

NPC Consultant Professional Profile

I. Personal Information

Name: Anand Verma

Date of Birth: 22.12.1986

Current Position & Domain: Director & Group Head Energy Management

Office Location: Head Office

Languages: English and Hindi

Contact: Email: anand.verma@npcindia.gov.in & Mo No: 88603 16000



II. Professional Summary

Working as Group Head (EM) with a total of over 14 years of experience managing technical consulting projects, including energy efficiency initiatives, energy audits, water audits and industry compliance.

Skilled in engaging with government bodies, project planning and execution, business development.

III. Areas of Expertise

Primary Domains: Energy Efficiency Projects

Specialized Skills: Certified Energy Auditor, (Certified Monitoring and Verification Professional) CMVP, ISO - 50001 EMS - Lead Auditor, Certificate in Project Management.

Industry Focus: Energy management and Energy efficiency in Thermal Power Plants, Buildings, Fertilizer industries, Sugar industries, Steel re-rolling, Paper and others.

IV. Professional Experience

Current Position: Director & Group Head (EM)

Organisation: National Productivity Council, Delhi **Duration:** November 2024 to till date

Key Responsibilities:

- Acted as a Team Lead
- Energy & Water Efficiency Projects, Speaker at Training & Workshop
- Reviewing Head Office Work Proposal & Projects and sharing Project lead to Regional Office as per their locations
- Explore revenue generation possibilities
- To coordinate with other offices/officers (RDs) on assignments of energy management division for execution including field works, report making, training & presentation
- To supervise, guide and/or coordinate with External consultant, Project Associates involved in the projects pertaining to various assignments.
- To liaison/negotiate with clients of Energy Assignments during price/scope negotiation and finalisation of audit/study reports.
- Carry out various activities so to promote productivity and energy related issues as well as represent NPC at various platforms for similar issues.

Previous Position: Deputy Director (EM)

Organisation: National Productivity Council, Delhi

Duration: February 2016 – September 2023

Key Responsibilities:

- Acted as a Team Lead and Team Member for energy efficiency and water use efficiency projects
- Energy & Water Efficiency Projects, resource speaker at Training & Workshop
- Preparation and submission of proposals
- To coordinate with other offices/officers (RDs) on assignments of energy management division for execution including field works, report making, training & presentation
- To supervise, guide and/or coordinate with External consultant, Project Associates involved in the projects pertaining to various assignments.
- Carry out various activities so to promote productivity and energy related issues as well as represent NPC at various platforms for similar issues.

Previous Position: Assistant Director (EM) **Organisation:** National Productivity Council, Kanpur & Delhi

Duration: August 2009 – February 2016

Key Responsibilities:

- Acted as a Team Member for energy efficiency and water use efficiency projects
- Energy & Water Efficiency Projects, resource speaker at Training & Workshop
- Preparation and submission of proposals
- To coordinate with other offices/officers (RDs) on assignments of energy management division for execution including field works, report making, training & presentation
- To supervise, guide and/or coordinate with External consultant, Project Associates involved in the projects pertaining to various assignments.
- Carry out various activities so to promote productivity and energy related issues as well as represent NPC at various platforms for similar issues.

V. Major Project Experience in NPC

1. Project Title: Emirates Energy Award (2016-17 and 2021-22)

Client Name: Dubai Supreme Council of Energy, Govt. of UAE **Type:** International **Sector:** Energy

Role: Team Member

Duration: 3 Months

Problem Definition: Reviewed and assessed each application based on the evaluation criteria set by the Technical Committee. Provided detailed feedback on completed applications and developed final recommendations and rankings to assist the committee in selecting the winners.

Recommendations Made: Ensured that all evaluated candidates for the award had submitted complete applications in line with the predetermined criteria. Each application was thoroughly assessed according to the evaluation criteria set by the Technical Committee. Feedback was provided for all complete applications. Based on the evaluations, submitted final recommendations and rankings to assist the Technical Committee in shortlisting the winners.

