

Introduction to the Technology and Equipment for Clean Heating (TECH) program



May 6, 2021

About Energy Solutions



Energy
Efficiency

Mission-driven, employee-owned clean energy implementation firm specializing in **market-driven programs** to deliver large-scale energy, carbon, and water savings



Distributed Energy
Resources

25-year track record pioneering award-winning, end-to-end solutions for utility, government, and institutional clients across North America

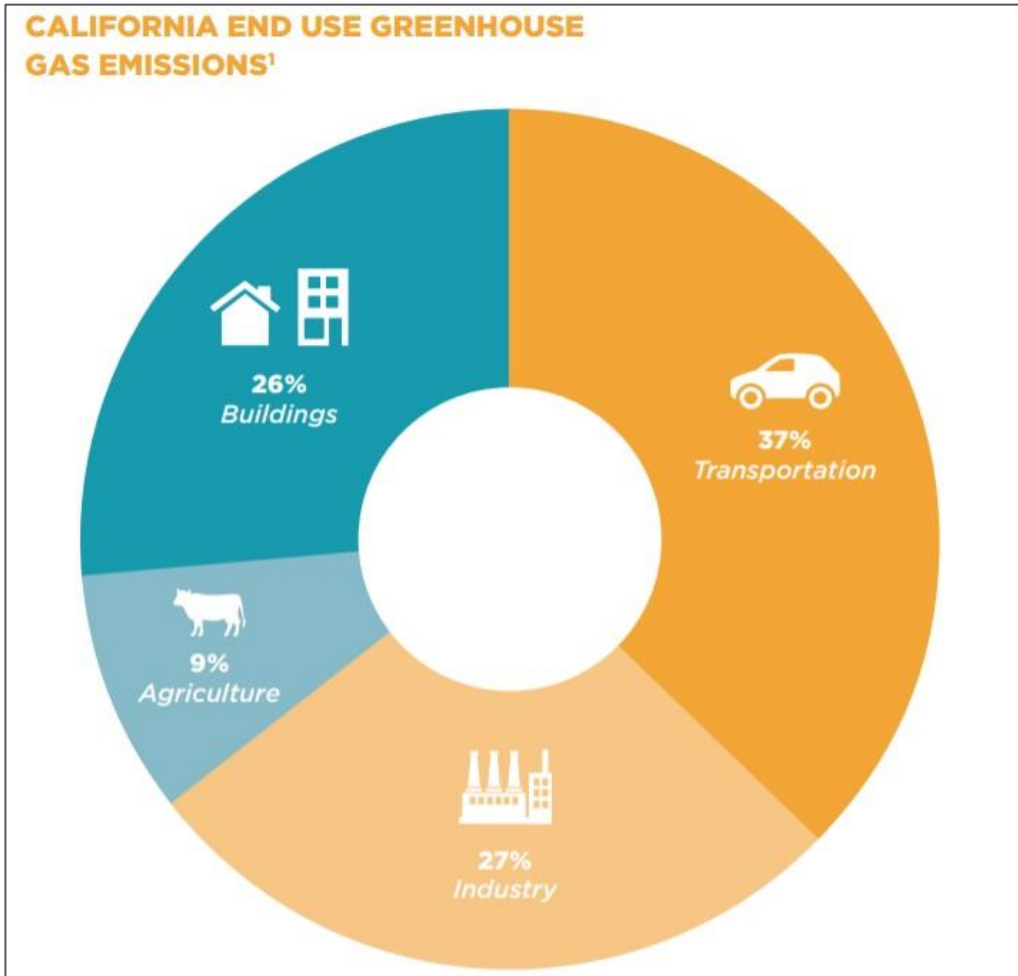


Policy & Ratings

Incentive programs in 20+ states have represented 200+ manufacturers, paid \$1 billion+ in incentives, and approved 1 million+ applications



