

## Soft starters for the Oil & Gas Industry

Driving Centrifugal Booster Gas Compressors  
Motor ratings: 11000V, 232A, 3.8MW  
Mumbai South Platform, India



HRVS-DN, 11KV/300A

160Km off the coast of Bombay the Oil & Natural Gas Corporation of India is developing the Mumbai oil field. Engineers designing the project called on Solcon to soft-start these four 11KV 3.8MW motors powering Centrifugal Booster Gas Compressors. The motors drive the compressors through a gear unit allowing the compressors to turn at 9300 RPM. Solcon soft-starters eliminate the high mechanical starting torque that would otherwise jar the motor shaft and gear unit and also eliminates the high inrush electric current that would otherwise interfere with the electrical distribution system.



Motor: TEMIC (Toshiba & Mitsubishi) 11,000V, 232A, 3.8MW, 1480RPM, 50Hz  
Load: Centrifugal Booster Gas Compressor driven by 6:1 gear unit. Compressor speed is 9300RPM