

THINK ELECTRICAL
THINK JEF



FROM INDIA
TO **24**
COUNTRIES

JEF

SINCE 1994

Specialized Engineering Services for Renewable Energy

OUR SERVICES

Grid Integration | Transient Studies |
Power Quality | Grounding & Lightning
Protection Solutions | Surge Protection

OUR
WEBSITE



WHY CHOOSE US

30+ YEARS OF EXPERTISE

5000+ GLOBAL CUSTOMERS

90% CUSTOMER RETENTION

**340 SUCCESSFUL RENEWABLE
ENERGY PROJECTS**

Electrical Engineering Services for



Solar PV



Wind



Battery Energy Storage System (BESS)



Hybrid



Green Hydrogen

Leverage the Best Tools



Technical Expertise:



Total Strength
250+

Subject Matter Experts:	09
PhDs:	08
Post Graduates:	64
Graduate Engineers:	102
Others:	70

Successful Track Record

5.6 GW Wind
8.1 GW Solar PV

Ongoing Projects

1.6 GW Wind
5.0 GW Solar PV

Power System Studies for

- ◇ Grid Code Compliance
75 MW to 2 GW
38 Domestic & International Projects

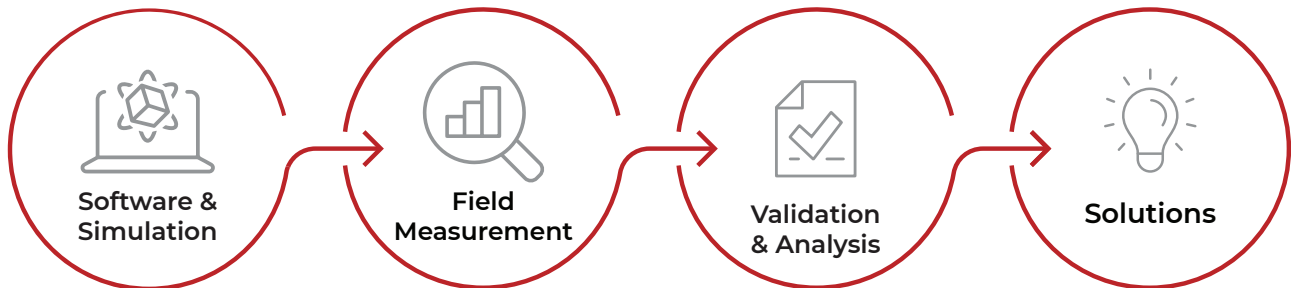
Grounding + LPS Studies for

- ◇ Enhancing Reliability & Safety
244 Projects

Power Quality Studies for

- ◇ Harmonics and Root Cause Analysis
26 Projects

Our unique value proposition of measure-simulate-validate offers a 360-degree perspective and foolproof solution under actual operating conditions.



Advance Testing Equipment



Integrating Diverse Specializations for Value Delivery

The diverse specializations within our team ensure a multidimensional approach to problem solving, thereby positioning us as a competent and reliable service vendor partner in the electrical engineering space.

Greenfield Projects

- Power System Studies | Steady State Analysis | Dynamic Analysis | Transient Analysis
- Power Quality, Harmonics Studies and Field Measurements
- Grid Integration & Compliance Studies
- Insulation Co-ordination Studies-Substations
- Grounding & Lightning Protection System Design
- Supply & Installation of Products (Grounding | LPS | SPDs)

Brownfield Projects

- Grounding Studies
- Lightning Protection Adequacy Studies
- Power Quality Studies
- Root Cause Analysis
- Electrical Safety Audit

Key Projects Delivered for Renewable Energy



Floating Solar

Built with Innovation and Delivering sustainable solutions: Uniquely crafted Grounding and Lightning protection system addressing diverse design challenges, including the extremely corrosive salt water, fluctuating high and low tides, shifting water depths, geographical positioning, and saving the flora and fauna.

FIRST-OF-ITS-KIND GROUNDING SYSTEM FOR ONE OF THE LARGEST FLOATING SOLAR PLANT IN INDIA FOR NTPC - KAYAMKULAM

600+ Certified Products for Reliable Lightning Protection & Grounding System

Complete range of type-tested LPS components as per IEC 62561 (62305)

Sequentially type-tested for ageing, (10/350µs) 100kA Lightning Impulse, Mechanical Test

Compound Type-tested as per IEC-62561-7, IS3043-2018, BS-7430 & IEEE 80

Resistivity <0.12Ωm

Early Streamer Emission (ESE) standard NFC 17-102, tested as per IEC 62561

Tested as per



Earth Electrodes (UL-Listed)

Certified By

LCOE

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