

CASE STUDY: SPORTS COMPLEX ENERGY | LED LIGHTING

“We couldn’t be happier with our new lights.” ~ Co-owner, Force Sports



CHALLENGE

Force Sports was in the market to reduce operating costs for six indoor sporting complex locations. The electricity needed to heat, cool, and light their facilities was one of their largest expenses, averaging over \$12,000 monthly. Force Sports needed a way to reduce both their billed electricity rate and energy consumption.

Additionally, they needed someone who could handle the entire process from providing a comprehensive solution, to rebate filing and completed installation.

SOLUTION



TPI Efficiency recommended Constellation Energy's "Efficiency Made Easy" (EME) program which allows businesses to pay for efficiency measures directly on their utility bill, off-book, with no up-front capital.

With TPI's help, not only did Force Sports receive \$41,814 in rebates to spend as they please, Constellation advanced payment for all lighting materials and installation. TPI also negotiated a reduced electricity rate to realize a savings of over \$1,900 per month during a 1.9 year payback. After the payback period, Force Sports will save over \$7,200 monthly for the lifetime of the bulbs.

RESULTS

Payback/ROI	1.9 years
Annual Savings During EME	\$22,980
Annual Savings Post EME	\$86,984
Annual Energy Savings kWh	570,840 kWh

CASE STUDY: SPORTS COMPLEX EMISSIONS IMPACT

REPLACING



REDUCING



Nearly 50% carbon emissions
reduced from 871 Metric Tons

EQUALING



Passenger vehicles
driven for one year



Pounds of
coal burned

WHICH WOULD TAKE



Source: [www.epa.gov/
energy/greenhouse-gas-
equivalencies-calculator](http://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator)