

# Case Study



BEFORE - 750 watt  
High Intensity  
Discharge (HID) fixture  
consuming 870 watts  
per fixture

## New Process Steel

Alsip, Illinois

### Project Scope

New Process Steel replaced (152) inefficient HID and (64) 6-Lamp T5's with an Orion 8-Lamp T8 Fluorescent Compact Modular High Bay light fixtures.



AFTER - 8-Lamp T8  
fixture consuming 290  
watts per fixture

### Project Economics

Displaced Energy:	570,086 kWh
Displaced Capacity:	91.36 kW
Annual Savings:	\$42,757

### Environmental Impact

Carbon Dioxide Emissions Displaced:	378.9/year
Acres of Trees Planted (Equivalency):	104.6/year