website and data sets repository
- 6 – Adjournment.

- 1 – Welcome and introduction of attendees

The Chair welcomed everyone present in the meeting and each attendee introduced him/herself. 14 people attended the meeting, fully or partially, although only 10 signed the attendance list.

- 2 – Approval of the minutes of the ODS TF at IEEE PES GM 2018 in Portland

The minutes were approved unanimously.

- 3 – Task force management team

The TF management team has, besides the Chair, 4 members: Pedro Faria, Polytechnic of Porto, Portugal; Tiago Pinto, University of Salamanca, Spain; Hiro Mori, Meiji University, Japan; Ricardo Fernandes, Federal University of São Carlos, Brazil. The TF is still looking for additional members from other geographic areas to join this team.

- 4 – Roadmap and activities plan

The call for new Open Data Sets is published as planned in the TF webpage and TF members will disseminate it.

The TF panel session proposal for IEEE PES GM 2019 was not scheduled by the GM organizers. It will be proposed again for GM 2020, Atlanta. People that have relevant work using data sets are invited to contact the TF management team to prepare the session, having in consideration their experience and results.

The difficulties that still exist on using and sharing utility and consumption data were discussed. As discussed in the IDMA WG meeting held on August 5, 2019, 11:00 AM-12:00 PM, the severe difficulties felt in progressing the current state of the art in IDMA areas due to the lack of publicly available data, namely from utilities and consumers,

this matter should be considered in the scope of ODS TF. It was proposed to gather utility and academic people to work together with the purpose to increase the awareness of this problem and to make publicly available non-critical data. Moreover, joint efforts should be done to generate realistic “fake data” to overcome the constraints regarding the lack of publicly available data for use by the professionals working in the IDMA areas.

Some additional approaches have been suggested and will be considered as a complement to the current TF activities, namely data augmentation and searching on ongoing projects that can contribute to the TF.

The TF will start the preparation of a paper will address state the problem; report experiences; raw data VS. cleaned data; Standards IEEE/NASPI; measured data; and other topics to be discussed.

5 – Website and data sets repository

The TF website is available and includes a link (<http://sites.ieee.org/pes-iss/data-sets/>) to the published data-sets.

The TF will analyse possibilities of refining the registration and downloading process of data sets in the respective website so that contacts of people that download data are kept and statistics can be derived from those.

The registration of the TF data sets in the IEEE Data Port TF is still under consideration.

TF members are invited to make comments and suggestions regarding the webpage.

6 – Adjournment

The meeting was adjourned at 4:00 PM.

Respectfully submitted,

Zita Vale