

Wyoming

General Education

Wyoming has nine on-going programs in General Education. A school workbook is distributed to the fifth graders across the state. The workbook challenges the children to be wise energy users. Energy efficiency PSA's are broadcast by one of the state-wide television stations. We also publish a regular newsletter and a Recycling Directory. Other general education activities include an Energy Yearbook, Science Fair Scholarship, the Energy Hog, and sponsorship of a very successful renewable energy conference, "Roping the Wind." Funding for the University of Wyoming Motor Lab continues to provide engineering students with a valuable knowledge on energy efficient motors.

Buildings

Two new programs were instituted this year that promise to help institutions and businesses to control their energy consumption. An Institutional Conservation Program will be funding energy audits at schools and hospitals across the State. The rise in the price of natural gas has helped focus building operators on their energy costs. The energy audits will provide them with a management tool for identifying system improvements. Another energy audit program targets businesses of all kinds. Grants to the Wyoming National Guard and the State Buildings continue as do the Boiler and Pneumatic Controls Seminars.

The Wyoming Energy Office and a Wyoming Rebuild Partner are working with the schools facility construction program to promote "Energy Smart Schools." With school construction expected to reach nearly one billion dollars over the next ten years, it is incumbent on this Office to ensure that new schools are energy efficient.

Wyoming Energy Office is working with a regional weatherization contractor to implement Home Performance with Energy Star in Laramie County as a pilot for an eventual state-wide roll out of the program.

The Energy Office is promoting sustainable building design by funding LEED certification costs for a public library and an elementary school.

A new community college campus will demonstrate high performance school concepts, energy efficiency and renewable energy systems for public

buildings. The differences between standard construction techniques and energy efficient construction techniques were funded through the Energy Office.

Renewables

Wyoming has implemented an anemometer loan program. The Program consists of a fleet of eight 50m anemometer towers and two 20m towers. Based on only six months of data, one landowner has been approached by a wind farm developer. The photovoltaic grant program continues and has been expanded. A new program is in the works to demonstrate the use of photovoltaics and other renewable energy sources for stock water pumping.