



Ashuganj East Power Plant

Combined Cycle Power Plant

Project Description

- 400 MW single-shaft combined cycle power plant



This project is an important investment helping to secure the national energy demands of Bangladesh

Role & Scope

INP with its highly flexible and competent commissioning experts took charge of the entire electrical system commissioning comprising of the following parts:

- UPS, Battery- and DC Backup-System
- Low Voltage Switchboard and Motor Control Center (MCC)
- Medium Voltage Distribution and protection systems
- Unit transformer protection, Siprotec-4, 7UT6
- Main- and auxiliary Transformers and
- Generator protection System, Siemens Siprotec-4, 7UM62
- Paralleling and synchronization equipment, Siemens Siprotec-4, 7VE6
- Configuration and testing of the static excitation equipment (SEE) and starting frequency converter (SFC), type Siemens Thyripol T3

Technical Component Details

- Siemens Siprotec-4: 7UT6, 7UM62, 7VE6 protection relays
- Siemens Thyripol T3 Starting Frequency Converter (SFC) and Static Excitation Equipment (SEE)
- Gas turbine: SGT5-4000F
- Generator: SGen5-2000H
- Steam turbine: SST5-3000

REFERENCE



Customer: **Siemens Energy**



Location: **Ashuganj, Bangladesh**



Project Duration: **14 months**



Services: **Electrical Commissioning**

"With broad knowledge, positive mindset and excellent team effort the INP experts played a very vital role in successfully completing this challenging project."

**MARK, CHIEF COMMISSIONING
MANAGER**
SIEMENS ENERGY