

REDAPTIVE UPGRADES SAINT-GOBAIN FACILITIES TO LED TECHNOLOGY SIGNIFICANTLY REDUCING ENERGY COST



Customer Objective

Install LED lighting fixtures to reduce energy costs, improve safety, and increase productivity.

The Challenge

- > Saint-Gobain had previously evaluated upgrading the metal halide and fluorescent lights and had a fully scoped LED lighting retrofit proposal but could not get approval as it did not meet the internal capital budgeting payback threshold.

The Solution

- > Saint-Gobain utilized Redaptive's Energy-as-a-Service program, which enables businesses to avoid spending upfront capital on energy efficiency retrofits and instead, pay for the projects with the savings generated by the upgraded equipment.
- > Through Redaptive's program, all the equipment, design, procurement, installation, and utility incentive administration was managed turnkey without requiring time or resources from the Saint-Gobain team. At the request of site management, dust-tight, heat resistant, and wash-down rated fixtures were specified and priced effectively.

The Impact

- > The Redaptive program resulted in significant lighting cost savings, dramatically increased lighting levels, improved working conditions, and the elimination of burnouts in a number of locations.

LED Retrofit Highlights

- Footprint Upgraded:** 19 Sites, 6.6M ft.²
- Fixtures Upgraded:** 19K
- Annual Energy Savings:** 18.7M kWh
- Projected Net 10-Yr Savings:** \$14M
- Annual Emissions Saved:** 13.2K mt. of CO₂

