

# CASE STUDY

Client Name:	Marquardt of Barrington Buick GMC
Market Vertical:	Automobile Dealership
Square Footage:	Approx. 174,640 (Lot Size)
Annual kWh Savings:	82,555

## Project Summary:

Marquardt of Barrington was looking to reduce maintenance cost while increasing the luminosity showcasing their vehicles.

Connexion replaced metal halide area lights on Marquardt's light poles with new LED fixtures. Special optics on the LED's were used to strategically position the light instead of the typical "blob" of light that metal halide fixtures produce. These fixtures have a predicted life of 100,000 hours compared to a metal halide's lamp life of 10,000-20,000 hours, which will significantly lower Marquardt's maintenance costs. Through this upgrade Marquardt will see a annual return of 14%, and paying off the investment in just 5.8 years.



We provide complete turnkey services that ensure your project moves seamlessly from concept to completion to measurement and verification.

Initial Assessment:  
Objectives & Needs

Fixture  
& Lamp Selection

Project  
Management

Measurement  
and Verification

As a registered, top Trade Ally with ComEd, Nicor Gas and the Illinois DCEO, Connexion is knowledgeable in all current utility incentive programs and experience in leveraging state and federal energy tax incentives. Whether your next project is in the private or public sector, Connexion will ensure your project earns the maximum incentives available while achieving your organization's objectives for return investment, energy cost reduction, and overall system performance. We provide strong return on investment and sustainable solutions through the implementation of energy efficient technologies.

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