

Minnkota Power Cooperative Facility



Grand Forks, ND

Year Completed: 2017

Electrical Construction: \$5.3 M

Total Project Cost: \$65 Million

Project Manager: Dale Hagen

Architect: EAPC Architects/Engineers

General Contractor: Industrial Contract Services



This 250,000 sf new construction project for Minnkota Power Cooperative included spaces for a corporate center, operations center, warehouse, equipment garage and maintenance facility. This facility sits on a 70 acre lot and employs about 200 personnel.

The new complex will allow employees to work from a single location with more efficiency and to meet an increasing number of security and compliance obligations. The new building design includes safeguards against physical and cybersecurity threats.

Bergstrom crews started on the project in October 2015 with a crew of 4 that built to a crew of 16 during peak periods.

The 28 month scheduled project was completed on time and on budget. Bergstrom Electric served as a subcontractor of (ICS) Industrial Contract Services on this project.

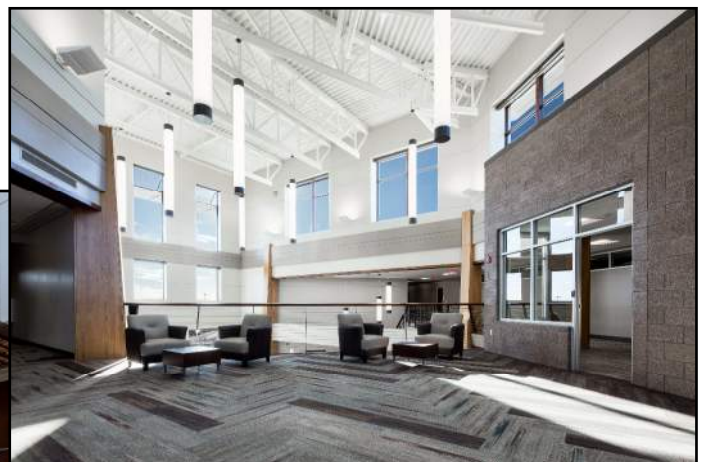
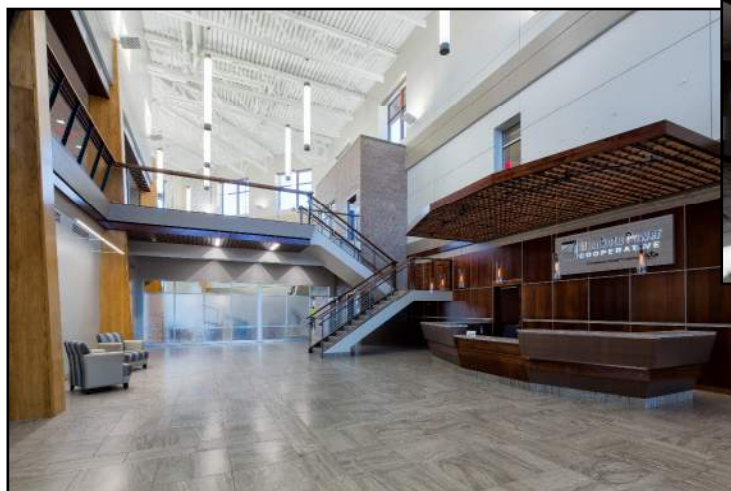
The electrical portion of the project included:

- A 3,000A, 480/277V service for the garage area
- A 1,200A service for the boilers
- A 1,000A service to supply power for the warehouse

- A 1,000A service for the corporate office area
- 2 Generators, one 400Kw and one 200Kw
- A large UPS system with associated inverters, charges and battery room
- Over 212 miles of wire and 31 miles of data cable
- 2,400 light fixtures
- 175,000 feet of conduit

And complete installation of:

- Lighting control system
- Including a daylight/occupancy system
- Access control system
- Security system with cameras
- Data Communications system
- Sound systems
- Temperature control system
- Fire alarm system



The project required about 40,000 man-hours of work and was completed in December of 2017

