

Project 10 Facility energy

Make serious ROI

According to the US Department of Energy, 80% of a hospital's electricity usage is from lighting, ventilation, cooling, computers and refrigeration.²² The same document says 86% of natural gas usage is for space and water heating. The ROI for this project is long-term energy savings, which increase margins each year.

Considerations

Calculate a rolling Energy Use Intensity score. This is similar to other accounting metrics like market share, volume, and visits.

The typical EUI score for hospitals is ~250.

The break-even period for many energy savings projects is less than 2 years.

Assess chillers and boilers for age, condition and replacement timelines.

Upgrade your facility technology to current software versions and digital controls.

Assess air management strategies including outside air, and air handling equipment.



ESTIMATED ENERGY SAVINGS



8–12%
boiler
replacement



5%
optimized
ventilation



2–4%
air temperature
reset



No/low
cost
opportunity