The purpose of the Morris Model team is to grow our shared sustainability aspirations. We are focused on energy conservation, clean energy, community resilience, cultural exchange, and celebration. We believe Morris is a model community in Minnesota and the world and that we can continue to grow this leadership.

**ENERGY CONSERVATION**
- City streetlights and all city buildings have been converted to LED lighting.
- UMM lighting across campus is being converted to LEDs.
- The Green Prairie Community solar panels make 20 kW at maximum production.
- By switching to LED lighting in Oyate Hall, the competition pool, Camden Hall, and the Science Auditorium, we have reduced more than 22 kW! These improvements generate thousands of dollars in savings annually.

**CLEAN ENERGY**
- Two 1.65 MW wind turbines
- 3kW solar PV array near Science Building
- 20kW solar PV array near Green Prairie Community Residence Hall
- Solar thermal system at Regional Fitness Center heats recreational pool
- Biomass gasification combined heat and power plant
- UMM worked with partners to launch the Healthy Tree Canopy initiative in Morris; UMM was the first location to participate.

**COMMUNITY RESILIENCE**
- The goal of the Morris Model is to ensure a safe, clean, and healthy future. Our goals for resilience include:
  - The NINE MORRIS MODEL GOAL AREAS
    - Extreme Weather Planning
    - Energy Efficiency Practices
    - Resilient Infrastructure
    - Climate Education
    - Community Garden
    - Rain Gardens
    - Expanding Renewable Energy
    - Alternative Transportation
    - Healthy Tree Canopy

**CULTURAL EXCHANGE**
- Morris signed a climate protection and sister-city agreement with the city of Saerbeck, Germany. The goal is to exchange sustainability-related knowledge, including clean energy solutions and adaptation to climate change.
- The city of Saerbeck is known for its renewable energy park—built on the grounds of a former German ammunition storage facility. The park combines wind, solar, and biomass energy production and can produce 250 percent of the energy needed to power Saerbeck.
- Morris is one of five cities in Minnesota to participate in the Climate Smart Municipalities program, which pairs Minnesota municipalities with award-winning climate-smart communities in Germany to accelerate progress toward a cleaner and more efficient energy footprint.

**CELEBRATION**
- UMM and partners earned the Environmental Initiative Award for Community Action in 2015.
- The City of Morris, in partnership with UMM, earned the Clean Energy Community Award in 2016.
- UMM earned the Minnesota Climate Adaptation Award for Institutions in 2017.
- The City of Morris earned GreenStep City 2 certification in 2019.

**PARTNERS**
- University of Minnesota, Morris
- Southwest Regional Sustainable Development Partnership
- City of Morris
- Stevens County
- University of Minnesota West Central Research and Outreach Center
- Horizon Public Health
- Morris Area Schools
- Minnesota Pollution Control Agency
- Institute for Agriculture and Trade Policy
- Jefferson Center

**PROGRESS**
- LED streetlights have been implemented throughout the City of Morris.
- UMM compacts 40 tons of organics each year in its on-site composting program.
- 70% of UMM’s electricity is generated by wind power.
- UMM and the Morris Area Schools have educational gardens that promote healthy eating, community, and outdoor activity.
- The city and UMM have been working together to build a healthy tree canopy in Morris. They have been awarded Tree City and Tree Campus USA recognition.

**PLACE**

**PREPARATION**
- As a comprehensive campus-community partnership, the Morris Model strives to improve our coordinated efforts to prepare our community for Minnesota’s changing weather. As our weather changes, it is necessary to modify our emergency preparations to the realities of more severe tornadoes, floods, lightning storms, and blizzards.