



Case Studies

Gantzel Farms

Fuel Station LED Conversion



Verifiable Savings

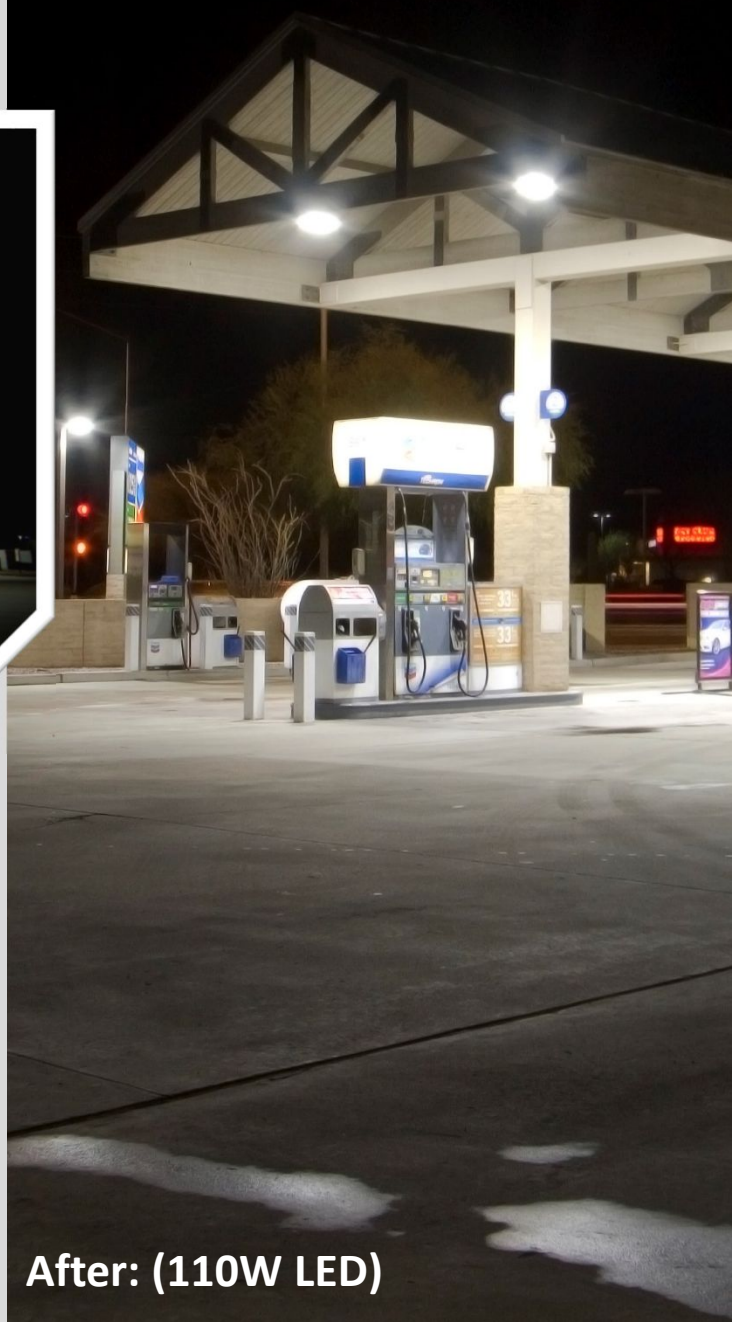
Curb Appeal

- This gas station in Queen Creek, AZ is located at an intersection with other convenience stores in direct competition. The owner realized that his poor site lighting was effecting customer decisions on which store to stop at. PLG began work to develop a turn key project that improved the curb appeal of this location, all while reducing operating costs.



Verifiable Results

- Once installation was complete, PLG went back to the facility and took light readings and electrical meter readings. These results were compared against the projected savings to verify both lighting and financial success of the project:
- **PLG Solution Electrical Load** = 2.56 kW
- **Target Illumination Increase** = 2.3 x
- **Yearly Energy Cost Savings** = \$ 835.80



"This was the best decision I could have made."

- Mike Gantzel, Owner





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By The Numbers:

Energy Reduced: 76%

Illumination Increased: 2.3x

Simple Payback 3.1 Years

Utility Rebate 18% of Project Cost

Lamp Life: 100,000 Hrs

Warranty: 5 years

5 year ROI 50%

10 year ROI: 150%