



# BRINGING EFFICIENCY AND COMFORT TO CLASSROOMS

ENERGY-EFFICIENT HEATING AND COOLING INCREASES COMFORT AND DECREASES UTILITY COSTS

## PROJECT-AT-A-GLANCE

### Equipment installed

- Condensing Gas Boilers
- Condensing Gas Tank Water Heater

### Financial analysis

- \$185,000 cash incentives
- \$49,500 estimated annual utility bill savings\*

### Estimated annual energy savings

- 29,900 therms

### Benefits

- Improved temperature control
- Extended life expectancy of equipment
- Lowered energy consumption and costs
- Increased comfort year round
- Extra money for deferred maintenance projects

\*Based on average 2024 bill rates

Learn more about available incentives for Washington businesses by visiting [www.energytrust.org/commercialwashington](http://www.energytrust.org/commercialwashington).

Email [existingbuildings@energytrust.org](mailto:existingbuildings@energytrust.org) or call 1.866.605.1676 to get in touch with a team member today.

Since opening in 1945, Evergreen Public Schools has demonstrated a commitment to providing a quality learning environment for its students. In 2018, the district passed a \$695 million bond for capital renewal across the district's 38 buildings.

The bond provided the necessary funding for the district to make widespread updates. Many of Evergreen Public School's buildings were built between the 1970s and 1990s and accumulated a long list of repairs. In addition, the HVAC systems in many of the buildings were inefficient due to the constant temperature adjustments and variable classroom temperatures. Together, those factors resulted in high utility bills and repair costs.

"Since we did not have a standardized process, we were doing things to the equipment that were causing premature failure," said Martin Madarieta, maintenance director, Evergreen Public Schools.

To improve energy efficiency and stretch the bond funding, Evergreen Public Schools continued their long-standing relationship with Energy Trust of Oregon and NW Natural to make system upgrades. New commercial condensing gas boilers and tank water heating systems were installed in 17 schools, totaling over \$185,000 in cash incentives from NW Natural and Energy Trust.

With decreased energy consumption and strain on the aging HVAC and water heating systems, the new equipment will save Evergreen Public Schools an estimated 29,900 therms each year, which is equivalent to approximately \$49,500 in annual utility bill costs.

The updated HVAC and water heating systems brought increased temperature control and allowed the district to put even more money back into the schools.



**The equipment upgrades have helped us create a safe, comfortable learning environment that is controllable, and that staff and students can enjoy. That is the bottom line, we are here to educate the students. If we can't make them comfortable, we can't educate them.**



Martin Madarieta, maintenance director, Evergreen Public Schools



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