



TOP 5 WAYS TO SAVE ENERGY IN RURAL K-12 SCHOOLS

Investing in energy efficiency upgrades can result in significant financial and maintenance savings for your rural school district. Try any of these top five opportunities from FOCUS ON ENERGY® to save money on your utility bills for years to come.



High-Efficiency Lighting

- Upgrade to LED lamps and fixtures.
- Opt for fixtures with higher lumens per watt, certified as DesignLights Consortium® or ENERGY STAR®.
- Receive an average payback between two to five years.



Automation and Smart Devices

- Invest in networked lighting controls or advanced building automation systems with a mobile interface.
- Add smart controls such as smart thermostats and advanced roof-top unit controllers.
- Realize 10%-25% savings when implementing energy management programs in mid-sized buildings.¹



Demand Controlled Ventilation

- Achieve healthy air quality by controlling ventilated air based on actual building occupancy.
- Reduce ventilation energy costs by 10%-40%.²



High Efficiency Heating, Ventilation, and Air Conditioning Equipment

- Size boilers to operate within the best efficiency range for the majority of the heating season.
- Select a chiller for the best efficiency in the loading range it will most often operate.
- Increase your precision and control by ensuring VFDs are properly sized in each application.
- Invest in electronically commutated motors for efficiency gains of up to 30%.³



Building Tune-Ups and Retrocommissioning

- Update the parameters of heating, ventilation, and air conditioning systems by adjusting temperature/pressure settings or building schedules.
- Receive an average payback between three months and three years while reducing energy use by up to 15%.⁴

Get Started:

1. Contact your Energy Advisor at 800.762.7077 or visit focusonenergy.com/EA-Map.
2. Review your facility's opportunities with your Energy Advisor.
3. Complete your energy efficiency upgrades.
4. Submit your application to your Energy Advisor within 60 days of project completion and receive your incentive check!

¹Raschke, S. (2017, May 7). Costs, Savings, And ROI For Smart Building Implementation. Retrieved from IoT One: <https://www.iotone.com/guide/costs-savings-and-roi-for-smart-building-implementation/g666>

²Demand Control Ventilation. (n.d.). Retrieved from Yorkland Controls Environmental Solutions: <https://yorkland.net/>

³Energy Best Practices Guide School & Government Facilities. (2020). Retrieved from Focus on Energy: https://assets.focusonenergy.com/production/inline-files/2021/BIZ-EE-Best-Practices_Guide-Schools_Government.pdf

⁴Retro-Commissioning. (n.d.). Retrieved from Northwest Engineering Service, Inc.: <https://www.nwesi.com/service/retro-commissioning/>

REDUCING ENERGY WASTE ACROSS WISCONSIN

Focus on Energy, Wisconsin utilities' statewide program for energy efficiency and renewable energy, helps eligible residents and businesses save energy and money while protecting the environment. Focus on Energy information, resources, and financial incentives help to implement energy efficiency and renewable energy projects that otherwise would not be completed.

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