

Thank you for joining. A few notes about logistics for today:

- All participants will be muted on entry.
- Official PICG members will be unmuted when the meeting begins.
- Due to bandwidth restraints, non-PICG members should turn off their video unless it is during the public comment section.
- You may ask clarifying questions at any time using the chat feature and we will try our best to answer them as we go.
- All other substantive public comments should wait for the public comment section of the agenda (2:30 pm).

EPIC PROGRAM

**POLICY + INNOVATION
COORDINATION GROUP**

— Agenda

- | | | |
|----|---|----------------|
| 01 | Welcome and Introductions | 1:00 – 1:05 PM |
| 02 | PICG Process to date | 1:05 – 1:10 PM |
| 03 | Partnership Area Identification | 1:10 – 1:15 PM |
| 04 | Review of Partnership Area Framework | 1:15 – 2:00 PM |
| 05 | Partnership Area Input | 2:00 – 2:30 PM |
| 06 | Opportunity for Public Comment | 2:30 – 2:45 PM |
| 07 | Next Steps (Comments/April 15 Workshop) | 2:45 – 3:00 PM |

What is the PICG?

- Response to Evergreen Evaluation of the EPIC Program (2017)
- Established via CPUC decisions D.18-01-008 and D.18-10-052
- High level goal of improving information sharing and coordination both between the EPIC administrators and between the EPIC administrators and CPUC

PICG MISSION

- To identify timely opportunities for substantive feedback and coordination among EPIC investments and California's energy innovation needs and goals
- To provide the support functions that will allow this feedback and coordination to occur effectively

(Note: The PICG is an advisory body and does not itself dictate policy for any of the EPIC administrators nor the CPUC)

Quick Review

1. Introductory Meeting January 9, 2020
2. Workplan Development January 24, 2020
3. Partnership Area Identification Process Review February 7, 2020
4. PICG Member Interviews and Background Research Feb. 12-(ongoing)
- 5. Partnership Area Identification Kick-Off March 23, 2020**
6. Preliminary Partnership Area Presentation April 15, 2020
7. CPUC narrows Partnership Areas to top 3-5 June 2020
8. Partnership Area workstreams and meetings Sept. 2020 – March 2021
9. 2020 PICG Forum November 2020

Partnership Area Identification

Policy + Innovation Partnership Areas are “issue areas of common interest and substantive opportunity, around which the PICG will engage in targeted coordination.”



WHERE ARE TIMELY OPPORTUNITIES TO CONNECTED RD&D TO POLICY?



WHERE CAN ENHANCED COORDINATION ACCELERATE OUTCOMES?



WHAT ARE THE MOST CRITICAL CHALLENGES?

What will the PICG do with Partnership Areas?

3-5

Finalize 3-5 Partnership Areas

JUNE 2020



Announce Partnership Areas and Recruit Participants

JUNE 2020



Outreach to Disadvantaged Communities

JUNE 2020



Conduct Partnership Area Stakeholder Meetings

SEPT. 2020 – MARCH 2021



Conduct an annual Policy + Innovation Forum

NOV. 2020 / OCT 2021



EPIC Project Transparency and Data

2020 – 2021 (& BEYOND)

How will the CPUC identify Partnership Areas?

