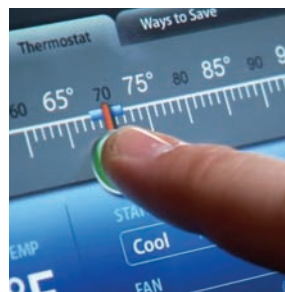
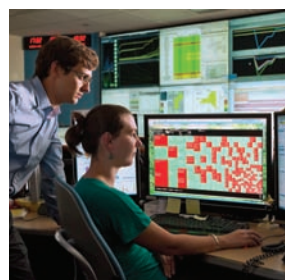


## The New IEE

By Lisa V. Wood, executive director of IEE

The first years of the 21st century have shown how innovation in electric power and collaborative relationships with technology companies can unlock value in the distribution system, and, as utilities deliver energy services and saving opportunities to households and businesses, light new pathways to customer engagement. Today, through testing and deployment of new technologies, utilities across the United States are in an excellent position to deliver enhanced electric service to customers.



tion of circuit-level distribution automation, voltage control and regulation, enhanced outage detection and restoration driven by geospatial informatics, and customer-centric applications powered by advanced metering and sensor technologies. These investments have created tangible benefits for the customer and exemplify the fundamental transformation occurring in the electric power sector.

These technological changes are disruptive game-changers (in a good way), and understanding their benefits as well as costs and risks is important for regulators, customers, and other stakeholders. As the equipment and analytics that compose the modern grid become more widespread, utilities will have more information both to operate the grid more efficiently and to provide energy-use insights to customers.

New technologies, new power generation sources, and new ways to manage energy are all contributing to a transformation of the electric power sector. The power industry is at an inflection point, and IEE's role is to help inform the future by promoting the sharing of information, ideas, and experiences among regulators, policy makers, technology companies, and electric utilities.

### A New Goal

IEE, an Institute of the Edison Foundation, will continue to facilitate a well informed dialogue by hosting forums and events, conducting in depth analyses, providing thought leadership, and engaging key stakeholders in focused discussions and meetings. Two recent IEE initiatives—the “Powering the People” forum, which brought together technology companies, business thought leaders, and electric utilities to demonstrate how utilities are in partnership with technology companies to upgrade and modernize the grid; and the “IEE Partner Roundtable,” a group of leading smart-grid technology companies—underscore the value of stakeholder engagement. The new IEE will

Efficiency is no longer a set of isolated programs. It now covers a broader footprint and encompasses optimizing the electric grid and managing energy use efficiently at the end-user site. Recognizing these changes, IEE is broadening its focus and charter beyond electric efficiency to focus on driving the adoption of innovative and efficient technologies in the electric power sector, and new regulatory and business pathways forward.

### At Stake: Identity

In just a handful of years, the smart grid has moved from the drawing board to the field. You can see this in the prolifera-

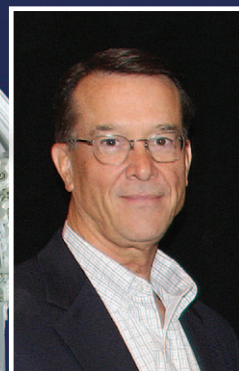
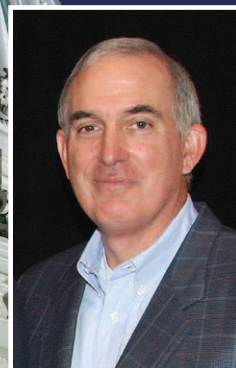
- convene forums and dialogues for discussion of new work, ideas, and innovations related to grid modernization and customer engagement;
- publish information on grid modernization;
- identify opportunities for innovation in electrification that provides benefits to customers and the economy;
- provide thought leadership related to driving innovative and efficient technologies in the electric power sector; and
- publish an IEE “Annual Outlook” on the role of innovative and efficient technologies in the 21st century power grid.

IEE does indeed stand for innovation, electricity, and efficiency. ♦



# ELECTRIC PERSPECTIVES

NOVEMBER/DECEMBER 2012



## EEL's Executive Leadership: **Defending the Dividend**

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**New Substation Design**

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**Military Weighs Microgrids**

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**Growth of Megacities**

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