



MINNESOTA

AMATEUR SPORTS COMMISSION



**National Sports Center
Super Rink Solar Arrays**

OVERVIEW | MASC and the NSCF

The Minnesota Amateur Sports Commission (MASC)

- ⊕ Created in 1987 by State of MN-vision of Gov. Perpich
- ⊕ Lobbies Legislature for athletic project funding
- ⊕ Grant Administration (Mighty Ducks, Skate Parks, Hennepin County Youth Sports)

The National Sports Center (NSC) Foundation (501 c3 non-profit)

- ⊕ Created in 1990 by State of MN/MASC to manage NSC
- ⊕ ~\$15M~ annual budget
- ⊕ \$0 in operational subsidy from the State of Minnesota
- ⊕ Partners with over 70 Private Businesses
- ⊕ USA CUP hosts up to 16,000 athletes from 20 different states and countries
 - ⊕ Largest Soccer Tournament in Western Hemisphere
 - ⊕ Tournament generates over \$3M in Revenue
 - ⊕ Drives \$28M in Economic Impact over 10 Days

Major Tenants



The NSC Complex | Economic Statistics

- ⊕ 4.1 million visitors
- ⊕ Current Value: \$183.36 million¹
- ⊕ Over \$70M in deferred maintenance
 - ⊕ \$39M categorized as "Crisis"
- ⊕ Profit Margin < 5% of annual budget
- ⊕ Over \$1 Billion in Economic Impact generated since 1990
- ⊕ Generates over \$1M in sponsorship
- ⊕ \$89M in annual Economic Impact
 - ⊕ (2019 – pre-COVID)

The NSC Complex | Physical Statistics



- ⊕ 700-acre campus
- ⊕ Most visited sports facility in Minnesota
- ⊕ Largest Sports Complex in the World
- ⊕ 60 Soccer Fields
- ⊕ Second Largest Ice Arena in the World
- ⊕ Over 175,000 sq. ft. indoor turf
- ⊕ 18-Hole PGA Tour Designed Golf Course
- ⊕ Minnesota United Training Facility

¹State of Minnesota. Department of Administration. *Minnesota enterprise real property facility condition assessment (FCA) report. 2022*

2023 MASC Legislative Strategy/Staff Draft Recommendations

1. National Sports Center Asset Preservation (Blaine) \$ 24.5 Million

The 2020 Facility Condition Assessment performed by Minnesota Management and Budget (MMB) found Issues such as the ones listed below are now reaching poor to critical levels. This report recognizes the cumulative deferred maintenance on the NSC campus to be \$70 million. Nearly \$52 million falls into the adjusted deferred maintenance categories.

Mold Remediation	Flood Plain Mitigation
Life safety / Energy Efficiencies	Storm water Management
Building Envelope Replacement	Water Supply Replacement
Mechanical Systems Replacement	

2. Net Zero Campus Initiative \$ 23.4 Million

The directive from the Administration has been to identify energy efficiencies and Net zero opportunities within the state building system. The request would be a comprehensive approach to accomplishing this within the NSC Campus.

Solar Arrays	Water Retention and Reuse
Energy Storage	Microgrid

3. MASC Sales Tax Rebate \$.4 Million

Statutory change to allow the MASC to be rebated all taxable revenue generated at the NSC by the Non-profit. The MASC currently has authority to retain all tax revenues generated by "series of statewide amateur athletic games".

4. MASC Land Sale Proceeds Language \$.4 Million

The MASC is asking for language to keep the land sale proceeds from the City of Blaine that would leverage a \$4.0 million investment into the National Sports Center campus.

5. Mighty Ducks \$ 5.0 Million

Funding would allow the agency to continue the administration of the Mighty Duck Grant Program (aka James Metzen grant program) established 2016 for the purpose of providing funding assistance to local communities for indoor air quality and R-22 refrigerant replacement in ice arenas

6. National Sports Center – North \$ 2.59 Million

- A. Completion of field construction
- B. Site improvements
 - Ensure State code compliance
 - Local building ordinance Compliance

7. St. Paul Regional Sports Center/Planning (St. Paul) \$.329 Million

The proposed regional sports center in St. Paul will be an athletic complex designed for multiple sports. Planning monies are needed to develop a site plan for parking access roads, rest rooms and related ancillary items related to the project.

Super Rink Solar Project Overview

The Minnesota Amateur Sports Commission and the National Sports Center Foundation seek to develop solar energy installations across its campus that are visible to the public, reinforce the sustainability goals of the NSC mission, and represent cost savings for the use of electricity.

The Super Rink in Blaine is the only ice arena directly owned by the State of Minnesota. The facility is under the jurisdiction of the Minnesota Amateur Sports Commission and is operated by the National Sports Center Foundation. The first four sheets of ice were opened in 1998 and the second four sheets opened in 2006. It is the second largest ice arena in the world. The rink sees over 2,000,000 visits per year and is a significant contributor to the National Sports Center's annual economic impact statistics.

- The eight sheets of ice at the Super Rink annually consume approximately 1,0310,000 kWh at a cost of approximately \$932,400.
- The cost of energy is primarily borne by participant fees, the majority of which come from the parents of youth hockey players and figure skaters.
- There is no operating subsidy for the rink from the State.
- The cost of the solar arrays for the rink roofs is \$2.64M. Add in the new maintenance facility and that price is \$2.97 for arrays only.
- The cost to replace the roofs prior to installing solar is approximately \$825K for the front and \$825K for the back. Total for roofs is \$1.65M.
- The energy produced would be (rounded) 1,800,000 kW for the roof arrays.
- These production numbers represent an 18% reduction of the total energy consumption of the rink. Annual savings are approximately \$160,000 or \$180,000.
- The savings over the 25-year life expectancy of the solar arrays would be \$4,000,000 to \$4,500,000.