Space and water heating as part of California's decarbonization strategy

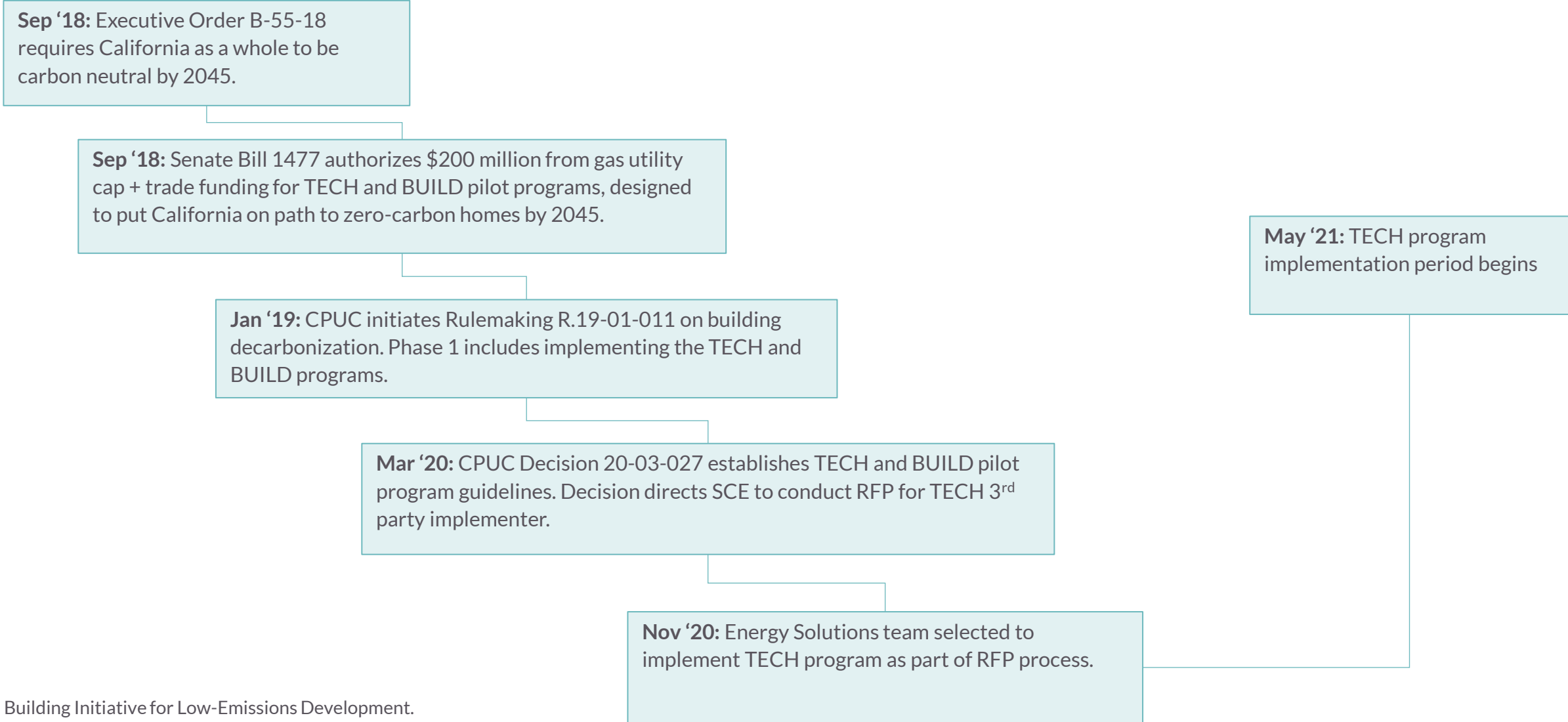


Buildings account for ~25% of California's greenhouse gas (GHG) emissions

In the residential sector, space and water heating represent a large fraction of GHG emissions.

¹ [A Roadmap to Decarbonize California Buildings](#), Building Decarbonization Coalition, Feb 2019

TECH Policy Timeline



¹ BUILD = Building Initiative for Low-Emissions Development. TECH is focused on retrofit market, BUILD on new construction.



TECH Program Overview

Program Details

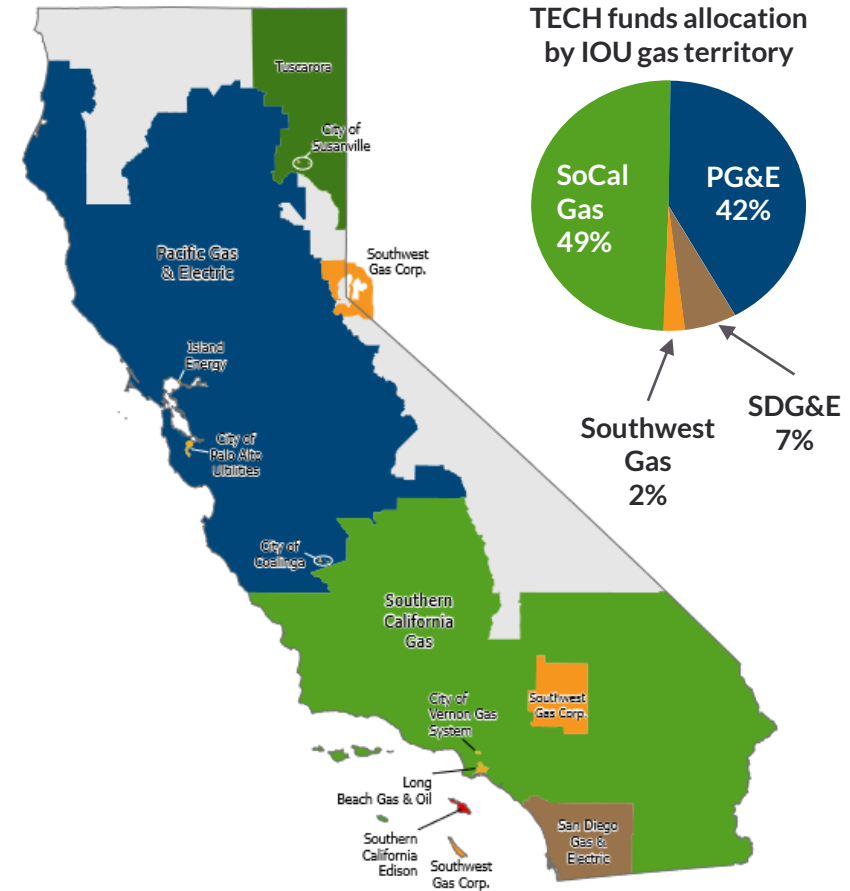
- Goal: Accelerate adoption of commercially available, low-emission space and water heating equipment technologies (primarily air source heat pumps and heat pump water heaters).
- Market Transformation program, designed to build capacity and inform California's long-term residential decarbonization approach.
- Timeline: 2021-25 (4 years)
- ~\$116M budget for incentives and market transformation activities

