

Performance **99.8%** Fill **0.74**  **781.5 W/m²** (SolSensor)



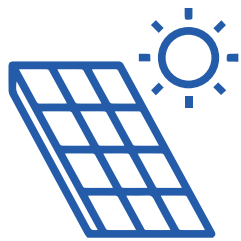
Field Expertise

- Electrical Turnkey Solutions
- Technical Services
- Renewable Energy

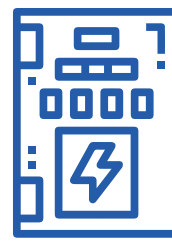
Turnkey Solutions

Elec Power is Control Centre for Design, Detailed Engineering, Procurement, Installation and Commissioning Services under Turnkey EPC Solutions for Grid-Tie Rooftop, Ground Mounted, Solar Water Pump Ground Mount, Industrial Electrical, Substation and Earthing System Projects.

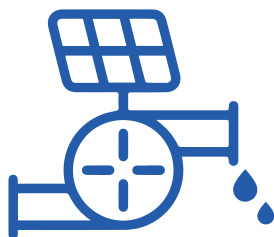
Our services



**Roof-top & Ground-mounted
Solar Power Plants**



**Industrial Electrical
Solutions**



**Solar Water
Pumping System**



**Earthing & Lightning
Protection System**



Technical Services



System Operation & Maintenance: Optimizing Plant Operations



Our services

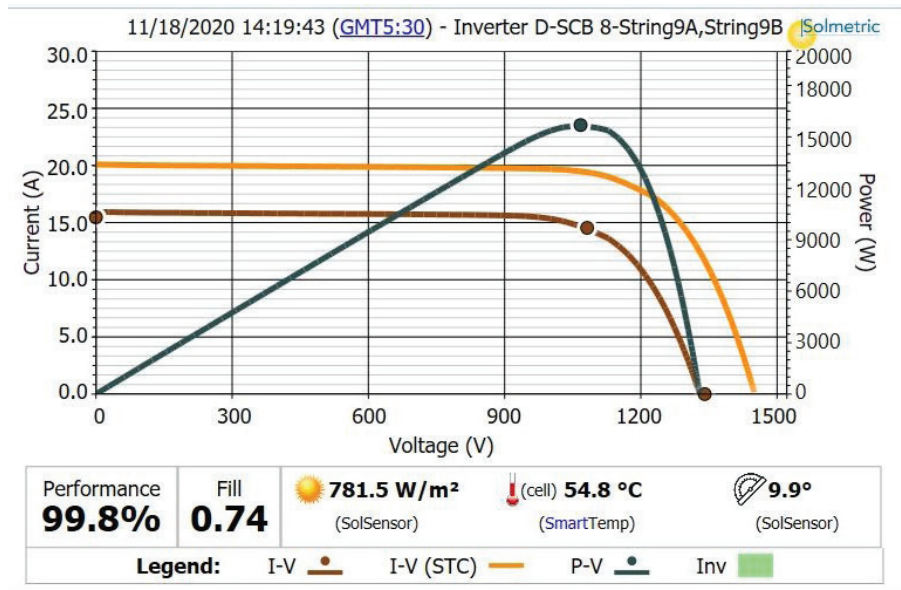
Maintaining Safety and Reliability while Maximizing Profit are the Core Goals of any Plant Operation. To Realize this, Elec Power offers Wide-Ranging O&M (Operation and Maintenance) Services for Solar Power Plants, Substations and Industry.

Elec Power provides O&M Services to its Clients like

- Operation Preparations such as Planning, System Development and Training with Faster and Cost-Effective Monitoring.
- Consulting Services on Elements including Profit Optimization, Reliability and Safety Improvement.



