



Sudair Solar Power Facility

Renewable Energy

Project Description

- 1500 MW solar plant
- Saudi Green Energy Initiative



This solar plant is expected to provide 70% of the country's total renewable energy by 2030

Role & Scope

The assignment was completed in a very short period, thanks to the broad installation know-how and flexibility of the INP expert.

- Mechanical erection and installation of the GIS (Gas Insulated Switchgear) components including placement of steel supports and interconnection of GIS components to the Local Control Cubicle (LCC)
- Installation planning and quality control
- Managing and supervision of technical workforce
- Coordination with SEC and EPC contractor for smooth installation

Technical Component Details

- Switchgear Type_ELK3/420kV
- 21 BAYS with double busbar and Bus section AC001 and AC002
- 2 x HGIS connection to the Reactors HGIS AC01 and HGIS AC02
- 42 x HV bushings exits

REFERENCE



Customer: **Hitachi Energy Ltd**



Location: **Saudi Arabia**



Project Duration: **4 months**



Services: **Installation**

"We were impressed how the INP expert completed the assignment with top professionalism ensuring Hitachi's high quality standards."

STEFAN, PROJECT LEADER
HITACHI ENERGY LTD