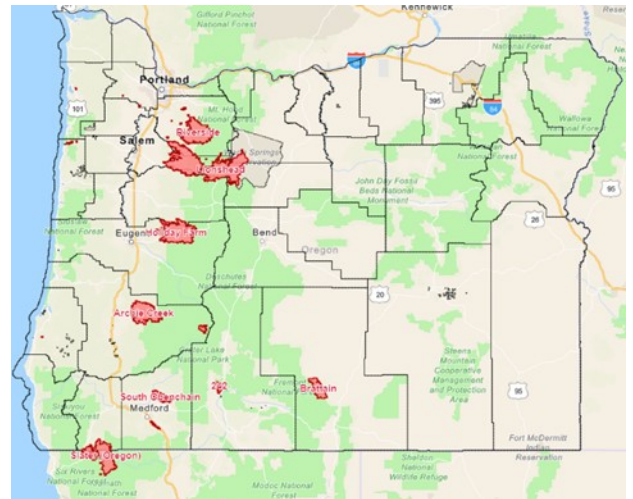


Energy Efficient Wildfire Rebuilding Incentive

Investing in the long-term affordability of Oregon's rebuilt structures

Oregon's legislature passed HB 5006, granting Oregon Department of Energy the amount of \$10,831,296 for a program incentivizing energy efficient rebuilding after the 2020 wildfires.

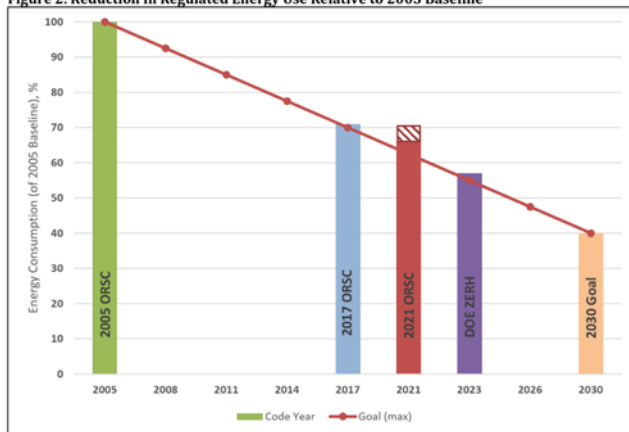
Oregon's Office of Emergency Management determined 5,109 structures were destroyed in the 21 Labor Day 2020 fires. To support quick and affordable reconstruction, the Oregon legislature passed HB 2289, establishing guidelines and requirements for rebuilding properties affected by the 2020 wildfires. Replacement structures must comply with building codes in effect on January 1, 2008 if constructed prior to 2008. Residential structures must comply with the 2005 Oregon Residential Specialty (ORSC) and commercial structures must meet the 2007 Oregon Structural Specialty Code (OSSC). Structures built more recently than 2008 are required to build to the version of the building code at the date of original construction.



Oregon's building codes and market practices in 2021 have significantly improved the energy efficiency of new structures being built in the state. ODOE estimates an average new home built to the 2021 ORSC

today is 30-35% more energy efficient than a home built to the 2005 ORSC at the time . Construction market practices and standard equipment efficiencies, such as those for lighting and heating, have improved since 2005 and would serve as the default efficiency at or near current code. 2021 building codes still represent a substantial efficiency improvement compared to 2008 building codes. Over the life of a new home this results in significant long-term savings for homeowners as well as improves the affordability and performance of Oregon's housing stock.

Figure 2. Reduction in Regulated Energy Use Relative to 2005 Baseline



ODOE's wildfire recovery incentive program may offer owners of single family, multi-family and commercial

may offer owners of single family, multi-family and commercial buildings an incentive to rebuild to the current building code including all energy efficiency measures required by current residential or commercial code. ODOE may also support the replacement of energy efficient new manufactured homes through collaboration with Oregon Housing and Community Services and Energy Trust of Oregon's existing new manufactured homes programs bolstering resources and opportunities already established in the market.

HB 5006 granted Oregon Department of Consumer and Business Services (DCBS) with \$10 million dollars for a program incentivizing fire hardening in rebuilt structures. ODOE's code level incentive offering will be enhanced by a menu of prescriptive fire hardening measures and associated incentives provided by DCBS. These efforts are aimed at encouraging wildfire survivors to invest in building back better and protecting themselves from future events with state economic recovery grants.

ODOE will strive to collaborate with local utilities in impacted areas, identifying opportunities to bolster existing above code energy efficiency programs. Survivor investment in meeting above code utility programs will allow them to leverage ODOE and utility incentives to benefit from significant energy savings over the life of the home leading to greater long-term affordability and performance.