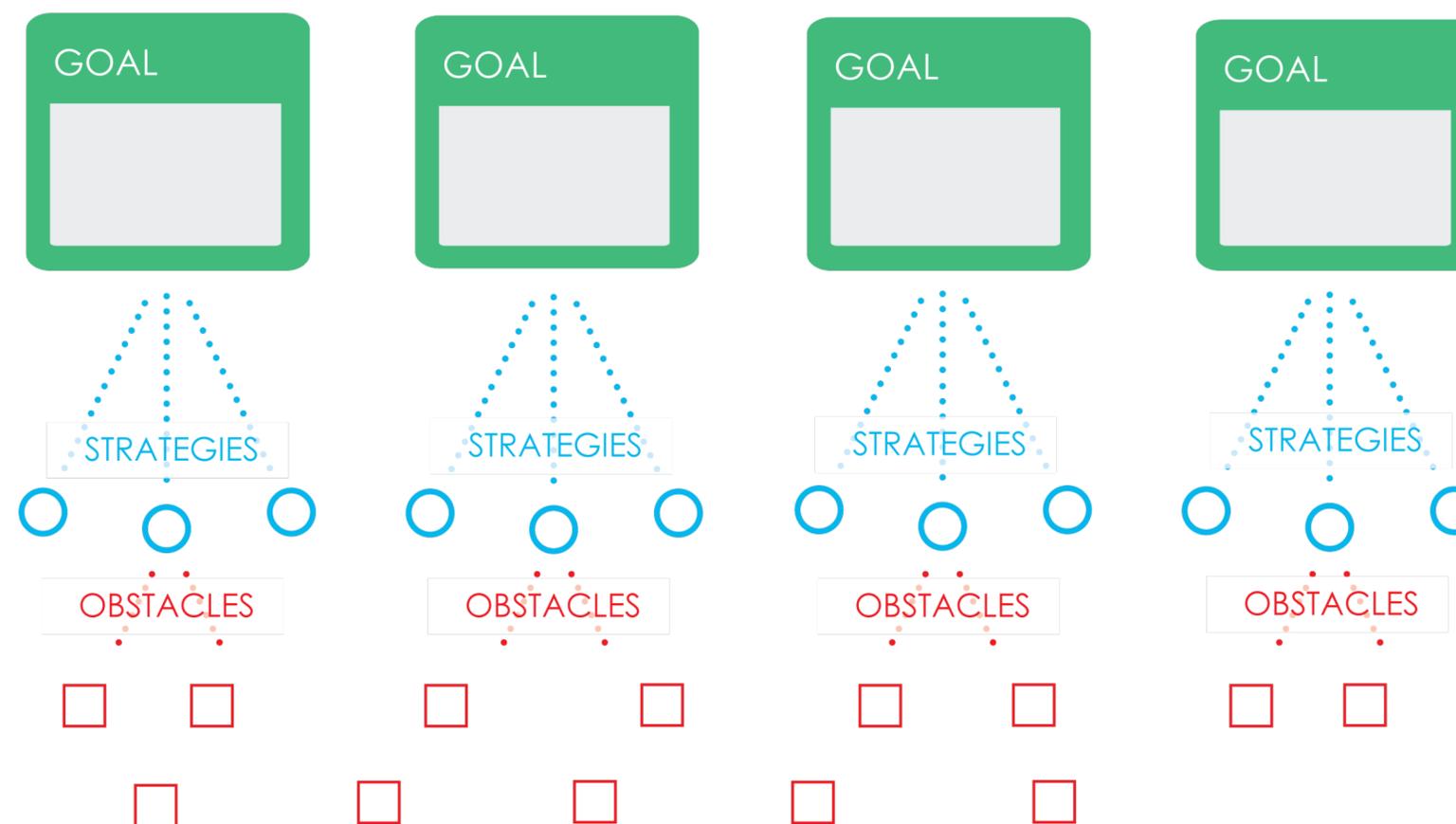
The Project Coordinator is presenting the process for identifying and narrowing PIPAs in the below Partnership Area Identification Process. The process will follow the following overall steps:

1. **Developing the Partnership Area Framework**
2. **Map EPIC Projects onto obstacles and challenges in Partnership Area Framework**
3. **Identify Possible Partnership Areas**
4. **Narrow Partnership Areas into top 3-5 for 2020**

The CPUC will have a chance to consider alternative Partnership Areas for 2021 at an end-of-year forum to be held in late Fall 2020.

The Partnership Area Framework

The Partnership Area Framework will be a tool to help the PICG Project Coordinator outline and identify key policy goals, strategies, and obstacles, or combinations thereof, that would be ripe for identification of Partnership Areas.



