

## **NPC Consultant Professional Profile**

### **I. Personal Information**

**Name:** KRISHANU MALLICK

**Date of Birth:** December 29, 1983.

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

**Office Location:** Regional Directorate Kolkata.

**Languages:** English, Bengali & Hindi (fluent); Assamese, Odiya (working).

**Contact:** E: [krishanu.mallick@npcindia.gov.in](mailto:krishanu.mallick@npcindia.gov.in) ; Phone (O): +9133 2287 3116.



### **II. Professional Summary**

The undersigned strives to be a law-abiding citizen of the country, a dutiful Officer of NPC and a supportive fellow-officer to colleagues. He upholds the virtues of transparency, punctuality, dutifulness and empathy in high esteem and tries to follow the same in all his endeavours to realize full potential of his Organisation.

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

**Primary Domains:** Energy Conservation & Management Studies, Policy-formulation base-line Studies, National-level Schemes Evaluation & Monitoring, Professional Trainings.

**Specialized Skills:** Critical Thinking, Technical Computation, Analytical Reporting & Clear Communication.

**Industry Focus:** Power Distribution Reforms, Tea Sector, Textile (Powerlooms) Sector, Commercial Buildings, etc.

### **IV. Professional Experience**

**Current Position:** Deputy Director. **Organisation:** National Productivity Council, Regional Directorate Kolkata.

**Duration:** February 8, 2016 – February 10, 2025 (09 years).

**Key Responsibilities:**

- Strategic role in productivity enhancement: None.
- Specific areas of consultation /expertise: Yes.
- Leadership and team management aspects: Yes.
- Key projects and initiatives led:  
R-APDRP West Bengal & Sikkim 2010-22, SBI LHO Building Audits, Tea Board of India HQ Building Audit, Hindalco Ltd. Plant Energy Audit., etc.

**Previous Position:** Asstt. Director. **Organisation:** National Productivity Council, Regional Directorate Kolkata.

**Duration:** August 04, 2009 – February 07, 2016 (6 years 6 months).

**Key Responsibilities:**

- Role: EM Division Officer at NPC Kolkata.
- Specific areas of work/expertise: Energy management.
- Leadership and team management aspects: Team Member.
- Key projects and initiatives led: R-APDRP West Bengal & Sikkim 2010-14 (1<sup>st</sup> Phase), UNDP SRRM Audits, SJVNL Himachal Pradesh Plant Audit, PAT Deepening Project under BEE (MoP, GoI), etc.

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

### **1) Project Title:** BEE Four-Sector Study.

**Client Name:** BEE, Ministry of Power, GoI. **Type:** Government **Sector:** Agri-pumping, Municipal Water-Pumping, Commercial Buildings etc.

**Role:** Team Member.

**Duration:** 2009-11.

**Problem Definition:** Base-Line Audit, Survey & Reporting of Four energy-intensive sectors (e.g. Commercial Buildings, Agri-pumping, Municipal Water Distribution etc.).

**Recommendations Made:** Efficiency improvement in equipment (Star-rated), Reduction in wastage of resources, re-use and recycling wherever possible.

**Impact Created:**

- Quantifiable results achieved: 15 – 28 % reduction in energy consumption wherever implemented.
- Process improvements achieved: NA.
- Cost savings or efficiency gains: Reduction in monthly electricity bills.
- Capacity building outcomes: NA.

### **2) Project Title:** State Bank of India LHO Energy Audit 2016-17.

**Client Name:** State Bank of India. **Type:** Largest Central Bank. **Sector:** Banking.

**Role:** Team Leader.

**Duration:** 2016-17

**Problem Definition:** Comprehensive Building Energy Audit, Analysis & Reporting.

**Recommendations Made:** Efficiency improvement in equipment through modernisation, Reduction in wastage of resources, re-use and recycling wherever possible.

