

Carbon Regulations and Implications for EE and RE

Energy Analysis Forum 2007 – Session 1
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U.S. Carbon Policy Design Elements

- Options: Carbon Tax, or Cap and Trade System, other policies
- Cap and Trade:
 - Points of regulation (upstream, downstream, both)
 - Covered sectors (economy-wide, electric-sector only)
 - Distribution of emissions allowances (free allocation, auction, combination)
 - Timetable and targets
 - Offsets and International credits
 - Price stability, e.g. safety valve

Session Questions

- What are the implications of carbon regulation for renewable energy (RE) and energy efficiency (EE) technologies?
- What is the potential role of these technologies in meeting carbon reduction goals?
- What does carbon regulation imply for market development of EE/RE technologies?
- What lessons can we learn from air quality regulation, existing regional or international carbon policies, or carbon program implementation that can help shape future carbon policy?

Speakers

“Insights from EIA Analyses of Climate Change Policy Options”

Howard Gruenspecht, EIA

“Allocation Issues and Carbon Market Design”

Joe Kruger, National Commission on Energy Policy

“EPA Models/Tools and Activities”

Eric Smith, EPA