

THE IEEE SMARTGRID: A COLLABORATIVE APPROACH

Over the years, our nations' power grids have grown in size, scale and complexity. Today, our power grids are overburdened, failing us more frequently and presenting substantial risks.

The good news is that most government policymakers, business leaders and other key stakeholders agree that a "smarter" grid is needed to power our daily lives in a cleaner, safer and more affordable way. However, each key stakeholder brings different ideas, technologies and agendas to the table. Coordinating a modernization effort in that environment is an enormous challenge, but the importance of the Smart Grid—to the world—is too great for stakeholders not to work together.

IEEE IS UNIQUELY QUALIFIED TO LEAD THE GLOBAL SMART GRID

As the trusted voice for the engineering, computing and technology communities around the world, IEEE is the organization best suited to lead the promise and fulfillment of the Smart Grid. IEEE envisions the Smart Grid as a sophisticated integration of electrical grids, communication, networks, hardware and software that will grow with our evolving energy needs as new technologies arise. Ultimately, the Smart Grid will increase energy independence and reduce energy pollution around the world, benefiting humanity on many levels.

To realize the Smart Grid vision, IEEE is engaging all stakeholders through collaboration, education and innovation to facilitate the delivery of more efficient, renewable and secure forms of energy throughout the world. As the world's largest technical professional association, IEEE is leveraging its strong technical foundation to develop standards, share best practices, publish developments and provide related educational offerings to advance technology and facilitate successful Smart Grid deployments throughout the world.

IEEE IS THE "GO-TO" SMART GRID SOURCE By bringing together all stakeholders under one umbrella, IEEE is serving as the leader in the Smart Grid movement and number one resource for enabling Smart Grid technologies. IEEE is the place to go for information and collaboration on Smart Grid. IEEE touches every part of the Smart Grid, playing a critical leadership role in driving education, facilitating new discoveries and breakthroughs, and establishing best practices and industry standards.

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about the IEEE Smart Grid,
visit smartgrid.ieee.org

To advance communication and collaboration on the Smart Grid, IEEE has developed a Smart Grid portal: www.smartgrid.ieee.org. The IEEE Smart Grid Portal is an integrated gateway to Smart Grid education, intelligence and news from IEEE and other expert sources. Designed for vendors, policymakers, educators, academics, governments, engineers, computer scientists, researchers, and other stakeholders in the power and energy, information technology, and communications industries, the Smart Grid portal is an integral part of IEEE's holistic approach to the Smart Grid initiative.