

















II. Energy and the First Law of Thermodynamics 6. Application \$ saved in one year: $\begin{cases} saved = 4339 \frac{kWh}{yr} \$0.10 / kWh = \$434 / yr$ Time to recover cost of insulation: $\frac{\$850}{\$434 / y} = 1.96 \text{ heating seasons}$ Lesson 5