

## Joint IEEE/CIGRE Blockchain in Power Systems Panel 25 August 2-4pm Central European Summer Time (8-10am Eastern Daylight Time)

Please join this 2-hour joint IEEE/CIGRE panel session to hear leading experts explore the intersection of blockchain and energy markets. The panel will address the ongoing work of both CIGRE and the IEEE in this segment. Important topics, such as the use of blockchain in new energy market design, blockchain in energy standardization and blockchain applications in transactive energy will be discussed.

[Panelist Info – Click Here](#)

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**Chair David Bowker**, Convenor CIGRE C5.30 Working Group

**Panel Coordinator Fazel Mohammadi**, CIGRE C5.30 Representative

### ***Electricity market challenges and disruptive innovation with emerging technologies***

Hannes Agabus, Tallinn University of Technology, Estonia

- Current market environment and developments in market design (EU example)
- Principles of future EU electricity market design
- Market shortcomings and challenges
- Market improvements with technology solutions (assisting technologies)
- Summary of how blockchain can address market challenges

### ***CIGRE Blockchain Working Group Insights***

Hannah Davis, EPRI

- Working group overview, key objectives, and deliverables
- Potential blockchain applications in electricity markets
- Insights from global blockchain project assessments and technical report
- Next Steps for working group

### ***IEEE Blockchain DLT Standards and Transactive Energy***

Claudio Lima, Ph.D. – Blockchain Engineering Council (BEC) and Co-Founder,  
IEEE Blockchain in Energy P2418.5 WG Standards - Chair

- Blockchain in Energy Standards Updates
- Blockchain Transactive Energy Initiative
- Blockchain Energy Reference Models

### ***Blockchain – The Future***

Umit Cali, Ph.D. – Norwegian University of Science and Technology  
IEEE Blockchain in Energy P2418.5 WG Standards – Vice-Chair

- Blockchain Energy Use Cases – segmentation, survey and mapping from P2418.5
- Blockchain Energy Cybersecurity – updates from P2418.5 Task Force 1
- Next generation Distributed Ledger Technology and outlook

### **Question and Answer Session**

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