



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.