

# DJK Weingarts Sports Club Germany

“Profitability is always top priority for me. The fact that switching to solar and Powerwall not only has financial benefits, but also saves resources, is an amazing side effect”.



**Thomas Theinert**  
Head of Finance, DJK Weingarts

## Opportunity

DJK Weingarts is a local sports club outside of Nuremberg, Germany, that hosts everything from sporting events to wedding and birthday celebrations. In an effort to reduce energy costs and conserve resources, Head of Finance Thomas Theinert was asked to find a more sustainable and cost-effective way to power the club's facilities. They needed to find a solution that could power the floodlights for the football field as well as a large restaurant and kitchen with a capacity of 300 people.

## Solution

Theinert had recently installed solar panels on his own home and was well acquainted with one of the area's largest solar installation companies. He proposed that the sports club install a solar and energy storage system to support the needs of the various facilities. In 2017, the club moved forward with Theinert's proposal and installed the solar panel system along with three Powerwall batteries to store excess solar energy. This installation is just one step of many that the club is taking to become more sustainable. They are also planning to use LED lighting on their fields, offering free solar-powered EV charging during the day, and replacing the team's travel bus with an electric bus. These improvements among others have led the club to plan two additional extensions to their solar and Powerwall system in the coming years.

## Result

The club has been able to reduce its monthly energy costs from 600 Euros to a profit of 20 Euros. And with an average energy output of 35,000 kWh per year, the facility has been able to reach 70 percent self-sufficiency.

## Project Location

Kunreuth, Germany



## System Size

3 Powerwall Units (40.5 kWh)  
39.5 kWp Solar Panels

## Applications

Increase Self-Sufficiency  
Reduce Grid Energy Cost  
Support Electro-Mobility

## Comissioned

2017