

The Ballers Performance Club is a fitness facility located in Maroa, Illinois. The customized solar panel design generates enough energy to cover all of the gym's electricity needs. With 87 panels installed, the system's size of 33.93 kW ensures optimal energy production, aligning perfectly with the gym's annual energy usage and results in a 100% solar energy offset. Furthermore, the financial incentives available significantly enhanced the project's attractiveness and created an impressive return on investment. The breakeven period of approximately three years makes this a financially sound decision for the gym and will cut monthly operating expenses.



Project Summary

Annual Energy Usage 45,280 kWh Estimated Energy Production 45,390 kWH

Estimated Solar Energy Offset 100% Solar System Size 33.93 kW Number of Panels 87



Return On Investment

25 year savings estimated at \$294,984

80% of system covered through federal and state incentives along with an accelerated depreciation model Breakeven ~3 years



