

Expert Member, GRMB



Name :	Shri C.Venkata Subbaiah
Date of Birth :	01-07-1972.
Contact Details :	Email: expertmem-grmb-mowr@gov.in Tel: 040-29700608
Organisation & Address :	Godavari River Management Board 5 th Floor, Jalsoudha Errumanzil, Hyderabad-500082

Academic Qualifications :

- Graduate in Electrical and Electronics Engg. from REC (now NIT) ,Warangal,1995 batch.

Details of Experience & Studies :

Hot Line Training Centre, Bangalore

- Standardization of tools, equipment and procedures for live line maintenance of transmission lines, substations and hot line washing. Involved in various committees under Bureau of Indian standards. Interacted with Power Grid (PGCIL), Central Power Research Institute (CPRI), Karnataka Power Transmission Corporation Limited (KPTCL), National Power Training Institute (NPTI), Bharat Heavy Electrical Limited (BHEL) and all power utilities of India & Bangladesh and trained 500 professionals in Live Line Maintenance Techniques using Hot Stick, Bare Hand, Hot Line Washing and Emergency Restoration systems etc.
- Involved in implementation of Quality Plans and Environmental Management Plans for certification and allied purposes

Regional Power Survey Office & DMLF Div., CEA (Mumbai, Bangalore & New Delhi)

- Headed Regional Power Survey offices in Western, Southern and Northern regions.
- Analysis of electricity demand at state level and regional level for Industrial, Commercial, Domestic, Agriculture and Public water works and Lift Irrigation schemes and Traction in the states of Maharashtra, Gujarat, Goa, Madhya Pradesh, Tamil Nadu, Andhra Pradesh, Karnataka, Kerala, Tamilnadu, Telangana, Uttar Pradesh, Punjab, Jammu and Kashmir, Delhi, Rajasthan, Himachal Pradesh.
- Studies and coordination works relating to 17th and 18th Electric Power surveys of India along with energy and power demand studies of mega cities of India and African nation of Ethiopia. Involved in publication of All India Electricity Statistics and data for DMLF div of CEA.

- Studies related to Energy efficiency, Carbon credits, Renewable energy certificates, waste heat recovery, Flue gas treatments in all major industries including Steel, Cement, Aluminium, Chloro-Alkali, Fertilizer, Paper, Textile, Sugar, Paper & Pulp, Thermal, and waste heat recovery and coordination works for Integration of captive power plants for peak power management in various regions of the country and major loads enter.

Regional Power Committee in Western & Southern Regions (Mumbai & Bangalore)

- Studies pertaining to grid stability improvements, capacitor requirement and protection studies and enhancements in western and southern regions of India.
- Implementation of SCADA (Supervisory and Data Acquisition) systems and Distributed control systems for grid management, power plants, transmission systems and sub stations.
- Auditing of protection systems for power plants and substations. Conducting Mock exercises for Black start preparedness.
- Involved in devising standard operational protocols and capacity building measures in hydro, thermal and critical infra structure for Disaster Preparedness.

Financial studies and Assistance Div., CEA (FSA) & Integrated Resource Planning Div., CEA (IRP)

- Involved in preparation of National Electricity Plan and studies pertaining to policies related to Tariffs, Hydro and issues related to Customs & Excise duties and Accelerated Depreciation measures for power sector infrastructure projects.
- Studies associated with Tariffs and Electricity duties in all states of India and ASEAN/SAARC region. Analysis of cross- subsidy surcharge and additional surcharges issues for open access allied with captive power plants, commercial, industrial consumers. Analysis of DSM measures and Time of Day Tariffs.

Financial & Commercial Appraisal Div., CEA

- Studies connected with technical, financial and commercial issues of various renewable energy plants for fixing of normative tariffs of various kinds of Bio-mass, Gassifier, Solar, Wind, Municipal Solid waste and Waste Heat Recovery based power generation schemes.
- Financial and commercial appraisal of and Hydro, Thermal and Nuclear of power plants.
- Involved in Distribution sector reforms for Financial Restructuring of Program (FRP) and UDAY scheme.

Krishna & Godavari River Management Board, Hyderabad

- Studies related to Telemetry/Instrumentation in Krishna and Godavari Rivers. Appraisal of Hydro power plants and pumped storage schemes. Evaluation of power potential studies and lift irrigation schemes.