

# **Webinar Title:** Wisdom in Electrical Energy Savings

## **Webinar Type:** Paid

Registration Fee (including GST):- Rs. 433/-

**Expert Speaker (Name/ Designation)** Shri. T. Sankaranarayanan, AEA

**Webinar Date:** 06<sup>th</sup> September 2020

**Duration:** 3:00 PM to 4:15 PM

## **About Webinar:**

Cost reduction through energy audit is one of the Proven methods adopted by practicing energy Auditors. The energy and cost savings opportunities depend on type of systems covered under the auditor's purview. Identifying electricity savings and cost reduction opportunities needs clear understanding of the improvement limitations of electrical equipment's and Utilities.

Electrical equipment's are designed with higher efficiency levels and also the efficiency variation under operating loads also marginal. Considering these aspects, it is a great challenge for auditors to adopt a suitable and economically viable ENCON options.

The webinar will focus on efficiency improvement aspects in Generation, distribution and end use equipment's. with case studies. The technical presentation will be followed by question and answer session.

## **Learning objectives:**

- Learn cost reduction potential in electrical network. – demand , peak pf , kvah billing etc
- Operating Load and efficiency drop in transformers and motors
- Energy savings Limits with Energy Efficient motors
- Efficient Capacity control options in various utilities.
- Specific energy variations in melting furnaces
- Electricity and Fuel substitution

This webinar will be relevant for both fresh as well as experienced energy auditors, plant engineers and managers. The Auditors will be confident to identify suitable ENCON projects. The plant Engineers will have more clarity on Electricity savings and consider implementing these technologies/concepts in their organization to use energy efficiently and thereby help in reducing the operating cost and contribute towards the profitability of their plant.

**Speaker Profile (Brief One Para & Photograph):-  
Speaker Profile**

Mr. T. Sankara Narayanan (AEA), has more than three decades of experience in Training and Consultancy in Energy Management. He has rich experiences working with various sectors such as Automobile, Steel, cement, TPS, Cogeneration plants, Bio mass Power Plants, Gas turbine CPP, Mines, Water works, Malls, Hotels, Railways, Ports, Textile and MSME sectors. He is one of the authors for the Guide Books on Energy Efficiency for the National Certification Examination for Energy Managers and Energy Auditors.



**Register to learn:**

- **Opportunity for cost reduction in electrical network**
- **Efficiency variations with respect to load and capacity**
- **Efficient Capacity control options in various utilities**
- **Economics of fuel substitution**
- **Specific energy variations in melting furnaces**

**Focus on limits for energy savings in electrical systems**

**Date:** - 06<sup>th</sup> September 2020

**Time Slot:** - 03:00PM To 04:15 PM (Afternoon)

**Register in advance for this webinar:** *(To be filled by IT group)*

Thanks & Regards

Name of RD/ Group

National Productivity Council  
Regional Directorate  
Kanpur