

*Shake Hand with Us, To Save Energy  
Shake Hand with Us, To Save Life and Property*



## SAURABH ENGINEERING SERVICES

Electrical Safety & Energy Auditors

Electrical Engineering Consultants

Supplier for Electrical Measuring Instruments

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Registered with  
MEDA, GEDA, HPCL, IOCL, BPCL, RBI, SBI,  
PNB, BOI, Punjab & Sind Bank.

## ABOUT

Saurabh Engineering Services is established by Mr. S.D. Bhattad and Mrs. Asha Bhattad having head quarter at Nagpur with a motive of making significant impression within Electrical Safety, Energy Efficiency & Electrical Consultancy Services.

## ACHIEVEMENTS

In short span of 11 years, firm has done Electrical Safety Audits / Energy Audits / Power Audits / Consultancy Assignments for more than 11,000 nos installations of different kind like. Petroleum Depot, LPG Plant, ASF, Petroleum Retail Outlets, Industries, Banks, Administrative Offices, Data Centers, Hospitals, Hotels, Engineering Colleges, Municipal Water Works, Street Lights System & Electrical Crematoriums.

SES is working on PAN India basis and has provided services in Maharashtra, Madhya Pradesh, Andhra Pradesh, Telangana, Uttar Pradesh, Karnataka, Tamil Nadu, Goa, Gujarat, Chhattisgarh, Bihar, West Bengal, Uttrakhand, Himachal Pradesh, Punjab, Rajasthan, Odisha, Haryana, Jharkhand, Jammu & Kashmir, Assam, Meghalaya, Arunachal Pradesh, Manipur, Mizoram & Kerala.

## STRENGTH

SES has Electrical Contractor License from Department of Industry, Energy & Labor of Govt. of Maharashtra.

SES is Empanelled with Maharashtra Energy Development Agency(MEDA) & Pune Nodal agency for Maharashtra from BEE, as "**Energy Planner and Energy Auditor**" in Maharashtra under save Energy Programme of MEDA under Class "A" category.

SES is also registered with GEDA, HPCL, BPCL, IOCL, SBI, RBI, BOI, PNB and Punjab & Sind Bank for Electrical safety & Energy Audit Assignment & has team of qualified & experienced Engineers & Technicians with latest Audit Instruments.

Our Client list includes HPCL, BPCL, IOCL, ONGC Ltd., RBI, Vijaya Bank, SBI, SBH, Canara Bank, Andhra Bank, Allahabad Bank, Indian Bank, Indian Overseas Bank, Bank of India, Bank of Maharashtra,

Punjab & Sind Bank, Western Railway Mumbai, CPWD, APMC-Nagpur, Kavikulguru Kalidas Sanskrit University, Nashik Municipal Corporation, Wardha / Hinganghat / Seloo / Wadi / Lonand Municipal Council etc. in public sector.

Tata Consultancy Services, Godrej Agrovet Pvt. Ltd., Lokmat Media Pvt. Ltd., Asian Paints Ltd., Spacewood Furnishers Pvt. Ltd., Superior Drinks Pvt. Ltd., (Bottler of Coca Cola Company), DRA Consultant Pvt. Ltd, Reliable Enterprises, Central India Engineering Pvt.Ltd., Kapilansh Dhatu Udyog, Smart Data Enterprises India Ltd., Hardoli Paper Mills Ltd., Vishvaraj Environment Pvt. Ltd., Hotel The Nagpur Ashok, CIIMS Hospital Nagpur, Tesla Transformers Ltd., Orpak Systems India Pvt.Ltd., Technodeal Enerpower Private Ltd., Haldiram Foods International Ltd., Logistics Park India Pvt. Ltd., Power Matrix Solutions Private Ltd. are our clients in private sector.

## **ABOUT FOUNDER**

Mr. S.D. Bhattad has more than 32 years of broad experience in the field of Electrical Engineering, Electrical Safety & Energy Audit, Project Execution, Consultancy & Maintenance. Out of which 10 years' experience is as the Head of Electrical Engg. Department at Raymond Ltd. Chhindwara division, a 450 Crores composite Textile unit. He had additional responsibility as Energy Manager & Co-coordinator for Small Group Activity for Energy conservation at this Plant.

