

 California ISO	Market and Infrastructure Policy	Template Version:	1
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Policy Initiatives Catalog Submission Form		Date Created:	6/1/2017

California ISO Policy Initiatives Catalog Submission Form

This purpose of this form is to propose potential policy initiatives that require a stakeholder process and typically require tariff changes. Do not use this form to request or propose process improvements or administrative changes. Such requests should be made through your Customer Service Representative or Account Manager

Date: 7/2/2019

Submitter Information

Organization	Contact Name	E-mail	Phone
First Solar	John Sterling	John.Sterling@firstsolar.com	602-414-9326


Please provide a title for the issue.

Energy-only, curtailment, congestion & markets

Please provide a summary description of the issue (i.e. 500 words)

CAISO has received requests from stakeholders in a number of contexts to examine the issue of energy-only resources, their role in CAISO markets and assumptions that drive transmission infrastructure planning and development. First Solar requests that the CAISO commence an initiative to evaluate how energy-only deliverability fits into the resource mix, how dispatchability occurs in different seasons, and whether resources that are being backed down to study energy-only projects are needed for resource adequacy purposes, leading to the need to adjust assumptions about the amount of energy-only projects that could be supported on the grid. This is important in part because of the interplay between the CAISO modeling and study efforts, the CPUC’s proceedings, and the market for renewable energy and capacity. The initiative should include an assessment of the effect of congestion and curtailment on LMP pricing as more energy-only projects are developed, and the relationship between projects with full capacity deliverability and energy-only status with respect to market operations that drive curtailment. Finally, the initiative should include an assessment of the congestion impacts associated with current assumptions of transmission infrastructure needed to accommodate energy-only projects.

Please provide any data/information available that would characterize the importance or magnitude of the issue.

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