

DOCKETED

Docket Number:	16-EPIC-01
Project Title:	EPIC Idea Exchange
TN #:	214695
Document Title:	Amended Workshop Agenda - Investor-Owned Utilities ET Programs and CEC R&D Programs
Description:	*** THIS DOCUMENT SUPERSEDES TN 214592 *** December 8, 2016, 9:00 a.m. in the Imbrecht Hearing Room
Filer:	Patty Paul
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	12/7/2016 3:43:11 PM
Docketed Date:	12/7/2016

**Amended
Workshop Agenda
Investor-Owned Utilities ET Programs and California Energy Commission
R&D Programs
December 8, 2016, starting at 9:00 am
Imbrecht Hearing Room**

Time	Discussion Area
9:00-9:10	Introductions <ul style="list-style-type: none"> ○ Purpose and goals of Workshop ○ Brief overview of the utility Emerging Technologies Program and the Energy Commission's R&D Program ○ Format for the workshop
Roundtable Discussions	
New Time: 9:15	Demand Response and Storage Demand Response and Storage: As the state moves toward more distributed generation and intermittent renewable energy generation, the need for smaller resources to play larger roles in distribution and transmission grid management will grow. This discussion will focus on a description of activities, the goals and objectives, what are the key barriers and how future work will address these barriers, and suggestions to increase synergies and path to market. Public Q&A
New Time: 10:30	Existing Buildings Approximately 70% of the buildings in California were built before the existence of the residential and nonresidential building efficiency standards. Increasing the efficiency of existing buildings has been the focus of state legislation including AB 758, AB 802 and SB 350. The latter requires the doubling of efficiency of existing buildings by 2030. This discussion will focus on what has been done, examples of successful engagement, future focus, and suggestions to increase synergies and smooth the path to market. Public Q&A
11:45	Lunch Break
1:00	Industrial, agriculture and water The industrial, agriculture and water sectors in California use approximately 25 percent of all the electricity and over 30 percent of all natural gas consumed annually in the state. These sectors are vital to California's economy and depend on affordable,

Time	Discussion Area
	<p>reliable and sustainable energy supplies. In addition, these industries are also emissions-intensive and will face challenges in reducing their carbon emissions. This discussion will focus on what has been done, examples of successful engagement, future target areas and work to address these barriers, and suggestions to increase synergies and path to market.</p> <p>Public Q&A</p>
2:15	<p>Market facilitation and outreach</p> <p>To achieve the 21st century electricity and natural gas systems, more than technological advancements are needed. Innovations are also needed to address the non-technical barriers and challenges limiting market adoption and expansion of ratepayer beneficial technologies and strategies. This includes new approaches, new ideas, and new thinking for business models to help nascent technologies find early market footholds. This discussion will focus on key work in these areas, the metrics that are specific to each program and suggestions for collaboration that will smooth the transition from R&D to Emerging Technology programs.</p> <p>Public Q&A</p>
3:15	Wrap Up