Mr. S.D. Bhattad has done his B.E. from VRCE (Presently known as VNIT) Nagpur. He has also done MBA and passed BEE Certified Energy Auditor exam (CEA). He is also a Chartered Engineer from The Institution of Engineers (India).

He was selected for 3 weeks Energy Conservation Technology Capacity building training Programme in Japan for India at Yokohoma and various places at Japan & attended the same.

Details of our Services & Credentials for major Clients are given further.

## SERVICES OFFERED

- ELECTRICAL SAFETY AUDIT (ESA) / ELECTRICAL FIRE SAFETY AUDIT
- INFRARED THERMOGRAPHY
- COMPREHENSIVE ENERGY AUDIT.
- EARTH RESISTANCE TESTING / MEASUREMENTS
- WINDING RESISTANCE TESTING / MEASUREMENTS
- PREPARATION & UPDATION OF SINGLE LINE DIAGRAM
- PREPARATION & UPDATION OF EARTHING PIT LAYOUT / CABLE LAYOUT
- POWER QUALITY AUDIT & HARMONICS STUDY
- ELCB / RCCB TESTING
- ELECTRICAL AUDIT INSTRUMENTS RENTAL SERVICES

## SUPPLIER FOR ELECTRICAL MEASURING INSTRUMENTS





# Assignments done for OIL & GAS Sector

## HINDUSTAN PETROLEUM CORP. LTD.

**ESA assignments are carried out for following HPCL Depot / Terminals/IRD:-**

- Secunderabad Terminal, Kakinada Terminal, Vijayawada Terminal, Kadapa New IRD, Visakhapatnam New White & Black Oil Terminal & Rajahmundry Terminal in Andhra Pradesh & Telangana
- Guwahati IRD in Assam
- Vasco Da Gama Depot in Goa
- Hassan, Gulbarga, Hubli IRD & Mangalore Terminal in Karnataka
- Irumpanam Terminal, Cochin Terminal & Kozhikode IRD in Kerala
- Rairu Depot at Gwalior, Jabalpur IRD & Sagar IRD in Madhya Pradesh
- Manmad Depot, Sewree-I & II Terminal, Vashi White Oil Terminal, Vashi Black Oil Terminal, Wadala Terminal & Mahul Terminal in Maharashtra
- Coimbatore IRD, Tirunelveli IRD, Chennai New Terminal, Irumpanam Terminal, Madurai New IRD, Cassimode Terminal & Trichy Lube Oil Depot in Tamil Nadu
- Suryapet Terminal & Ramagundam IRD in Telangana
- Mathura & Jhansi Depot in Uttar Pradesh

**ESA assignments are carried out for following HPCL LPG Bottling Plants:-**

- Chakan LPG Plant (Pune) & Aurangabad LPG Plant in Maharashtra
- Jamshedpur LPG Plant in Jharkhand
- Hoshiarpur LPG Plant in Punjab
- Ajmer LPG & Kota LPG Plant in Rajasthan
- Gummidipoondi LPG Plant in Tamil Nadu
- Palghat LPG Plant in Kerala
- Jatni LPG Plant in Odisha
- Cochin LPG Plant in Kerala
- Kota LPG Plant in Rajasthan

**Infrared Thermography assignments are carried out for following Depot / Terminals / LPG Plant:-**

- Guwahati IRD in Assam
- Rairu Depot at Gwalior in Madhya Pradesh
- Jabalpur IRD in Madhya Pradesh
- Kota LPG Plant in Rajasthan
- Kadapa New IRD in Andhra Pradesh
- Ramagundam IRD in Telangana
- Rairu IRD in Madhya Pradesh
- Ajmer LPG Plant in Rajasthan
- Sewri Terminal in Maharashtra
- Lucknow IRD in Uttar Pradesh
- Aurangabad LPG Plant in Maharashtra





