

# **Renewable Resource Development Report**

IEPR and Renewables  
Joint Committee Workshop

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# Legislative Requirements

- SB 1038 requires the Energy Commission to prepare and submit a renewable resource assessment to the Legislature by Dec 1, 2003.
- SB 1389 requires an Integrated Energy Policy Report (IEPR) every two years. To be submitted to Legislature on Nov. 1, 2003
- The RRDR will be a technical appendix to the Public Interest Energy Strategies (PIES) report of the IEPR.

# RRDR Topics

- History of Renewables
- Renewable Portfolio Standard (RPS)
- Update of PRRA
  - Update data
  - Plausible scenario for out-of-state renewables
  - International members of WECC
  - Accelerated RPS (20% by 2010) scenario
- Benefits and barriers to development
- Research on Renewables

# RRDR Schedule

- **June 24<sup>th</sup>** Workshop to gather input
- **July 25<sup>th</sup>** Staff draft of PIES report available for public review (does not include technical appendix)
- **Aug 13<sup>th</sup>** Committee Hearing on PIES report
- **Sept 30<sup>th</sup>** PIES Technical Appendix available for public review
- **Oct 22<sup>nd</sup>** Report Adopted at Business Meeting
- **Oct 31<sup>st</sup>** Report sent to Legislature

# Questions

1. To what extent have renewable technologies been incorporated into state and local security plans? What are the benefits and barriers to expanding this application of renewables?
2. What can be done to increase the contribution of renewable energy toward mitigating the effects of energy price volatility and price shocks? Which measures provide the best balance between benefits, costs, economic efficiency and equity?
3. What are the impacts of renewable energy on CA's electricity and natural gas system in relation to the provision of reliable and affordable energy?

## Questions (cont.)

4. What are the environmental impacts and public health effects of a major increase in renewable electricity generation technologies?
5. Is there any R&D currently being conducted related to renewable energy that looks promising for the near term? Longer term? Are there areas of research needed to further develop the renewable energy market? What are these research needs?