



CASE STUDY

# ST. PAUL INTERNATIONAL AIRPORT, MN

TECHNOLOGY TYPE

ENERGY EFFICIENCY  
ENERGY SAVINGS PERFORMANCE CONTRACT  
LED LIGHTING  
SOLAR ENERGY

FACILITY SIZE

2.8  
MILLION SQ FT

ESPC ENERGY PROJECT SIZE

\$25.4  
MILLION

SOLAR CAPACITY

3  
MW

POSITIVE ANNUAL CASHFLOW

\$170,000<sup>+</sup>

## SUMMARY

The Minneapolis St. Paul international Airport (MSP), owned and operated by the Metropolitan Airports Commission (MAC), partnered with Ameresco to upgrade the airport's energy sources and meet its sustainability and financial goals.

## SERVICES PROVIDED

The Metropolitan Airports Commission and Ameresco collaborated to deliver an innovative solar project with green energy sources and lighting upgrades to MSP.

- 3 MW custom built solar energy structure with over 8,705 panels
- 7,743 light fixtures converted to LED technology
- 8 electric vehicle charging stations installed



“The Metropolitan Airports Commission has worked... To operate Minneapolis-St. Paul International Airport as sustainably as possible. This... project will create jobs, reduce the airport's carbon footprint, and improve the... Financial bottom line.”

Jeff Hamiel

*Executive Director and CEO, Metropolitan Airport Commission*

## CUSTOMER BENEFITS

With the project solutions, MSP upgraded to solar energy and LED lighting, creating more annual cost savings. The project was completed on time despite the harsh weather conditions and unique lighting regulations presented.

- Saves the equivalent of 6,813 metric tons of CO<sub>2</sub> per year
- 30 year net present value is over \$10,000,000
- 20 year guarantee with operations and maintenance services
- Local union labor and local product companies utilized during construction
- Over 250 jobs created during construction project

For the full story, visit: [ameresco.com](http://ameresco.com)