# Assignments done for OIL & GAS Sector

## HINDUSTAN PETROLEUM CORP. LTD.

**ESA assignments are carried out for following HPCL ASF:-**

- Palam ASF in Delhi
- Gaggal ASF in Himachal Pradesh
- Jammu & Srinagar ASF in Jammu & Kashmir
- Mohali ASF in Punjab
- Jaipur ASF in Rajasthan
- Varanasi & Lucknow ASF in Uttar Pradesh
- Dehradun ASF in Uttarakhand
- Amritsar ASF in Punjab

**ESA assignments are carried out for following HPCL Residential Colonies:-**

- Officers Colony at Chennai in Tamil Nadu
- Officers Colony at Delhi
- Officers Colony at Jaipur in Rajasthan

**ESA assignments are carried out for following HPCL Regional Offices:-**

- Jabalpur in Madhya Pradesh
- Mumbai in Maharashtra
- Jaipur in Rajasthan
- Varanasi in Uttar Pradesh

**Energy Audit assignments are carried out for following HPCL Depot / Terminals / LPG Plant / ASF:-**

- Sangrur POL Depot & Rewari IRD in Haryana
- Jammu IRD & Srinagar Depot in Jammu & Kashmir
- Jamshedpur LPG Plant in Jharkhand
- Rairu Depot at Gwalior & Sagar IRD in Madhya Pradesh
- Sewree-I Terminal, Vashi White Oil Terminal & Wadala Terminal in Maharashtra
- Ajmer LPG Plant in Rajasthan
- Lucknow IRD in Uttar Pradesh
- Naliya ASF & Bhuj ASF in Gujrat

**Energy Audit assignments are carried out for following HPCL Regional Offices:-**

- Bhopal, Indore & Jabalpur in Madhya Pradesh
- Nagpur, Pune, Vashi, Mumbai & Aurangabad in Maharashtra
- Vasco-Da-Gama in Goa
- Jaipur in Rajasthan
- Meerut, Lucknow, Varanasi & Agra in Uttar Pradesh

**Preparation of Single Line Diagram/Cable Layout/ Earth Pit Layout assignments are carried out for following HPCL Depot / Terminals:-**

- Irumpanam Terminal, Cochin Terminal & Kozhikode IRD in Kerala
- Coimbatore IRD, Tirunelveli IRD, Madurai IRD, Cassimode Terminal & Chennai New Terminal in Tamil Nadu

**More than 4000 nos Electrical Safety Audit Assignments are carried out for Petroleum Retail Outlets in Maharashtra, Andhra Pradesh, Tamil Nadu, Rajasthan, Madhya Pradesh, Gujarat, Odisha, Punjab, Haryana, West Bengal, Jharkhand, Telangana & Kerala.**



## **BHARAT PETROLEUM CORP. LTD.**

### **ESA assignments are carried out for following BPCL Depot / Terminal:-**

- Haldia LPG Import Terminal in West Bengal
- Paradeep Coastal Oil Installation in Odisha
- Bhilai Depot at Bhilai in Chhattisgarh
- Koyali Installation (Vadodara) in Gujarat
- Sidhpur TOP (Sidhpur) in Gujarat
- Raichur Depot in Karnataka
- Bhitoni Depot (Jabalpur) in Madhya Pradesh
- Manmad Installation in Maharashtra
- Borkhedi Depot (Nagpur) in Maharashtra
- Miraj Depot (Sangli) in Maharashtra
- Gaigaon Depot (Akola) in Maharashtra
- Mughalsarai Depot in Uttar Pradesh
- Sahajahanpur Depot in Uttar Pradesh
- Bakania Depot in Madhya Pradesh
- Akolner Depot in Maharashtra
- Mangalia Receipt Terminal in Madhya Pradesh

