

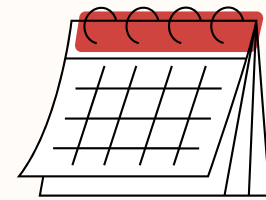


5th IEEE International Conference on Sustainable Energy and Future Electric Transportation (SeFeT 2025)

09 July - 12 July 2025 | Jaipur, Rajasthan, India 

Special Session (SS 5)

“EMPOWERING THE FUTURE WITH HYDROGEN-BASED SYSTEMS”



Submission Last Date: **30th January 2025**

For more details visit on: <https://sefet.in>

100% Accepted and Presented Papers will be Submitted to IEEE Transactions on Industry Applications for Further Review*

Tentative Topics of Session:

- Optimal Placement and Operation of Hydrogen-Based Energy Storage in Renewable-Powered Grids
- Techno-Economic Analysis of Hydrogen Production for Circular Economy in Power Systems
- Development of Advanced Models for Real-Time Monitoring and State Estimation in Grids Incorporating Hydrogen Storage and Fuel Cell Systems
- Resilience Enhancement of Microgrids Using Hydrogen and Fuel Cell Technologies
- Optimization frameworks to design hydrogen pipelines and distribution networks
- Lifecycle Assessment and Sustainability Metrics for Hydrogen-Based Power Systems
- Techniques for Hydrogen Storage and Transportation

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