

## News release



Everett Public Schools

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### **Everett schools earn eight grants from resource conservation program *2010 Building Repair and Technology Levy monies put to work***

As part of Everett Public Schools' ongoing resource conservation program, the district was [awarded eight competitive grants](#) by the state of Washington to help upgrade or enhance existing building systems to reduce energy consumption.

District leaders credit voter support of the levy for helping secure the grant funding. "The district got the nod for the grants because of work already planned when voters said 'yes' in February 2010 to the Building Repair and Technology Levy," said Hal Beumel, facilities and planning director. "As a result of voter support of schools and our grant application success, schools will now have more than \$2 million of additional improvements, and we will see more energy cost savings over time. This is a 'good thing' for our students and our community." The grants and rebates from local utilities add up to nearly \$2.2 million to help fund projects which will **save an estimated \$215,000** in annual energy costs.

Some of the cost-saving projects made possible by the levy and the grants include:

- Replacing the old and inefficient heating and ventilating equipment at Everett High School (EHS) with a new, more energy efficient system and heating and lighting as well as a mechanical room for two new, energy efficient boilers.
- Increased insulation for the EHS science building as part of the 2010 Building Repair and Technology Levy roof replacement project and lighting upgrades and energy management controls. The work will also replace aging HVAC systems with new, more energy efficient equipment that has the capacity to reclaim and reuse building heat and improve ventilation and indoor air quality.
- Energy upgrades for Everett High's vocational building, including lighting fixture and control upgrades, new, efficient heating equipment and energy efficient, tankless water heaters.
- Lighting and CO2 sensors for Heatherwood Middle School's gym which includes replacing existing metal halide and incandescent light fixtures with fluorescent fixtures. The project will also install carbon dioxide sensors to regulate the amount of outside air needed for code required ventilation while the gymnasium is being used.

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- New HVAC system equipment at Heatherwood for better indoor air quality and an energy management system at the school to reduce energy use. Combined with roof replacement, these measures will reduce energy costs over time.
- Districtwide upgrades incorporating a Demand Controlled Ventilation (DCV) strategy for several elementary, middle and high schools. DCV will mean that the amount of fresh air will match how many people are actually in a school. The CO2 sensor added to the controls system allows real-time control of the ventilation levels. This avoids unnecessary cooling and heating which saves money over the long term.

Beumel adds, “Lighting and control upgrades will help the district take an aggressive step away from obsolete lighting technology at 14 schools. In addition, as part of the 2010 Building Repair and Technology Levy, we will replace energy management systems at Jackson Elementary, Lowell Elementary, Madison Elementary, and Cascade High School. These upgrades mean better visibility, more reliable temperature control and improved energy efficiency – all of this made possible by the way our community supports and shows how much it values safe places for students to learn and grow.”

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