I-V Curve Tracing

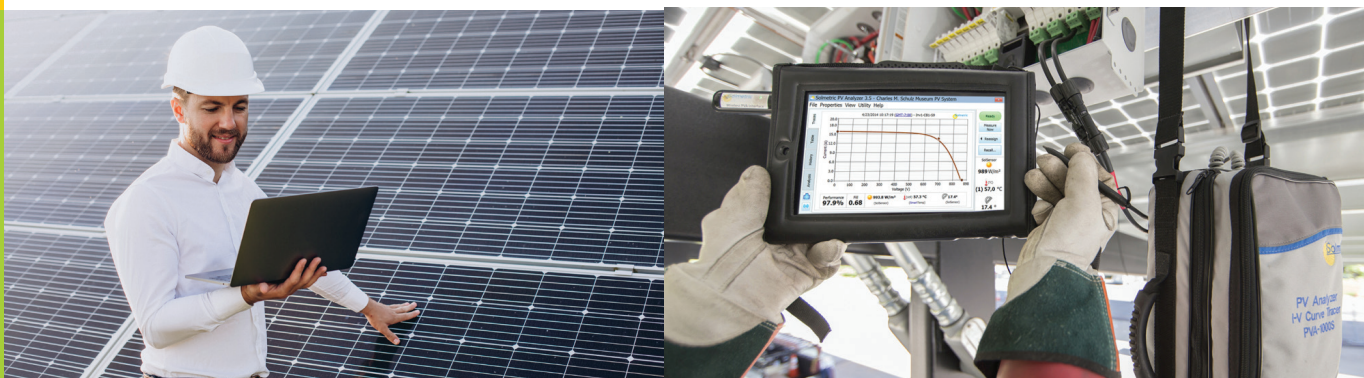


Our services

Accurate Estimates for Solar Production Require Accurate Measurements. Getting Accurate and Consistent Measurements requires the Right Tools and the Right Process for Data Collection and Reporting. Elec Power is offering World Class, Fastest & Accurate I-V Curve Testing to know more about the Performance of a PV Module or Array.

What are the Benefits of I-V CURVE Tracing by Our Professionals?

- Lower Risks during Start-up and Commissioning
- Thorough System Performance Baselines
- Effective and Expedited Troubleshooting & Data Management
- Better Performance Modelling
- Detailed Testing Reports and Analytics
- Reduced System Downtime by Reducing Test Time



Thermography

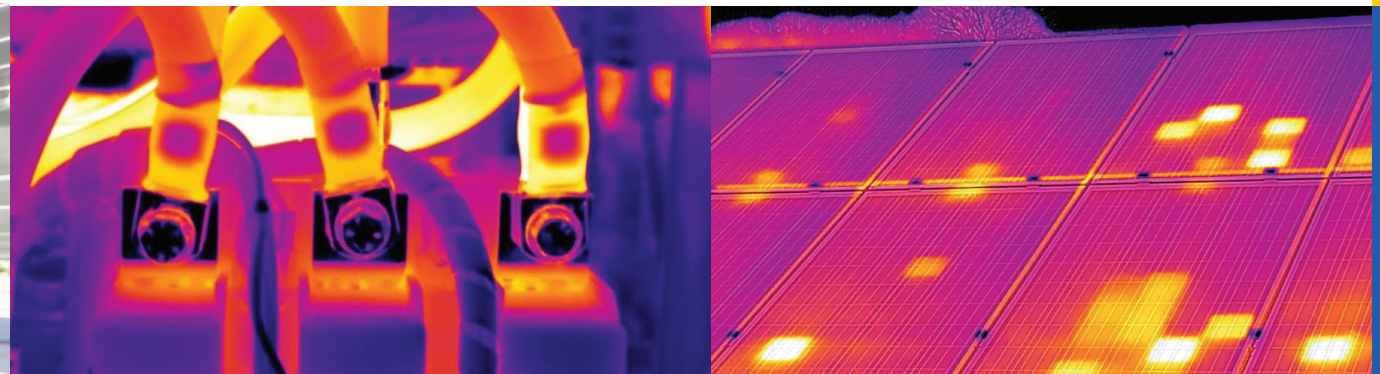


Our services

Early Detection of Short Circuits, Prevent from Fire Accidents, Ensure uptime at all Levels, Improvement of Energy Efficiency and Establishment of Green Environment. Elec Power offering World Class Infrared Thermography Service for Predictive & Preventive Maintenance by utilizing Latest Infrared Thermal Imaging Camera which provides High Resolution Thermography Images to ensure the Best Possible Techniques used in the Industry.

It's Benefits:

- Safety Increases & Minimize Maintenance Efforts.
- Avoid Losses, Accidents, Serious Hotspots leads Loss of Life.
- Reduced Power Consumption & Save Energy
- Reduced Unexpected Outage Costs.
- Extend Equipment Life
- Prevent Loss Production Increased Production in Industry.



Electrical Audit of Earthing Systems



Our services

A Complete Earthing System with all its Components should offer Low Resistance Path for Fault Current to Flow so that Breakers Trip in Time to Prevent Accidents such as – Fire, Short Circuit, and Electric Shock. Elec Power “Earthing System Health Assessment” ensures the Healthiness of Complete Earthing System and the System must be Inspected Periodically to ensure the Effectiveness.

