



Monthly Member Readout

January 5, 2024



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Today's Agenda

Council News

- EM&V Forum
- 2025 Energy Code Update: Draft Regulations
- Solicitations

Issues/Topics

- IOUs Demand Response Programs, Pilots, and Budgets for the Years 2024-2027 (A.22-05-002) - Final Decision
- Proposed Decision on Expanded Dynamic Rate Pilots (R.22-07-005)
- New Transportation Electrification & Infrastructure OIR
- Quick Hits



Evaluation, Measurement & Verification (EM&V) Forum

Registration Opens Next Week!

- February 15, 2024
- David Brower Center, Berkeley, CA
- In-Person
- [Sponsorships](#) now available

The EM&V Forum, brings together EM&V, data science, and implementation professionals from across the energy efficiency, demand response, and DER communities to explore critical technical topics that are essential for addressing California's clean energy policies.

We will email you and post the registration links in the next newsletter!



What's Coming Up:

2025 Energy Code Update: Draft Regulations

- The 2025 Energy Code will improve upon the 2022 Energy Code by updating energy efficiency standards for newly constructed buildings, additions, and alterations to existing buildings, consistent with state and federal law.
- CEC staff evaluated proposed revisions to the 2025 Energy Code and prepared draft regulations (known as Express Terms)
- During the rulemaking in 2024, the CEC will have 45-day and 15-day public comments periods.
- The final 2025 Energy Code language will be proposed for adoption after the public comment periods in 2024 for an anticipated publication in 2025, with an effective date of January 1, 2026.
- [Summary of Staff Proposed Changes](#)



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BLUEPRINT

CALIFORNIA ENERGY COMMISSION
EFFICIENCY DIVISION

In This Issue

- 2025 Energy Code Update: Draft Regulations
- 2022 Energy Code: Daylighting with Linear Fixtures
- 2022 Compliance Software
- New Resources on the ORC
- Q&A
 - Single-Family Energy Storage System (ESS) Ready
 - Instantaneous Electric Point-of-Use Water Heaters
 - Multifamily Fenestration NA6 Calculations

2025 Energy Code Update: Draft Regulations

The **2025 Energy Code** will improve upon the 2022 Energy Code by updating energy efficiency standards for newly constructed buildings, additions, and alterations to existing buildings, consistent with state and federal law. During pre-rulemaking California Energy Commission (CEC) staff evaluated proposed revisions to the 2025 Energy Code and prepared draft regulations (known as **Express Terms**). During the rulemaking in 2024, the CEC will have 45-day and 15-day public comments periods. The final 2025 Energy Code language will be proposed for adoption after the public comment periods in 2024 for an anticipated publication in 2025, with an effective date of January 1, 2026.

Summary of Staff Proposed Changes

- Introduces heat pump standards for existing single-family homes and for designated types of existing nonresidential buildings
- Updates heat pump standards for newly constructed single-family, multifamily, and designated types of nonresidential building
- Updates photovoltaic system standards for newly constructed buildings
- Updates energy storage standards for high-rise multifamily, nonresidential, and hotel and motel buildings
- Increases envelope efficiency standards
- Increases space conditioning system efficiency and control standards
- Improves indoor air quality requirements for multifamily buildings
- Improves efficiency standards for multifamily domestic water heating systems
- Establishes electric-ready requirements for multifamily domestic water heating systems
- Simplifies standards for multifamily buildings
- Increases efficiency requirements for pool and spa water heating systems

For additional help with the Energy Code, see Energy Code Ace's [online offerings](#) of trainings, tools, and resources.



Open Solicitations

IOU UPDATED SOLICITATIONS SCHEDULE [EXCEL DOWNLOAD](#) (current as of Jan. 1 2024)

1/04/23: CEC [GFO-23-605](#) - Zero-Emission School Bus Charging and Fueling

1/12/24: SDGE [RFA](#) 204837 - Private Institutions and Healthcare

1/15/24: SDGE [RFA](#) 202497 - Lodging Hotels/Motels Program

1/19/24: CEC [GFO-23-604](#) - Improvements in Maintenance Processes for Reliable Operations that are Verifiable and Effective for Hydrogen Refueling Stations (IMPROVE for H2)

1/19/23: CEC [GFO-23-302](#) - Power Electronics for Zero-Emission Residential Resilience (PEZERR)

1/26/24: CEC [GFO-23-601](#) - California's National Electric Vehicle Infrastructure Formula Program

1/31/24: CEC [GFO-23-501](#) - Quantifying Exposures to Indoor Air Pollutants in Multifamily Homes that Cook with Gas or Alternatives

2/02/24: CEC [GFO-23-301](#) - Energy Efficiency and Load Flexibility in Industrial and Commercial Cold Storage Facilities

2/13/24 CEC [RFI](#) - Commercial Food Service Equipment (i.e. Commercial Steam Cookers, Commercial Convection Ovens, Commercial Dishwashers, and Commercial Fryer)

2/24/24: SDCP [RFO](#) - Disadvantaged Communities Green Tariff (DAC-GT) and Community Solar Green Tariff

New

SCE - NEW: ESA Single Family Core Program - Outreach and Marketing RFP Release; Bidders Conference; Proposals (TBD) Jan - Feb

Open Solicitations (cont.)

