

Project Brief



Madison Generating Plant City of Madison, South Dakota

- 10 MW Diesel Generation Plant
- Five 2,000 kW, 13.8 kV generator sets
- Combined generation plant and substation project

The project included full services for the construction of a new generation plant and substation. Cost savings for the Owner were achieved by combining a substation project and a generation plant project, in order that shared facilities could be constructed.

DGR services for this project included project feasibility, environmental permitting, engineering design, material procurement, and construction administration.

- The Responsibility and involvement in all phases of the project, from project feasibility to final testing and checkout.
- Designing both a generation plant and a substation into one project, in order that certain facilities could be shared and construction efficiencies could be realized.
- Design of a fully automated generation control system and interface with the City's SCADA system.