

Commercial & industrial energy efficiency pilot program - Fact sheet

Holliday Investments, Inc. - Prairie Home, Mo.

Holliday Investments, Inc. partnered with their local electric cooperative, Co-Mo Electric, to make energy saving improvements to their business. They replaced older, inefficient lighting with new light-emitting diode (LED) lighting technology in one of their turkey barns and are now saving an average of \$1,244 every year on their electricity bill!

Problems identified:

- Old, inefficient 75-watt incandescent lighting technology
- Excess heat emitted from current lighting

Member goals:

- Reduce energy use and bills
- Reduce excess heat given off from lighting

Completed energy efficiency measures:

- Replaced 72 incandescent 75-watt bulbs with new, energy efficient LED lighting.
- Installed dimmable timers on LED lighting throughout the facility
- Due to this pilot project, Holliday Investments received an Energize Missouri agriculture cost-share grant of \$5,000 to purchase 70 LED poultry barn lights (15 watts each) to replace the existing 75-watt incandescent bulbs in a second turkey barn.

Company statistics:

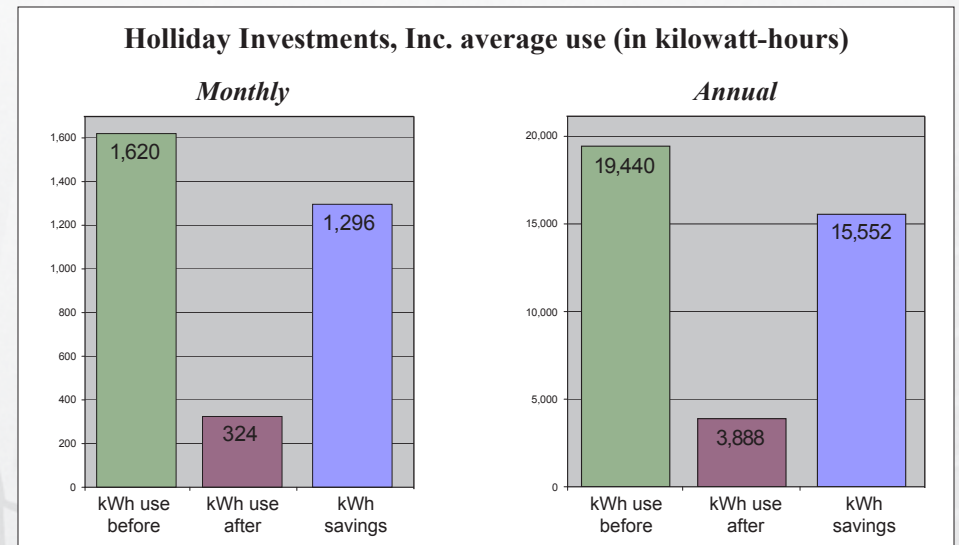
- Business type: Turkey farm
- Primary building construction: Metal
- Building square footage: 18,000
- Existing lighting: 75-watt incandescent

Energy audit information:

- Conducted October 8, 2009
- By Energy Services Consultants, Inc.

Energy and money-saving results!

- Reduction of 60 watts per bulb or total of 4,320 watts
- Saving an average of 15,552 kilowatt-hours (kWh) every year¹
- Saving an average of \$1,244 every year¹



¹Numbers reflect an average, not actual, lighting use. Based on a 10-hour day lighting period, 30 day month.