



RADAR

MODERNIZING GRID RESILIENCE

RADAR is a global effort to modernize how the electric sector detects, anticipates, and responds to emerging risks in an era of rapid change. It provides a scalable framework, advanced tools, and targeted training to help the sector manage increasingly complex grid conditions. By aligning people, processes, and technology, RADAR helps strengthen grid reliability and resilience worldwide.

The 2025 Iberian blackout revealed how fast-changing grid conditions can overwhelm legacy systems. As traditional grid tools and practices prove insufficient in the face of high inverter-based resource (IBR) penetration, regulatory misalignments, and unforeseen operating conditions, RADAR offers a scalable, systematic framework to detect, anticipate, and respond to emerging grid vulnerabilities. Through advanced analytics, modernized planning architectures, and targeted human capital development, RADAR equips utilities, system operators, and regulators with the capabilities needed to ensure reliability and resilience in a rapidly evolving energy landscape.



Proactive risk framework that helps utilities detect and respond to threats with enough lead time to make informed decisions



Identify limitations in current software, data, and workflows to manage the complexity of inverter-based grids



Advanced training to upskill personnel in emergency operations, IBR management, and decision-making under uncertainty



Blueprint for transitioning from today's process and tools to future-ready architectures



RADAR accelerates the adoption of best practices and scalable solutions



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Learn More on How to Join:

For more information, contact:

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November 2025

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