

# IEEE-PES TECHNICAL TALK

## HYDRO POWER- MINI AND MANY

**Speaker: K.V.RUPCHAND, Chair, IEEE-PES Madras Chapter**  
**22 November 2011 (Tuesday)**

**2:15 pm – 4:15 pm**

**Venue: Bilik Seminar, BATC Jalan Maktab,  
Universiti Teknologi Malaysia  
*International Campus*  
Jalan Semarak, Kuala Lumpur**

*Admission is Free!*

*Please confirm your attendance by sending email to  
[zuhaina@ieee.org](mailto:zuhaina@ieee.org)*



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Electrical  
Energy  
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### ***K.V.Rupchand***

Presently, Chair of Power & Energy Society and Chair of Technology Management Council, IEEE Madras Chapter. Immediate past Secretary General of Indian Concrete Institute. Born on 3 Dec.1938 at Madurai, India. More than 52 years of professional experience in Water Resources Development, primarily for generation of Hydro power. Passed B.E.(Civil) from Madras University in First Class during 1959. Post Graduate in Structural Engineering from Madurai University during 1974 in First Class with Distinction.

Served the Tamil Nadu Electricity Board (TNEB) for more than 38 years and retired as Chief Engineer/Civil Designs during 1997. Was in charge of the prestigious Kundah Hydro Electric Project under Colombo Plan. Held key positions in the Hydro Electric side of the complex Parambikulam-Aliyar Project involving inter-state and inter-basin transfer of river waters. Was involved in almost all the 29 Hydro Power Stations of TNEB (capacities 0.35 MW to 100 MW) including the unique 400 MW Kadamparai Reversible Turbine Project. Investigated, formulated & held key positions in several other Power Projects of Hydro, Thermal and Gas.

Was Vice Chairman of the State Dam Safety Committee. Was member of International Commission on Large Dams and drafted Specifications. Was a member of the Indian Delegation to participate in the International Hydro Power Conference/China, 1995 and visited the mighty 18,200 MW Three Gorges Project. Has been a Visitor and Consultant to International Power Projects. Author of more than 100 technical papers presented at several National & International Conferences on Hydro Power, Hydrology, Transmission Lines, Construction Management, Planning, Environment, Technical Audit and Pre stressed Concrete. Tackled some unique and challenging works of Repair and Rehabilitation in Power Projects. Expert-Advisor to Govt. of Tamil Nadu. Consultant for Nepal Hydro Power Project (L&T), for Restructuring of TNEB and on Construction Management. Author of Indian Standards Specification on Fire Safety in Hydro Projects.

Fellow in the Instn. of Engineers, Indian Instn. of Technical Arbitrators, Indian Concrete Institute, Institutes of Valuers, Bridge Engineers, Consulting Civil Engineers, Indian Water Works Assn., Senior Member in the Institute of Electrical & Electronics Engineers (USA), Member in Institutes of Rock Mechanics & Tunneling Technology, Public Administration, Quality & Reliability, Information Centre on Fiber Reinforced Concrete & American Biographical Institute. Chartered & Professional Engineer and Govt. Registered Valuer.

Has visited Canada(CIDA), USA, UK, all West European countries(CIGRE), China(Hydropower 1995), Bangla Desh and Singapore to present Technical Papers in International Conferences, on Study Tour and Private visit. He attended the IEEE PES General Meeting at Detroit USA from 24 to 29 July 2011 to present his paper on Energy pertaining to Electric Vehicle Transportation as well as to receive the 2 Awards for IEEE PES Madras Chapter, one for High Performance Chapter for the second year in succession and the other for Outstanding Chapter Award. Valued IEEE Member for more than 27 years. Member in IEEE PES RTSC

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