### **ESA assignments are carried out for following BPCL LPG Bottling Plant:-**

- Dharwad LPG Plant in Karnataka
- Sinner LPG Plant (Nashik) in Maharashtra
- Butibori Nagpur LPG Plant in Maharashtra
- Loni LPG Plant in Uttar Pradesh
- Coimbatore LPG Plant in Tamil Nadu
- Chennai LPG Plant in Tamil Nadu
- Hariyala LPG Plant in Gujarat

### **Infrared Thermography assignments are carried out for following BPCL Depot/LPG Plant :-**

- Bhitoni Depot in Madhya Pradesh
- Koyali Installation in Gujrat
- Akolner Depot in Maharashtra
- Nagpur LPG Plant in Maharashtra
- Mangalia Depot in Maharashtra
- Raichur Depot in Karnataka
- Bhitoni LPG Plant in Madhya Pradesh
- Raipur IRD in Chhattisgath



## **BHARAT PETROLEUM CORP. LTD.**

**ESA assignments are carried out for following BPCL AFS:-**

- Goa AFS in Goa
- Indore AFS in Madhya Pradesh
- Nagpur AFS in Maharashtra
- Nanded AFS in Maharashtra
- Gwalior AFS in Madhya Pradesh
- Amritsar AFS in Punjab
- Ambikapur AFS in Chhattisgarh
- Raipur AFS in Chhattisgarh
- Pune AFS in Maharashtra

**ESA assignments are carried out for following BPCL Residential Buildings :-**

- Colony for Bhitoni LPG Plant, Jabalpur in Madhya Pradesh

**Energy audit assignments are carried out for following BPCL Depot / Terminal:-**

- Bhilai Depot in Chhattisgarh
- Akolner Depot in Maharashtra
- Bhitoni Depot in Madhya Pradesh
- Borkhedi Depot in Maharashtra

**Preparation of Single Line Diagram/Cable Layout/ Earth Pit Layout**

**assignments are carried out for following BPCL Depot / Terminal/LPG Bottling Plant:-**

- Sidhpur TOP (Sidhpur) in Gujarat
- Bakania Depot in Madhya Pradesh
- Dharwad LPG Plant in Karnataka
- Raichur Depot in Karnataka
- Butibori Nagpur LPG Plant in Maharashtra
- Sahajahanpur Depot in Uttar Pradesh
- Mughalsarai Depot in Uttar Pradesh
- Akolner Depot in Maharashtra
- Bakania Depot in Madhya Pradesh
- Amritsar AFS in Punjab
- Gwalior AFS in Madhya Pradesh

**ESA assignments are carried out for More than 100 Retail Outlets in Maharashtra, Chhattisgarh, Madhya Pradesh & Rajasthan.**





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**ESA assignments are carried out for following IOCL Depot/Terminals :-**

- Miraj Depot (Miraj) in Maharashtra
- Vasco Terminal in Goa
- JNPT Bulk Oil Terminal in Maharashtra
- Dhule Depot in Maharashtra
- Ahmednagar Depot in Maharashtra

**Infrared Thermography Study assignments are carried out for following IOCL Depot / Terminals / LPG Plant / FST :-**

- Bhavnagar LPG Bottling Plant in Gujarat
- IOCL Farrukhabad LPG Bottling Plant in Uttar Pradesh
- Devangonhi Terminal in Karnataka
- Miraj Depot in Maharashtra
- Akola Gaigaon Depot in Maharashtra
- Ahmednagar Depot in Maharashtra
- Chennai FST in Tamil Nadu
- Vasco Terminal in Goa
- Dhule Depot in Maharashtra
- Wadala Terminal in Maharashtra
- Chandrapur Bulk Petroleum Depot in Maharashtra
- Sewree-I & Sewree-II Terminal in Maharashtra
- Bulk Petroleum Depot, Khapri in Maharashtra
- IOCL Small Can Filling Plant, Khapri in Maharashtra

**ESA assignments are carried out for following AFS/RCD :-**

- Dabolim AFS in Goa
- Vadodara AFS in Gujrat
- Porbandar AFS in Gujarat
- Surat AFS in Gujarat





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## INDIAN OIL CORP. LTD.

