

# MEETING CALIFORNIA'S CLIMATE GOALS: THE ROLE OF ELECTRICITY AND PUBLICLY OWNED ELECTRIC UTILITIES



## CALIFORNIA LEADS THE NATION ON CLIMATE POLICY



60% renewable energy  
Greenhouse gases 40% below 1990 levels  
Doubling energy efficiency savings by 2030



100% zero-carbon energy  
policy & statewide carbon  
neutrality



Only state with  
economy-wide carbon  
cap and pricing program

## CALIFORNIA ELECTRIC SECTOR ADVANCES CLIMATE GOALS

GROWING  
RENEWABLE &  
CARBON-FREE  
POWER



63%

renewable power &  
zero-carbon in 2019



40% DECLINE IN  
ELECTRIC SECTOR  
EMISSIONS SINCE  
2006,  
more than any other  
industry sector



Electric sector  
accounts for only

15%

OF  
STATEWIDE  
GHGS,  
far below  
transportation &  
industry

MAJOR ENERGY DEMAND  
REDUCTION

\$2.4 BILLION

spent to reduce energy  
consumption by public power  
since 2005

POUs AVOID

1,390

MEGAWATTS  
peak load generation  
& associated emissions

OVER

1

MILLION  
HOMES

## LOCAL OVERSIGHT & STATE COMPLIANCE ENSURE PROGRESS



OVERSIGHT BY  
LOCALLY  
ELECTED  
BOARDS &  
COUNCILS



STATE PLANNING  
DOCUMENTS

SB 100 Joint Agency Report

Air Resources Board  
Scoping Plan

STATE COMPLIANCE

GHG emissions reporting  
Power source disclosure  
RPS compliance report  
Generation facility reporting  
Energy efficiency reporting  
Peak demand reports  
Integrated resource plans

## FAST FACTS

"California's electricity sector is providing a disproportionately large share of California's greenhouse gas reductions." (Source: CEC)

Electricity costs for businesses and homes in California are **rising at twice the pace** of the national average, although POUs rates are 15% lower than the IOUs.

Electric reliability — keeping the lights on 24/7 — is a complex task, involving intensive engineering and planning, and adherence to strict state and federal standards.