



NOVUS
ENGINEERING

Albany International Airport Albany County Airport Authority

Novus Engineering, P.C. was selected to assist the Albany County Airport Authority (ACAA) with multiple energy projects, including energy procurement assistance and a lighting upgrade at the Albany International Airport (AIA) Parking Garage. The work was conducted under the New York State Energy Research and Development Authority (NYSERDA) Flexible Technical (FlexTech) Assistance program.



Lighting Implementation Goals and Objectives

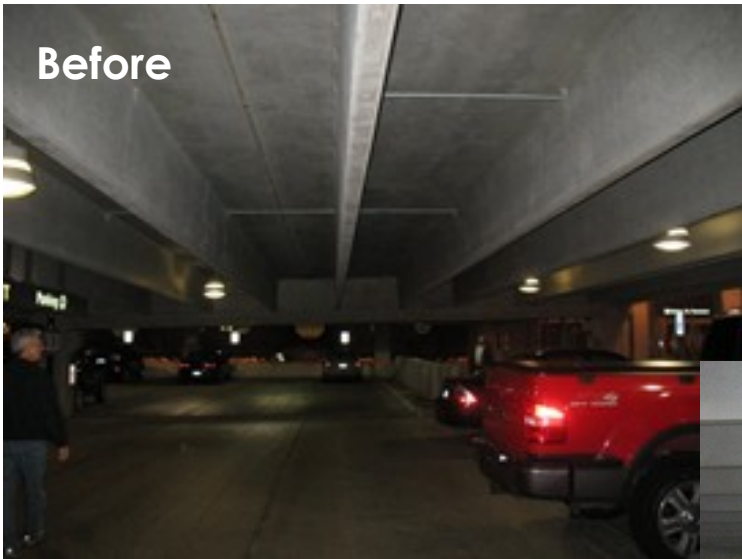
Novus assisted the ACAA with a lighting retrofit of their 580,000 square foot main parking garage. The primary objectives of the project were to:

- Reduce Electricity Costs
- Improve light levels and light quality
- Reduce Maintenance Requirements

Novus reviewed several lighting upgrade options including LED, induction, linear fluorescent and compact fluorescent. Mock-up's were installed for several options to confirm light levels, light quality, and uniformity.

Based on the mock-up results and a cash flow analysis, which included energy and maintenance costs, a T5HO linear fluorescent fixture was selected.

The project received an incentive of over \$50,000 through NYSEDA's Existing Facilities Program. Annual energy cost savings also totaled over \$50,000, providing a simple payback of less than two and one half years. Construction was completed in June 2010.



Before



After

**Albany County Airport Authority
Albany International Airport
Albany, NY**

Completion Date: Summer 2010

Services Provided: 2009-2010

NCP Incentive Received: \$54,325