Activity

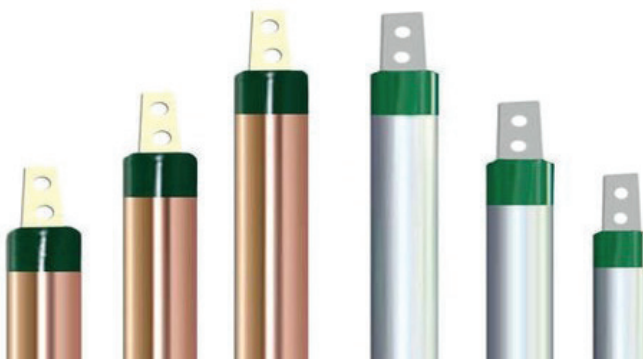
- Soil Resistivity Test
- Earth Electrode Resistance Test
- Riser Integrity Test
- Grid Integrity Test
- Effect of Corrosion
- Touch and Step Potential Test

✓ Design

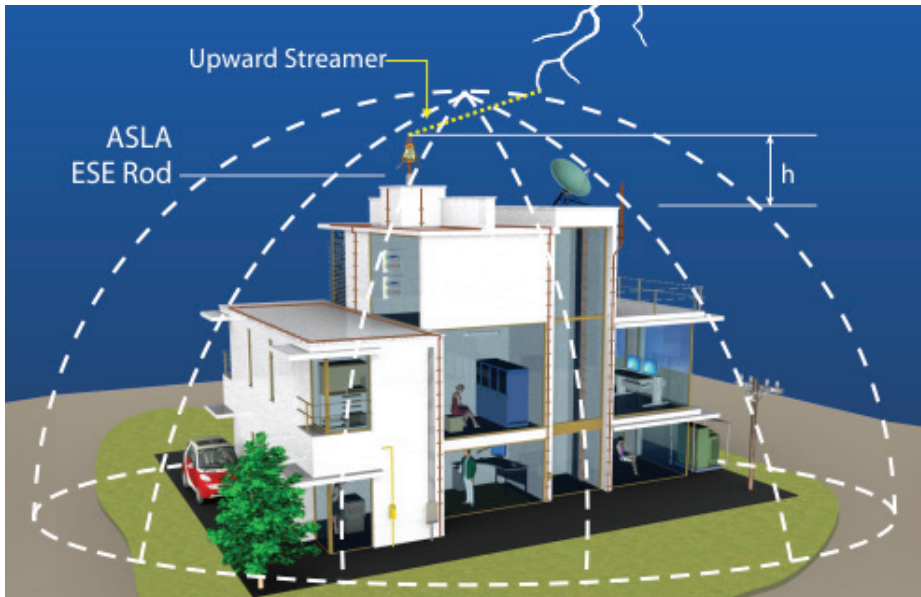
✓ Supply

✓ Installation

✓ Testing



Lightning Protection Audit



Our services

Lightning Protection System is Designed to Protect a Structure from Damage due to Lightning Strikes by Intercepting such Strikes and Safely passing their Extreme High Currents to Ground. Since it is not Possible to Predict the Lightning Strikes, It is Advisable to take Adequate Protection against Lightning Strikes.

Lightning Protection System lose their Effectiveness because of the Following Causes:

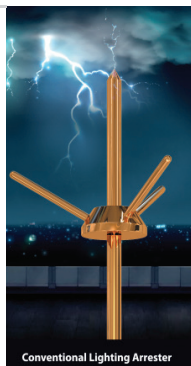
- Corrosion
- Weather related Damage
- Mechanical Damage
- Damage from Lightning Strokes

✓ Design

✓ Supply

✓ Installation

✓ Testing



Conventional Lightning Arrester



ESE Lightning Arrester



About us

Elec Power is a Team of Highly Skilled Engineers and a Professionally Managed Organization for Turnkey Solutions and Technical Services since 2015 which is Shaping the Future through Innovative Ways of Thinking and Commitment in the Area of Renewable Energy and Industrial Services. Our Mission is to Make Energy Sustainable and Electrical System Healthier. We planned to give Best Asset Management Solutions that will be Highly Rewarding to Our Users.



Vision

To Provide Sustainable Energy Business through Competent and Qualitative Electrical Turnkey Solutions and Technical Services with Safety and Reliability of the Electrical Systems of Our Clients



Mission

To Become a Comprehensive Electrical Turnkey Solutions and Technical Services Provider in the Business and Industrial Domain.

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