



# ADVANCING CALIFORNIA'S **CLEAN ENERGY TRANSITION**





## Proud History of Delivering Energy to Southern California

OVER 150 YEARS

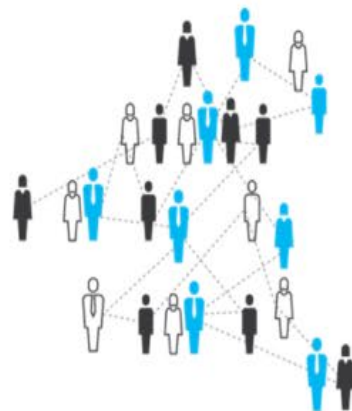
of institutional knowledge and expertise



Service territory covers about

**24,000**  
SQUARE MILES

of diverse terrain throughout Central and Southern California, from Visalia to the Mexican border



Largest natural gas distribution utility in country<sup>1</sup>, powering Southern California with increasingly clean, safe and reliable energy delivered to more than

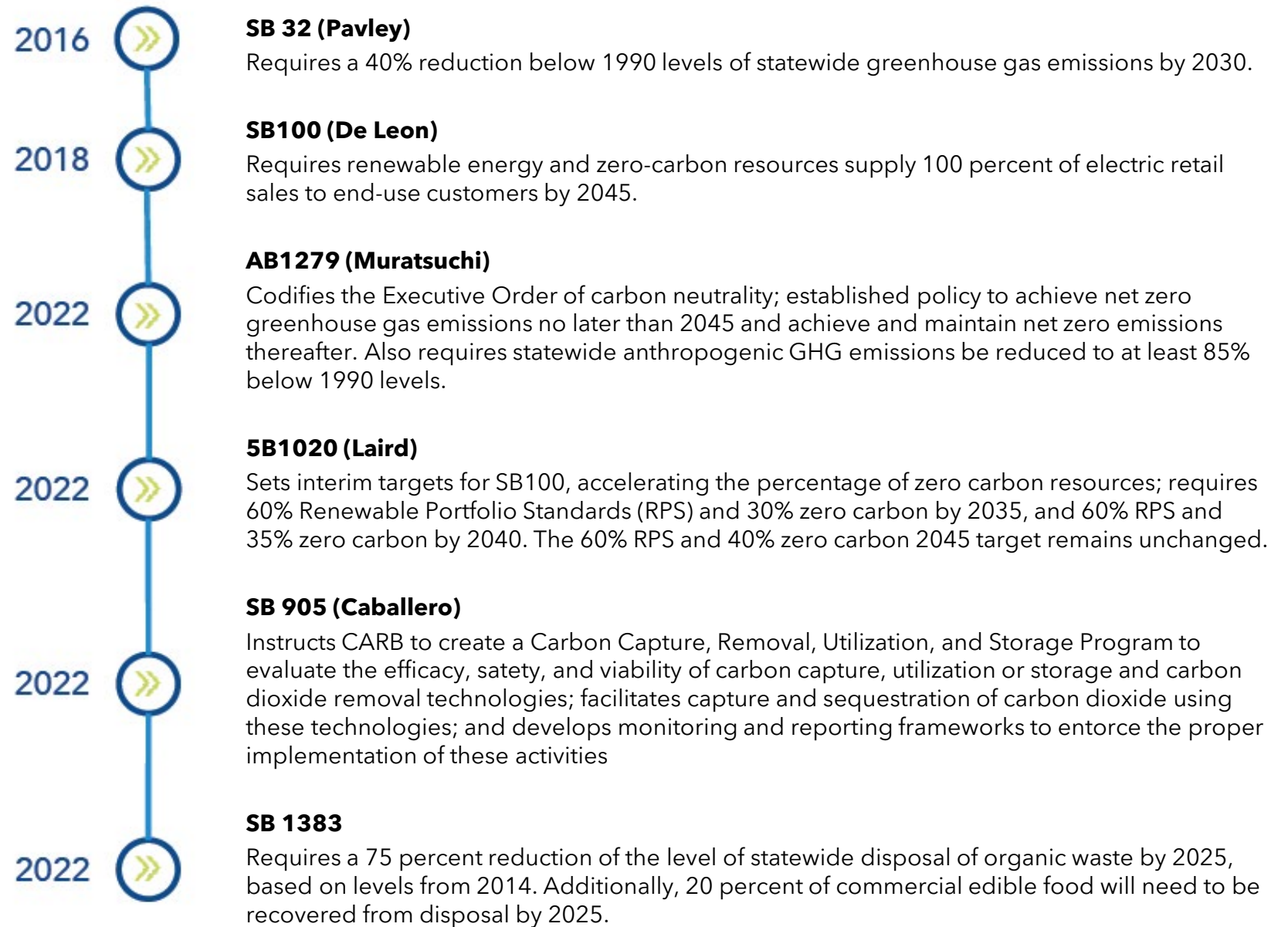
**21+ MILLION**  
CUSTOMERS

<sup>1</sup> based on number of customers and revenue



# California's Clean Energy Targets

California is a national climate leader, setting ambitious goals of reducing emissions and complementary policies



# California's Clean Renewable Hydrogen and Carbon Management Strategies

California needs a broad portfolio of diverse energy sources and decarbonization tools, including cleaner fuels, as well as carbon management, to reach its goals.

Cleaner fuels hold the potential to deeply decarbonize sectors that are hard to electrify:



Aviation



Port Complexes



Mobility



Heavy Industry



Power Generation

ARCHES, has officially been awarded up to **\$1.2 billion** by the U.S. Department of Energy with an additional **\$11.4 billion** in public and private matching funds, with the signing of the landmark **\$12.6 billion** agreement on July 17, 2024 to create an integrated hydrogen hub in California – incorporating dozens of infrastructure projects throughout California.

