

Gundersen Prairie du Chien Clinic, Wisconsin



Type of building: Outpatient medical center

Size: 44,000 sq. ft.

Built: 1958, many additions/revisions since

Energy use prior: 105 kbtu/sq. ft.

Energy costs prior: Approx. \$73,000/year

Cost savings identified: More than \$28,000/year; nearly 35% of energy costs

Payback: Approx. 1.5 years

Top opportunities identified

- Retrofitting lights to more efficient bulbs/ballasts/reflectors; allows for 1-2 bulbs rather than 3-4
- Using a building automation system (B.A.S.) to reduce mechanical cooling costs during summer months
- Adding a data hub closet exhaust fan and isolating the closet exhaust fan from those serving other areas; allows fewer fans to run
- Scheduling air handling units and exhaust fan to shut down during unoccupied hours
- Scheduling domestic hot water boilers with a lower set point temperature during unoccupied hours
- Incorporating scheduling changes for heating and cooling mechanical systems
- Insulating pipes, check valves and pumps

The Gundersen Prairie du Chien Clinic offered a number of opportunities for energy efficiencies. Prior to the energy check-up, the Clinic spent nearly \$73,000 a year on energy costs. With some simple fixes, the Clinic achieved a 35% reduction in energy use and about \$28,000 in annualized savings with payback of about 1.5 years.