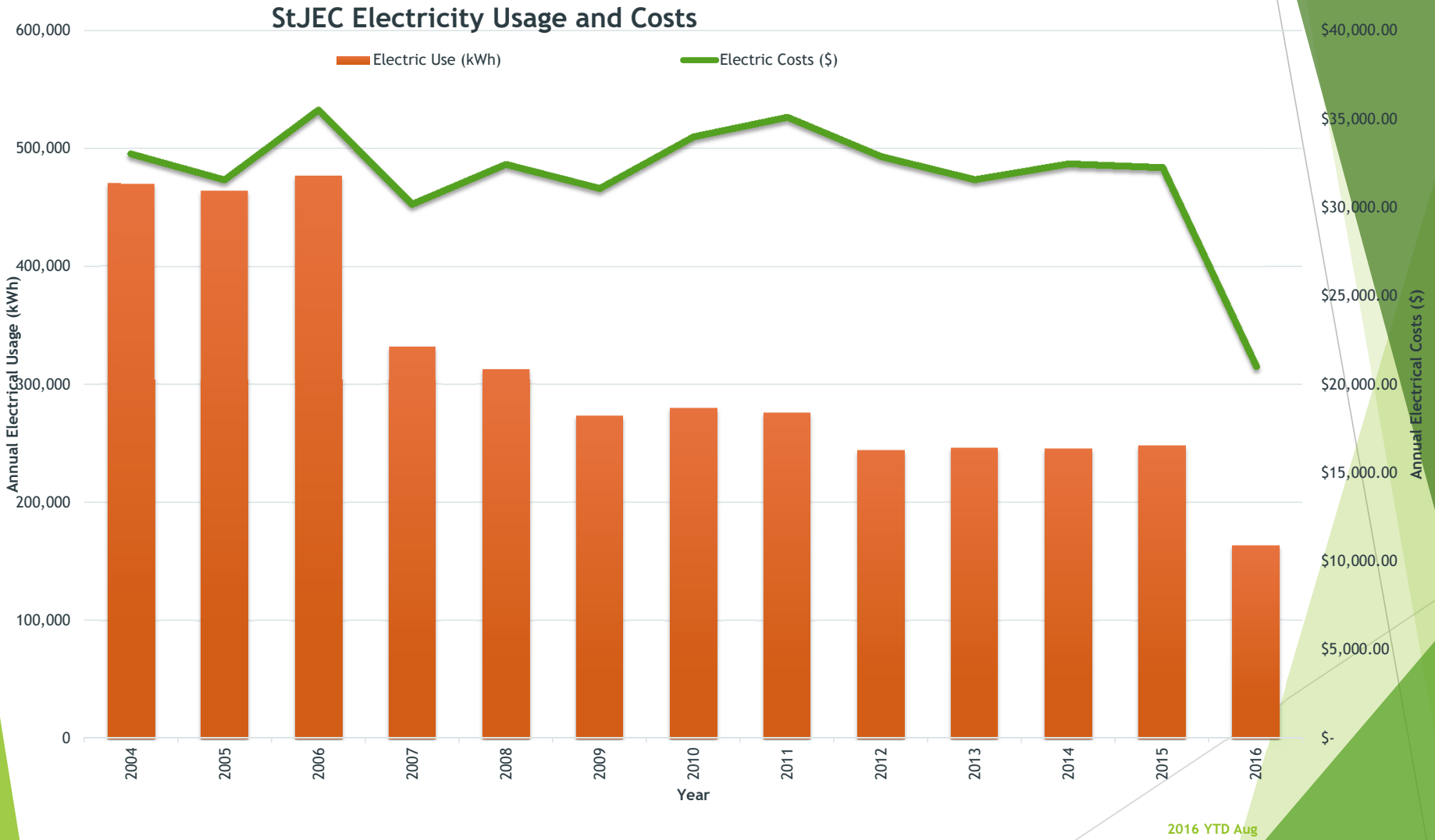


# St. John's Episcopal Church Reduced Energy Usage

- ▶ **St. John's Episcopal Church** has reduced its energy usage by 50% over the past ten years due to a thoughtful and methodical plan and leadership.
- ▶ Still actively tracking and reducing energy use and updating energy efficiency.
- ▶ Some of the improvements due to increased efficiencies in lighting
- ▶ Greatest savings through moderating use while facilities occupied
- ▶ Sharp reductions in energy use when building not occupied

