



सपन 2023 INDIA
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आजादी का
अमृत महोत्सव



Traction Distribution Department



North Western Railways, Bikaner Division.



INTRODUCTION :



First electrification work in Bikaner Division was completed between Rewari – Kosli (Double Line) section in year 2017. First electric traction train on Bikaner division was introduced on 25.05.2018 from Bhiwani to Rohtak. Electrification work of Bhatinda – Hanumangarh – Suratgarh- Bridhwal section, Rohtak – Bhiwani, Bhatinda – Hisar – Rewari, Rewari to Sadulpur, Sadulpur to Hanumangarh, Sadulpur to Ratangarh, Ratangarh to Benisar, Ratangarh to Sardarshahar, Hisar to Sadulpur, Bridhwal to Lunkaransar, Hanumangarh-SriGanganagar-Gajsinghpur and Benisar - Bikaner East cabin – Bikaner- Lalgarh, Lalgarh-Nokhra - Phalodi , Suratgarh- Gajsinghpur incl. Sarupsar - Anupgarh section is completed.

ACTIVITIES



- Maintenance of Traction power supply installations.
- Maintenance of Traction Overhead equipment.
- Supervisory Remote control System.
- Construction/modification activities pertaining to this division.
- Monitoring of energy conservation in Electric Traction.
- Monitoring of Railway Electrification works.



Special feature of SCADA:



- PC based computer remote control system with the advanced features installed at Bikaner.
- All operations of Circuit Breakers, Interrupters etc., situated in the sub stations over the length of Railway lines in Bikaner division can be remotely operated from the Divisional Control Office by simple commands through keyboard/mouse.
- The status of different equipment and values of voltages and current are continuously monitored and displayed on the video monitors attached to the operator workstation.