## Proposed Clean Renewable Hydrogen Pipeline System



ANGELES  
LINK

- » Proposed open-access clean renewable hydrogen pipeline system to deliver decarbonized, reliable, renewable energy to end users across Central and Southern California
- » Envisioned as nation's largest clean hydrogen pipeline system.
- » Could significantly improve air quality and reduce greenhouse gas emissions from hard-to-electrify sectors in the Los Angeles region.

# Hydrogen-Powered Microgrid

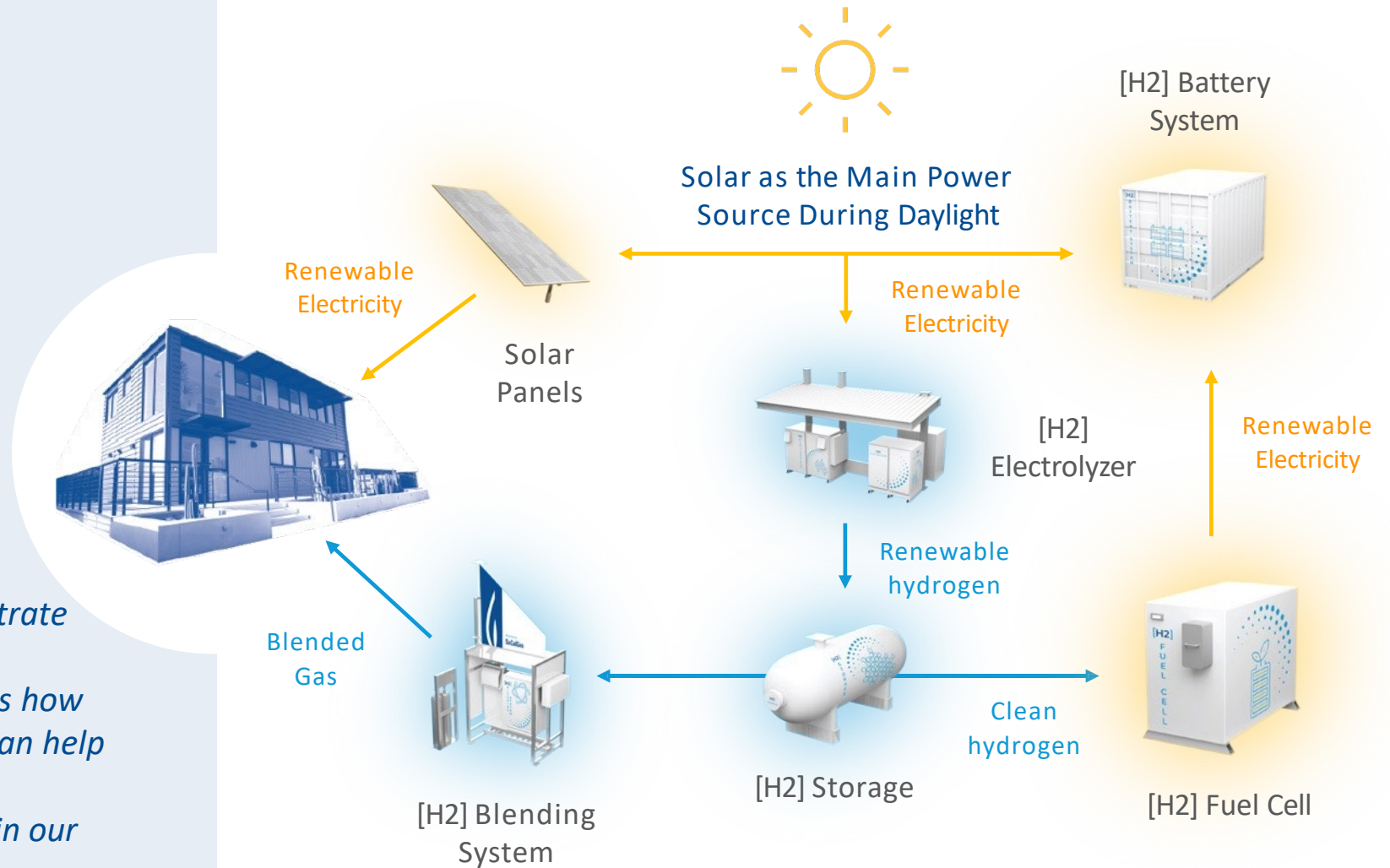
- » A showcase clean hydrogen microgrid and home
- » Shows how carbon-free gas made from renewable energy can be used in pure form or as a blend to fuel clean energy systems
- » Clean hydrogen microgrids can deliver reliable and renewable energy around the clock to more than 100 homes, rain or shine, for as much as seven days

*"Innovative projects like the [H2] IE demonstrate how California is leading the clean energy transition. This first-of-its-kind project shows how clean renewable hydrogen and microgrids can help power homes, enhance grid reliability, and preserve and grow good-paying union jobs in our state."*

— Lieutenant Governor **Eleni Kounalakis**

## How it works:

## [H2] INNOVATION EXPERIENCE



# SoCalGas' Infrastructure & Expertise

## Workforce

- » **8,000+** experienced, technologically skilled staff - Over half are unionized.
- » **73%** of workforce are people of color, reflecting the diverse communities we serve.

## Infrastructure

Over **100,000** miles of underground pipelines and four underground storage facilities.

SoCalGas' infrastructure supports an integrated energy system:

- » Today, our infrastructure supports the transport of natural gas but has the ability to deliver increasingly clean fuels necessary to decarbonize California
- » Leveraging this infrastructure allows California to reach carbon neutrality more reliably, affordably, and with less risk.

# The Ask:

## Help to Accelerate the Clean Energy Transition