

ANNUAL POWER QUALITY COMPLIANCE FOR SOLAR & RENEWABLE ENERGY PLANTS

MANDATORY. MEASURABLE.
MANAGED BY EXPERTS.



Service Offering

Ensure full compliance with CEA (2019 Amendment) and MSLDC / MSEDCL directives with BNN Power's end-to-end Power Quality Testing & Reporting solutions.

OUR OFFERING

Testing Schedule & Compliance Planning
On-Site Power Quality Measurement
Data Logging & Analysis
Regulatory Report Submission
Corrective Action
Recommendations
Advanced Power Quality Diagnostics
Solar Plant Expertise
BEE Certified Energy Professionals
End-to-End Compliance Execution

AUDIT APPROACH

- Analyze Energy Consumption & Monitoring
- Strategy Development for Energy Saving
- Recommendation & Implementation
- Results and Evaluation

WHY THIS MATTERS (REGULATORY)

Regulatory authorities have mandated:

Annual testing of:

- Harmonics (THD & Individual Harmonics)
- DC Injection
- Flicker (Pst / Plt)

Submission of:

- Testing Schedule (Before 31st March)
- Annual Compliance Report
- Testing to be conducted in presence of stakeholders

Non-compliance may lead to penalties, regulatory action, or operational risks

**DEADLINE DRIVEN COMPLIANCE –
BOOK YOUR SLOT BEFORE 31ST
MARCH**

CONTACT US



www.bnnpower.in



info@bnnpower.in



Chembur-Govandi, Mumbai, MH, India.



BNNPOWER.IN

WHY BNN POWER ?

- Proven Energy Audit Expertise
 - Strong Industrial Execution Capability
 - Regulatory-Compliant Reporting
 - Fast Turnaround
 - Pan-India Service Capability
- Ensure regulatory compliance
 - Avoid penalties & shutdown risks
 - Improve grid performance
 - Enhance plant efficiency
 - Identify hidden electrical losses

FROM COMPLIANCE TO PERFORMANCE, WE POWER YOUR RELIABILITY.

WHO SHOULD OPT FOR THIS?

- Solar Open Access Plants**
- Rooftop Solar Installations (RT-SPV)**
- Ground Mounted Solar Plants (GM-SPV)**
- Wind & Hybrid Projects**
- Commercial & Industrial Consumers**

ABOUT US

BNN Power with 15 years of experience in the Energy Sector we bring Value Engineering to achieve Energy Saving, system reliability & total system efficiency for our clients. We offer 24x7 support for our clients, with our credentials BNN Power can offer all types of consultancy related to the Energy Sector.



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OUR EXECUTION APPROACH

Step 1: Compliance Planning

- Testing schedule preparation
- Coordination with DISCOM / SLDC

Step 2: On-Site Measurement

- Class-A PQ Analyzer deployment
- Multi-day data logging
- Stakeholder presence during testing

Step 3: Data Analysis

- Benchmarking with CEA / IEEE standards
- Identification of non-compliance

Step 4: Reporting

- Submission-ready compliance reports
- Documentation aligned with regulatory requirements

Step 5: Optimization (Value Add)

- Harmonic mitigation solutions
- APFC & KWH=KVAH fine tuning for PF
- Inverter & system performance recommendations