

Monmouth  
Country Club

# case study

## Solar for a Country Club

**25 year savings estimated at \$344,044**

Monmouth Country Club in Monmouth, Illinois experiences a significant increase in energy usage during the summer months with high member utilization of their amenities. This large system included 82 panels and was designed to offset 95% of their current usage. The club was able to take advantage of several rebates including federal, state and local that will cover 96% of the system cost and offer a financial breakeven within a year. As energy rates continue to increase, this system was a great investment offering the club and its members financial freedom for years to come.



### Project Summary

Annual Energy Usage 46,257 kWh  
Estimated Energy Production 44,107 kWh  
Estimated Solar Energy Offset 95%  
Solar System Size 36.08 kW  
Number of Panels 82



### Return On Investment

**25 year savings estimated at \$344,044**  
96% of system covered through federal and state incentives along with an accelerated depreciation model  
Breakeven ~1 year