IEEE 1547-2018

IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces

July 29, 2026, 7 am PDT

Live Stream Seattle Washington

Join us for a session on the IEEE 1547 Interconnection to the Grid. Start selling power back to the local Utility from all the energy you are creating from your onsite microgrids.

Are you interested to know about the policy? Not life insurance policy. The real "Energy Policy Act of 2005" who established IEEE 1547 as the national standard for the interconnection of distributed generation resources in the United States of America. Purpose of IEEE 1547: With the increased adoption of distributed resources/energy assets in the present and future, a set of standards regarding their usage in the grid becomes increasingly important for the overall reliability, safety, and cost. Furthermore, the lack of a concrete national standard was seen as a roadblock to the implementation of new distributed generation projects. The standard is intended to be universally adoptable, technology-neutral, and cover distributed resources as large 10 MVA in power grids. This document provides a uniform standard for interconnection of distributed resources with EPSs [Electric Power Systems]. It provides requirements relevant to the performance, operation, testing, safety, and maintenance of the interconnection.

Mounika VB Rudra

Ms. Mounika VB Rudra who is an enthusiastic and innovative electrical engineering leader having expertise in Power Systems focused area. An operational & technical expert having 7+ years of service in national level organizations like Schneider Electric and OATI as a senior technical contributor who is responsible for the design, analysis, integration, and validation of complex electrical power architectures supporting radar systems. Also collaborated closely with cross functional teams to ensure power solutions meet performance, reliability, safety, and cost objectives throughout the system lifecycle. Acted as bridge between technical design with daily operations of energy managing teams to optimize generation, transmission, or distribution assets while navigating regulatory compliance and modernization efforts which include leading maintenance planning, troubleshooting, and smart grid innovation.

Pamela Hamblin

Ms. Hamblin is the CEO and Founder of NuEnergy and a seasoned expert in business development with 25 years of experience in the energy sector. A champion for the energy transition, she also serves as a Fractional Executive and Co-founder of the Microgrid Consortium Ecosystem, where she focuses on the integration of microgrids and grid modernization. Pamela is passionate about leveraging the convergence of energy and technology to build a sustainable future, using her extensive connections to remove barriers to progress and drive meaningful industry change.

Are you not sure when to use which standard to meet up the power systems protecting policy? Come join me to know more about grid dynamics and requirements to avoid the risk of system disturbances!!

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