Impact Created: Identified and verified the Energy Conservation Projects implemented by Industry, and on the basis of calculation and award has been issued to best energy efficient Industry.

2. Project Title: Preparation of Best Practices Manuals to reduce GHG emission in Five Energy Intensive Industries

Client Name: DPIIT, Ministry of Commerce and Industry, GoI **Type:** Government **Sector:** Thermal Power Plant
Role: Team Member

Duration: 1 year

Problem Definition: The study aimed to develop best practices manuals for reducing greenhouse gas (GHG) emissions in five energy-intensive industrial sectors: Thermal Power Stations, Iron & Steel, Cement, Pulp & Paper, and Chlor-Alkali, by identifying and promoting energy-efficient technologies and sustainable practices.

Recommendations Made: Prepared best practices manuals to reduce GHG emission in five energy intensive industrial sectors namely Thermal Power Stations, Iron & Steel, Cement, Pulp & Paper and Chlor- Alkali sectors for use at different levels in industries.

3. Project Title: Mandatory Energy Audit at Tata Chemical Limited (TCL), Babrala, UP

Client Name: Tata Chemical Limited **Type:** Pvt **Sector:** Fertilizer

Role: Team Member

Duration: 3 Months

Problem Definition: BEE issued a notification under the Perform, Achieve, and Trade (PAT) Scheme, mandating that each designated consumer (DC) undergo a mandatory energy audit. In compliance with this requirement, NPC conducted the detailed Mandatory energy audit at the Fertilizer Plant, TCL, Babrala.

Recommendations Made: Recommendation for improvement in energy efficiency of boilers, pumps, compressors etc.

Impact Created: Reduction in Energy Consumption & reduction in green house gas emission

- Process improvements achieved
- Cost savings or efficiency gains

4. Project Title: Mandatory Energy Audit at Pragati power Corporation Limited (PPCL), New Delhi

Client Name: Pragati power Corporation Limited (PPCL), New Delhi **Type:** PSU **Sector:** Thermal Power Plant

Role: Team Leader

Duration: 3 Months

Problem Definition: BEE issued a notification under the Perform, Achieve, and Trade (PAT) Scheme, mandating that each designated consumer (DC) undergo a mandatory energy audit. In compliance with this requirement, NPC conducted the detailed Mandatory energy audit at the Thermal Power Plant, PPCL, New Delhi.

Recommendations Made: Recommendation for improvement in energy efficiency of waste heat recovery boilers, Motors, pumps, Cooling Towers, compressors etc.

Impact Created: Reduction in Energy Consumption & reduction in green house gas emission

- Process improvements achieved
- Cost savings or efficiency gains

VI. Educational Background

PG Certification:

- **Degree:** Post Graduate Certification in Energy Management
- **Institution:** Ambedkar Institute of Productivity, National Productivity Council, Chennai. **Type:** Full Time

- **Year:** 2009
- **Specialization:** Energy Management

Graduation Degree:

- **Degree:** B.Tech.
- **Institution:** Sir Chhotu Ram Institute of Engineering & Technology, Chaudhary Charan Singh University, Meerut (UP) **Type:** Full Time
- **Year:** 2008
- **Specialization:** Mechanical Engineering

Additional Professional Qualifications:

- Certified Energy Auditor (EA-30743) From Bureau of Energy Efficiency, Ministry of Power, Govt of India
- Certified Measurement & Verification Professional (CMVP), Association of Energy Engineers (AEE), Georgia
- ISO -50001 Energy Management System - Lead Auditor
- Certificate in Project Management, Centre for Excellence in Project Management (P) Ltd

VII. Research and Publications

Recent Publications:

- Preparation of Best Practices Manuals to reduce GHG emission in Five Energy Intensive Industries in 2016 for Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India (Manual available in NPC site)

Speaking Engagements:

- Technical Speaker at Boiler Workshop, Energy & Water Efficiency Training Program conducted by NPC

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: 04-02-2025

Place: New Delhi



Anand Verma

Profile Update History

Last Updated: 04-02-2025

Next Review Due: [Date]

