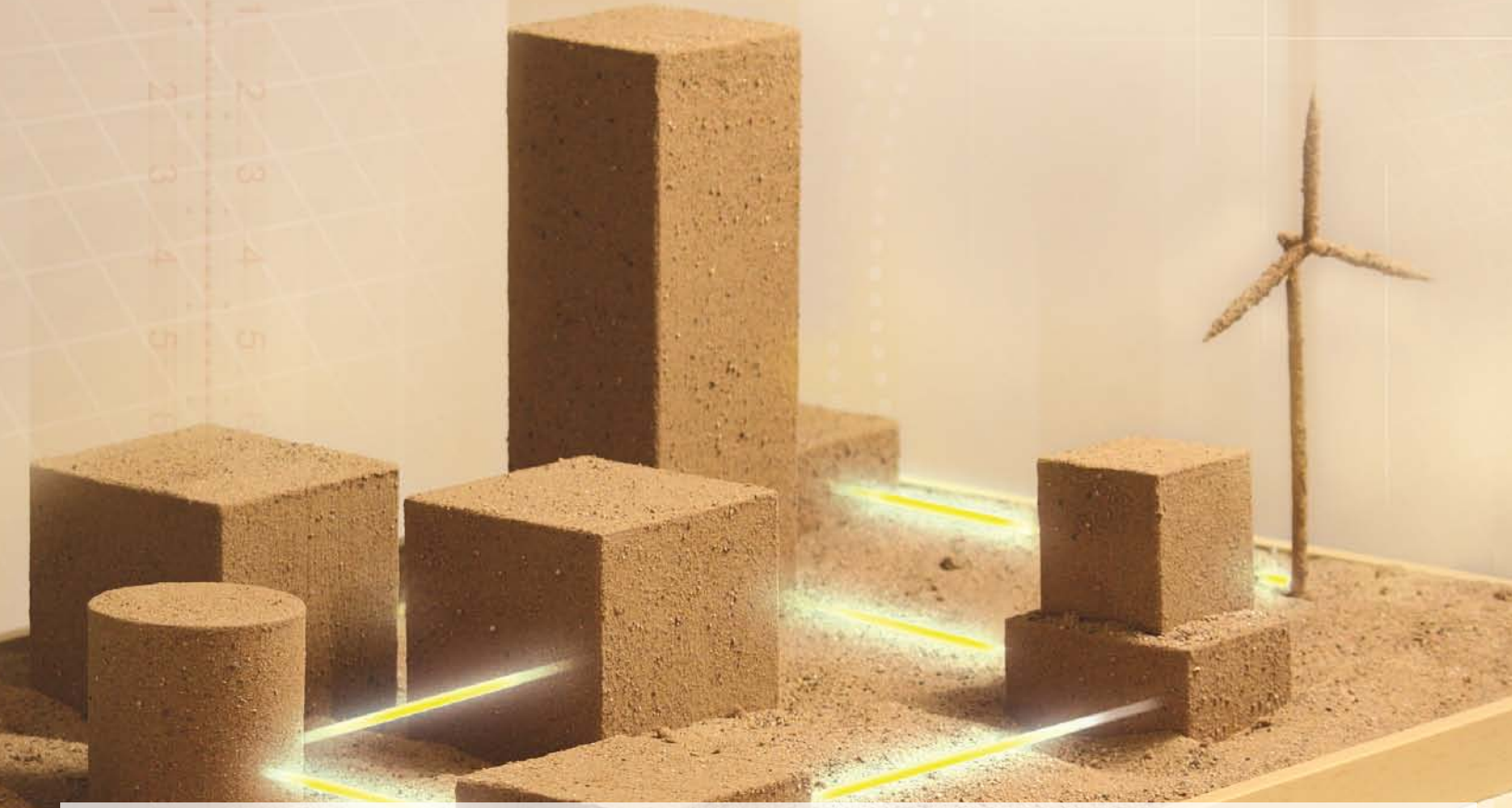


ILLINOIS INSTITUTE OF TECHNOLOGY

CENTER FOR ELECTRICITY INNOVATION



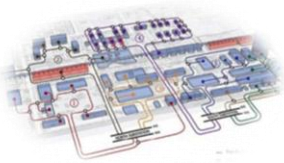
CENTER MISSION

The **Center for Electricity Innovation** at Illinois Institute of Technology is a major new university initiative to improve the reliability, security, efficiency, and sustainability of the nation's electrical grid and overcome obstacles to the effective adoption and implementation of the Smart Grid.

The Center brings together researchers, industry, government, and innovators to “plug-in” to IIT’s smart microgrid, research laboratories and technology park, creating a hub – or sandbox – for new innovations in advanced grid technology.

CENTER INITIATIVES

As part of the Wanger Institute for Sustainable Energy Research (WISER), the Center for Electricity Innovation focuses on groundbreaking work in the generation, transmission, distribution, management and consumption of electricity.



PERFECT POWER

In 2008, Illinois Institute of Technology (IIT) entered into a \$12 million partnership with the Department of Energy to build the first-ever prototype of a Perfect Power microgrid – an electric system that will not fail – on its Main Campus in Chicago.



SMART GRID WORKFORCE EDUCATION & TRAINING CENTER

In 2010, the Center initiated a \$12.6 million project, supported by the Department of Energy and the State of Illinois, to educate and train the nation's workforce to meet the global challenges and opportunities of the smart grid.



IIT WIND CONSORTIUM

In 2010, the Center was awarded an \$8 million grant from the U.S. Department of Energy to establish a University-Industry Consortium for Wind Energy Research, Education, and Workforce Development. The Center was also awarded \$750,000 from DOE to study wind integration into the grid.



IIT-KOREA SMART GRID RESEARCH PARTNERSHIP

The Center is helping to lead the Illinois-Korea Smart Grid R&D Collaboration, a \$25 million effort to accelerate the development of smart grid-supporting technology.



ILLINOIS SMART GRID REGIONAL INNOVATION CLUSTER

IIT is leading the development of an innovation platform for Smart Grid technology that recently was awarded \$600,000 from the Small Business Administration. The Cluster will provide technical and business support to speed new Smart Grid technologies on the path to commercialization.



ADVANCED ENERGY RESEARCH LABORATORIES

New advanced energy laboratories will allow researchers to use the Perfect Power System as a test bed for new technology research and Smart Grid systems evaluation.

CENTER FOR ELECTRICITY INNOVATION

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