

Grid-India's AI Early-Warning Plan for the National Power Grid — An Announced Roadmap, Not Yet an Evaluated System

AI in the Public Sector · Good practice · India

Quality score: 27/100

Evidence strength: Descriptive / self-reported

Summary

Grid-India, India's sole national grid operator, announced in Sept. 2025 plans to feed 40-millisecond grid data into AI models flagging instability, cyber threats and market manipulation before faults cascade. This is a named roadmap, not yet a system with published results.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	0/3
Transparency, fairness & accountability	1/3
Transferability / demonstrated replication	1/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-15

[Grid Controller of India Limited \(Grid-India, formerly POSOCO\), Ministry of Power](#) — accessed 2026-08-15

[Down To Earth: India to deploy AI for real-time grid risk detection, cyber security and market surveillance](#) — accessed 2026-08-15

[Outlook Business: India to Embed AI in National Power Grid to Cut Maintenance Costs, Energy Losses](#) — accessed 2026-08-15

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