

# CARBON SAVINGS FOR OREGON

Energy Trust of Oregon's clean energy programs are contributing to the state's climate goals.

At Energy Trust of Oregon we've been delivering energy efficiency and renewable energy programs for 20 years, helping homeowners and businesses save \$5.3 billion on their utility bills—savings that will grow to reach \$9.7 billion over time.

Collectively, we have saved and generated enough energy to run a clean energy power plant—an achievement with significant rewards for Oregon's economy and environment.

## Local, low-cost and low-carbon energy

Energy efficiency is one of the most affordable energy sources for utility customers. Saving electricity and natural gas through our programs costs far less than if utilities would have paid for other energy sources. And reducing energy usage delivers carbon and other greenhouse gas emissions reductions. We've also added clean power to the electric grid by helping customers and contractors install nearly 21,000 renewable energy systems. Together, energy efficiency and renewable energy are low-cost and low-carbon energy sources that benefit Oregonians every day.

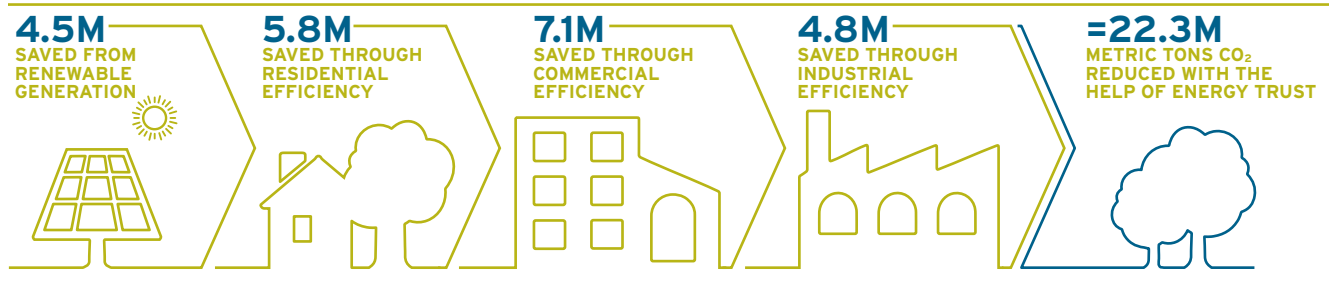
## Carbon savings help achieve climate and community goals

Oregonians value clean air and water and protection for our wild places. In acknowledgement of those values, Oregon has multiple programs and policies aimed at reducing carbon and other greenhouse gas emissions. By 2050, the state's goal is to reduce statewide emissions 80% below 1990 levels. Reducing energy usage and powering our homes and buildings with renewable energy are some of the ways we can help preserve our environment.

Successfully reducing carbon emissions across the state must include sustained investments to make homes, buildings and industrial processes more efficient and investments in renewable energy that reduce our reliance on fossil fuels. And we must accelerate those investments for communities of color, Oregonians with lower incomes and customers living in rural areas. Since 2002, Energy Trust has been building a platform that leverages and maximizes clean energy investments that also deliver carbon savings.

## RESULTS

MILLION METRIC TONS CO<sub>2</sub> REDUCED IN OREGON SINCE 2002



We provide programs, incentives and services that deliver energy solutions for all customers—from renters to homeowners, from farmers to small businesses, and large industrial operations. These programs, and our ability to test new products and approaches before bringing them to scale statewide, provide a working platform for energy and carbon reductions, all while continuing to save Oregonians money.

## Innovation for the future

At Energy Trust, we are committed to building a sustainable energy future for Oregon. Our energy-saving and renewable power programs are paving the way for improved lives, a better environment and a low-carbon economy that works.

Through the years, we have used data, research and program evaluation to reach a variety of customers, and our investments in new technologies, expanded outreach and innovative delivery approaches have increased participation statewide. We have accelerated customer adoption of energy efficiency and renewable energy, and the state is saving more carbon than it otherwise would have.

We have the experience and flexibility to pursue partnerships with communities, government, utilities and nonprofit organizations in order to carry out complementary projects for the mutual benefit of all Oregonians.

\*Energy Trust's Carbon Avoidance Methodology was approved by the Oregon Public Utility Commission and third-party reviewed by the Climate Trust and the Bonneville Environmental Foundation, which agreed that our carbon accounting meets the basic test for use of energy grid greenhouse gas equivalency factors.

## HOW ENERGY TRUST REDUCES CARBON



### ABOUT 21,000

solar systems on homes and businesses are offsetting energy usage and adding clean power to the grid.



### WE HAVE HELPED

capture Oregon's local, carbon-free resources with more than 80 small-scale hydropower, biopower, geothermal and wind systems.



### 789,000

homes and businesses are now more energy efficient, and switching to energy-efficient lighting is one of the best, first projects for most customers.



### BUSINESSES SAVED

\$188 million last year on utility bills from a range of energy projects—from equipment and HVAC system upgrades to complex manufacturing processes.



### SMALL CHANGES

add up. Smart thermostat and operational and behavior changes at businesses save 2-20% on their annual energy costs.

# 22.3

MILLION METRIC TONS  
OF CO<sub>2</sub> REDUCED