

# 100 GW BY 2047

## INDIA'S NUCLEAR ROADMAP AND THE NEW SHANTI ACT

**JAN** THURSDAY  
**29** 6.00 PM - 7.30 PM  
**2026** MMA MANAGEMENT CENTER



HANSRAJ VERMA, IAS (RETD)



M NANDAKUMAR



M CHANDRASEKAR



CA TG SURESH

## SYNOPSIS

### **“100 GW by 2047: India’s Nuclear Roadmap and the New Shanti Act”**

India’s ambition to achieve 100 GW of nuclear power generation capacity by 2047 marks a bold and strategic step in building a resilient, low-carbon and energy-secure future. With growing demand for clean and reliable base-load power, nuclear energy is increasingly being recognised as an essential pillar alongside renewables, storage, and efficiency measures.

The recent enactment of “The Shanti Act”, passed by Parliament, is a landmark policy reform that opens the nuclear pathway and enables private participation in India’s nuclear power ecosystem. Beyond enabling private involvement, the Act is expected to encourage investment, expand domestic manufacturing and supply chains, accelerates project delivery, and foster innovation, while ensuring robust safety, regulatory oversight, and national security imperatives.

The seminar aims to:

- Provide a clear understanding of the Shanti Act and its key provisions.
- Examine India’s roadmap toward 100 GW nuclear capacity by 2047—milestones, requirements, and critical success factors.
- Explore how private sector participation could be structured responsibly and effectively.
- Enable entrepreneurs and professionals to identify business opportunities in the evolving nuclear ecosystem.
- Facilitate informed discussion on regulation, governance, risk-sharing, and best practices.

### **Panel Discussion:**

#### **“What Business Models Will Work for Private Participation in Nuclear?”**

With the opening of India’s nuclear sector, a crucial question is how private participation can be structured in ways that are commercially viable, safe, and aligned with national priorities. This panel will examine global practices and explore models suitable for India’s context

## PROGRAMME

- 5:15 PM Registration & High Tea
- 6:00 PM Welcome & Introductory Remarks  
**CA TG Suresh**  
Partner  
Suresh and Balaji - Chartered Accountants
- 6:05 PM Address by the Speakers on "100 GW by 2047: India's Nuclear Roadmap and the New Shanti Act"  
**Mr Hans Raj Verma, IAS (Retd)**  
Director General, COSIDICI  
Former Chairman - TNEB, TEDA  
Member of the India Energy Forum  
**Mr M Nandakumar**  
Managing Director  
Nanwin Energy LLP  
**Er. M Chandrasekar**  
Former Chairman  
Tamil Nadu Electricity Regulatory Commission (TNERC)
- 6.55 PM Q & A Session
- 7:20 PM Vote of Thanks  
**Gp Capt R Vijayakumar (Retd), VSM**  
Executive Director  
Madras Management Association
- 7:25 PM End of the Programme

## PROFILE



### **Mr Hans Raj Verma, IAS (Retd)**

*Director General, COSIDICI*

*Former Chairman - TNEB, TEDA*

*Member of the India Energy Forum*

Mr Hans Raj Verma is a distinguished Indian Administrative Service officer with nearly four decades of exemplary service in the Tamil Nadu cadre. Known for his visionary leadership and commitment to inclusive development, he currently serves as the Director General of the Council of State Industrial Development and Investment Corporations of India (COSIDICI) and the Chairman of ITCOT Ltd., Chennai. His current roles reflect his deep dedication to national development through institutional strengthening and sustainable industrial growth. Over the course of his career, Mr Verma has held pivotal leadership positions across sectors including industry, infrastructure, environment, rural development, MSME, IT, and governance. His multidimensional expertise is complemented by his role as a Member of the Working Group/Expert Committee of the National Biodiversity Authority, an autonomous body under the Ministry of Environment, Forest and Climate Change, Government of India.

As Director General of COSIDICI, Mr Verma has brought a renewed strategic focus to the organisation, especially in promoting Environmental, Social, and Governance (ESG) compliance, sustainable business practices, and the growth of the MSME sector. Under his stewardship, COSIDICI has actively convened and supported impactful events and seminars on themes such as ESG integration, carbon management, Industry 4.0, and sustainable innovations in critical sectors including leather and defence manufacturing. These forums have fostered valuable knowledge exchange, policy dialogue, and cross-sector collaboration among stakeholders.

A strong proponent of future-ready development, Mr Verma envisions COSIDICI as a catalyst for empowering State-Level Financial Institutions (SLFIs) and accelerating MSME growth through innovative policy initiatives, capacity building, and strategic partnerships. His leadership continues to align national aspirations with global sustainability goals, placing COSIDICI at the forefront of industrial transformation and responsible growth.

## PROFILE



### **Mr M Nandakumar**

*Managing Director  
Nanwin Energy LLP*

Mr. M. Nandakumar is a seasoned professional with 39 years of experience in executing large turnkey projects across the Power (including renewables), Oil & Gas, and Industrial sectors in India and globally.

