CLIMATE INNOVATION FINANCE AUTHORITY

Rooftop Solar Powers Museum and Educates Public

MnCIFA FINANCING:

$250K loan

with 7-year term

MMAM
MINNESOTA MARINE ART MUSEUM

Developed by
BlueSky Electric, LLC

PURPOSE

Minnesota Marine Art Museum (MMAM) project to install 163.8 kW of rooftop solar. The solar panels are estimated to generate over 177k kWh per year. Total project costs: $373,300. Loan repayment to MnCIFA will be partially based on federal Investment Tax Credit funds.

ENERGY SAVINGS

- Solar power generated will cover about half (50%) of MMAM's annual electricity needs.
- MMAM's utility savings: estimated $33,000 per year.
- The rooftop solar is anticipated to have 25 years of useful life.

MMAM SAVES ENERGY + EDUCATES PUBLIC ABOUT RENEWABLE ENERGY

MMAM's rooftop solar will provide multiple benefits for the nonprofit and community:

- MMAM plans to demonstrate how art, culture and sustainability intersect.
- The rooftop solar is part of a broader strategy by MMAM to elevate the role of the arts and culture industry in climate responsibility and accelerating the adoption of renewable energy.
- MMAM educational programming will leverage the rooftop solar as an educational resource.
- Solar panels for the project were provided by Heliene, a Minnesota-based manufacturer, and have a strong hail rating to survive storms.

ABOUT MMAM

- 501(c)(3) nonprofit, founded in 2006, located in the City of Winona, MN, on the banks of the Mississippi River.
- Draws over 35,000 visitors annually.
- Almost 8,000 visitors annually participate in arts education programming.
- Showcases art inspired by water and stories about life on the river.
- More info: mmam.org

PROJECT SUPPORT

- MMAM community: 1,000 members, donors and sponsors.
- Frankenthaler Foundation Climate Initiative
- Morgan Family Foundation