



## [Background Paper](#)

### Summer Seminar Outline

The format of the Summer Seminar consisted of three panels, general discussion sessions and breakout groups.

- The first panel was comprised of utility decision makers facing long-term, billion dollar advanced generation investments in a highly uncertain world.
- The second panel focused on regulation and policies that influence decisions on new generation options.
- The third panel focused on the state of, and outlook for, new electricity generation technology.

## 2005 Summer Seminar

Each year, the Advisory Council and Board of Directors of the Electric Power Research Institute convene a diverse group of leaders from industry, academia and government to discuss critical issues facing the electricity industry and society. The seminar is designed to air diverse views, to explore common ground and, where possible, to develop a new pathway forward.

This year's topic was "Making Billion Dollar Advanced Generation Investments in an Emission-Limited World." Please see the presentations below for more details.

### Keynote Speaker

#### [New Base-Load Generation Options: Portfolio of Technologies](#) (PDF 178KB)

Steven R. Specker  
Electric Power Research Institute

### Panel One: Investment Considerations

#### [IGCC: AEP's Next Generation](#) (PDF 3.1MB)

Robert P. Powers  
American Electric Power

#### [Investment in New Capacity: Natural Gas](#) (PDF 281KB)

David G. Victor  
Program on Energy and Sustainable Development, Stanford University

#### [Renewable Energy: Making Billion Dollar Advanced Generation Investments in an Emission-Limited World](#) (PDF 1.1MB)

Michael Eckhart  
President, American Council On Renewable Energy (ACORE)

### Panel Two: Policy and Regulation Related to Investments in Generation

#### [CO2 Capture & Storage -- Just Do It!](#) (PDF 680KB)

David G. Hawkins  
National Resources Defense Council

#### [The Policy Landscape Affecting Generation Investment -- Key Issues: Infrastructure Siting, Long-Term Commitments and Climate Change](#) (PDF 339KB)

Susan Tierney  
Managing Principal, Analysis Group

#### [Policy and Regulation Driving Investments in Clean Energy](#) (PDF 146KB)

David Conover  
Principal Deputy Assistant Secretary, U.S. Department of Energy

#### [Regulatory Paradigms and Generation Resources: Recent Developments](#) (PDF 321KB)

Kevin C. Fitzgerald  
Troutman Sanders LLP

### Panel Three: Technological Aspects of Generation Options

#### [New Plants Deployment](#) (PDF 1.6MB)

Ray Ganthner  
Framatome ANP

#### [Global Gas](#) (PDF 600KB)

Joe Naylor  
Chevron Global Gas

#### [The Promise of Renewable Electricity](#) (PDF 928KB)

Dan E. Arvizu  
Director, National Renewable Energy Laboratory