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UNDER THE PATRONAGE OF



विद्युत मंत्रालय
MINISTRY OF
POWER

सत्यमेव जयते

GRIDCON 2025

INTERNATIONAL CONFERENCE-CUM-EXHIBITION



PowerGrid Center of Excellence in Cybersecurity

***Transforming National Grid with
AI & Quantum Tech for a
Greener, Secure Future!***

Know More

**Importance of
Cybersecurity in OT
Systems and the Center's
Strategy for Ensuring Their
Security.**

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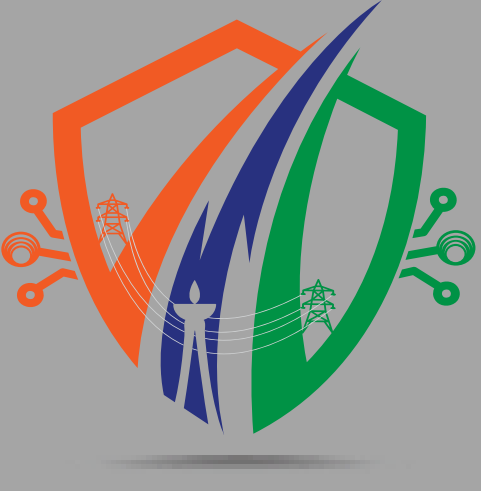
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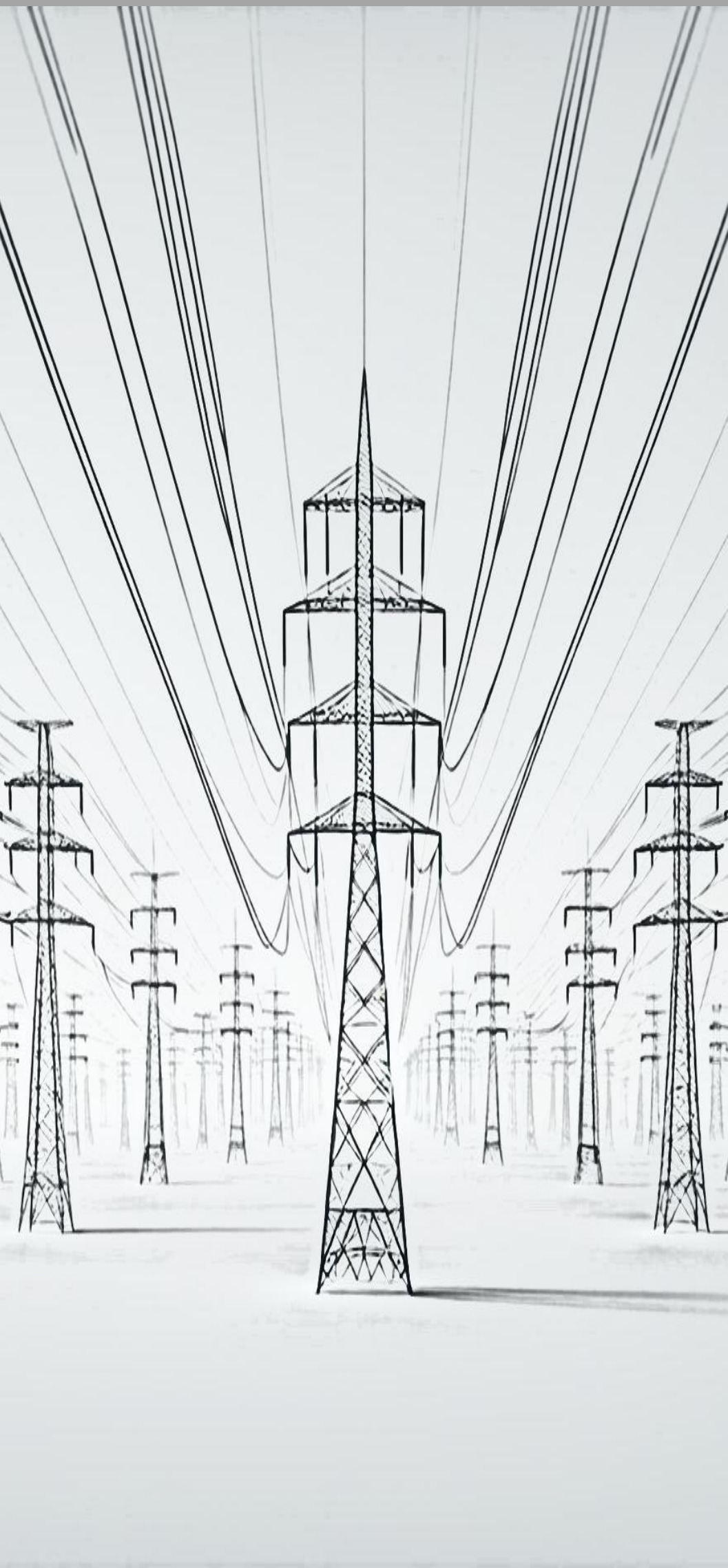


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POWERGRID CENTRE OF EXCELLENCE IN CYBERSECURITY

- Preparedness
- Intervention
- Accountability
- Competency Building



PROJECTS

AI/ML

- [ML Based Intrusion Detection System for Power Grids](#)
- [Development of an Unsupervised Learning-based Model for Cyber-attacks detection in Power Grids](#)
- [Modeling and Vulnerability Assessment of Power Grids](#)

QUANTUM

- [Development of high-quality random number generator for cyber security applications](#)

TESTBED

- Realistic Testbed for evaluation of Cyber Security of PGCIL operation