



PATHWAYS & PARKS



Location: Madison, Wisconsin

Client: Madison Gas and Electric Company

Lighting Agent: Enterprise Lighting, McFarland Wisconsin

Project Scope: Solar LED pathway lighting for a community park

Products Used: Carmanah EverGEN™ 1710 solar LED street lights

- 5 systems
- IES Type II distribution—1363 lumens
- Mounting height: 20 ft (6.1 m)

Operating Profile: Split Night, 5hr, 25%, 2hr: The light comes on at dusk at full intensity for five hours, then dims to 25% of full intensity, the light returns to full intensity two hours before dawn.

Benefits: No trenching or environmental disruption required for installation. Fosters public knowledge and interest of solar LED lighting.

“When the Carmanah solution came to our attention the choice was an obvious one. We were impressed with the product’s performance and we knew the EverGEN would provide us with a fantastic showcase of the latest and most innovative solar LED lighting technology.” – Dave Toso, Senior Engineer, MGE





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Requirements: Planning, building, and completing Thut Park was no small feat for the neighbourhood of Waunona in Madison, Wisconsin. This labour of love began when the first parcel of land was given to the City of Madison by the Thut family over twenty years ago. Although the plans for the park had always included a pedestrian pathway, they had not accounted for pathway lighting. While the need for illumination was there, installing conventionally-powered lighting would be expensive and cause environmental disruption.

Waunona approached the Madison Gas and Electric Company (MGE) about installing solar-powered lighting. With a green energy program named best in the United States by the US Department of Energy and Environment Protection Agency, MGE enlisted the help of lighting agents Enterprise Lighting, who recommended Carmanah's EverGEN™ 1710.

Our Solution: Compact and self-contained, the EverGEN 1710 offered both the performance and the aesthetics required for Waunona's new park. Not only does the system avoid costly trenching of power lines during installation, it is designed to install in 30 minutes or less. It also features BetaLED™ Dark-Sky friendly fixtures and an adaptive lighting profile that dims light levels during late night hours—this helps to maintain the park's natural night environment and prevent light pollution.

