

LED Lighting – Case Study

School Lighting

Description of Work:

Energy Retrofit Co. helped Coastal Academy replace old 2 lamp T8 Fluorescent fixtures with new **LG Simple Choice Smart LED Troffer lights** with advanced daylight harvesting and occupancy controls.

The total lighting energy cost was reduced by **46%**, and light levels have been improved with better color light from the new LED fixtures.

Notable school lighting projects include:

- Del Norte High School
- Westview High School
- Painted Rock Elementary
- Rolling Hills Elementary
- Newark Unified
- Lainey Community College
- Foothills Faith Academy
- Trinity School & Church
- Bellus Academy
- Escondido Christian School
- La Jolla Prespaterian



46%
energy savings

6.5
year payback

34%
utility incentive

Coastal Academy

Oceanside, CA



Before: T8 2 Lamp 60W/ After: LED Troffer 2x4 40W