

Brief of Pankaj Batra, Chief Engineer (Regulatory Affairs), CEA

Shri Pankaj Batra did his B.Tech in Electrical Engineering from Institute of Technology, Banaras Hindu University, in the year 1981. He also did his Diploma in Systems Management from NMIMS, Mumbai, Diploma in Financial Management from IGNOU, New Delhi and Diploma in Public Speaking from Nazareth Speakers Academy, Mumbai. He passed the Combined Engineering Services Examination conducted by Union Public Service Commission, was selected in the Central Power Engineering Service and posted to Central Electricity Authority (CEA) in 1983.

He worked in the Western Regional Load Despatch Centre (WRLDC) as a System Operator for about 4 years and was also involved in the preparation of various technical reports on Western Regional Grid operations. He also worked in the Commercial Division of Western Regional Electricity Board (WREB), wherein he dealt with various commercial matters including the Availability Based Tariff (ABT) and frequency-linked Unscheduled Interchange (UI) charges.

He was deputed by Govt of India to Chukha Hydro Power Corporation in Bhutan in August, 1991, where he joined as Executive Engineer (Operations), responsible for operation of the Power House, Switchyard and Dam. He also later worked as Executive Engineer (Transmission), where he was responsible for operation and maintenance of transmission and distribution system of Bhutan and also erection of the first 220 kV station in Bhutan at Thimphu.

After return from deputation in January, 1996 he was posted in the CEA Headquarters in New Delhi in Grid Management Division. He was involved in monitoring of Regional Grids, analysis of grid disturbances and preparation of various technical reports. He was involved in the finalization of issues in the Indian Electricity Grid Code (IEGC), Availability Based Tariff (ABT), Open Access, Power Exchange, etc. He framed the regulations of CEA on Technical Standards for Connectivity to the Grid and regulations on Grid Standards.

He worked as Chief (Engineering) in Central Electricity Regulatory Commission (CERC) from April 2009 to February 2013 and was involved in formulating various Regulations, viz. Grant of Connectivity, Long-term Access and Medium-term Open Access, Measures to relieve congestion in real time operation, Grant of Regulatory Approval for Capital Investment to CTU for execution of Inter-State Transmission, the revised Indian Electricity Grid Code, Power Market Regulations, Regulation of Power Supply, Regulations on intervening transmission facilities, etc. He introduced various provisions of smart grid in the IEGC.

He is presently handling the Division on Regulatory Affairs in CEA, dealing with Standards and Regulations of CEA, Regulations of CERC and SERCs, and associated issues. He also handles various policy issues.

He is the Chairperson of Working Group VI on "Policy and Regulation" in the India Smart Grid Forum. He has conducted a number of Workshops for Regulators and Transmission and Distribution companies. He is also in the Committee of Ministry of Power for framing Model Regulations on Smart Grid.