

From: mary aldern <hikermomma1@yahoo.com>  
To: sunrise@aspeneg.com  
Sent: Sun Aug 24 22:10  
Subject: Fwd: Comments on Recirculated DEIR 06-08-010

To Whom It May Concern:

I would like for you to consider that the need for transporting energy from large rural industrial solar or wind farms appears to be lessened by two recent discoveries, and even during the course of these proceedings, which subsequently may affect the need and cost efficiency of transporting energy by way of the proposed Sunrise Powerlink, from Stirling Solar Systems or from the internationally negotiated Power Plants near La Rumerosa, in Mexico, to urban centers such as San Diego or other locales in Southern California:

First, that an MIT professor recently discovered a way of storing intermittently generated alternative energy, such as solar or wind, through the elucidation of a new catalyst which employs common and inexpensive materials, which can be used with a fuel cell to later retrieve earlier generated power. This downplays the need to generate so much solar from prime solar fields which are so far away from the end-user; solar power can now be generated and stored throughout the day, even in sub-prime solar collection areas, for use throughout the night, at a much lower and much more competitive cost, and

Second, that the cost of materials are continuing to go down and the efficiency of designs of solar energy generators are going up, due in part to the parade of discoveries of lower-tech designs that are not necessarily silicon-based, and that can be applied to existing structures such that large and costly installations are no longer as necessary. Indeed, California-based "Thin film" technologies are leading the way in solar innovation for the rest of the world, and there soon may be no need for transmission lines such as the proposed Sunrise Powerlink, which promises to destroy California's own beautiful parklands and forests to bring power centers energy that may very well be easily produced on site, rather than on location.

In this fragile time of economic concern, now is no time to approve costly plans to upgrade transmission systems that have not been proven safe, useful or necessary.

Instead, let us examine the ways that energy is generated, transported, and subsidized, such that it better serves communities... and our physical and economic landscape.

In my opinion, in-basin generated solar energy is the most safe and secure in regard to the issues at hand, so, I recommend that the commission take a good long and hard look at this right now; with the rising costs of wildfire and energy prices, I hope that the commission will support the opinions of the many people of San Diego in considering this option not only viable, but highly logical.

I also hope that California can continue to lead the world in plans to reduce the affects of global warming, particularly because of our proximity to rising seas and desert temperatures. Necessary adaptation forces us, above other states, to consider the best options to the degradating ways that have led us to this critical crossroads.

Thank you very much for your time,  
Sincerely,  
Mary Aldern  
San Diego Property Owner  
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