



# ALERTING CUSTOMERS

AHEAD OF SUDDEN ELECTRICAL ACCIDENTS, SHUTDOWNS & LOSSES IN ELECTRICAL BILLS.



- **60-70% OF FIRE ACCIDENT ARE OF ELECTRIC ORIGIN\*\***
- **CUT YOUR BUSINESS ENERGY COST UPTO 25-30%\***
- **ENSURE YOUR SYSTEM FOLLOW STATUTORY REQUIREMENTS**



## For Enquiry

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**56% disasters in industries due to electrical faults.**

**38% of commercial properties are able to use only 75% of their energy resources.**



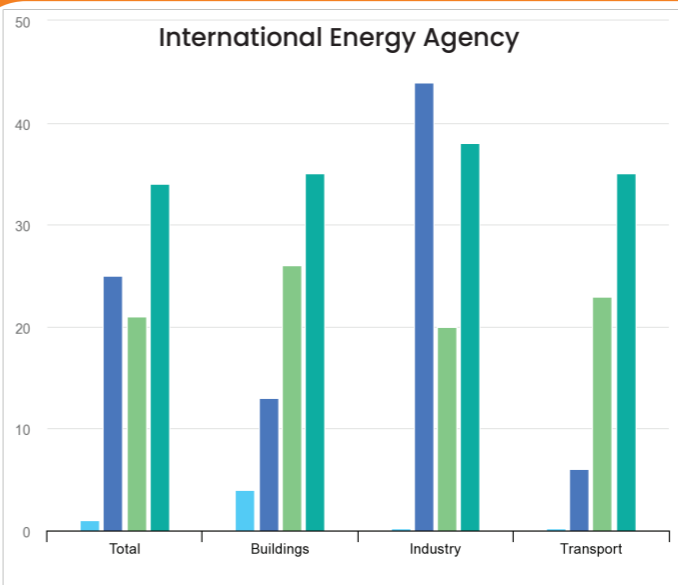
**Department of Delhi Fire Services**  
Government of NCT of Delhi

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**Fire Safety Precautions Against Electricity**

About 60% fires are of electric origin on account of electric short circuit, overheating, overloading, use or non standard appliances, illegaltapping of electrical wires, improper electrical wiring, carelessness and ignorance etc. It can lead to serious fire and fatal accidents, if proper instructions are not followed. Such incidents can be minimized to a great extent if adequate fire precautions are observed. Electrical fires spread rapidly especially in buildings and cause loss of lives and property. It is, therefore, necessary to act fast. Raise an alarm for help. Switch off power supply to de-energise the equipment. Use drysand, CO2, dry powder or Halon extinguishers.

**More than 60% of all fires are the result of electric short circuits, overheating, and overloading.**



**International Energy Agency**

Sector	Energy Use (%)
Total	24.5
Buildings	13
Industry	44
Transport	18

**24.5% of India's total energy use was covered by mandatory energy efficiency policies.**





# Here's the solution?

Electric Safety Inspection(ESI)& Energy Audit(EA)

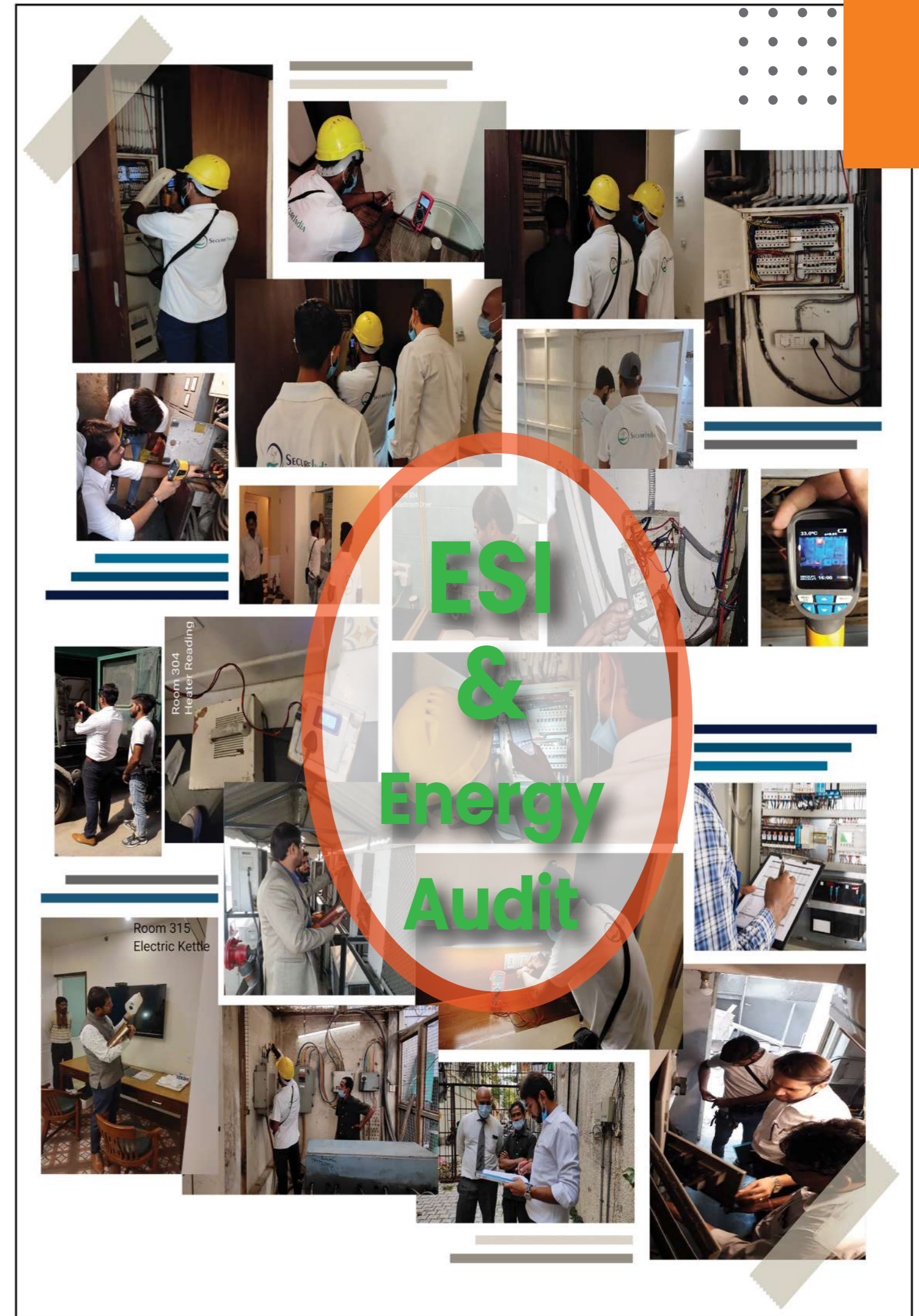
By performing an ESI and an EA on a regular basis, our electric problems become minimal.

