

DOCKETED

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| Docket Number: | 20-EPIC-01 |
| Project Title: | Development of the California Energy Commission Electric Program Investment Charge Investment Plans 2021-2025 |
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Schedule for CEC Staff Workshop

Electric Program Investment Charge 2021-2025 (EPIC 4) Investment Plan Scoping: *The Role of Green Hydrogen in a Decarbonized California - A Roadmap and Strategic Plan*

Thursday, July 1, 2021

1:00 pm – 5:00 pm

https://energy.zoom.us/webinar/register/WN_T1m9qF6BTI2LeBsMvThDOA

Workshop ID: **927 0621 5380**

Password: **EPIC2021**

(888) 475-4499

(Listed times are general guidelines only)

Objectives: Provide input for the planning and development of the EPIC *Green Hydrogen Roadmap and Strategic Plan for a Decarbonized California*. Explore the opportunities, technical hurdles, technology advancements needed and the future research that should be performed to scale green hydrogen production and use for decarbonization of relevant energy sectors. Compare green hydrogen to other technical alternatives for each use case. Discuss technology research recommendations for the EPIC 4 Investment Plan.

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| 1:00 - 1:10 pm | Introductions and Opening Remarks Mike Petouhoff, Manager, Energy Systems Research Office |
| 1:10 - 1:40 pm | Overview of CEC EPIC Program and Plans for <i>The Role of Green Hydrogen in a Decarbonized California - A Roadmap and Strategic Plan</i> Mike Petouhoff, Manager, Energy Systems Research Office |
| 1:40 - 2:40 pm | Panel 1: Green Hydrogen for Grid Reliability- Firming and Shaping Intermittent Renewables in the Grid of the Future Mike Petouhoff, Manager, Energy Systems Research Office a. Janice Lin, Founder and President, Green Hydrogen Coalition b. Peter J. Sawicki, Regional Director of Sales & Marketing, Pacific West Mitsubishi Power Americas, Inc. c. Mårten Lunde, CEO, Hydrogen Pro d. Alex Morris, California Energy Storage Association e. Julia Levin, BioEnergy Association of CA |

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| 2:40-3:00 pm | <p>The Role of Green Hydrogen in the Decarbonization of the Transportation System as FCV and BEV's Evolve</p> <ul style="list-style-type: none"> a. Rey Gonzalez, CEC EPIC Transportation Green Hydrogen Activities b. Jane Berner, CEC Fuels and Transportation Division Green Hydrogen Activities |
| 3:00 - 3:30 pm | <p>Panel 2: California End Use Applications of Green Hydrogen</p> <p>Moderator: Kevin Uy, CEC Energy Efficiency Research Office</p> <ul style="list-style-type: none"> a. Bill Zobel, California Hydrogen Business Coalition b. Dr. Jack Brouwer, UC Irvine |
| 3:30- 3:55 pm | <p>DOD Activities in Green Hydrogen Research</p> <p>Introduction: Mike Gravely, Military Advisor to CEC Chair David Hochschild</p> <p>Ben Richardson, Portfolio Director, Advanced Energy & Materials, Defense Innovation Unit</p> |
| 3:55 - 4:30 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. • Type questions/comments into the Q/A window |
| 4:30 pm | <p>Closing Remarks</p> <p>Mike Petouhoff, Manager, Energy Systems Research Office</p> <p>Workshop Comments are due July 15, 2021.</p> |