

DOCKETED

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Electric Program Investment Charge Workshop Schedule

Technology Advancements for Energy Storage

Electric Program Investment Charge 2021-2025 Investment Plan
(EPIC 4) Scoping

July 20, 2021, 9:30 am to 12:30 pm

Remote Access Only via Zoom™ (<https://join.zoom.us>) or telephone.
https://energy.zoom.us/webinar/register/WN_T1m9qF6BTI2LeBsMvThD0A

To participate by telephone, call 1-888-475-4499.

Webinar ID: **927 0621 5380**

Password: **EPIC2021**

(Listed times are general guidelines only.)

Objective: This workshop will explore technology advancements that can make energy storage more cost-competitive and market ready. This will include sessions on both short-duration (<4 hour) storage as well as long-duration and seasonal storage. The workshop will discuss the current state of lithium ion technology batteries and review several emerging energy storage technologies designed for short-duration and long-duration capabilities.

9:30 - 9:40 am	Introductions and Opening Remarks Mike Petouhoff, Manager, CEC Energy Systems Research Office
9:40 - 10:00 am	CEC EPIC History—Advancing the Commercialization of Emerging Energy Storage Technologies Mike Gravely, CEC Energy Systems Research Office
10:00 - 10:30 am	Panel 1: Global Industry View on the Opportunities and Challenges Facing Emerging Energy Storage Technologies Moderator: Mike Gravely, CEC Energy Systems Research Office Jason Burwen, CEO of the U.S. Energy Storage Association Alex Morris, Executive Director, California Energy Storage Alliance
10:30 - 11:00 am	Panel 2: Lithium Ion Technology Batteries—Current Status and Future Outlook to Support California’s Storage Needs Moderator: Haresh Kamath, Director of Distributed Energy Resources and Energy Storage, Electric Power Research Institute Paul Beach, President of Octillion Power Systems, representing lithium ion technology systems

	Jonathan Weisgall, Berkshire Hathaway Energy, representing the Lithium Valley Commission and the lithium extraction industry
11:00 -11:30 am	<p>Panel 3: Addressing the 4 Hour or Less Energy Storage Market—Opportunities and Gaps</p> <p>Moderator: Quenby Lum, CEC Energy Systems Research Office</p> <p>Andrew Hughes, Manager of Sales & Business Development, Eos Energy Ryan Brown, CEO and Co-Founder, Salient Energy Seth Sanders, Chief Technology Officer and Co-founder, Amber Kinetics</p>
11:30 am - 12:00 pm	<p>Panel 4: Addressing Long Duration Energy Storage Market—Opportunities and Gaps</p> <p>Moderator: Jeff Sunquist, CEC Energy Systems Research Office</p> <p>Matt Harper, Chief Commercial Officer, Invinity Energy Systems David Bierman, Co-Founder and Chief Technology Officer, Antora Energy Jason Houck, Manager, Policy and Regulatory Affairs, Form Energy, Inc.</p>
12:00 - 12:30 pm	<p>Public Comments</p> <ul style="list-style-type: none"> • 3 minutes per commenter, 1 commenter per organization • Please clearly state your name and affiliation • Use the raise hand function in Zoom and wait to be called upon to unmute. <p>Type questions/comments into the Q/A window.</p>
12:30 pm	<p>Closing Remarks</p> <p>Mike Gravely, CEC Energy Systems Research Office</p> <p>Workshop Comments are due July 30, 2021.</p>