
Energy Policy

A mechanism for sustainable solutions

UCSD Earth Day Celebration

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Presentation Overview

- EPIC Overview
- Hot Topics in Energy Policy
 - Climate Change
 - Solar Energy
- Legislative Initiatives
- Questions

About EPIC

- Academic and Research Center
 - University of San Diego School of Law
- Funded with settlement monies from a lawsuit against Duke Energy
- EPIC Mission
 - Educate the public and public officials concerning energy issues and policies;
 - Educate law school students about energy law and policy;
 - Conduct research and analysis on energy trends, policy options and their implications; and,
 - Encourage the use and development of less costly and more environmentally-friendly energy resources.

About EPIC

- Academic Program
 - Energy Law and Policy Course
 - Energy Industry Overview
 - History of legal framework for energy regulation
 - Review of influential case law
 - Key state and federal regulations
 - Ongoing regulatory proceedings
 - Current policy trends
 - Renewable Energy
 - Climate Change

About EPIC

- Research and Analysis
 - Smart Grid Study
 - Assess feasibility of intelligent grid in San Diego
 - Solar Laws
 - Legal analysis for consumers
 - Renewable Energy Certificates (RECs)
 - Who owns RECs from distributed generators?
 - Legislative Analysis
 - Regulatory Analysis

Hot Topics in Energy Policy

- California Solar Initiative (CSI)
 - CA Public Utilities Commission
 - Approved CSI on 1-12-06
 - Financial Incentives
 - Photovoltaics
 - Solar thermal electric
 - Solar water heating (pilot)
 - Funding Amount
 - \$2.5 billion (CPUC)
 - Commercial and Existing Residential Buildings (CERB)
 - \$350 million (CEC)
 - Residential New Construction Component (RNCC)



Hot Topics in Energy Policy

- California Solar Initiative (CSI)
 - Largest Solar Program in the U.S
 - But much smaller than Germany's!
 - Program Goals
 - 3,000 MW of solar energy by 2017
 - ~4% of total demand in 2017
 - Create a viable solar industry
 - Reduce prices, so no subsidies needed

Hot Topics in Energy Policy

■ Climate Change

- Gov. Schwarzenegger Exec. Order S-3-05
 - GHG levels to year 2000 levels by 2010
 - GHG levels to year 1990 levels by 2020
 - GHG levels to 80% below 1990 levels by 2050
- Gov's Climate Action Team Report*
 - Released April 3, 2006
 - Specific policy recommendations

*See www.climatechange.ca.gov/climate_action_team/



Hot Topics in Energy Policy

- Climate Change

- CA Public Utilities Commission

- GHG Performance Standards

- Emissions equal to natural gas power plant

- SB 1368 (Perata) would codify these standards

- Rulemaking to implement standards

- Cap and Trade Program

- Market-based solution to reduce GHG emissions

- CPUC rulemaking underway

Hot Topics in Energy Policy

- Other Climate Change Legislation
 - AB 32 (Pavley)
 - Would codify Exec. Order Goals
 - CARB to establish an emissions tracking system
 - AB 2315 (McCarthy)
 - Intent of Legislature to establish CA Climate Neutral Combustion Power Generation Program

Legislative Initiatives

- 2006 Legislative Session
 - ~48 Energy Bills
 - 30 related to environmental issues
 - Climate Change (3)
 - Renewable Energy (8)
 - Solar (9)



Legislative Initiatives

■ Renewable Energy Bills

- AB 2207 (Blakeslee) Renewable Energy Credits
- AB2756 (Levine) Renewable Energy Technologies
- AB 2924 (Arambula) Renewable Energy Incentives
- SB 1728 (Battin) Renewable Energy Resources
- AB 1969 (Chavez/Yee) Renewable Energy by Water Districts
- AB 2189 (Blakeslee) Renewable Portfolio Standard
- AB 2874 (Benoit) Renewable Energy by Water Agencies
- AB 3016 (Blakeslee) CEC Renewable Energy Resource Plan

Legislative Initiatives

■ Solar Energy Topics

- AB 2806 (Hancock) Sales & Use Taxes
- AB 2849 (Ruskin) Tax Credits for Solar Energy
- AB 2993 (Leno) Net Energy Metering
- SB 1572 (Murray) Solar Energy System Standards
- SB 1700 (Murray) CA Solar Initiative Program
- AB 2617 (Saldana) Solar Training Program
- AB 2912 (Torrico) Solar Energy in Schools
- AB 2723 (Pavley) Low-Income Revolving Loan Prog.

Thank You

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