

Case Study for:
TF Green Airport
Warwick, Rhode Island

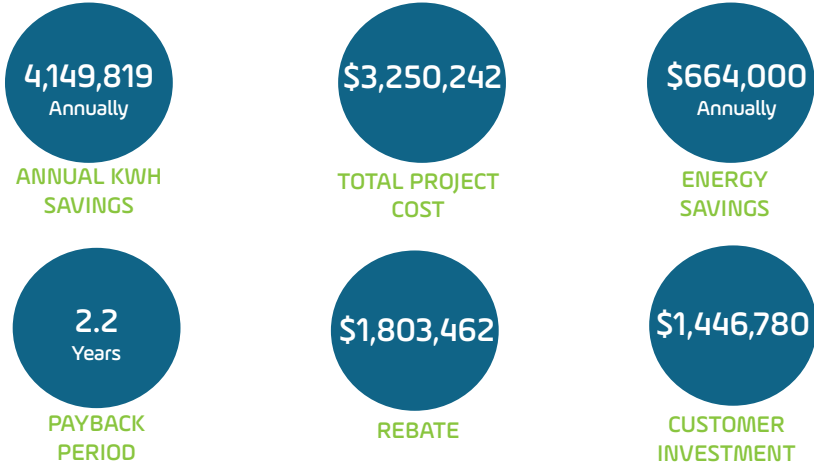


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“Energy Source LLC moved through the project quickly, working well with the different business entities we have at the airport. The installation of LED lighting and control solutions improved the overall light levels, while reducing the overall maintenance costs.”

- Joe DaSilva, Assistant Vice President, Landside Maintenance



OPPORTUNITY

TF Green an international airport, based in Rhode Island, serving nearly more than four million passengers annually, sought to continue its focus toward sustainability and energy efficiency. The airports existing facilities were compromised of antiquated lighting solutions, offering an opportunity to significantly reduce facility operational costs, while improving light quality and enhancing safety for their customers and staff. Addressing interior and exterior areas, totaling over 1.5 million square feet including parking lots, garages, airport main terminal, terminal ramp, baggage and executive offices, TF Green wanted to partner with a solutions provider who could assist project development through turnkey solutions.

SOLUTION

TF Green Airport connected with Energy Source, based in Providence, Rhode Island, to provide comprehensive turnkey solutions. An installation of high-efficiency LED lighting, was combined with advanced control systems including daylight harvesting, motion/occupancy, and dimming capabilities throughout the facility. To optimize performance, Energy Source partnered with National Grid, to assist with various aspects of the program including scope development, budgeting, rebate and project management, helping TF Green easily manage and complete the retrofit program on schedule and on budget. The installation of LED lighting not only improved light output in the facility but also created a more appealing and atmosphere for the public. The sensors installed on each light fixture are programmable through a hand-held remote control making the control features easy to maintain. The extensive retrofit program reduced lighting energy use by 60-80%, saving \$750K annually to achieve a 2.2-year payback while offering superior light quality and output for customer and employee well-being and safety.



PROJECT BENEFITS



IMPROVED SAFETY



IMPROVED SUSTAINABILITY



GUARANTEED ROI

TURNKEY SERVICES

- Scope development
- Budgeting
- Project management
- Incentive procurement