



Project Highlight

Great American Ballpark Hamilton County, OH

AMERESCO 

Energy Efficient Upgrades
Elevate Lighting Quality and
Provide Tax-Payer Savings

Technology Type:

Energy Efficiency | Budget-Neutral Infrastructure
Upgrades | LED Field Lighting | Central Plant
Upgrades | Demand Side Management | Energy
Savings Performance Contract

Facility Size

42,319 seating capacity

Energy Project Size

\$11.1 million

LED Fixtures Installed

12,898

Annual Energy & Operational Savings

\$434,000+



Summary

Ameresco worked with Hamilton County and the Cincinnati Reds' administration and staff to develop solutions to elevate the field lighting quality and fan experience of Great American Ballpark. The project provided substantial operational savings for the stadium, and the budget-neutral energy-saving measures resulted in tax-payer relief of over \$434k annually.



Solution

Significant infrastructure upgrades were made to enhance the ballpark's lighting, HVAC and plumbing systems. Through Ameresco's AssetPlanner™ platform, 48 submeters were installed to analyze multiple commodities in real time and during peak use of the stadium. The savings were tracked through the measurement and verification phase to provide an accurate comparison of the stadium performance with respect to its weather-normalized baseline.

- LED Field Lighting with Controls
- Interior and Exterior Lighting Upgrades
- Water Conservation
- Chiller System Upgrades
- Controls Upgrade
- HVAC and Boiler Upgrades
- AssetPlanner™



Ameresco has made every effort to understand the needs of Hamilton County, the Cincinnati Reds, and Great American Ballpark and to develop, design and implement the best solutions for our facility. This project is the second one that Ameresco has successfully completed for the Stadia & Parking Department and the fifth project that they have successfully completed for Hamilton County. I would recommend Ameresco to any potential energy performance contracting clients without any reservations.



Joe Feldkamp
*Director, Stadia and Parking,
Hamilton County*



Benefits

The project enhanced field lighting and system performance, while providing tax-payer savings for the County. It will also position the County to consider future funding needs by forecasting infrastructure improvements at the facility. This can be accomplished primarily by leveraging energy and operational savings and reducing existing lease required annual payments.

- Improved field visibility for athletes and fans
- Elevated lighting quality to MLB and broadcast television standards
- Saved \$434K+ of tax-payer dollars annually
- Addressed cooling plant issues to increase capacity and avoid costly investment
- Upgraded HVAC system saves energy and enhances fan experience

Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.

