



Workshop on 'Smart Grid Technologies'

Regional workshop on Smart Grid Technologies hosted by IPIC and NEETRAC at Georgia Tech

IPIC Sponsors: Southern, GE, ABB, Siemens, Eaton, Schneider, DOE & others

Invitees include utilities, industry, agencies and academia

Date: November 17 (evening) and November 18, 2009

Place: Georgia Tech, Atlanta, GA

Venue: Georgia Tech – Nano Technologies Building

Objective:

To bring together major stakeholders to evaluate the potential for Smart Grid Technologies, and the impact on regional and US energy infrastructure and sustainability.

Abstract:

As the nation moves towards a sustainable energy infrastructure, it has become clear that a Smart Grid is one of the critical building blocks. The DOE under ARRA funding is supporting over \$4Billion in new initiatives to develop and deploy Smart Grid technologies and solutions. This workshop will focus on key Smart Grid technologies and the impact on factors such as renewable energy penetration, carbon emissions and energy self-sufficiency. Solutions include smart meters, real time pricing, electric and plug-in hybrid electric vehicles, renewable energy, distributed energy, demand side management, distribution automation, improved control of T&D assets, redesign of electricity markets to achieve sustainability and emission goals, new generation technologies, communications, network control using PMUs, intelligent sensors, system optimization and control with intelligent devices, network planning with renewable energy, policy and market redesign with smart grid, etc. In today's competitive environment, cost-effective solutions are required to build a Smart Grid, critical for realizing a reliable, affordable and sustainable electricity infrastructure.

For information: Prof [Deepak Divan](#) or [Frank Lambert](#)