

Docket Optical System - Walnut creek Energy park

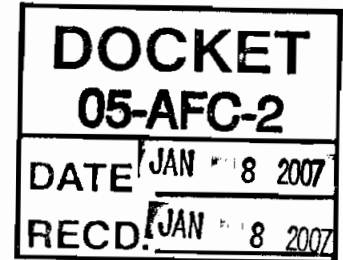
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Date: 1/8/2007 12:31 PM
Subject: Walnut creek Energy park

To All: I do not think this application meets the spirit of Senate Bill 1368 I am Donald E. Lutz a registereged professional engineer in the state of California. I have a Web Site

www.truthaboutenergy.com

Below is a page **California's Folly** which I discuss the issue:

Senate Bill 1368



This bill requires the State Energy Conservation and Development Commission to set emission (e.g., pollution) standards for those entities providing electricity in the state. The bill requires the Public Utilities Commission to prohibit electricity providers and corporations from entering long-term contracts which do not meet the State Energy Conservation and Development Commission's standard.

The bill requires the CEC to set standards for greenhouse gas emissions from power plants. **The standard may not exceed the average emissions of a comparable combined-cycle natural gas plant.**

My comments:

- **This bill would not permit cheap energy coal plants in the future. Any coal plant would have to be the new Integrated Gasification Combined Cycle (IGCC) that is currently under development. However, this type of plant does produce large amounts of CO2. California would certainly require that CO2 be removed and sequestered by pumping it deep into the ground.**
- In my opinion, sequestering CO2 is not feasible. Enormous volumes of CO2 would have to be separated from the emission stream, compressed, and pumped to a deposal site. Aside from being impractical, it would be very expensive to dispose of the CO2.
- California currently gets 20% of it electrical energy from coal fired plants located out of state. Under the new law, this practice would no longer be permitted for future plants. Thus the future power plants would have to come from natural gas combined cycle plants which will become very expensive due to the rapidly escalating price of natural gas.
- **Here is a good one to watch. Under the Law AB 1368 The Walnut Creek simple cycle energy plant would not be allowed because its thermal efficiency is only 41% compared to 60% for the latest GE combined cycle gas fired plant. Due to the efficiency difference, the Walnut creek plant would produce 50% more CO2 per day (30,000,000 cubic feet greater CO2) compared to the GE's latest combined cycle plant. Not a trivial amount is it?**

Walnut Creek Energy Park On November 22, 2005, Walnut Creek Energy, LLC (WCE), a wholly-owned subsidiary of Edison Mission Energy (EME), submitted an Application for Certification (AFC) to construct and operate a nominal 500 megawatt (MW) simple-cycle power plant, the Walnut Creek Energy Park (WCEP), in the City of Industry.

From: Garret Shean
To: Commission Docket Unit
Date: 1/8/2007 1:35:49 PM
Subject: Fwd: Walnut ceek Energy park

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