

DOCKETED

Docket Number:	19-ERDD-01
Project Title:	Research Idea Exchange
TN #:	235437
Document Title:	Docket Number 19-ERDD-01 - Solar Thermal Workshop
Description:	N/A
Filer:	Cody Goldthrite
Organization:	Mark Miles
Submitter Role:	Public
Submission Date:	10/27/2020 11:06:34 AM
Docketed Date:	10/27/2020

From: [Mark Miles](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 19-ERDD-01 - Solar Thermal Workshop
Date: Tuesday, October 27, 2020 10:36:10 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To Whom It May Concern,

Here are a few thoughts and comments regarding the potential solicitation for Solar Water Heating Development. Some may not fall into the purview of the CEC and are longer term. My assumption is that this and any follow-on programs are targeting the development of a healthy Solar Thermal industry that can have real impact on reducing GHGs and the creation of a diverse and growing workforce.

Potential Areas of Interest

New thermal storage solutions with lower cost and/or higher performance

Low cost solutions for the localized distribution of heat

Solar Thermal systems, components or concepts with lower hardware or installation costs and/or higher performance.

Solar Thermal systems or components that generate added value (i.e. water heaters that can load shift or provide ancillary grid services)

Solar Thermal systems, components, or concepts that supplement, complement or enhance the performance of other systems like air and ground sourced heat pumps and HVAC.

Solar Thermal Microgrids or micro district heating demonstrations integrating Solar Thermal, storage, heat pumps, etc.

Scoring/Incentives

Additional points or other incentives for crossing certain projected cost thresholds or other metrics of significance.

Reduced or no matching funds especially for R&D or early stage demonstrations.

Marketplace Support

Support or assistance in reaching out to potential demonstration sites. Perhaps w support of IOUs?

General customer education.

Follow-on Funding Programs

Programs similar to BRIDGE and RAMP

Solar Thermal Workforce Development and Training

Solar Thermal market development tools (GIS natural gas consumption maps overlaid with nature of building stock and master vs. sub metering???)

Alternative business model development

I hope this is helpful.

Regards,
Mark

Mark Miles
CEO
MMCISolar
Oakland, CA
www.mmcisolar.com