



Meeting Minutes Big Data Analytics (BDA) Subcommittee Meeting during IEEE PESGM 2023

Version 1.0
07/19/2023
In Person

Location:

Barrel Spring Room,
HYATT REGENCY ORLANDO,
9801 International Dr,
Orlando, FL 32819

Time:

3:00pm – 5:00pm (EDT),
07/19/2017 (Wed)

Number of Attendees: ~ 45 people

Presentation slides: available at <https://site.ieee.org/pes-bdaps/activities/>

1. BDA subcommittee Discussion led by Yannan Sun (BDA Chair):

- a) Round table introduction
- b) **Approval of the meeting minutes** from BDA meeting during IEEE PESGM 2022:
All participants voted in favor of 2022 meeting minutes
- c) Officer rotation
New Chair: Hung-Ming Chou
New TCPC: Yang Weng
New Secretary: Ning Zhou
- d) Changes to Task Forces (TFs) and Working Groups (WGs) approved by the AMPS
 - Promotion from TF to WG: “TF on Cloud Computing for Power Grid Operation, Planning, Monitoring and Control” to “WG on Cloud for Grid Modernization and Digital Transformation”.
 - New TF: Big Data & Analytics for Security and Resilience of Power Systems
 - New TF: Big Data Analytics for Synchro-Waveform Measurements
- e) Yannan reminds attendees about the opportunity of “Trending Tech”



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2. Report from BDA WGs/TFs:

- a) **Nanpeng Yu:** WG on Data-Driven Modeling, Monitoring, and Control in Power Distribution Networks (<https://intra.ece.ucr.edu/~nyu/IEEE%20PES%20WG.html>)
- b) **Haoran Li:** Big Data Webinar Series WG (led by Yang Weng) (<https://www.public.asu.edu/~yweng2/Tutorial5/>)
Question: How does the WG coordinate webinar schedules for the audience over diversified time zones?
Answer: (1) Accommodating Speaker's schedule is the main consideration. (2) Offer recorded videos; (3) Offer off-line Q&A to audience.
- c) **Song Zhang:** Application of Cloud Computing in Power System TF (promoted to WG) (<https://sites.google.com/view/cloud4powergrid/>)
- d) **Rafael Segundo:** Big Data Analytics on Transmission System WG (<https://www.zhaw.ch/en/engineering/institutes-centres/iefe/energy-storage-and-energy-grids/electric-power-systems-and-smart-grids/task-force-application-of-big-data-analytic-on-transmission-system-dynamic-security-assessment/>)
- e) **Yi Wang:** IEEE Task Force on Data Sharing in Energy Systems
- f) **Di Wu:** TF on Data Analytics for Energy Storage

3. New TF presentations:

- a) **Jun Yan,** TF on Big Data & Analytics for Security and Resilience of Power Systems
- b) **Jhi-Young Joo,** TF on Big Data Analytics for Synchro-Waveform Measurements (Hamed Mohsenian-Rad)

4. TCPC reports on GM2023 papers and panel sessions led by Hung-Ming Chou

- a) TCPC announcement:
Deadline for Panel Application to PES GM 2024: 08/28/2023
Deadline for Paper Submission to PES GM 2024: 11/08/2023
Deadline for Tutorial Proposals to PES GM 2024: 09/11/2023
- b) PES GM 2023, Paper submitted: 20, Paper accepted: 10
- c) Willing to be a reviewer for PESGM2024? Please send a note to hmchou@ieee.org
- d) BDA's Panels in PES GM 2023: 5
- e) BDA's website: <https://site.ieee.org/pes-bdaps/>



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5. Open Discussion

Comments:

- Most of power system data are from utilities. There may be other types of data (such as weather data) that are also relevant.
- BDA could have meetings in other more special conference, which may attract more participants and attentions.)
- BDA's subcommittee meeting is mainly held during General Meeting because other meetings are often more special in topics.