Enhancing power quality for India’s longest freight train network

Power quality solution for high speed freight corridor in western segment, covering a distance of 1508 kms

- 23 traction substations installed with power quality solution, Power quality compensator - Reactive (PQCR)

- Reactive power compensation
- Voltage stability
- Optimised Operating Costs
- Compliance to grid codes and avoidance of penalties

- 2 sets of 0 to 5 Mvar variable dynamic reactive power PQCR panels per TSS
- Total 230 Mvar of dynamic reactive power compensation system for 23 TSS
- Operating at 55 kV Voltage level

- 15,000 tons of loads
- Container capacity of 400 units per train
- Maximum speed upto 100 kmph

Dadri, Northern India

Mumbai, Western India