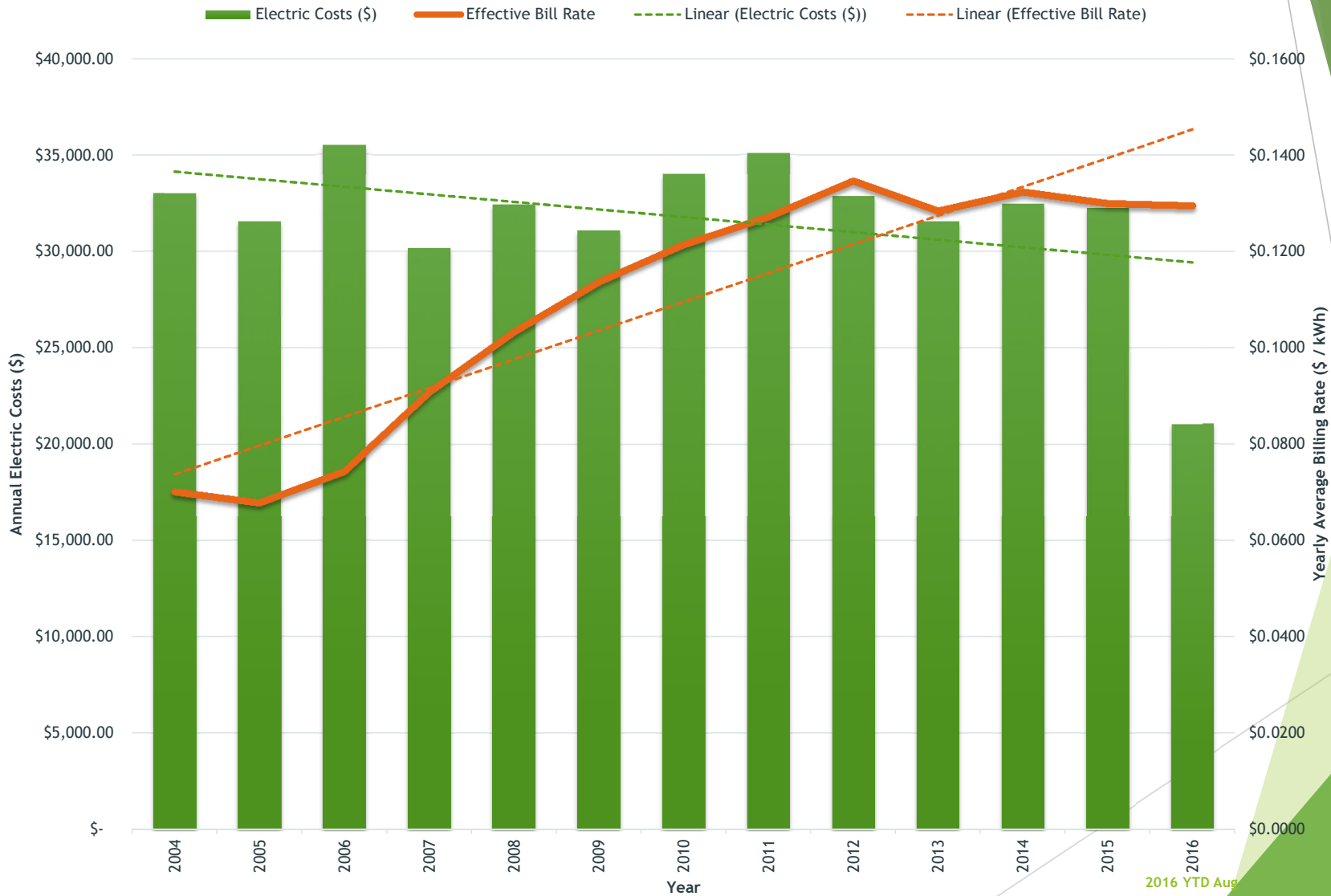


# Long Term Trends Electricity Use and Costs



# Long Term Trends Electricity Pricing and Costs

## StJEC Electrical Bills and Effective Billing Rate



# St. John's Episcopal Church

## Reduced Energy Usage

- ▶ **St. John's Episcopal Church** has reduced its annual energy usage from ~475,000 kWh to current ~250,000 kWh
- ▶ Current dollar savings more modest, due to increasing JCPB pricing (baseload and peak/demand price structures)
- ▶ In 2004, effective price around 7¢ per kWh
- ▶ Today, effective price around 13¢ per kWh
- ▶ Cost avoidance since 2004: \$109,000

