Customer Profile: Everett Community College

Cost Savings: $67,200/yr. (1.5 million kWh)

Sustainable business practices are part of the mindset at Everett Community College. The school is the only community college in Washington state to have a dedicated resource conservation manager focused on identifying and promoting conservation opportunities on campus.

Since 1999, the school has partnered with the PUD on nearly 40 energy-efficiency projects, saving more than 1 million kilowatt-hours (kWh) of electricity annually, primarily through lighting upgrades. When it set out to design its first green building, Gray Wolf Hall, the school made energy efficiency a priority from the very start. The design team engaged students and staff to understand how the building would be used and which features were most important.

The completed building is 43% more energy efficient than Washington State Energy Code, saving the school $100,000 kWh annually. Gray Wolf Hall is expected to earn the U.S. Green Building Council’s Leadership in Energy and Environmental Design (LEED) Silver Rating. The PUD provided a $77,000 incentive for the high-efficiency performance of the building.

Gray Wolf Hall energy-efficiency features include:

- **Heating and Cooling**: The office wing is ventilated using naturally occurring convective air currents to circulate the air. Only the classroom wing is air conditioned. Office areas have low energy hot water radiant heat and operable windows. A pair of high-efficiency condensing boilers heat water for both wings.

- **Lighting and Controls**: The offices contain pendant-mounted direct and indirect lighting with four switchable lighting levels for occupant comfort. Classrooms have daylight zones switched separately from non-daylight zones, to reduce lighting levels when daylight is available. Occupancy sensors are used in classrooms and restrooms to turn lights off when spaces are not in use.

- **Natural Light**: All faculty offices are day lit, and those on the south and west facades are sun-shaded. All offices and classrooms have room-darkening roller shades.

Everett Community College and its sustainability committee continue to work closely with the PUD to identify energy-saving upgrades, including the design of its new Health Science Building and Fitness Center.

To find out how PUD energy professionals can assist you in identifying and managing your next energy project, please contact us today.

“At Everett Community College, we have a long history of promoting energy efficiency in our operations. They’re smart business practices that strongly support our college’s goals for sustainability.”

David Beyer, Everett Community College President

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