CALIFORNIA'S 2030 CLIMATE COMMITMENT

DOUBLE ENERGY SAVINGS IN EXISTING BUILDINGS & DEVELOP CLEANER HEATING FUELS BY 2030

To achieve our climate change goals over the next 15 years, we must double the planned level of savings from energy efficiency improvements in existing buildings, and develop cleaner heating fuels. Current policies and actions have improved energy service reliability and saved Californians money on their energy bills. Building on and expanding these efforts, we can meet carbon targets, maintain energy service affordability, upgrade our homes and businesses, and transition to cleaner heating fuels.

BENEFITS

Energy Cost Reductions and Improved Comfort

» Efficient buildings are affordable to operate, quiet, comfortable, safe, highly functional, and more valuable.

Meet Air Quality and Climate Change Goals

» Reducing energy use helps minimize the need to generate electricity from fossil fuel-fired power plants, avoiding associated air pollution and greenhouse gas emissions.

» Cleaner heating fuels such as low-carbon gases and electricity from renewable resources can reduce local air pollution.

Enhance Energy Service Reliability

» Energy efficiency strengthens reliability by diversifying the mix of resources to meet our energy needs.

» Energy efficiency reduces the burden on the electric system, improving its operations and flexibility.

HOW WE GET THERE

Already on Our Way

» Building and Appliance Energy Efficiency Standards, put in place over the last four decades, are saving Californians billions of dollars every year in avoided energy costs.

» California ratepayers have invested consistently in energy efficiency programs. These programs provided over $2 billion in net benefits over the past 9 years.

» California's energy efficiency research and development investments are fostering new technologies and ideas to further improve energy performance of existing buildings and advance cleaner heating technologies.

Building on California's Climate Change & Energy Policy Framework

» **Government Leadership**. Achieve dramatically greater performance levels in publicly-owned buildings; push rigorous code compliance; streamline permitting systems and use data to drive community energy planning.

» **Simpler Access to Useful Information**. Knowledge drives modern markets. Building benchmarking and other energy assessments provide targeted knowledge to enable and motivate efficiency improvements. Straightforward access to relevant data is needed to target the best opportunities.

» **Innovative Business Solutions**. Enable widespread delivery of dependable savings from routine upgrade projects.

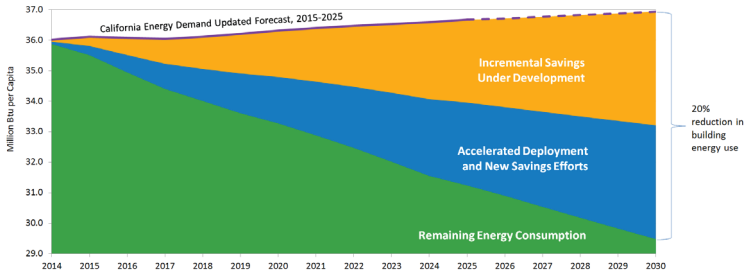
» **Financing**. Pervasive access to affordable, innovative financing that matches payments to savings timeframes.

» **Utility Procurement**. Treat efficiency as a clean distributed energy resource for which utilities contract in a fashion analogous to large-scale generation.

» **Technical Innovation**. Increased development and commercialization of promising technologies and practices for lighting, cooling, space and water heating, and plug-loads.

» **Workforce Training**. Bolster the workforce through training in energy efficiency assessment, installation and sales.

Reduction in Building Energy Consumption Per Capita



STATE OF CALIFORNIA
ENERGY COMMISSION