



Mr. Sudhansu Sekhar Barpanda

Sudhansu Sekhar Barpanda, is a Graduate in Electrical Engineering from University College of Engineering (now Veer Surendra Sai University of Technology), Burla. After a brief stint in NTPC, he joined Central Electricity Authority in 1988 and was posted at Eastern Regional Electricity Board, Kolkata. He joined POWERGRID in 1995 with transfer of Load Despatch function to POWERGRID.

During his tenure at Eastern Regional Load Despatch Centre, Kolkata, and National Load Despatch Centre, New Delhi, he looked after diverse functions like power system operation, operational planning, power system studies, protection, scheduling, energy accounting and settlement, open access in inter-state transmission, transmission pricing, regulatory affairs, ancillary services etc.

In Eastern Region, his base-work facilitated implementation of Availability Based Tariff, a paradigm shift in system operation. He played a major role in synchronous inter-connection of all regional grids i.e. simulation studies, coordination with neighbouring regions on issues like protection, communication, metering etc.

He joined National Load Despatch Centre in 2008 and played a vital role in implementation of a number of power sector reforms such as Transmission Pricing (PoC mechanism), Renewable Energy Certificate mechanism, Ancillary Services, Revenue Stream for System Operators, Capacity Building and Certification of System Operators, Electricity Market Design, Power Exchange etc. As member of Joint Operation Committee / Joint Technical Team with neighbouring countries, he was instrumental in enhancing level of cooperation.

As head of Northern Regional Load Despatch Centre during the period 2018 to 2020, his major emphasis was on reliable system operation and automation of various processes.

As Director (Market Operation), POSOCO since July 2020, he is responsible for Power Market related activities including reforms and changes in market design.

He has visited a number of countries and authored / presented a number of papers in national / international conferences.