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GOALS

EMISSIONS REDUCTION

AFFORDABILITY

SAFETY

RELIABILITY/RESILIENCY

EQUITY

EMISSIONS REDUCTION

RENEWABLE ENERGY DEVELOPMENT

TRANSPORTATION ELECTRIFICATION

HYDROGEN

BUILDING ELECTRIFICATION

ENERGY EFFICIENCY

LOW-CARBON FUELS

OTHER ZERO-EMISSION GENERATION

AFFORDABILITY

INTEGRATED RESOURCE PLANNING

DEMAND-SIDE MANAGEMENT

SYSTEM COST REDUCTION

RATES AND RATE DESIGN

METRICS

UTILITY BUSINESS MODEL / INCENTIVES

SAFETY

WILDFIRE MITIGATION

WORKER TRAINING

PUBLIC SAFETY POWER SHUTOFFS

CYBERSECURITY

VEGETATION MANAGEMENT

LIFECYCLE IMPACTS OF ELECTRICITY PROGRAMS

RELIABILITY / RESILIENCY

MICROGRID DEVELOPMENT

ENERGY STORAGE

FAULT DETECTION AND RESTORATION

RESOURCE ADEQUACY

DAILY BALANCING

GRID MODERNIZATION

DISTRIBUTION RESOURCE PLANNING

FOREST BIOMASS

CLIMATE ADAPTATION

EQUITY

INCLUSIVE ENERGY PROGRAM DESIGN

WEALTH-BUILDING AND OWNERSHIP

WORKFORCE DEVELOPMENT

PUBLIC OUTREACH AND EDUCATION

ENERGY BILL ASSISTANCE

CLIMATE IMPACTS MITIGATION

UTILITY CUSTOMER COMMUNICATION

DRAFT Prioritization Rubric



WHERE ARE TIMELY OPPORTUNITIES TO CONNECTED RD&D TO POLICY?

- ★★★ There are open proceedings or near-term policy decisions which need to be made.
- ★★★ There are challenges or obstacles which prohibit or drive future planning.
- ★★★ Prioritization on current EPIC projects.



WHERE CAN ENHANCED COORDINATION ACCELERATE OUTCOMES?

- ★★★ There are current ongoing efforts from at least one administrator (and possibly other stakeholders/researchers outside of EPIC)
- ★★★ The coordination brings together stakeholders with different areas of focus and expertise.
- ★★★ Combined efforts create greater transparency.

DRAFT Prioritization Rubric



WHAT ARE THE MOST CRITICAL CHALLENGES?

- ★★★ California has identified an energy policy goal and associated strategies.
- ★★★ California and CPUC do not currently have complete answers to ongoing policy questions.
- ★★★ The magnitude of impact of overcoming the challenge is significant.
- ★★★ Solutions to challenges are equitable with a focus on DACs and low-income residents.

Partnership Area Input

- A. What obstacles and challenges are missing?
- B. What are issues you feel are most **critical** for 2020?
- C. What are issues where there are upcoming policy decisions, where learnings from RD&D would be **timely**?
- D. What are other factors that should influence **prioritization**?

Partnership Area Input

Specific areas where insufficient obstacles and challenges were identified:

OTHER ZERO-EMISSION GENERATION

METRICS

UTILITY BUSINESS MODEL / INCENTIVES

LIFECYCLE IMPACTS OF ELECTRICITY PROGRAMS

WORKFORCE DEVELOPMENT

ENERGY BILL ASSISTANCE

CLIMATE IMPACTS MITIGATION

UTILITY CUSTOMER COMMUNICATION

Public Comment

1. To make a comment, click on the “Raise Hand” button on the side.
2. If joining by phone, press “*4” to unmute yourself and request to be added to the queue.
3. Please identify your name and organization.
4. We will take public comment as input in the order we can.

Next Steps

- 1. APRIL 15 Workshop:** Will shift to virtual
- 2. EPIC project matching:** Project Coordinator will do initial matching. Input is welcome.
- 3. Follow-up e-mail**