



Sai Solar Technology Pvt. Ltd.

An ISO 9001:2008, ISO14001:2004 & MNRE Channel Partner Company



Dear Sir/Madam,

We would like to introduce ourselves as India's leading Energy Audit, Electrical Safety Audit service provider and manufacturer in the field of Solar Energy Products. **Sai Solar Technology Pvt. Ltd** is in existence since 2011. Company office has in Noida. The Company has good infrastructure and finances to accomplish large exports and domestic orders in time. We are equipped with modern machinery and expert manpower our facility functions in adherence to international standards. Judicious investment in state-of-the-art machines and path-breaking technology provides us the impetus to offer custom configurations as desired by clients.

Sai Solar is among India's premiere Solar (Renewable Energy), LED Lights, Solar Street Lights, Home Lightening System, Solar Modules etc. Our vision is to provide cost-effective System, yet state-of-the-art technology and sustainable energy solutions. We strive to realize this vision through a host of innovative solar products including solar submersible pump, lanterns, chargers and other solar products for domestic and industrial consumption.

Sai Solar was started by a group of technocrats with extensive experience in diverse fields including the installation of Solar (Thin films, Crystalline) Module Line and Cell Line, commissioning and design of solar products. Our management team also has over two decades' experience and expertise in advertising, marketing and business management.

Services

Our team consists of Energy Audits and Electrical Safety Audits from BEE (Bureau of Energy Efficiency) an agency of the Government of India. Our company has carrying out Energy Audits and Electrical Safety Audits for a variety of facilities including Petroleum Sector, Hospitals, Hotels, Residential Building, Small, Medium and Large Scale Industrial Plants and more.....

Our teams are equipped with all necessary instruments such as Power Analyzers, Flue Gas Analyzers, Ultra Sonic Flow Meters, Lux Meters, Megger/ Earth Resistance Tester, Insulation Tester, Multimeter and Tachometers.

Our Energy Audit will analyze your energy systems and provide a full report on your current electricity and thermal consumption and annual energy spend. It would include specific energy savings proposals along with the associated repayment period of current energy related debt. We carry out through studies of the existing electrical and thermal system of your facility.

Energy Audit

Energy cost is a significant factor in daily life whether it is house, building or industry etc. The depletion of conventional resources of energy also demanding for focusing on Energy Conservation. Energy Conservation is meant for consuming lesser energy for same level of activity. For this purpose quantification of Energy in terms of input, output and wastage is very important.



Energy Audit is a survey to understand how energy is consumed in the facility from the different sources of energy (i.e. Electricity and fuels). It attempts to balance the total energy inputs with its effective use and the wastage. With the help of energy audit the opportunities of energy savings can be identified by eliminating the inefficient use of energy. Energy Audit comes up with detailed recommendations on the implementation of energy saving measures with accurate estimation of economic impacts.

The Energy Audit can help an organization by:-

1. Setting a benchmark of Energy Consumption so that the energy wastage can be easily tracked within unit and among the competitive units.
2. More profit by reducing at least one major running cost (Electricity and/or Fuel) to run the business.
3. Offering more competitive price to the customers.
4. Organization will achieve the market value by indicating themselves as environment friendly and responsible.
5. Meeting the Norms by Such as Energy Conservation Act 2001, Energy Conservation Building Code, controlling Emissions, demand, loses etc.

Electrical Safety Audit

Over 40% fire accidents happen due to fault in electric circuits, connections and always electrical system is a threat to safety of people and their property in the form of shocks, burns, injury, fire and explosion which cause damage to expensive communication equipment , loss of data, fire in cable gallery, etc.