Ongoing:

- EE program 3P solicitation information and links found on the CAEECC [Website](#)
- CEC: [GFO-21-901](#) - Cost Share for Federal Clean Energy Funding Opportunities
- CEC: [GFO-22-902](#) - Cost Share for Federal Funding Opportunities Industrial Decarbonization and Improvement of Grid Operations Program, Food Production Investment Program (released March 24)
- CEC: [GFO-22-301](#) - Commercialization Industrial Decarbonization (2022 CID Program
- CARB: [GFO](#) - Clean Off-Road Equipment Voucher
- CARB: [GFO](#) - Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program

DOE: [Funding Opportunity Exchange](#)



Issues/Topics



2024-2027 IOU DR final decision

- On 12/14, the CPUC [approved](#) the IOUs' 2024-2027 DR programs
- Approved the following IOU DR program budgets
 - PG&E: \$632.9 million (incl. \$391 million for Emergency Load Reduction Program (ELRP) and Base Interruptible Program (BIP) incentives)
 - SCE: \$836.6 million (incl. \$410 million for ELRP & BIP incentives)
 - SDG&E: \$121.4 million (incl. \$71.8 million in ELRP incentives)
- Highlights include:
 - Reversed original PD to now enforce program-specific cost-effectiveness
 - Directs IOUs to submit Mid-Cycle Review ALs by Nov. 1, 2025 and specifies scope of changes
 - Rejects PG&E proposal to require customers receiving technology incentives to enroll in a DR program

2024-2027 IOU DR final decision (cont.)

- Highlights include: (cont.)
 - Eliminates annual IOU status report on meeting 5% economic DR goal
 - Increases incentive payments for the BIP and Capacity Bidding Program (CBP); streamlines the CBP by eliminating some program options
 - Approves new PG&E Automated Response Technology (ART) program w/ \$44 million budget; will allow customers w/ smart home technologies to participate in DR and load shifting; PG&E directed to submit an advice letter by Feb. 28 w/ program details
 - Directs SDG&E to terminate its AC Saver/Smart Energy Program and approves closure of its BIP and Technology Deployment/Technology Incentive programs
 - Eliminates automatic enrollment for Power Saver Rewards (ELRP), reduces payment from \$2/kWh to \$1/kWh and sunsets it after 2025
 - Rejects all IOU pilot proposals other than the SCE Flexible DR Pilot

Proposed decision on expanded dynamic rate pilots

- On 12/15, the CPUC issued a [proposed decision](#) (PD) on the Energy Division (ED) proposals for expanding existing dynamic rate pilots
- Approved extension & expansion of all 3 pilots from June 1, 2024 through 2027
- PG&E Expanded Pilots
 - PG&E Expanded Pilot #1 (VCE/PG&E Ag. Pilot)
 - Eliminates enrollment cap from 5 MW
 - Expands to PG&E service area for AG-1A, AG-1B, AG-B, and AG-C customers
 - \$21.5 million budget (based on 50 MW enrollment)
 - PG&E Expanded Pilot 2
 - Open to B-6, B-10, B-19, B-20, E-ELEC, and EV2-A
 - \$15.2 million budget (based on 50 MW enrollment)
 - PG&E to administer pilots except Expanded Pilot 1 in VCE area, pay CCAs \$20/kW-yr to participate (capped at \$1.8 million each pilot)
 - Admin. budget is authorized in steps at 25%, 50%, and 75% of enrollment target

Proposed decision on expanded dynamic rate pilots (cont.)

- SCE Expanded Pilot
 - SCE directed to work with a single CCA for first year, then open to all CCAs
 - Open to SCE Charge Ready participants
 - \$17.25 million budget (based on 50 MW enrollment)
 - Admin. budget is authorized in steps at 25%, 50%, and 75% of enrollment target
- Customer eligibility
 - Allows customers w/ BTM storage and EVSE to participate
 - Prohibits dual participation w/ DR programs and Flex Market Pilot for year 1 but directs PG&E and SCE to host a workshop to discuss how dual participation can work
- PG&E and SCE directed to submit Tier 2 advice letters 60 days after decision issuance with more details

New Transportation Electrification & Infrastructure OIR

- On 12/20, the CPUC issued the [OIR Regarding Transportation Electrification Policy and Infrastructure and Closing Rulemaking 18-12-006](#)
- Overview: Addresses oversight of infrastructure development to support transportation electrification, related policy matters, may consider rate development if necessary
- Highlights 3 issues addressed in R.18-12-006:
 - Funding for BTM charging infrastructure starting in 2025
 - Established funding cycle for IOU spending on BTM transportation electrification programs and associated admin. expenses
 - Clarified IOU role in transportation electrification

New Transportation Electrification & Infrastructure OIR (cont.)

- Preliminary scoping issues
 - Timely energization of EV charging in light of growing customer energization requests
 - Reforms to grid planning to support the increased pace and scale of T&D needs to support charging infrastructure deployment
 - Targeted deployment of BTM charging infrastructure to support state goals
 - Vehicle-grid integration incl. potential goals and targets
 - Ongoing transportation electrification policy development and/or implementation of new transportation electrification laws



Quick hits

- On 12/18, the CPUC issued [D.23-12-038](#) denying the joint Application for Rehearing (AfR) of D.23-06-029 filed by the Council, Leap, OhmConnect, CPower, Enel X, and CEERT, and separate AfRs filed by Shell Energy/AReM and CalCCA; joint parties are meeting today to discuss potential next steps; an appeal would be due on January 19
- On 12/18, the CPUC issued the [scoping ruling](#) in new Resource Adequacy rulemaking
- On 12/21, the CPUC issued a [proposed decision](#) rejecting SoCalGas DR pilots
- Pursuant to [D.23-09-006](#) (p.41), the Energy Division will convene the Customer Data Access Committee (CDAC) on 1/29 to consider how to address DR enrollment conflicts and the disenrollment process

Quick Updates

- The Council submitted the following [testimony](#) since our last Readout:
 - December 18 – CEDMC Comments on RDRR Min On Time
 - December 5 – A.22-05-002, et al (DR Programs) Council and Leap Reply Comments on Phase II PD



Discussion & Q&A

Thank You!

Please contact us if you have any questions.

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