

# Clean and Diversified Energy Initiative

**Rich Halvey**

**Phoenix, AZ**

**May 18, 2005**

---



---

# Background

- North American Energy Summit
  - June 2004 Governors' Resolution
    - Protection against shortages and spikes
    - National energy policy that is diverse and contains both conventional and alternative energy resource development, energy efficiency and conservation
    - Meet the energy needs of the West
    - Respond to environmental challenges
    - Take advantage of new technologies that lower the cost of renewable energy and reduce emissions control
-



---

# Objectives

- Diverse portfolio
  - 30,000 megawatts of clean energy by 2015
    - Solar, wind, geothermal, biomass, clean coal and advanced natural gas
  - 20% increase in energy efficiency by 2020
  - Meet transmission needs over the next 25 years
-



---

# Achieving the Goals

- Traditional and non-traditional resources
  - Incentive based, non-mandatory
  - Strengthen economic growth, promote energy price stability, mitigate environmental impact, maximize reliability and abundance of diversified resources
  - Integrate new and traditional technologies
-



---

# Organization

- Clean and Diversified Energy Advisory Committee
    - Identify recommendations that are technically and financially viable
    - Identify mitigation of environmental impacts
-

---



# Principles of the CDEAC

- Ensure broad viewpoints are represented to the governors
  - Represent the public interest as a whole
  - Guided by Enlibra principles
  - Operates on the principle of consensus
-

---



# Task Forces

- Efficiency
  - Wind
  - Solar
  - Geothermal
  - Clean Coal
  - Advanced natural gas
  - Biomass
  - Transmission
-

---



# Working Group

- Quantitative work group
    - comparability
    - consistency
-

---



# Integration Subcommittee

- Task force chairs
  - CDEAC chairs
  - Other interested CDEAC members
-



---

# Guidance to Task Force

- No original research
  - Current capacity, location, relevant policies
  - Projected achievements in the next 5, 10, 20 years and necessary actions
  - Policies that will contribute to the goal
    - barriers or impediments
    - cost curves
    - analysis of impacts
-

---



# Guidance to Task Force

- Assess the feasibility of policies that will contribute to achieving the goal
  - Development of scenarios
  - Economic and security benefits
  - Reliability challenges of technologies
-



---

# Recommendations to CDEAC

- Direct actions the governors can take to achieve the goals
    - e.g., inclusion in State Implementation Plans
  - Influence on other entities
    - e.g., NAD Bank to invest in projects
  - Influence on other levels of government
    - Local, federal
-



---

# Schedule

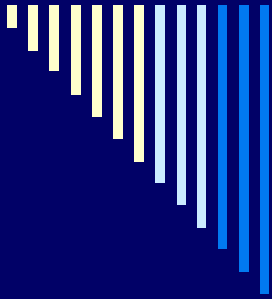
- Task Forces are currently meeting
  - September 1 – draft reports released for public comment
  - November 1 – final reports submitted to the CDEAC
  - December 2005 – CDEAC selects scenarios for transmission analysis
  - March 2006 – draft report to steering group
  - June 2006 – final report released
-

---



# Resources

- DOE/NREL assistance
  - WGA staff
  - Facilitation assistance
-



---

If you would like to participate in a task force, please contact Rich Halvey

[rhalvey@westgov.or](mailto:rhalvey@westgov.or)

303-623-9378

Web site: [www.westgov.org](http://www.westgov.org)

Follow the links to Clean and Diversified Energy Project

---