

JUDITH GAP WIND FARM GSU SUBSTATION

INVENERGY
CHICAGO, IL
MR. BRIAN SCHUELER

PROJECT COST: \$2,400,000
COMPLETION DATE: 2005
PHONE: (312-224-1400)

Project Description

EPC Services provided project management for the engineering, construction and testing services for the Judith Gap Substation located near Judith Gap, Montana. This new 230/34.5 kV substation consists of one (1) 180 MVA transformer, seven (7) 34.5 kV breakers as well as all switch and bus work required for a complete system. To complete this task EPC Services teamed up with Electrical Consultants Inc. and Wilson Construction.

ECI was responsible for preparation and delivery of the entire physical and electrical drawing package, including the preparation of construction specifications. In addition, ECI provided relay and protection system testing services.

EPC procured all materials and equipment, provided construction management and performed all apparatus testing.



Judith Gap Substation

KEY FACTS & HIGHLIGHTS

- ◆ 230-34.5 kV SUBSTATION
- ◆ 34.5 kV BREAKERS
- ◆ 34.5 kV URD TURBINE CONNECTIONS
- ◆ 230 kV / 34.5 kV 180MVA TRANSFORMER
- ◆ PROJECT MANAGEMENT
- ◆ CONSTRUCTION INSPECTION SERVICES
- ◆ COMPLETE START-UP AND TESTING



Judith Gap Substation

◆ Engineer - Procure - Construct ◆