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

2023 IEEE PES General Meeting
Monday, July 17, 2023, 3:00 PM-4:00 PM (GMT-4)
Bayhill 19 of the Hyatt Regency Hotel
Orlando, Florida

Chair: Zita Vale, Polytechnic of Porto

The meeting started at 3:00 PM with the following **Agenda:**
1 – Approval of the meeting agenda
2 – Welcome and introduction of attendees
3 – Approval of the minutes of the 2021 online meeting
4 – Activities follow-up, roadmap, and plan
5 – Website and data sets repository
6 – Adjournment.

1 – Approval of the meeting agenda
The agenda was unanimously approved.

2 – Welcome and introduction of attendees
The Chair welcomed everyone present in the meeting and each attendee introduced him/herself. The meeting has been attended by 10 people, fully or partially.

3 – Approval of the minutes of the ODS Task Force (TF) at IEEE PES GM 2022, online meeting
The minutes were approved unanimously.

4 – Roadmap and activities plan
The 2022 competition on Solar Generation Forecasting has been discussed, including the challenges and the postponing during 2022/2023. The results of the competition would be announced at the panel "Benchmarking of artificial intelligence methods for energy generation and consumption forecasting" (July 18, 2023, 1:00 PM – 3:00 PM – Room Celebration 5). This panel has been approved by ISS for IEEE PES GM 2023. A total of 7 participants have participated in the competition, comprising industry and academic participation from different geographic regions. The first three best ranked participants (winners) have been invited to participate in the Panel and present their work.

A panel session proposal for IEEE PES-GM 2024 related to the competition has been discussed, with the potential title: Benchmarking of Intelligent methods for energy forecasting. The panel session will be proposed by Zita Vale and Joao Soares. It was discussed to invite previous winners of the competition to share their thoughts, results, and research on the topic.

A new competition on forecasting was also discussed during the meeting and is being considered for 2024.

The call for new Open Data Sets is published in the TF webpage, at https://site.ieee.org/pes-iss/files/2017/07/ODS-Call-for-Open-Data-Sets.pdf. TF members agreed to disseminate this Call and to make contacts to enable the publication of more data sets.

The possibility to organize a challenge on the analysis of a specific data set and providing answers on what is found has been discussed. This matter will be further discussed in the competition panel.

It has been largely discussed that generating DOIs for the data sets is important and that research culture should focus not only on citing documents but also on citing data sets, enabling better replicability of the published results. Data sets citation should become a common practice in the scientific community.

The Task Force emailing list is being updated and used to share the info regarding the meetings.

5 – Website and data sets repository
The competition website where the Solar Generation Forecasting competition is hosted has been presented by João Soares.

The TF website is available and includes a link (http://sites.ieee.org/pes-iss/data-sets/) to the published data sets. It is being disseminated in several mailing lists.

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

During 2022/2023 some data sets have been published as well in ZENODO (https://zenodo.org/) to obtain a ZENODO DOI.

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

It has been suggested to organize a special session in some IEEE conference or special issue in an IEEE journal dedicated to the use of open data sets (submitting the paper and sharing the data set).

6 – Adjournment
The meeting was adjourned at 4:00 PM.

Respectfully submitted,
                              Zita Vale