

DOCKETED

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Cheaper energy alternatives to requiring solar panels on every home

Additional submitted attachment is included below.

From: Richard Cox
To: [Energy - Docket Optical System](#)
Subject: Cheaper energy alternatives to requiring solar panels on every home
Date: Wednesday, May 09, 2018 8:12:39 AM

Greetings, my comments:

Renewables – wind, hydro, geothermal and solar – are not ready for prime time. While OK for meeting peak demands the power density of these processes is low making them inappropriate for industrial use. They are expensive and hard to scale up. Together they are responsible for just 13% of U.S. electricity generation. They are not dependable enough for base loading. The wind does not always blow nor the sun always shine, requiring sophisticated and expensive storage technology. Plus wind and solar farms consume much land area that likely could better be used for other purposes such as meeting increasing agriculture demands.

CA mandating solar panels on all houses is needlessly expensive. There is an alternative. Power plants utilizing the Allman thermodynamic cycle instead of steam generate no pollution and require no smoke stacks. It is very power dense, allowing 10,000 homes to be powered by a unit the size of a desk. The demo plant has been built and this solution will soon be in commercial production.

For more about the Allman cycle see www.netpower.com.

Richard Cox
<https://www.facebook.com/CHERPS/>