

Electric Program Investment Charge (EPIC) FALL WORKSHOP

November 17, 2021

Safety Orientation



Earthquake

Know the safest places to duck, cover, and hold, such as under sturdy desks and tables.



Fire

Know your exits, escape routes, and evacuation plan. If safe to do so, use your compliant fire extinguisher. Exit the house and call 911.



Active Shooter

Get out, hide out, take out, and call 911.



Medical Emergency

Know who can perform first aid and CPR. Call 911 if you're alone or share your location with the call leader to send help. If you have an AED, ensure you and others in your household know where it's located and how to use it.



Psychological Safety

- ✓ We care for each other.
- ✓ Look out for one another.
- ✓ Create a safe space for all.
- ✓ Welcome new ideas from everyone.
- ✓ Practice self-care.



Ergonomics

- ✓ Practice **30/30** (every 30 minutes, move & stretch for 30 seconds).
- ✓ Ensure proper ergonomics.



Emergency Planning

- ✓ Create/update a personal emergency preparedness plan.



COVID-19

- ✓ Wash hands frequently
- ✓ Wear a mask when required
- ✓ Get vaccinated if you are able to
- ✓ Follow current CAL-OSHA regulations and local county health orders.

What is the EPIC?

The Electric Program Investment Charge (EPIC) is a California statewide program that enables Utilities and CEC to invest in & pursue new/novel emerging energy solutions to meet California's energy goals & drive innovation in the industry

EPIC promotes building the energy network of tomorrow through innovation focused on

Increased Safety • Improved Affordability • Greater Reliability

Pending CPUC Decision is also expected to include improve **environmental sustainability & equity.**



Renewables and Distributed
Energy Resources (DER)
Integration



Grid Modernization and
Optimization



Customer Focused Products
and Services Enablement



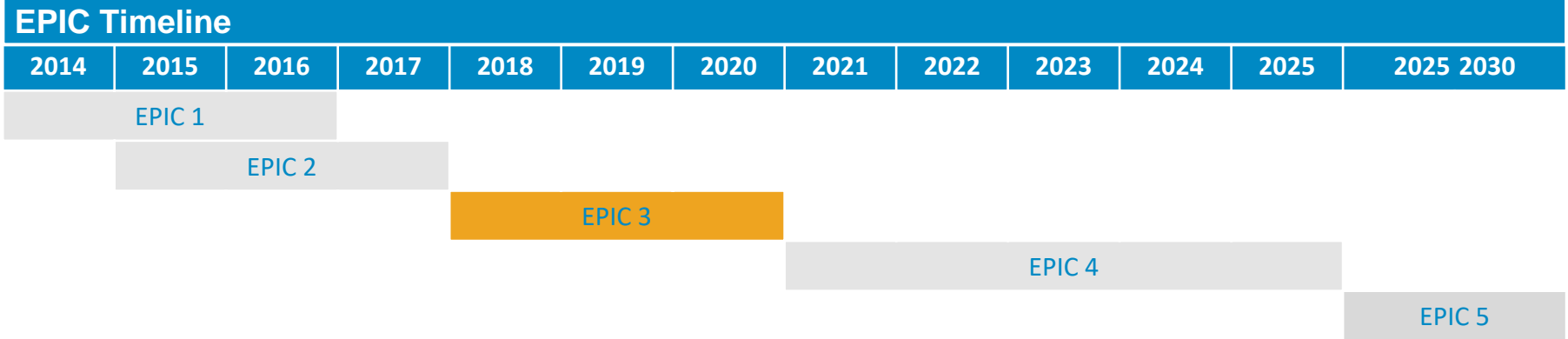
Cross-Cutting
Foundational Strategies &
Technologies

What is the EPIC?

Program Areas & Administrators in EPIC 3

Applied Research and Development	Technology Demonstration & Deployment	Market Facilitation
<p>Investment in applied energy science and technology that provides public benefit but for which there is no current deployment of private capital.</p>	<p>Investments in technology demonstrations at real-world scales and in real-world conditions to showcase emerging innovations and increase technology commercialization.</p>	<p>Investments in market research, regulatory permitting and streamlining, and workforce development activities to address non-price barriers to clean technology adoption.</p>
	PG&E SCE SDG&E	

Today's Context: EPIC 3 Portfolio



- Today's workshop is focused on the EPIC 3 portfolios
- R.19-10-005 is ongoing (EPIC 4 & EPIC 5)
 - Phase 2B Decision on future role of IOUs is expected soon.
- As decisions on the future of the program are clarified, there will be additional stakeholder workshops by Utilities to shape their portfolios.
- Today's goals are to inform on progress and results of EPIC 3, provide opportunity for feedback on operationalization and further address industry gaps & energy policy.

Opening Remarks

Ali Moazed

Director of Data Management and Analytics
PG&E

How to Get in Touch?

California Public Utilities Commission (CPUC)

The CPUC oversees large RD&D programs that drive investment in new and emerging energy technologies and solutions that provide benefits to Californians.

www.cpuc.ca.gov/energyrdd/

Policy + Innovation Coordination Group (PICG)

Comprised of a Project Coordinator, the four Administrators, and the CPUC - to increase the alignment and coordination of EPIC investments and program execution with CPUC and California energy policy needs.

www.epicpartnership.org/

Administrators:

California Energy Commission (CEC)

<https://www.energy.ca.gov/programs-and-topics/programs/electric-program-investment-charge-epic-program>

Pacific Gas & Electric (PG&E)

www.pge.com/epic

Southern California Edison (SCE)

<https://www.sce.com/regulatory/epic>

San Diego Gas & Electric (SDG&E)

<https://www.sdge.com/epic>

Agenda

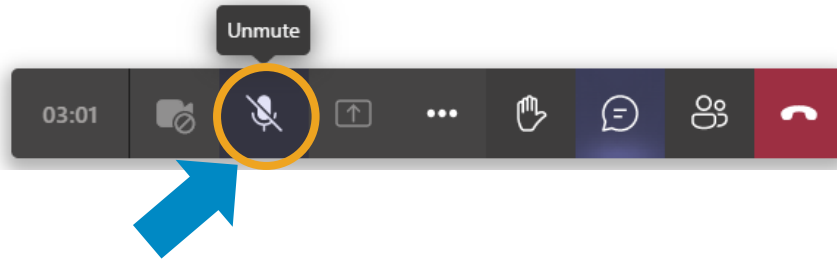
9:00 - 9:10	Opening Remarks / Safety
9:10 - 9:40	PG&E EPIC Portfolio Overview
9:40 - 9:50	PG&E Q&A
9:50 - 10:20	SDG&E EPIC 3 Portfolio Overview
10:20 - 10:30	SDG&E Q&A
10:30 - 10:35	5 Minute Break
10:35 - 11:05	SCE EPIC 3 Portfolio Overview
11:05 - 11:15	SCE Q&A
11:15 - 11:45	CEC EPIC 3 Portfolio Overview
11:45 - 11:55	CEC Q&A
11:55 - 12:25	Discussion
12:25 - 12:30	Closing

Q&A Logistics

- Each administrator has a 10-minute Q&A section following their presentation and additional 30-minute Discussion time in the end.
- To participate please “Raise hand” during Q&A or comment on chat during presentation



- Moderator will turn on the capability to unmute yourself for comments. When prompted please unmute and participate.



Thank You

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