

**DOCKETED**

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<b>Project Title:</b>	Building Decarbonization and Energy Efficiency
<b>TN #:</b>	237961
<b>Document Title:</b>	Presentation - Building Initiative for Low-Emission Development
<b>Description:</b>	S2.1D Natalie Lee, Renewable Division, CEC
<b>Filer:</b>	Raquel Kravitz
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<b>Docketed Date:</b>	5/24/2021



# **BUILD**

## **Building Initiative for Low-Emission Development**





# BUILD Program: “At A Glance”

<b>Goal</b>	Deploy near-zero emission building technologies to reduce GHG emission (while ensuring no negative bill impact for low-income occupants)
<b>Project Eligibility</b>	<ul style="list-style-type: none"><li>• All-electric new low-income residential buildings</li><li>• Located in gas IOU territory (funding source)</li></ul>
<b>Budget</b>	\$80 million
<b>LI/DAC Component</b>	<ul style="list-style-type: none"><li>• ≥ \$60 million for new low-income residential housing incentives</li><li>• Technical Assistance</li><li>• Outreach and Education</li></ul>
<b>Income Eligibility</b>	<ul style="list-style-type: none"><li>• Multifamily:<ul style="list-style-type: none"><li>• At least 2 deed-restricted units AND</li><li>• In DAC/LI community OR 80% of units are 60% or less AMI</li></ul></li><li>• Individual low-income residence §2852(a)(3)(C) <i>Public Utility Code</i></li></ul>



# Scope of Technical Assistance



Technical Assistance made available for new low-income residential building projects and to all prospective applicants



## **Services of the Technical Assistance Contractor include:**

- 1) Project design: help overcoming any technical challenges
- 2) Permitting assistance
- 3) Supporting the Developer/ Energy Consultants in demonstrating code compliance
- 4) Incentive application completion



# Incentives Tied to Whole Building GHG Performance



## **GHG Emissions Baseline:**

2019 Title 24 Prescriptive Mixed-Fuel Building



## **Low-Emission Building Technologies and Design:**

- 1) Heat Pump Water Heater
- 2) Heat Pump Space Conditioning
- 3) Advanced Building Envelope
- 4) Solar PV and Storage



## **Base Incentives:**

\$ per ton of avoided GHG emissions



# Potential Kicker Incentives



**Grid  
Flexibility**



**Lower-GWP  
Refrigerants  
(GWP < 750)**



**Low-GWP  
Refrigerants  
(GWP < 150)**



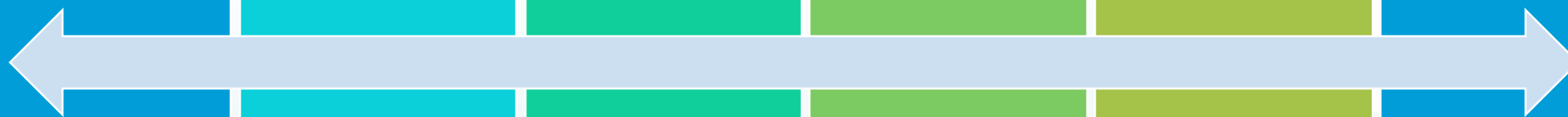
**Induction  
Cooktop**



**Heat Pump  
Clothes  
Dryer**

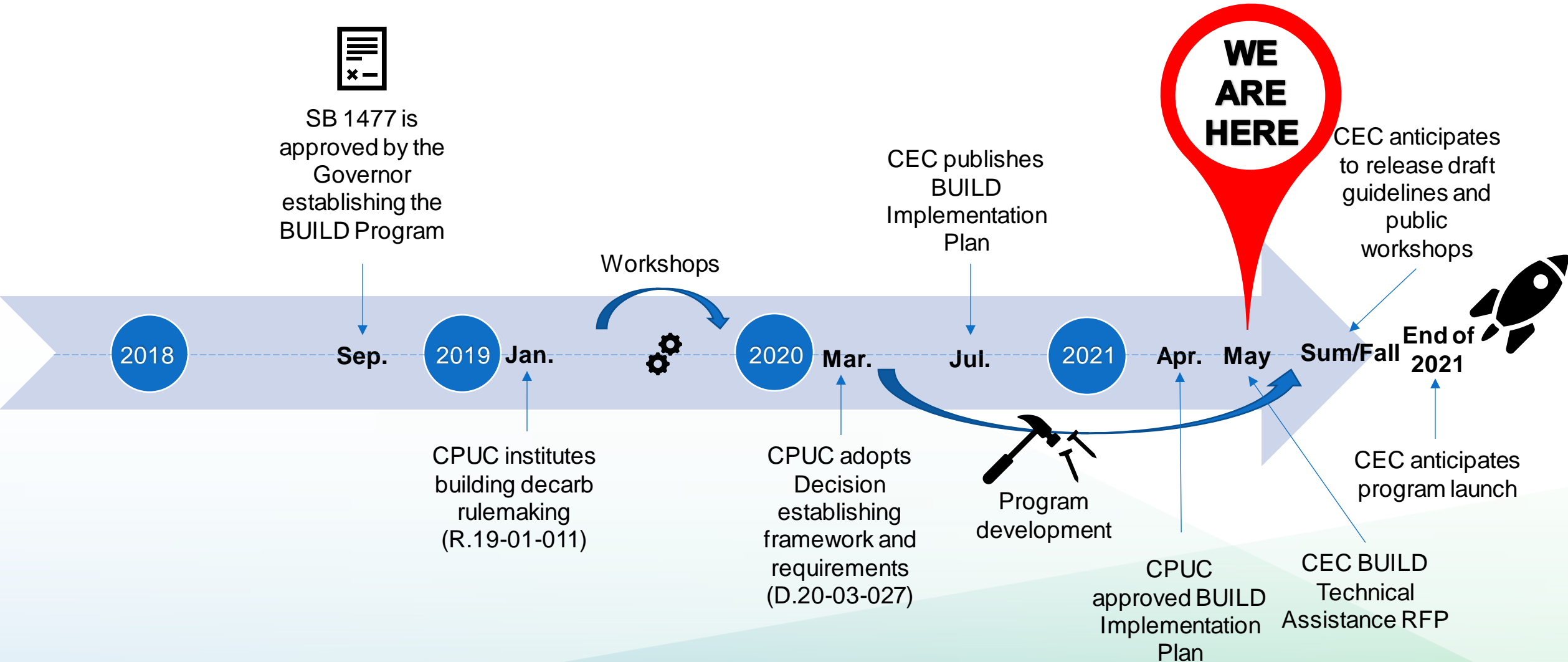


**On-Site  
Energy  
Storage**





# BUILD Development Timeline





# How to stay engaged / contact us

**Building Initiative for Low-Emissions Development Program**

The Building Initiative for Low-Emissions Development (BUILD) Program will provide incentives for the deployment of near-zero emissions building technologies in low-income residential buildings.

**CONTACT**  
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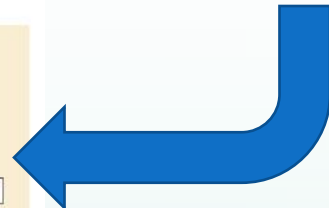
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Please visit the [BUILD webpage](https://www.energy.ca.gov/programs-and-topics/programs/building-initiative-low-emissions-development-program):

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