He previously served as Managing Director of EDAC Engineering Ltd (formerly SPIC JEL Engineering Ltd) and began his career as an Engineering Management Service Trainee in SPIC. His leadership spans business development, marketing, project management, and contract execution, including establishing and operating overseas entities in UAE, Kuwait, Oman, Saudi Arabia, Malaysia, and more.

Mr. Nandakumar holds a Master's in Industrial Management (IIT Madras, 1992) and a Bachelor's in Mechanical Engineering (CEG, Anna University, 1984). He is a Project Director - Level A (IPMA/PMA India, 2017) and a Certified Executive Consultant & Coach (IPMA-CECC, 2023). He is also an alumnus of the Terra.do (USA) Climate Change - Learning for Action program (2023).

He is actively associated with several professional bodies including FICCI, PMA, Tamil Chamber of Commerce, AACEG, IIT Arbitrators, and Institution of Engineers (FIE). He served as Treasurer of AACEG (2021-23) and currently serves as Convener of the Energy Panel, FICCI Tamil Nadu State Council, leading multiple energy initiatives and media engagements.

He is also an Advisor to Asia Power Electrical Pvt Ltd (Voltech Group), supporting strategy and new opportunity identification. Known for advancing project delivery excellence, he pioneered Lean Construction practices in India's power sector and is trained in Risk Management (IIM Ahmedabad).

In his next phase, Mr. Nandakumar is keen to collaborate, support, and advise energy-related businesses, while continuing to contribute through guest lectures and mentoring the younger generation.

## PROFILE



### **Er. M Chandrasekar**

*Former Chairman*

*Tamil Nadu Electricity Regulatory Commission (TNERC)*

Er. M. Chandrasekar, a distinguished alumnus of PSG College of Technology, Coimbatore, graduated with a Bachelor of Engineering (Honours) in 1983. He went on to build an illustrious career spanning nearly 33 years with TANGEDCO, during which he acquired vast experience and demonstrated exceptional expertise across all segments of the power sector. During his tenure as Director (Generation), he spearheaded significant initiatives that led to remarkable improvements in the efficiency and performance of thermal power generation plants, leaving an enduring impact on the State's energy landscape.

Following his superannuation, Er. Chandrasekar was appointed by the Government of Tamil Nadu as the Chairperson of the Tamil Nadu Electricity Regulatory Commission (TNERC). Under his visionary leadership, the Commission introduced several progressive reform measures and robust regulatory frameworks, aimed at safeguarding consumer interests while ensuring the sustainability of the power sector.

Notably, the State Distribution Utility—once widely perceived as a “sinking ship”—has achieved a commendable financial turnaround, largely attributable to the historic Multi-Year Tariff framework implemented for the first time in the State under his chairmanship.

## PROFILE



### **CA TG Suresh**

*Partner*

*Suresh and Balaji - Chartered Accountants*

T.G.Suresh qualified as a Chartered Accountant in Nov 1988 and started practicing immediately. He is a pioneer in forming the firm Suresh and Bajaj in 1990.

Mr. Suresh has been Instrumental in Setting up a Strong Internal Control system for his various clients. He has also represented before Assessing officers for high pitch assessments. Have appeared before CIT (A) and ITAT on various tax matters and has a very successful record.

He has also given opinions of wide ranging issues in Domestic and International taxation to various corporate clients. Apart from tax and regulatory, TGS also heads the Transaction team, where he focuses on valuation and restructuring. Has contributed tax articles for business newspapers, magazines, have also appeared in TV Shows on taxation.

He has been regular faculty, RTI - Chennai, which conducts training of Income tax officials.

Mr. T G Suresh is a regular member of Direct tax committees formed by Professional bodies and trade associations formed for suggestions on opinions to the government of tax issues.

Mr. Suresh is also a leading faculty in Chennai in Domestic taxation , International taxation , Financial Management , Cost Accounting and Financial accounting for more than 30 years fondly known as 'TGS' in the fraternity and has produced many rank holders.

He is also a Visiting Faculty for taxation at the regional councils of the ICAI at Chennai, Bangalore, Mysore, Ernakulum and Cuttack. Many Students fondly call him CGS for his exemplary discussion of Capital Gains.

TGS has authored books in Income tax and direct tax which is widely used by students and professionals.

TGS Has presented papers in Income tax in NASSCOM , Madras Chamber of Commerce Andhra chamber of commerce, Hindustan Chamber of commerce , Sindhi Chamber of commerce, HP Association and Professional bodies like ICAI, ICMA, CS, Association of CA's, Society of Auditors and various study circles , He is currently chairman of International Fiscal Association (IFA) SRC - a Netherland based NGO which does studies on International fiscal law and releases cahiers which are used by Many counties for legislating law on International tax and also used by Courts across the World in resolving tax disputes.

## CONNECT WITH US



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