

AGENDA
EPIC Policy+Innovation Coordination Group
Wildfire Mitigation Workstream Meeting #3
December 2, 2020, 2 pm – 3:30 pm

Public Webinar Registration

Participants should register to join the Workstream meeting prior to the event at the following link:
<https://theaccelerategroup.webex.com/theaccelerategroup/onstage/g.php?MTID=ea589c84deacfa9602f9726308e737676>

(Call-in Option: +1-415-655-0001; 146 338 6414 #)

- Participants that signed up for the wildfire mitigation workstream through www.epicpartnership.org will be automatically registered for workstream meetings, and receive a meeting link through e-mail.
 - For technical concerns in accessing the Webinar, contact Amanda Fornelli at amanda@the2rgroup.com.
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Background

The California Public Utilities Commission (CPUC) launched the Policy+Innovation Coordination Group for the Electric Program Investment Charge (EPIC) to gather insights and lessons learned from EPIC electricity research, development & deployment projects in the State, and to identify new opportunities for collaboration to accelerate innovation. The Policy+Innovation Coordination Group is facilitating four workstreams for 2020: equity, transportation electrification, wildfire mitigation, and public safety power shutoffs.

Wildfire Mitigation Workstream: The goal of the Wildfire Mitigation workstream is to gain insight for policy makers assessing investment decisions around wildfire mitigation. The workstream will conduct three meetings between September and December 2020. Wildfire Mitigation Workstream Meeting #3 will provide an opportunity for Workstream participants to present and discuss new technology concepts and innovative options for mitigating wildfire risk, and the comparative cost effectiveness of those solutions vs. existing options.

Presenters will be asked to share insights and lessons learned from their project and related work on some or all of the following core questions:

- What gap does this technology or solution fill with respect to utility wildfire mitigation strategies, or the EPIC RD&D portfolio?
- How can the costs and benefits of emerging wildfire mitigation technologies best be evaluated as compared to currently deployed electric utility technologies?
- From a location and cost perspective, what is a robust methodology for gauging the effectiveness of a technology or strategy for an electric utility?
- What specific technologies or asset management strategies can measurably predict risk, avoid faults, and/or reduce the risk of a fault becoming an ignition?
- What are important project considerations in the R&D stage to eventually allow for commercialization and incorporation into utility operations?

Agenda

I.	Introductions, meeting recap, what to expect	Andrew Barbeau, PICG Project Coordinator	2:00 PM – 2:07 PM
II.	Testing new applications and cost reductions associated with Unmanned Aircraft Systems "UAS" (SDG&E EPIC 3 – Project 5)	Christine Asaro, SDG&E	2:08 PM – 2:15 PM
III.	Research on wildfire simulation, prediction, response and recovery	Patrick Dempsey, A.J. Simon, Lawrence Livermore National Laboratory	2:16 PM – 2:22 PM
IV.	Advanced machine learning algorithms to detect partial discharge by using measurements from high frequency voltage sensors	Nanpeng Yu, UC Riverside	2:23 PM – 2:29 PM
V.	Panel discussion, Q&A with Presenters & Industry Panelists	Andrew Barbeau (Moderator)	2:30 PM – 3:15 PM
	Industry Panelist	Bill Collins, SmartKable Powerline Solutions	
	Industry Panelist	Will Chung, Sharper Shape	
	Industry Panelist	Tero Heinonen, Ai4 Technologies	
VI.	Closing, Workstream Wrap-Up	Andrew Barbeau, PICG Project Coordinator	3:16 PM – 3:30 PM

This notice was sent to service lists A.17-04-028, R.19-10-005, R.18-10-007, R.18-12-005, I.19-11-013, R.18-03-011, R.15-05-006, and R.19-09-009. If workshop participants discuss any open proceedings that were not noticed, then any such discussions become ex parte communications, and must be noticed to the open proceeding according to Rule 8.4. One or more CPUC or CEC Commissioners and Advisors, and Administrative Law Judges may attend, but no official Commission action will be taken at this event. This notice is issued pursuant to Rule 8.1 of the Commission’s Rules of Practice and Procedure which states that an ex parte communication means a written or oral communication that “does not occur in a public hearing, workshop, or other public forum, that has been noticed to the official service list or on the record of the proceeding.”

There will be a live transcription of the event in both English and Spanish.

This meeting will be recorded and made available on www.EPICpartnership.org.