



## **Galvin Center for Electricity Innovation**

### **Celebration of a Milestone at Illinois Institute of Technology**

### **Completion of the First Phase of the Perfect Power Project**

Friday, February 12, 2010  
Siegel Hall Lobby, IIT

3301 South Dearborn Street  
Chicago, IL 60616

#### **Morning Agenda**

10:00	Welcome Remarks	Alan Cramb (IIT)
10:03	Introduction	Mohammad Shahidehpour and Zuyi Li (IIT)
10:06	WISER Initiative	Ralph Wanger and Hamid Arastoopour
10:10	DOE Project at IIT	Steve Waslo (US DOE)
10:15	Perfect Power Initiative	Bob Galvin and Kurt Yeager (GEI)
10:20	Smart Grid at ComEd	Terry Donnelly and Fidel Marquez (ComEd)
10:25	HRDS Design for IIT	Tom Tobin (S&C Electric)
10:32	Reliability of Perfect Power Systems	Alex Flueck (IIT)
10:40	Control System for Perfect Power	John Kelly and Greg Rouse (Intelligent Power Solutions)
10:47	Perfect Power Demonstration	Chi Zhou and Abiodun Iwayemi (IIT)
10:55	Perfect Power Implementation	Joseph Clair (IIT)
11:05	Virtual Campus Tour	Amy Henson and Alex Flueck (IIT)
11:10	Smart Grid Initiative at IEEE	Mohammad Shahidehpour (IIT)
11:18	Q&A Session	Mohammad Shahidehpour and Joseph Clair (IIT)
11:30	Tour of Loop 3 Installation	Joseph Clair and John Collins (IIT)

Perfect Power at IIT will result in a power system that will not fail the end user. The system consists of smart microgrids featuring a loop design and redundant electricity. It will allow IIT to eliminate costly outages, minimize power disturbances, moderate an ever-growing demand, and curb greenhouse gas emissions. Phase one of the system is completed in which the first HRDS loop was constructed and became operational.