Activity Highlights

- Upstream and midstream incentives (*i.e.*, incentives paid to contractors, manufacturers, distributors and/or retailers, not paid to consumers)
- Consumer education and outreach
- Workforce education and training

Participation Eligibility

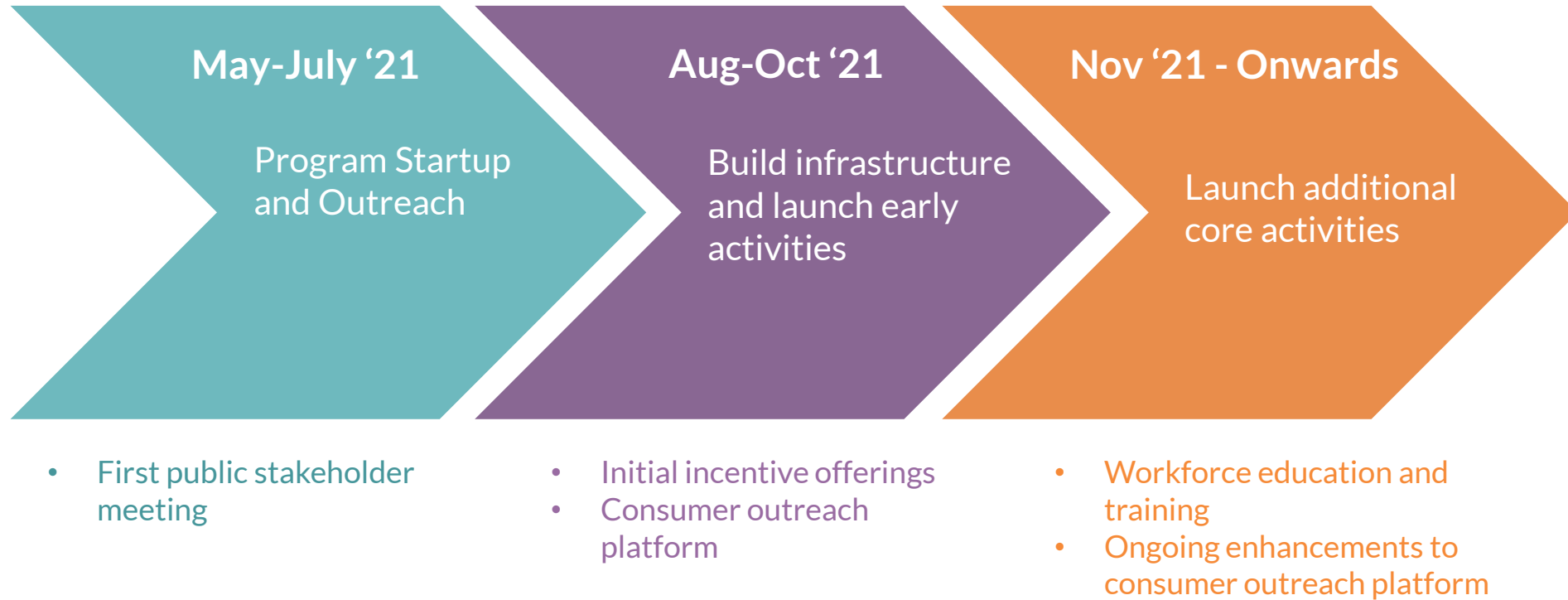
- Eligible installations: single family and multifamily residences in gas IOU territories
- Funding / activities allocated proportional to gas IOUs' share of Cap-and-Trade allowances



Map source: <https://cecgis-caenergy.opendata.arcgis.com/pages/pdf-maps>



Tentative Program Startup Timeline



For More Information on TECH

To be added to the TECH mailing list and receive key updates, including the timing of the first stakeholder meeting, please complete this web form: <https://forms.office.com/r/janRnjh9pV>.

For questions about TECH, please email TECH.info@energy-solution.com





Thank You!

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