

LED LIGHTING UPGRADE AT NORTHMOOR COUNTRY CLUB

ENHANCING PADDLE COURT LIGHTING AND MEMBER SATISFACTION



**OUTDOOR AREA
LIGHTING WITH
BLUETOOTH
NETWORK
CONTROLS**

SUCCESS STORY OVERVIEW

At Northmoor Country Club, a prestigious establishment known for its exceptional amenities, **a critical challenge emerged with the failing lighting** on its paddle tennis courts. This led to member dissatisfaction, prompting an urgent need for a lighting upgrade.

Northmoor engaged OEO Energy Solutions to supply LED fixtures for a **1:1 replacement project, covering all four courts with a total of 32 upgraded fixtures.**

The chosen replacement fixtures were premium outdoor area lights with advanced Bluetooth network controls, significantly funded by **utility rebates secured by OEO, covering 65% of the project cost.**

HIGHLIGHTS

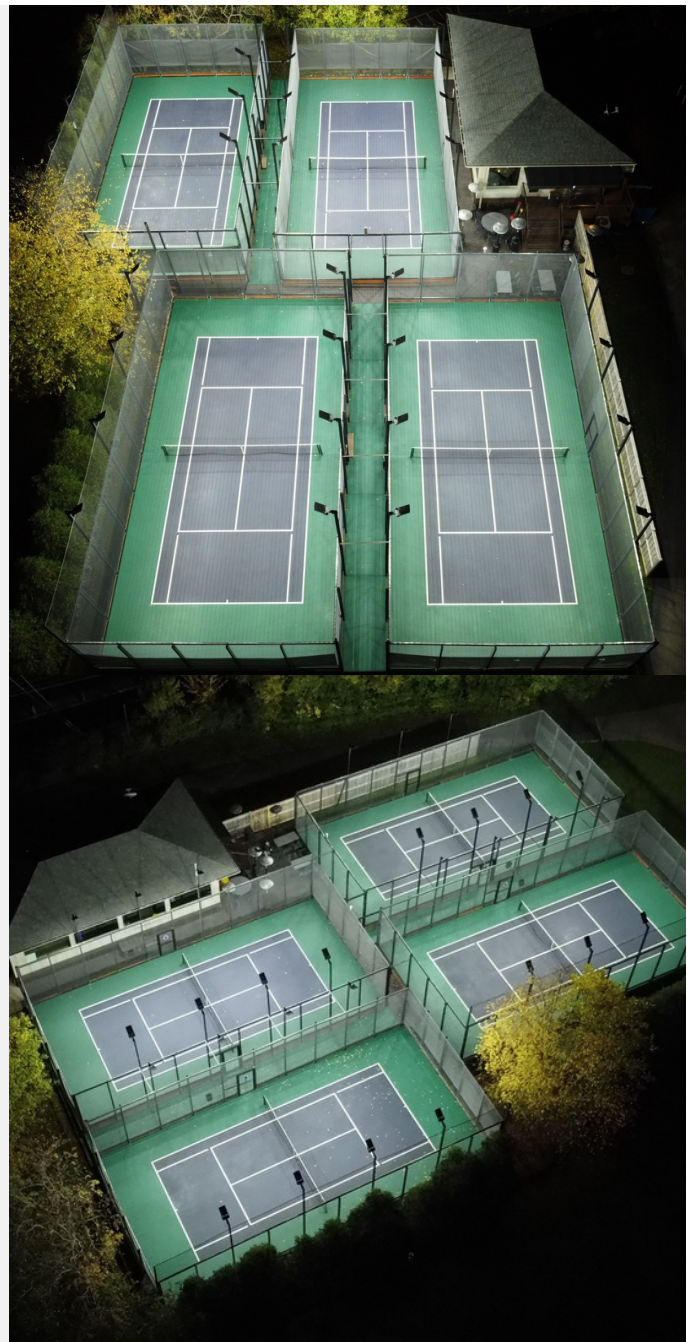
- Upgraded 32 existing LED paddle court fixtures to a new, high-output model with Bluetooth network controls
- Product: LED Area Light fixture with selectable wattage and color temperature
- Utility incentives covered a significant **65% of the project cost**
- Achieved **reduced energy costs** while enhancing light output
- Substantially improved player experience and member satisfaction

The Challenge

Northmoor had previously retrofitted its 1000-watt metal halide fixtures with 360-watt LED retrofit kits eight years ago. Initially effective, **these LED kits began to fail over time, adversely affecting the lighting** on the club's paddle tennis courts. The deteriorating light quality led to **complaints from members and guests**, particularly during tournament play, highlighting a pressing need for an upgrade.

The Solution

OEO proposed a high-output LED fixture replacement, integrated with Bluetooth network controls which not only offered color selection capability but also greater LED efficacy. The **Bluetooth network controls** also added significant benefits, such as **dimming, scheduling, individual fixture controls, and zone control capabilities**, all manageable via wall-mounted stations and a smartphone app.



THE RESULTS

The installation of new fixtures revolutionized the lighting on the paddle courts. The improvements included enhanced dimming capabilities, individual fixture control, and court-specific lighting management.

This upgrade not only **reduced energy consumption** with lower wattage fixtures but also offered better, more consistent lighting. The timing was impeccable, coinciding with the onset of shorter days, dramatically improving nighttime playing conditions. **This upgrade substantially boosted player experience and overall member morale.**

IMPROVED LIGHTING

INCREASED MEMBER SATISFACTION

REDUCED ENERGY COSTS

CUSTOMER TESTIMONIAL



“Since we completed the installation of our new LED lights, Club members have been giving rave reviews of the lighting – much better, more consistent lighting on the courts. The Bluetooth controls allow us to dim the lights and control each court (and fixture) individually. So much better than the old LED retrofits we had out there. Thanks OEO!”