Electrical safety audit is an activity to examine the Electrical installation suitability for the continued use. As per National Crime records bureau more than a dozen deaths are recorded per



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day due to Electrical related fire accidents. Today we cannot think of our life without Electricity usage, at the same time we cannot ignore the dangers involved in it because, Electricity cannot be smelt, heard or seen. Electrical Safety Audit brings out the non-compliance of an Electrical installation to the management, detects the incipient faults in the system, so that corrective actions can be initiated to avoid the major mishap. The Electrical safety audit is based on all or any of the following as per client specific requirements:-

1. 1956 IE Rules / Electricity Act – 2003 / National Electricity Code – 2011
2. National Building Code – 2005 (Indian)
3. Bureau of Indian Standards

Electrical safety audit mainly constitutes inspection and testing on site which come up with recommendation after data analysis. As directed by the Indian Electricity Rules-1956 (amendment 2000), Electrical installations should be subjected to periodic safety audits at regular intervals to identify the deformations in the installations, which impair safety. Generally, the audit frequency will depend on the nature and type of activities within each area of operation but should be carried out once each year, with more frequent inspections for specific areas or activities. Records of injury and damage accidents should be examined and use to identify high-risk areas and activities and consequently those needing more frequent inspection. Periodic inspection and testing of an electrical installation is an imperative activity, to maintain the Electrical systems in safe and healthy condition. Electrical Safety Audit provides the information about the following:-

1. Bypassing of fuses/ELCBs and Relay settings.
2. Storage of combustible materials near the Electrical panels/UPS/Battery if any.
3. Cables/ wires condition
4. Non-compliance to codes/standards
5. Earthling defects
6. Sealing of ducts/voids to prevent fire propagation
7. Damaged switch socket outlets
8. Satisfactory presence of MCBs/MCCBs
9. Lighting an Lux level in different areas
10. Electrical Panel installations / locations / clearances
11. Mismatch in the As built drawings and actual installations

Electrical Safety Audit mainly consists of visual inspection and review of electrical safety systems and verification of documents related to electrical safety at different stage. We are offering our services at different stages under Electrical Safety Audit as below:-



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- Review of proposed single line diagram for the premises.
- Physical visual inspection of various installations in premises with reference to the applicable Indian standards, Indian Electricity rules and design layout during Installation.
- Review of Electrical preventive maintenance program, examine the documentation, check lists, work permit, energy consumption recordings etc. once premises comes in operation.
- Testing using various instruments to determine insulation resistance, polarity, phase sequence, earth resistance and residual current etc., as required to assess the condition of the installation.
- Helping in implementation of various recommendations addressed in Electrical Safety Audit Report.
- Expected Root Cause analysis if some accident happens.

Schemes

We are helping with our team of experts by:-

1. Walk through or Preliminary Audit which is completed within few days with limited instruments and man power.
2. Detailed Energy Audit and Electrical Safety Audit which includes engineering recommendations and well-defined project, giving due priorities. The detailed audit is conducted with the help of sophisticated instruments. The number of working days and the manpower required depends upon the facility.
3. Implementing recommendations mentioned in detailed Energy Audit and Safety Audit Report.
4. Post Energy Audit to check what actual potential has been achieved once Energy Conservation Measures has been implemented.
5. Helping clients to get recognized and get benefited through the various government financial and award schemes based upon the data provided.
6. Experience: Around 100+ different types of industries/households were audited by our team members in few years.

Our Objectives

- To be globally competitive and a leader in the quality of goods and services provided.
- To provide customer satisfaction every time.
- To nurture the culture of teamwork and dedication to quality in the organization.
- To create a healthy environment for continuous prosperity.

We have already targeted Uttaranchal, Uttar Pradesh, Bihar, J&K, Andhra Pradesh, Kerala and nearly covers all over Indian states and have formally established their distributors in these states. We have also some measure clients in Globe. Sai Solar is in expansion mode and looking for more distributors and channel partners for marketing of solar products. We are also participating in Government run schemes for distributing solar energy in rural segment in the country. We have the capability to act swiftly and efficiently for supply of bulk orders related to all type of Solar Products.



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We shall be keenly looking for a close association with your esteemed Organization to provide our support in the noble mission of spreading Solar Energy in your state. We would be grateful to work with you and to make a longer relationship with your organizations

Our Policy

- Make Available the best value Services.
- Continually improve the quality of the Products & Services.
- Propagating the message of energy conservation and renewable energy sources.
- Developing Products with extended Possibilities of Energy Conservation.
- Never ending obsession for quality and excellence in every activity.
- Unlearn old ways re learn new competitive ways of doing business.
- Preserve and protect Nature.

