

Johnson Controls Performance Infrastructure™ Project Profile: Gervais School District



With funds received through the Oregon Department of Energy program, allocated specifically for energy efficiency projects, Gervais School District worked with Johnson Controls to design and implement solutions based on its unique needs.

Johnson Controls addressed deferred maintenance and aging building systems at Gervais School District's elementary, middle and high schools in Gervais, Oregon. Upgrades, including the installation of intelligent LED lighting fixtures, building controls and an updated building envelope, have improved energy and operational efficiency, reduced associated costs and enhanced the environment for student learning and faculty performance.

The improvements were enabled through an Energy Performance Contract (EPC), which helped Gervais School District use guaranteed savings to offset the cost of the upgrades. In addition, Johnson Controls helped the district secure \$82,350 in utility incentives for the installation of high-efficiency products. With these upgrades, Gervais School District will realize over \$1.4 million in project benefits over the life of the 20-year agreement.

The project includes:

- 1700 LED lighting upgrades, including lamps and retrofit kits
- Building envelope upgrades
- Replacement and installation of new boilers and pumps
- Classroom unit ventilator and condensing unit replacements
- Building controls upgrade
- Installation of a plug load management system
- Installation of solar photovoltaic panels

Project Scope:

- Location: 290 First Street, Gervais, OR 97026
- Buildings: 3

Project Investment:

- Initial Cost: \$2.6 million
- Projected Savings: \$1.4 million

Project Components:



HVAC equipment and
YORK® Connected
Chillers



Intelligent Lighting
Infrastructure



Building Controls



Energy Storage