

## **NPC Consultant Professional Profile**

### **I. Personal Information**

**Name:** Varun J.P.

**Date of Birth:** 19/08/1988

**Current Position & Domain:** Deputy Director, Energy Management

**Office Location:** AIP-NPC

**Languages:** English, Tamil and Hindi

**Contact:** [varun.jaganathan@npcindia.gov.in](mailto:varun.jaganathan@npcindia.gov.in)



### **II. Professional Summary**

An energy professional committed to driving energy efficiency, cost optimization, and environmental sustainability through transformative solutions. Adept at identifying energy conservation opportunities and developing strategic implementation plans to enhance productivity and long-term sustainability.

### **III. Areas of Expertise**

**Primary Domains:** Energy Audit, Productivity studies, sustainability, Carbon Management and Net zero emissions

**Specialized Skills:** Energy Efficiency & Management, Energy system analysis

**Industry Focus:** Sugar Industry, Power Plant, Engineering industries and Chemical industries

### **IV. Professional Experience**

**Current Position:** Deputy Director **Organisation:** National Productivity Council, Chennai **Duration:** Oct'15 to till date.

**Key Responsibilities:**

- Strategizing productivity enhancement studies.
- Carrying out Energy Audit studies and key resource personnel for training programmes and evaluation of the various government schemes/projects.
- Faculty for Hands-on practical training at Centre of Excellence in Training for Energy Efficiency (CETEE), Chennai.

**Previous Position:** Senior Engineer **Organisation:** Armstrong International Ltd., Chennai **Duration:** Oct'14 to Sept'15

**Key Responsibilities:**

- Audit and Monitoring & Verification
- Conducting comprehensive and precise energy assessments in accordance with efficiency evaluation standards and best practices, educating clients about energy conservation measures and recommending energy efficiency improvements along with financial benefits.

- Key projects involve Energy audit of a FMCG Manufacturing facility in Haridwar, Monitoring & Verification of Energy savings projects implemented at Dr. Reddy's Lab, Energy conservation studies at M/s. Nestle Ltd.

**Previous Position:** Deputy Manager- Management Audit Division (Technical Audit) **Organisation:** EID Parry Ltd., Chennai **Duration:** April'11 to Oct'14

**Key Responsibilities:**

- Part of Management and Technical Audit team.
- i) Evaluating the performance of the manufacturing process and functions and Energy performance of the process and utilities ii) Performance auditing of High Capital Expenditure Projects iii) Other Operation audits of functions and systems and apprise the Top Management iv) Compliance to safety
- Key projects involve technical audit of all the manufacturing facilities across the TN, AP and Karnataka (Sugar, Distillery and Bio fertiliser)

## **V. Major Project Experience in NPC**

**Project Title:** Detailed Energy audit

**Client Name:** Hetero Drugs **Type:** Pvt **Sector:** Pharmaceuticals

**Role:** Team Member

**Duration:** 3 months

**Problem Definition:** Detailed Energy audit of Hetero Drugs infrastructure at Nakkapalli, AP

**Recommendations Made:** Practical Energy conservation measures to optimize overall energy performance of the facility with special emphasis on chiller performance and reduction of chiller specific energy consumption.

**Project Title:** Boiler Certification Examination

**Client Name:** DPIIT **Type:** Government **Sector:** Boiler Industry

**Role:** Part of a three-member team to conduct written and oral examination.

**Duration:** 11 months

**Problem Definition:** Conduct of Grant of Certificate of Proficiency (CoP) as Boiler Operation Engineer (BoE) as per Boiler Operation Rules, 2021 framed under the Boilers Act, 1923.

**Recommendations Made:** Examination was successfully conducted on behalf of Central Boilers Board, DPIIT, GOI at various centres across the country for both written & viva-voce and certificates were issued to the successful candidates.

**Project Title:** Conduct of capacity building programmes on Best Operating Practices in Energy Management for various MSMEs sectors

**Client Name:** UNIDO **Type:** Government **Sector:** MSME Sector

**Role:** Coordinator

**Duration:** 12 months; 12 training programmes

**Problem Definition:** Improving energy productivity in MSMSE sector by promoting energy efficiency and renewable energy in selected MSME clusters in India

**Recommendations Made:** The project focussed on development and promotion of a market environment for introducing energy efficiency (EE) and enhanced use of renewable energy (RE) technologies for process applications in 12 selected MSME clusters under five energy intensive MSME sub-sectors i.e., Brass, Ceramic,

Dairy, Foundry and Hand tools. A total of about 250 participants from various levels such as entrepreneurs, factory operators and supervisors attended these programmes.

## **VI. Educational Background**

### **Highest Degree:**

- **Degree:** B.Tech
- **Institution:** Sastra University **Type:** Full Time
- **Year:** 2009
- **Specialization:** Mechanical

### **Additional Professional Qualifications:**

- BEE Certified Energy Auditor
- One year course in Post Graduate Certificate Programme in Energy Management at AIP-NPC, Chennai
- Attended training programme on GRIHA Green building assessment
- MS Office- Intermediate, SAP ERP- Plant Maintenance Module- Beginner

### **Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that I shall be responsible for any willful misstatement described herein.

Date: 10/02/2025

Place: Chennai

Varun J P