- Bhopal AFS in Madhya Pradesh
- Aurangabad AFS in Maharashtra
- Pune AFS Site-A & Site-B in Maharashtra
- RCD Ambala in Haryana
- RCD Kalka in Haryana
- RCD Rohtak in Haryana
  
- **Earthing Audit assignment carried out for Mathura Marketing Terminal in Uttar Pradesh**
- **Preparation of Electrical Single Line Diagram assignment for Ahmednagar & Akola Depot in Maharashtra**
- **More than 6,000 nos Electrical Safety Audit Assignments are Carried out for Petroleum Retail Outlets under-IOCL Panipat & Hisar Divisional Offices, Belgaum, Bellary Bangalore & Mysore Divisional Offices, Udaipur, Jaipur, Jodhpur, Ajmer Divisional Offices, Rajkot Divisional Office & Lucknow Divisional Office**



**IOT IOTL / ZIOTL**

**ESA assignments are carried out for following IOTL/ZIOTL Depot, Terminal & Booster Pumping Station :-**

- POL-Common User Terminal at Raipur in Chhattisgarh
- Sancoale Oil Terminal in Goa
- Sancoale Booster Pumping Station in Goa
- Paradeep Terminal in Odisha
- Ramamandi Terminal, Bhatinda in Punjab



# Assignments done for Power Quality

Power Quality Audit / Harmonics Study assignments / Harmonics Measurement are carried out for following Clients / locations :-



IOCL SRPL Chennai in Tamil Nadu



Four Nos CPWD Building at Hyderabad, Telangana,

- A G Office
- Sardar Vallabhbhai Patel National Police Academy Site-A
- Sardar Vallabhbhai Patel National Police Academy Site-B
- National Institute For the Mentally Handicapped Building



Vishvaraj Enviroment Pvt.Ltd. for Bhandewadi, Pioli & Pohra STP



Saaj Food Products Pvt.Ltd. Nagpur Maharashtra



Spacewood Furnishers Pvt.Ltd. Nagpur, Maharashtra



Hardoli Paper Mills Ltd, Nagpur, Maharashtra



Power Matrix Solutions Pvt. Ltd., Mumbai, Maharashtra



# Assignments done for Municipal Sector



## Government of Maharashtra

### Directorate of Municipal Administration

**Street Lighting System Energy Audit Assignments are Carried out for Following Municipal Councils**

- Wardha
- Hinganghat
- Seloo
- Wadi
- Lonand



Electricity Bills Monitoring Consultancy assignment for Nashik Municipal Corporation, Nashik



**Energy audit assignments are carried out for Water Supply System / Street Light System / Electrical Crematorium at following Municipal Corporation / Council for DRA Consultants Ltd., Nagpur**

- Municipal Corporation of Greater Mumbai (MCGM) in Maharashtra
- Ahmedabad Municipal Corporation in Gujarat
- Patna, Begusarai & Samastipur Municipal Corporation / Council in Bihar
- Bhopal, Jabalpur, Indore & Gwalior Municipal Corporation in Madhya Pradesh
- Chandrapur Municipal Corporation in Maharashtra
- Agra Municipal Corporation in Uttar Pradesh
- Jalgaon Municipal Corporation in Maharashtra
- Sinnar Municipal Council in Maharashtra
- Pandarkawda Municipal Council in Maharashtra
- Deulgaoraja Municipal Council in Maharashtra
- Deoli Municipal Council in Maharashtra
- Sindhi Municipal Council in Maharashtra
- Umarkhed Municipal Council in Maharashtra
- Amalner Municipal Council in Maharashtra
- Chopda Municipal Council in Maharashtra
- Tumsar Municipal Council in Maharashtra
- Darwa Municipal Council in Maharashtra
- Sangamner Municipal Council in Maharashtra
- Umred, Yeola, Mul & Pauni Municipal Council in Maharashtra

# Assignments done for Banking Sector



## ESA for Reserve Bank of India Multistoried Buildings at

- Bhopal in Madhya Pradesh
- Guwahati in Assam
- Patna in Bihar
- Ranchi in Jharkhand
- Kolkata in West Bengal
- Chandigarh (Union Territory)



