

## Electrification of Tunnel of Hope in J & K

India's longest tunnel, spanning nine kilometres, the Chenani – Nashri or Patnitop Tunnel was developed by IL&FS Transportation Networks Ltd. (ITNL). Sterling and Wilson, an EPC company and part of the ShapoorjiPallonji Group was involved in the design, built, turn-key solutions for electrical 11 kV substation, distribution and ancillary works for the four-lane tunnel, which connects Chenani to Nashri across section of NH-1A. Opening of this tunnel will impact lives of over 1.22 Crore people in the state of Jammu and Kashmir, bringing Kashmir closer to the rest of the country.

Sterling and Wilson completed the electrification and cabling for fully-integrated control systems – such as communications, power supply, incident detection, SOS call box and fire-fighting. The company also

designed and installed a two-tier illumination system, which will be operational around the clock for 365 days a year, with provision for variable frequency drives for ventilation systems.