Our Philosophy

The Basic precepts on which we function is the concept of conservation and renew ability. We believe that the energy objectives of our society can be met by innovation in the field of renewable energy sources and energy conservation. The sustains harnessing of renewable energy and propagation of energy conservation is our basic philosophy.

This can only be achieved by Energy Audit and Electrical safety Audit which is prime function of our organisations.

Our Commitment

We are committed to quality, judged by the customer as products performance and reliability. We give assurance that the products are at the forefront of technology and innovation. Most of our products meet the relevant national and International specification and requirement. The products are tested and approved by national laboratories.

We deliver a superior customer support service program including consultation, Implementation, Installation, commissioning user training and telephone/ web support.

Our company is exclusively dealing to Solar Products with following product range:-

Solar Modules & Cells

1. Poly Crystalline
2. Mono Crystalline
3. Quasi- Mono Crystalline

Solar & LED Lighting

1. Solar Power Plants
2. Solar Submersible Pump (1HP to 7HP)
3. Solar LED Street Lights (9 to 50W)
4. Solar Home Lighting
5. AC LED Street Lights (10 to 200W)



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Projects

1. Solar Farm
2. BIPV/BAPV Installations
3. Rooftop Installations

For more information about our company, please visit our company website: www.saisolar.in

Contact:

J-15, Second Floor, B S Complex,
Sector-58,
Noida-201301,
India
Tel/Fax: + 91 1204-373-525
Mobile: +91 9136-581-855
info@saisolar.in, sales@saisolar.in



ऊर्जा दक्षता ब्यूरो

(भारत सरकार, विद्युत मंत्रालय)

BUREAU OF ENERGY EFFICIENCY

(Government of India, Ministry of Power)

फा.सं.17/05/ ईएससीओ/ससे/07/664-754

15 अप्रैल 2015

मैसर्स साई सोलर टेक्नोलॉजी प्रा. लिमिटेड
जे 15, दूसरा तल, बीएस कॉम्प्लेक्स, बिशनपुरा
सेक्टर-58, नोएडा 201301, उत्तर प्रदेश

विषय: ऊर्जा दक्षता ब्यूरो (बीईई) के साथ एनर्जी सर्विस कंपनियों (ईएससीओ) को सूचीबद्ध करना।

महोदय/महोदया,

उपरोक्त विषय पर ऊर्जा दक्षता ब्यूरो के दिनांक 15 अप्रैल 2015 के पत्र की प्रति सूचना एवं आगे की आवश्यक कार्रवाई हेतु संलग्न है।

भवदीय,

संजय सेठ

ऊर्जा अर्थशास्त्री

संलग्नक: यथोपरि

स्वहित एवं राष्ट्रहित में ऊर्जा बचाएँ Save Energy for Benefit of Self and Nation



ऊर्जा दक्षता ब्यूरो

(भारत सरकार, विद्युत मंत्रालय)

BUREAU OF ENERGY EFFICIENCY

(Government of India, Ministry of Power)

F.no.17/05/ESCO/SS/07

15th April, 2015

M/s. Sai Solar Technology Pvt Ltd
J 15, 2nd Floor, BS Complex, Bishanpura,
Sector- 58, Noida – 201301, Uttar Pradesh

Sub: Empanelment of Energy Service Company (ESCO) with the Bureau of Energy Efficiency (BEE)

Sir,

This has reference to your application for re-empanelment/empanelment as an Energy Service Company with BEE in response to our advertisement for re-empanelment and fresh empanelment of ESCOs dated 12th February, 2015

Consequent to scrutiny and evaluation of your documents by SEBI accredited agencies CRISIL /CARE /ICRA in terms of the approved parameters for evaluation, we are pleased to inform that your company has qualified for empanelment with BEE as a **Grade 5** Energy Service Company (ESCO). This empanelment would be valid thru 30th March, 2017. BEE has uploaded the list of all the empanelled ESCOs along with grading score assigned by CRISIL /CARE/ICRA on its website www.bee-india.nic.in for use by State/Central government/Public Sector agencies as well as by any other agency interested in implementing energy efficiency projects on performance contracting mode. Please acknowledge your acceptance to this letter.