Electrical Audit for more than 1200 Branches of State Bank of India under Chandigarh, Jabalpur, Mandala, Guna, Bhatinda, Hissar, Jalandhar, Jammu, Kurukshetra, Panipat, Patiala, Ropar, Pathankot, Shimla, Mandi, Chhatarpur, Banjara Hills, Vikarabad, Warangal Rural & Urban, Mehadapatnam, FIMM Karimnagar, Dilsukhnagar, FIMM Mehbubnagar, SME Secunderabad & Hyderabad Regional Offices and Secunderabad, Hyderabad & Panchkula Administrative Offices



ESA & Energy Audit for 154 Branches under Lucknow Region in Uttar Pradesh & Mysore Region in Karnataka



Electrical Safety Audit of 125 Branches, ATMs and administration offices of Andhra Bank located in Pune Zone, Jaipur Zone, Kurnool Zone, Chennai Zone & Ludhiana Zone



ESA & Energy Audit for more than 150 Branches of State Bank of Hyderabad, Under Mumbai, Aurangabad, Parbhani, Beed, Nashik, Nanded & Hyderabad Regional Offices



ESA & Energy Audit for more than 300 Branches of Bank of Maharashtra under Nagpur, Amravati, Chandrapur & Jabalpur Zonal Office



Electrical Safety Audit of 70 Branches Offices / ATMs Located at Vidarbha, Marathwada & Hyderabad Regions



Electrical Audit for 40 Branches under Nagpur Region in Maharashtra



ESA & Energy Audit for 13 Branches under Nagpur Region, Maharashtra

## Assignments done for Hospitals & Colleges



Electrical Safety Audit at Swargiya Dadasaheb Kalmegh Dental College & Hospital, Maharashtra.

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ESA & Energy Audit For Central India Institute Of Medical Sciences, (CIIMS), Nagpur.

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Electrical Safety Audit at CritiCare Hospital, Nagpur, Maharashtra.

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Electrical Safety Audit at Seth GS Medical College & KEM Hospital, Mumbai, Maharashtra.

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Energy Audit for Maharashtra Animal & Fishery Sciences University

- Nagpur Office Building
- Post Graduate Institute of Veterinary & Animal Sciences, Akola Building.
- Bombay Veterinary College, Goregaon Campus, Parel Campus, Igatpuri Farm in Mumbai, Maharashtra.



## Assignments done for Other Sectors



Tata Consultancy Services, Mumbai

500 nos Power Audits for more than 250 nos Test Centers of Nagpur, Pune & Mumbai Region.

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Energy Audit for Lokmat Media Pvt. Ltd., Lokmat Bhawan, Nagpur, Maharashtra.

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ESA & Energy Audit for Godrej Agrovet Pvt. Limited, Nagpur Plant, Nagpur, Maharashtra.

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Energy Audit for Superior Drinks Pvt. Ltd., Nagpur Bottler of Coca Cola Company

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ESA for Asian Paints Pvt. Ltd., Godown in Nagpur.

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ESA for Oil & Natural Gas Corporation Limited Rajahmundry Asset, Andhra Pradesh.

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Walk through Energy Audit (WTEA) of 100 nos Government Schools in Jharkhand State by Jharkhand Renewable Energy & Development Agency (JREDA).

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Electrical Safety & Energy Audit of JNCASR Campus at Bangaluru Karnataka.

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Energy Audit of 13 Nos Multistoried Buildings of CPWD at Hyderabad, Secunderabad, Vijayawada & Kolkata.

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Energy Audit for Western Railway, Lower Parel Workshop in Mumbai & Central Railway, Moti Bagh Workshops in Nagpur.



## SAURABH ENGINEERING SERVICES

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Electrical Engineering Consultants

SES is registered with MEDA, GEDA

HPCL Reg. No-28107275

BPCL Reg. No -343431

IOCL Reg. No -11951761

Electrical Contractor License No. 28606

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