GE achieves India's first 3000 MW transmission
KURUKSHETRA CHAMPA “UHVD Link PROJECT”

First project in India to deliver 3000 MW transmission using HVDC

The link forms 1365 km energy highway, augmenting the inter-regional capacity between Northern and Central India

Project improves power connectivity for an estimated 46% of India's population

Executed in two phases, GE's 800 kV UHVD project will transport 6000 MW of power upon full completion

India

4th fastest growing economy of the world

Doubling by 2040, Indian's energy consumption will account for 25% of the rise in global energy use

Installed capacity surges from 290 GW today to nearly 1100 GW in 2040

240 million people still have no access to electricity

Understanding the Project

Kurukshetra, Haryana

Champa, Chhattisgarh

GE Converter Station Converts from AC to DC

Power Producers in Central India

Phase I—Two Poles, 1500 MW Each (Complete)

Phase II—Two Poles, 1500 MW Each 2018

Kurukshetra, Haryana

GE Converter Station Converts from DC to AC

Demand Centers in Northern Region

HVDC Project Scope

Delivered 32 Converter Transformers

24 Double Thyristor Valves

400/220 kV gas and air-insulated switchgear

GE’s AIS 800 kV high speed Direct Current (DC) switch