

Vážení kolegové/kolegyně,  
Rádi bychom Vás pozvali na přednášku a následnou diskusi:

## **The principles of Energy Policy**

### **Can we reliably and securely meet our growing energy needs?**

**Dr. Veronika A. Rabl,**  
Vice Chair of the IEEE-US Energy Policy Committee

Tato přednáška se bude konat v budově ČEPS (Elektrárenská 774/2, 101 52 Praha 10)  
Podělí **24. října 2012** od **13.00 hodin**.

Přednášku pořádá československá sekce IEEE Power systems and Energy spolu s ČEPS v rámci programu IEEE PES Distinguished Lectures.

**Miroslav Vrba**  
Člen představenstva ČEPS

**Ivan Petružela**  
chairman IEEE CS PES

#### **ABSTRACT**

Veronika Rabl will discuss IEEE-USA energy policy recommendations and issues faced by the US electricity industry. Electricity continues to be the engine of progress in the U.S. and around the world. However, it is now under substantial pressure to respond to environmental concerns, deal with uncertainties in both local and global energy supplies, and accommodate the rapid evolution of new generation sources and technology options available to its users. The major challenge is to develop solutions which take into account limited energy supplies as well as availability of financial resources. To ensure that we can reliably and securely meet our growing energy needs, we must:

- use energy and economic resources more efficiently
- adopt measures for safe integration of renewable energy sources into the electric grid;
- expand energy sources for our transportation systems;
- transition our energy systems and our economy to one that can better manage our environment and
- build flexibility and adaptability into all elements of our energy infrastructure.

#### **BIOGRAPHY**

Veronika Rabl is a recognized expert in electric technologies and energy industry issues. During her career she provided technical and business leadership for design, analysis, engineering, and implementation of energy technologies and programs in all sectors of the economy. She has authored numerous papers and has been an invited speaker and lecturer at many energy-related events in the U.S. and abroad.

Until 2001 she served as Director and General Manager, Retail Energy Products and Services, at the Electric Power Research Institute (EPRI), leading the product portfolio strategy for retail and power markets. During her career at EPRI, Dr. Rabl directed a range of technical and business areas, including strategic planning, market research, demand-side management, electric transportation, power quality, distribution systems, and metering. Currently, she is Senior Subject Matter Expert at Energetics, Inc., and an independent consultant specializing in Dr. Rabl's recent work includes group leadership and preparation of demand management recommendations for the Virginia State Corporation Commission; a comprehensive examination of energy conservation effects of distribution voltage reduction; assessment of carbon tax and cap-and-trade impacts on markets for electric and hybrid vehicles; and leadership in organizing a workshop on knowledge gaps & implementation barriers to timely deployment of most promising greenhouse gas management technologies.

She is the Vice Chair of IEEE-USA Energy Policy Committee and IEEE Lead Technical Member of the Engineering Founder Societies' Technology for Carbon Management Initiative. Dr. Rabl was also selected to serve as Expert Reviewer of the IPCC Working Group III Special Report on Renewable Energy Sources and Climate Change Mitigation. She is a recipient of the IEEE-USA Professional Achievement Award for Individuals.