



Project Highlight

Moorhead Area Public Schools, MN



Leveraging Data Stewardship to Enable Decision-Making & District Facility Management

Technology Type:

AssetPlanner® | Facility Condition Assessments |
First Responder Maps | Maintenance Planner |
360° Floor Plans | Fault Detection & Diagnostics

Facility Size

1.8 million square feet

Project Term

5 years

Estimated Annual Labor Offset

4,200 hours

Annual Operational Time Savings

~300 hours



Summary

Working with Ameresco and its proprietary AssetPlanner® platform since 2021, Moorhead Area Public Schools have transformed how they manage a complex, multi-use facilities portfolio. By replacing fragmented data with a centralized, continuously updated system of record, the project enabled district leadership to shift from reactive maintenance toward strategic, data-driven capital planning—critical in the face of aging infrastructure, constrained budgets, and rising operating costs. The integration of asset intelligence with immersive 360-degree visualization has strengthened both operational efficiency and emergency preparedness for the District.



Solution

Moorhead Area Public Schools utilizes a fully integrated platform consisting of AssetPlanner®, Maintenance Planner, Digital Twins using 360 Floor Plans to manage its facilities portfolio. By consolidating asset data across multiple building types, the platform supports both day to day operations and long term capital planning while enhancing emergency preparedness through improved visualization and coordination. A subsequent phase includes a multi-stage data migration approach designed to maintain consistent data access and keep a retrofitted high school fully operational throughout construction. The project included the following solutions:

- Comprehensive asset condition assessments and lifecycle tracking
- Maintenance planning and scheduling optimization
- 360-degree facility visualization for remote access and planning
- Capital planning and renewal prioritization tools
- Emergency management planning and coordination support



With Ameresco at our side, we have successfully transitioned from a reactive model to one that is proactive and preventative. Looking ahead, our focus is on advancing to a predictive approach—reducing life cycle costs while continuing to enhance the quality of teaching and learning environments across our schools. Ameresco will be a part of our future.

Steve Moore,

Executive Director of Facilities and Emergency Management



Benefits

The implementation of AssetPlanner® provides the District with live, centralized access to facility data, enabling clearer visibility into building conditions and system performance. The platform supports more confident evaluation needs, informed funding decisions, and stronger transparency for planning and audit purposes, while reducing the time and resources required for on-site assessments. Additional benefits of the project include:

- Data-driven prioritization of capital and renewal projects
- Increased transparency and defensibility for budget planning
- Reduced site visits through 360-degree virtual access
- Labor and time savings in maintenance and inspections
- Enhanced emergency preparedness and response planning



Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.