**Impact Created:**

- Quantifiable results achieved: More than 20 % reduction in energy consumption.
- Process improvements achieved: NA.
- Cost savings or efficiency gains: almost rupees One Crore Reduction in annual electricity bills.
- Capacity building outcomes: NA.

### **3) Project Title:** Tea Board of India Energy Audit 2019.

**Client Name:** Tea Board of India. **Type:** Government. **Sector:** Tea.

**Role:** Team Leader.

**Duration:** 2019-20.

**Problem Definition:** Comprehensive Building Energy Audit, Analysis & Reporting.

**Recommendations Made:** Efficiency improvement in equipment through modernisation, Reduction in wastage of resources, re-use and recycling wherever possible.

**Impact Created:**

- Quantifiable results achieved: About 30% reduction in energy consumption.
- Process improvements achieved: NA.
- Cost savings or efficiency gains: About 24% reduction in monthly electricity bills.
- Capacity building outcomes: NA.

[Major projects that best demonstrate expertise]

- *R-APDRP West Bengal & Sikkim 2010-22.*
- *SJVNL Energy Audit 2010-11.*
- *Preparation of 'Best Practices Manual' for Reducing GHG Emissions 2016-17.*
- *Annual Consultancy Support to State Designated Agency-West Bengal 2015-16.*
- *Deepening of PAT Scheme (Initiative of BEE, MoP, Gol) 2014-15.*
- *WBSDA – WHR Tea Sector Policy Formulation & baseline Study 2012-13.*
- *BEE 4-Sector Baseline Study 2009-10.*

## **VI. Educational Background**

### **Highest Degree:**

- **Degree:** B.Tech.
- **Institution:** West Bengal University of Technology (presently, Maulana Abul Kalam Azad University of Technology, West Bengal). **Type:** Full Time.
- **Year:** 2008.
- **Specialization:** Electrical Engineering.

### **Additional Professional Qualifications:**

List relevant certifications:

1. PGC in Energy Management from AIP-NPC, Chennai (2008-09).
2. Certification in Knowledge Management (Knowledge Associates, UK) 2011 at NPC HQ, New Delhi.
3. Training of Trainer (ToT) conducted by AIP, Chennai & Sumikin Technologies, Tokyo at Chennai.
4. CIPM by International Institute of Projects & Program Management at Gandhinagar.
5. Certification in Management of Training (MoT - developed by DoPT, Gol) 2019 from Administrative Training Institute, Kolkata.
6. Professional memberships: None.

Specialized training:

7. Energy Audit at Thermal Power Stations conducted by NPTI, Durgapur & GTZ, Germany at Durgapur.
8. Pilot Training on ISO 50001:2011 EnMS' by GIZ, Germany at Kathmandu, Nepal.
9. Working-Level Proficiency in IT Tools (MS Office).

## **VII. Research and Publications**

### **Recent Publications:**

None.

### Speaking Engagements:

Industry forum contributions:

- West Bengal State Designated Agency Annual EM-EA Summit.
- BEE Training Programme for Meghalaya State Designated Agency 2017
- Sikkim State Designated Agency BEE, (MoP, GoI) Programmes.
- Annual Regional Boiler Programmes from 2009-10 onward at West Bengal & Assam.
- 1<sup>st</sup> Bharat Steam Boiler Expo 2024 in Guwahati, Assam.
- APEDA, Govt. of Arunachal Pradesh Training Programmes.

### Awards and Recognition

- Professional awards received: Felicitation from Tripura Central University, Agartala.
- Appreciation Letters from:
  - Power Finance Corporation, New Delhi
  - State Bank of India, LHO Kolkata
  - Tea Board of India, HQ Kolkata
  - State Bank of India Institute of Learning, New Town, West Bengal.
  - Hindalco Ltd. (Aditya Birla Group).
  - State Designated Agency, Inspectorate of Electricity, Govt. of Meghalaya.

### 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: Kolkata.



[Krishanu Mallick]

### Profile Update History

Last Updated: [10/2/2025]

Next Review Due: [Date]

---