Mrs. Natalie Meyer was our contact person for the LED retrofit over the summer of 2019. We had a lot of work done to retrofit our 18 classrooms in the school. This was a major project. It went absolutely as easy as possible from start to completion. As pastor, I want to thank all of those involved in this project. The total energy savings is amazing and well worth all of the effort. Thank you.”

- Msgr. Ullrich, Pastor of Sacred Heart Catholic School in Florissant, MO

PROJECT BACKGROUND
Sacred Heart Catholic School, located in Florissant, is a K-8 school specializing in Roman Catholic Education. Last summer, an LED retrofit of the entire building was executed. The retrofit consisted of replacing approximately 375 T8 & T12 fixtures with LED fixtures in the classrooms, offices, cafeteria, and gymnasium. The project has saved the school just over $11,000 in energy costs, 113,000 kWh of energy, and 93 tons of CO2. These numbers alone show that the total energy savings as a result of the project have been well worth the investment.

STRATEGIES AND RESULTS
The existing T8 and T12 lamps varied from 82W – 164W fixtures. With the new LED lights, each fixture was cut in at least half of the total wattage required. As a result of the retrofit, the lighting levels improved for the students and the ballast was eliminated to reduce operating costs for the maintenance team over the life of the facility. The total return on investment for the school was less than 1 year. The total energy savings of the project amounted to ~113,000 kWh / 93 tons of CO2 saved.

ABOUT SACRED HEART CATHOLIC SCHOOL
Sacred Heart Catholic School is an Archdiocesan Catholic School located in Florissant, MO. The school includes K-8 and Pre-School and provides faith-centered Catholic education in a welcoming environment that aims to enrich the lives of students and support parents at their first teachers. The school building was originally constructed in 1954. 9 years later, an additional building that includes a gym, Parish Hall, Cafeteria, and six more classrooms was built.