

Update on recent CIGRE developments

CIGRE C0 meeting – 8 June 2021

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CIGRE Centennial Session 2021

- The Session will take place from August 18th to 27th, no activities on Saturdays or Sundays
- It will be an online Session (virtual format)
- A Large Disturbance Workshop will be organised
- Session development will be more like what we are used to with Group Discussion Meetings, Workshops and Tutorials
- National Committees are encouraged to stimulate technical contributions to articles based on Special Reports already prepared and disseminated



CIGRE Session 2022 – Dutch C0 paper abstracts

C1

- Compatibility & interoperability framework to facilitate the step-wise organic development of multi-terminal HVDC grids
- The Gridmaster-toolbox, a step towards a new infrastructure investment paradigm

C2

- The Cyber-Physical System: how to keep control and increase power system resilience?
- Synchrophasor-based Applications to Enhance Electrical System Performance in the Netherlands
- Potential and challenges of AI-powered decision support for short-term system operations
- Transition to a new regional coordination framework
- State Estimation in Medium Voltage Distribution Networks using Pseudo-Measurements
- Developing a configurable Inverter Based FFR solution and field testing on a grid-connected storage asset

C5

- Are imbalance price incentives to Balance Responsible Parties effective in a system with higher volatile RES integration?

CIGRE Kyoto Symposium 3-8 April 2022

Power System Transformation including Active Distribution

- SCs C6 and D2 (Active distribution systems and distributed energy resources) are the Lead SCs for this Symposium. Other supporting SCs: B3 (Substations and Electrical Installations), C1, C2, C4 (Power System Technical Performance) and C5
- Call for Papers: <http://cigrekyoto2022.jp/callfor-papers.html>
Deadline for paper abstracts is: 3 September 2021
- 3 preferential subjects:
 - PS1: Driving towards an enhanced system reliability, security and resiliency
 - PS2: New commercial and technical relations between TSO, DSO and customers
 - PS3: Innovative developments for a sustainable power network

Recent publications

Technical Brochures (TB):

- **TB 826 – Hybrid Systems for Off-Grid Power Supply** by WG 6.28
- **TB 833 - Operating strategies and preparedness for system operational resilience** by WG C2.25
- **TB 835 - Rural Electrification** by WG C6.38.

Webinars:

- **Fundamentals on Hydrogen Supply Chain & Economics and its Impact upon CIGRE** by SC C1
- **Impact of Battery Energy Storage Systems (BESS) on Distribution Networks** by SC C6

Thank you for your attention!



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