

Energy-Efficiency in State Buildings



OREGON
DEPARTMENT OF
ENERGY

The State Building Innovation Lab will maximize energy efficiency in State buildings.



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The U.S. Department of Energy reports that commercial buildings consume roughly 20 percent of building energy use in the United States. In contrast, government-owned buildings demand nearly 25 percent more energy than commercial buildings. For both, energy expenditures average more than \$2 per square foot.

As part of Oregon's Energy Priorities over the next ten years, the State proposes to establish baseline energy use and conduct energy audits, to identify cost-effective retrofits for every occupied state-owned building. The State Building Innovation Lab initiative is designed to improve performance up to four million square feet of identified office space, creating the data and experience to help drive a larger efficiency investment.

What is ODOE's role in the State Building Innovation Lab?

The Oregon Department of Energy is the lead agency on the Innovation Lab initiative, which will accelerate energy efficiency projects in State-owned facilities. The Lab is an effort to support and scale energy efficiency retrofit work. Audits and cost-effective retrofits for state-owned office space is the goal, along with creating a replicable model for other governments and the commercial sector.

What are the potential outcomes of the Innovation Lab?

The State Building Innovation Lab goal is to improve energy efficiency in buildings by at least 20 percent. This will achieve deeper savings with integrated retrofits, especially in older buildings with outdated systems. Implementing the State Building Innovation Lab could:

- Reduce the State's energy consumption and bills
- Create a model for public-private partnerships
- Develop building performance tools
- Result in job creation and retention in the energy efficiency field

The State of Oregon purchases power from 29 different utilities, both public and private, and uses energy in all 36 counties.