

Case study
Lakeville Area Schools
Lakeville, Minn.



Community-focused building improvements offer energy and cost savings for school district



The story:

Lakeville Area Schools strive to foster a sense of community in every classroom, and that altruistic, grassroots mindset led district decision-makers to explore recent energy-efficient updates for two of their buildings, Lakeville North High School and the Lakeville Area Learning Center.

Featured projects:

For Lakeville North High School (circa 1991), new boilers were a necessity. Upkeep required hard-to-find parts, and further investigation proved it would be most cost-effective to purchase new boilers. The Lakeville Area Learning Center (circa 1954), another of the district's buildings, struggled to provide consistent comfort for students and staff. These pain points needed to be addressed with energy-efficient improvements.

The savings:

Lakeville North High School installed two hot water boilers with 94.6% thermal efficiency and received a \$15,000 rebate. Additionally, they reduced their natural gas bills by an estimated \$13,000/year.

Lakeville Area Learning Center installed hot water pipe insulation and received a \$660 rebate. As a result of the pipe insulation, they reduced their annual natural gas bills by \$200.

“With old boilers, we always ran a constant temperature or hotter. Now we’re using condensing boilers that allow us to run cooler year-round.”

–Mechanical Systems Manager
Andy Nordstrom



\$15,000
received in rebates

\$13,000
reduction in annual energy use

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By partnering with Minnesota Energy Resources for over five years, Lakeville Area Schools saved 149,000 therms and received natural gas rebates totaling **\$130,200**.



Hot water
boilers



Condensing
water heaters



Boiler
tuneups



Hot water pipe
insulation



Custom
measures

The partnership:

Minnesota Energy Resources and Lakeville Area Schools have built a strong line of communication over the years. The long-standing, cooperative relationship made 20 large energy-efficient improvements simple. This partnership was strengthened by thoughtful planning and Minnesota Energy Resources' dedication to identifying as many opportunities as possible for the district to save energy and get money back.

“Working with Minnesota Energy Resources has been stress-free and attuned to our needs. They made it easy to receive rebates, and the improvements we implemented have been very beneficial.”

–Mechanical Systems Manager
Andy Nordstrom

So far, these projects have earned thousands of dollars in rebates, and they will continue to reap long-term energy savings. The Lakeville North Panthers can be proud of their district's commitment to energy improvements and cost savings that benefit all.



For more information about rebates and programs from Minnesota Energy Resources, visit minnesotaenergyresources.com or call 866-872-0052, option 2.