Thanking You

Yours faithfully,

Sanjay Seth
Energy Economist

स्वहित एवं राष्ट्रहित में ऊर्जा बचाएँ Save Energy for Benefit of Self and Nation



केन्द्रीय विद्युत अनुसंधान संस्थान

(भारत सरकार की सोसाइटी, विद्युत मंत्रालय)

प्रो सर सी. वी. रामन रोड, सदाशिवनगर डाक घर, पो. वा. सं. 8066, बेंगलूर - 560 080

CENTRAL POWER RESEARCH INSTITUTE

(A Govt of India Society under Min. of Power)

Prof. Sir C.V. Raman Road, Sadashivanagar P.O., P.B. No. 8066, Bangalore - 560 080, India

वेबसाइट/website : <http://www.cpri.in>

ENERGY EFFICIENCY AND RENEWABLE ENERGY DIVISION

Phone/Tele fax: 080-23604682 email: msb@cpri.in, ered@cpri.in

CPRI/ERED/SPV/2013

07/10/2013

To,

M/s. Sai Solar Technology (P) Ltd.
201-202, B.S. Complex, Poshanpura,
Sector -58, Noida - 201 301

Dear Sir,

Please find enclosed the test report for the following:

1. LED based Solar Street Lighting System - 1 No.

Please acknowledge the receipt of the test report. Thank you for utilizing our services.

Corrections, if any, in the report may please be brought to our notice within 45 days from the date of issue of the report.

Kindly arrange to take back the equipment tested within 15 days, failing which the same will be disposed off.

Thanking you,

Yours Sincerely,

(M. Siddhartha Bhatt)
Additional Director



Certificate of Registration

This is to certify that the
Quality Management System

of
Sai Solar Technology Pvt. Ltd.

at
J-15, 2nd Floor B S Complex, Bishanpura, Sector-58,
Noida-201301, U.P. India.

has been independently assessed and is compliant
with the requirements of :

ISO 9001 : 2008

For the following Scope of Activities :

Manufacturing and Supplying of Solar Energy Equipment, Solar & AC LED Street Lights, Solar & AC Submersible Pump and Surface Pump, Emergency Lights, Solar Power Plants, Grid Connected Rooftop, Off Grid Systems, Renewable Energy Equipments, High Mast Lights & Fixtures of street light, pole, mounting structure.

Certificate Number : QM-11032

Validity of this certificate can be verified at www.ukcert.co.uk

Date of initial registration
Date of this certificate
Certificate expiry
Recertification due (subject to the company
maintaining its system to the required standard)

05th August 2015
05th August 2015
04th August 2018
04th August 2018

Daniel
Authorised Signatory



This certificate is the property of UK Certification & Inspection Limited and shall be returned immediately on request
4 Jupiter House, Calleva Park, Aldermaston, Reading Berkshire RG7 8NN. UK
Website: www.ukcert.co.uk

Certificate



Certificate of Registration

This is to certify that the
Environment Management System

of
Sai Solar Technology Pvt. Ltd.

at
J-15, 2nd Floor B S Complex, Bishanpura, Sector-58,
Noida-201301, U.P. India.

has been independently assessed and is compliant
with the requirements of :

ISO14001:2004

For the following Scope of Activities :

Manufacturing and Supplying of Solar Energy Equipment, Solar & AC LED Street Lights, Solar & AC Submersible Pump and Surface Pump, Emergency Lights, Solar Power Plants, Grid Connected Rooftop, Off Grid Systems, Renewable Energy Equipments, High Mast Lights & Fixtures of street light, pole, mounting structure.

Certificate Number : UE-110040

Validity of this certificate can be verified at www.ukcert.co.uk

Date of initial registration
Date of this certificate
Certificate expiry
Recertification due (subject to the company
maintaining its system to the required standard)

19th August 2015
19th August 2015
18th August 2018
18th August 2018

Daniel
Authorised Signatory



This certificate is the property of UK Certification & Inspection Limited and shall be returned immediately on request
4 Jupiter House, Calleva Park, Aldermaston, Reading Berkshire RG7 8NN. UK
Website: www.ukcert.co.uk

Certificate