

Winnett Public School District #1 (Winnett, MT)

Winnett is the county seat and only town located in Petroleum County, in rural eastern Montana. The school has two boilers; the primary is coal-fired, and the backup is fuel oil-fired. Both boilers are old and have reached the end of their service life. The school district's Innovative Energy Technology Package will implement five different energy improvements. The project includes replacement of the coal-fired boiler, updating lighting, adding insulation, installing heat recovery ventilators, and adding a solar array to offset energy costs. Students will learn the importance of renewable energy through the PV dashboard that accompanies the solar array installation. The project aims to complete energy upgrades to meet the current energy code (at a minimum) and give equal consideration to how the improvements positively impact occupant health.

Community Benefits

The town of Winnett is a DOE-identified Disadvantaged Community, and the school is the town's largest employer. The facility is used throughout the year for community events, and therefore benefits will extend beyond the school population.

From 7th to 12th grade, students are required to take Career/Technical Education. These courses are based on a local labor-needs assessment from partnering with local businesses.

The area is comprised of independent ranchers with no large employers, but there is no opposition to unions in Winnett. The Montana Disadvantaged Business Enterprise program gives preference to women and minority owned businesses, especially for construction.

Team Members	
<ul style="list-style-type: none">National Association for Appropriate TechnologyStahly Engineering & Associates	
Total Funds Requested	\$ 1,657,104
Proposed Cost Share (%)	\$ 87,216 (5%)
Number of Buildings	1

