

Substation Details - 220KV Sagapara SS

1. Geographical data and Climate data

Location	: 220KV Sagapara Substation
National Highway	: N.A
Nearest Railway station	: Palitana
Nearest domestic Airport	: Bhavnagar
Nearest International Airport	: NA
Altitude above sea level	: 67 mtr
Ambient air temperature	: 28 'C
Humidity	: 57%
Seismic Zone requirement	: N.A
Wind Velocity	: 10-15 mph
Average Rain Fall	: 610mm
Environmental conditions	: Yearly temp.30.66'C, 22.9 rainy days

2. Substation data –

Fault Level	: 220KV Bus - Maximum 5279.31 MVA,
Transformer Details	: 220/66 kV 100MVA TR-1,2,3