



EPIC STRATEGIC GOALS WORKSHOP PROCESS

Kick-Off Workshop: August 16, 2023



This program is funded by California utility customers under the auspices of the California Public Utilities Commission



CALIFORNIA PUBLIC UTILITIES COMMISSION

EPIC Strategic Goals Kickoff Workshop

August 16, 2023

- I. Welcome and Introductory Remarks
- II. Building Off the PICG Foundation
- III. Defining EPIC Strategic Goals
- IV. Panel 1: Perspectives on Innovation Needs
- V. Panel 2: Perspectives from other RD&D Efforts
- VI. Panel 3: Perspectives from EPIC Program Administrators



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In its most recent EPIC decision, the CPUC directed that program-wide goals are needed to evaluate the progress of innovation investments and the extent to which investment plan portfolios maximize ratepayer benefits and impacts in achieving California's clean energy and climate goals.

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“The PICG Coordinator, under the direction of [CPUC] Staff, will facilitate the stakeholder process through a series of workshops and prepare a report that summarizes stakeholder input to inform the Commission’s future guidance for measurable program level strategic goals and Administrator level strategic objectives that align with achieving the State’s climate goals.”

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EPIC STRATEGIC GOALS WORKSHOP PROCESS

Planning for EPIC 5 (2026 – 2030) investments

STRATEGIC GOALS AND OBJECTIVES GUIDE EPIC ADMINISTRATOR INVESTMENT PLANS

POSSIBLE STRATEGIC GOALS

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AUGUST – SEPTEMBER, 2023

CPUC EPIC Guidance Decision to Approve Strategic Goals

STRATEGIC GOAL

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POSSIBLE STRATEGIC OBJECTIVE

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JANUARY – JUNE, 2024

CPUC EPIC 5 Guidance Decision that includes Strategic Objectives



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BUILDING OFF EPIC POLICY + INNOVATION COORDINATION GROUP (PICG) FOUNDATION (2020-2021)

GOALS AND STRATEGIES IDENTIFIED THEN:

GOALS

STRATEGIES

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 PRGS

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

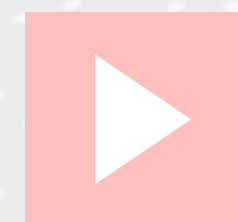


BUILDING OFF PICG FOUNDATION (2020-2021)

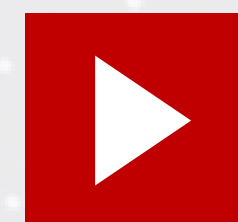
WHAT WE FOCUSED ON THEN:



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



WHERE CAN ENHANCED COORDINATION ACCELERATE OUTCOMES?



WHAT ARE THE MOST CRITICAL CHALLENGES?



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BUILDING OFF PICG FOUNDATION (2020-2021)

WHAT WE FOCUSED ON THEN:



OTHER CRITICAL AND TIMELY SUBJECTS CONSIDERED:

- Price Signals for Grid Services
- Building Decarbonization
- Distributed Energy Resources
- Microgrids
- Long-Duration Energy Storage
- Low-Income Multi-Family Retrofits
- Green Electrolytic Hydrogen
- Climate Reality of Tomorrow

