

# California

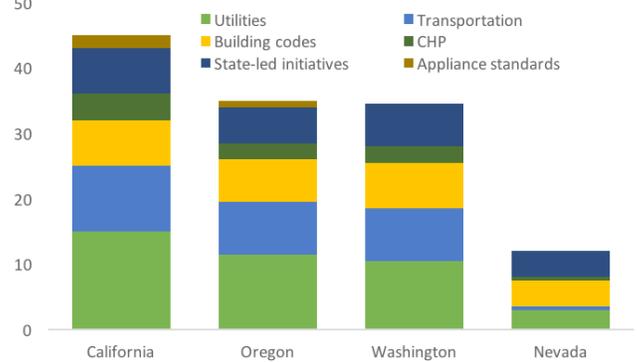


California tied for 1st place with Massachusetts in the 2016 *State Energy Efficiency Scorecard*, returning to the top spot for the first time since 2010. The state scored 45 points out of a possible 50, 1.5 points more than it earned last year.

California in *The 2016 State Scorecard*



How does California stack up regionally?



## UTILITIES

California scored 15 out of 20 points for its utility policies and programs. The state has long-term savings targets in place for both electric and natural gas utilities, and in recent years has increased its investments in energy efficiency in schools. The state also has a cap-and-trade program in place that encourages energy efficiency in homes and businesses. As a result, California has realized increasing levels of energy savings and is poised for further success following the recent adoption of SB 350, which requires a doubling of energy savings by 2030. California utilities are fully decoupled, which encourages energy efficiency, and performance incentives are in place for electric and natural gas utilities.



## STATE GOVERNMENT-LED INITIATIVES

California scored a perfect 7 out of 7 points for state-led energy efficiency initiatives. It is one of the few states to adopt a commercial building energy use transparency requirement. California offers several incentives for energy efficiency investments to schools, industry, residential consumers, and the public sector. The state government also leads by example, requiring energy-efficient fleets and buildings, and encouraging energy savings performance contracts. The recent adoption of AB 802 strengthens the state's benchmarking program by enabling access to whole building data for buildings above a certain size. The state also conducts a broad range of research focused on advancements in energy efficiency.



## TRANSPORTATION

California earned the maximum 10 points for transportation policies, outperforming all other states in this category. California has some of the most comprehensive transportation and land use planning policies in the nation. California includes energy efficiency targets within its freight plan and has concrete targets and strategies for reducing vehicle miles traveled.



## APPLIANCE STANDARDS

California scored 2 points for appliance standards, more than any other state. California was the first state in the country to adopt appliance and equipment efficiency standards. The state has adopted standards for nineteen products not covered by federal standards, including recently adopted standards for LEDs and small-diameter directional lamps. Not only has California adopted the greatest number of standards, many other states' standards are based on California's.



## BUILDING ENERGY CODES

California earned a perfect score for its building energy code stringency and compliance efforts. California's energy code is one of the most aggressive and best enforced energy codes in the country, and has been a powerful vehicle for advancing energy efficiency standards for building equipment. Many specifications are performance-based, offering flexibility for designers. The code also stands out because it includes field verification requirements for certain measures. The state reports high compliance rates and is targeting additional savings with plans to strengthen efficiency in existing buildings.



## HIGHLIGHTS AND OPPORTUNITIES

California's achievements in energy efficiency have long served as a model to others for how efficiency can generate jobs, cut pollution, and lower utility bills. The state has increased its investment in efficiency programs in recent years and utilities have seen a sizeable increase in savings. In addition, the state redoubled its efforts this year through a variety of measures including legislation doubling energy efficiency savings by 2030 and facilitating access to energy use data. California continues to raise the bar through innovative strategies driven by aggressive long-term goals.



## COMBINED HEAT & POWER

California scored the maximum 4 points for its combined heat and power policies. The state has interconnection standards and includes CHP as an eligible technology within its energy efficiency resource standard and renewable portfolio standard. California offers several incentives to encourage cost-effective and efficient CHP installation. In 2015, 28 new CHP installations were completed in California.