

NORTHLAND PINES SCHOOL DISTRICT

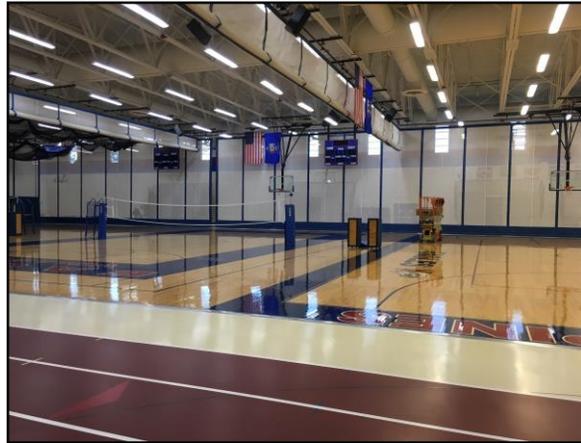


Northland Pines High School & Middle School

Covering 474 square miles, the Northland Pines School District (NPSD) is located in northern Wisconsin and includes the Townships of Cloverland, Conover, Eagle River, Land O’ Lakes, Lincoln, Plum Lake, St. Germain, and Washington in Vilas County and a small portion of Newbold in Oneida County.



NPSD has impressive attributes for students and families such as experienced leadership, excellent faculty & staff, community stewardship, strong curriculum offerings, commitment to technology, state-of-the-art facilities, and more. In 2017, the district partnered with Upper 90 Energy to make a push towards energy efficiency by implementing “low-hanging fruit” upgrades like a district-wide, interior and exterior LED Lighting conversion.



High School Fieldhouse - DURING installation (left side is LED, right is fluorescent)

LED Lighting Conversion - Project Summary

Project Cost:	\$418,856
Annual Electric Savings:	\$64,148
Annual Maintenance Savings:	\$20,500
Rebates/Incentives:	\$75,240
Simple Payback:	4.1 years

The Administration and Finance Committee were involved in the design of the lighting upgrade from the beginning. They approved the light levels and color in a classroom, which was done as a “mock-up” before the project began. NPSD will benefit from reduced maintenance costs from the long life of the LED lights and by eliminating the fluorescent ballast. Lastly, over 25% of the project cost was offset from one-time rebate/incentive dollars from both the local utility (WPPI) and Focus on Energy. Upper 90 Energy is a registered Trade Ally and is proud to partner with Focus on Energy.



Elementary school classroom and exterior pole light after LED lighting upgrade



FOR IMMEDIATE RELEASE

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***Photo:** Pictured from left: Walt Gander, Commissioner for ERLW; Jeff Forbes, Senior Energy Services Representative for WPPI Energy; Pat Weber, Utility Manager for ERLW; Dr. Michael Richie, District Administrator for NPSD; David Bohnen, Building and Grounds Director for NPSD; and Adam Snippen, Energy Advisor for Focus on Energy*

Northland Pines Schools Complete Lighting & HVAC Upgrades

Northland Pines Schools recently completed projects to upgrade the lighting in its school buildings to Light Emitting Diode (LED) technology and projects to enhance the building envelope. LED bulbs are significantly more energy efficient than fluorescent bulbs, and provide brighter, better quality light. The overall project will save the school district over 500,000 kilowatt-hours of electricity each year for an annual costs savings of over \$70,000. The project was contracted and installed through Upper 90 Energy of Madison, WI.

The school district received \$15,000 from Eagle River Light & Water Utility (ERLW) and WPPI Energy, and an additional \$71,521 from the state program Focus on Energy to help offset project costs.

“As a locally owned, not-for-profit public power utility, we have several programs, services and practices in place to support the community in ways that go above and beyond providing electricity,” said Pat Weber, Utility Manager at ERLW. “We’re very pleased to support the school district in this project to make area schools more energy efficient.”

District officials are pleased that the project will provide both energy and cost savings.

“Being energy efficient also helps us be budget efficient,” said Northland Pines’ District Administrator Dr. Michael Richie. “The money saved through this project can be reallocated to classes and other resources for students.”

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