

NEW RICHMOND SCHOOL DISTRICT

Facilities Improvement Measures Include:

\$411,218 IN ENERGY SAVINGS!!!

OPTIMIZING CONTROL SETTINGS

DE-LAMPING

BEHAVIORAL MODIFICATION TRAINING

The School District of New Richmond contacted CESA in 2013 to help increase the energy efficiency of their facilities. Todd Wanous, Energy Management Manager, performed a preliminary audit on the facilities to determine which energy conservation measures (ECMs) and activities would yield the most savings. However, since the building was fairly new and state-of-the-art, the point of the audit was to find systems and equipment needing optimization as opposed to being focused on capital investments. This included monitoring energy usage in all of the school buildings, along with ongoing monitoring of the district's utility bills. **In a three year time span, the School District of New Richmond was able to realize \$411,218 in achieved energy savings—168 percent of estimated savings!** This savings came primarily from optimizing controls settings, de-lamping of over-lit spaces, and behavioral modification training (as it relates to energy use in schools) of the district teaching, custodial, and food service staff.

Units	Projected Annual Energy Savings	Actual Energy Savings Year 1	Actual Energy Savings Year 2	Actual Energy Savings Year 3	Projected Three Year Savings	Achieved Three Year Savings (Ave kW)
kWh	258,715	1,085,217	419,217	-127,750	776,145	1,376,684
kW	1,079	1,033	1,319	-56	1,079	765
MMBTU	2,075	6,574	600	49	6,225	7,223
Gallons						
Other						