A reduction of fire risk is possible.

Identify faulty electrical appliances.

Make your facility more energy-efficient.

Compliance with electrical safety standards.







## **ELECTRIC SAFETY INSPECTION**



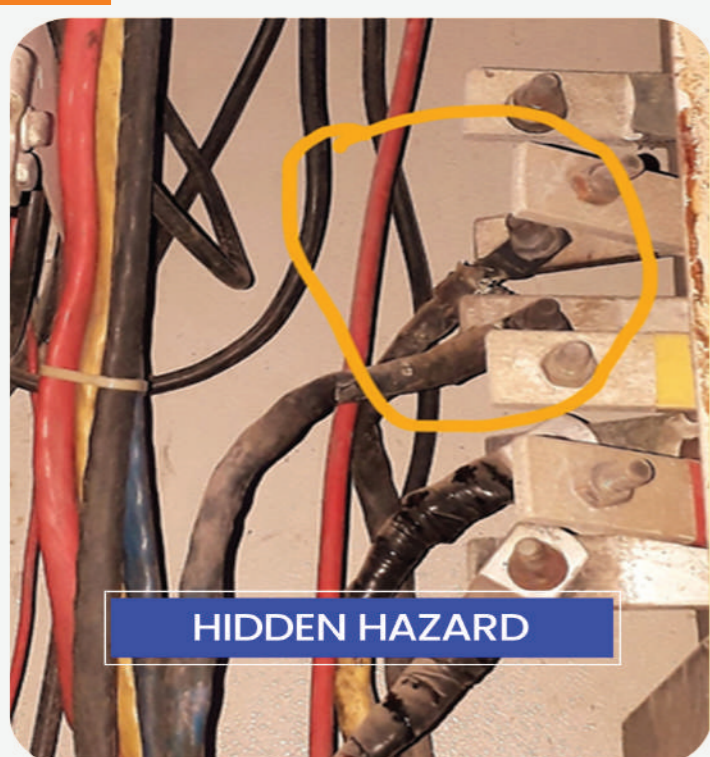
- Over Load connected
- Wires / MCB over heating
- Wires / MCB underrating
- Improper Earth connections
- Lack of Safety Devises
- Proper Load sharing on Phases

An Electrical Hazard Can Produce Shocking Results. "As Electricity Is A Good Slave, But It's A Bad Master"

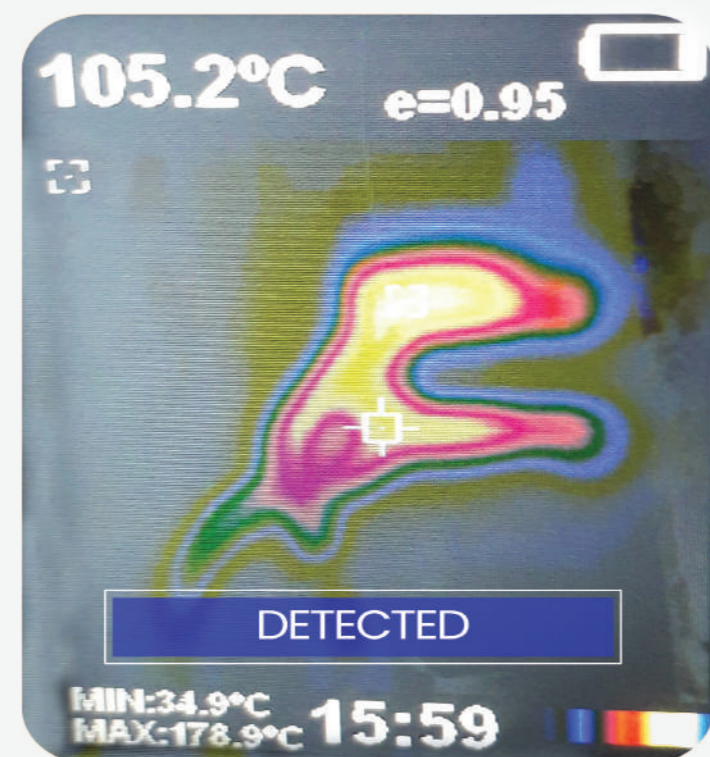
Fortunately, electricity always works on certain principles. In this way, we can determine whether a system is healthy or not.

Lets see how we can use ESI to detect hazards & prevent damage or accidents before they occur.





HIDDEN HAZARD

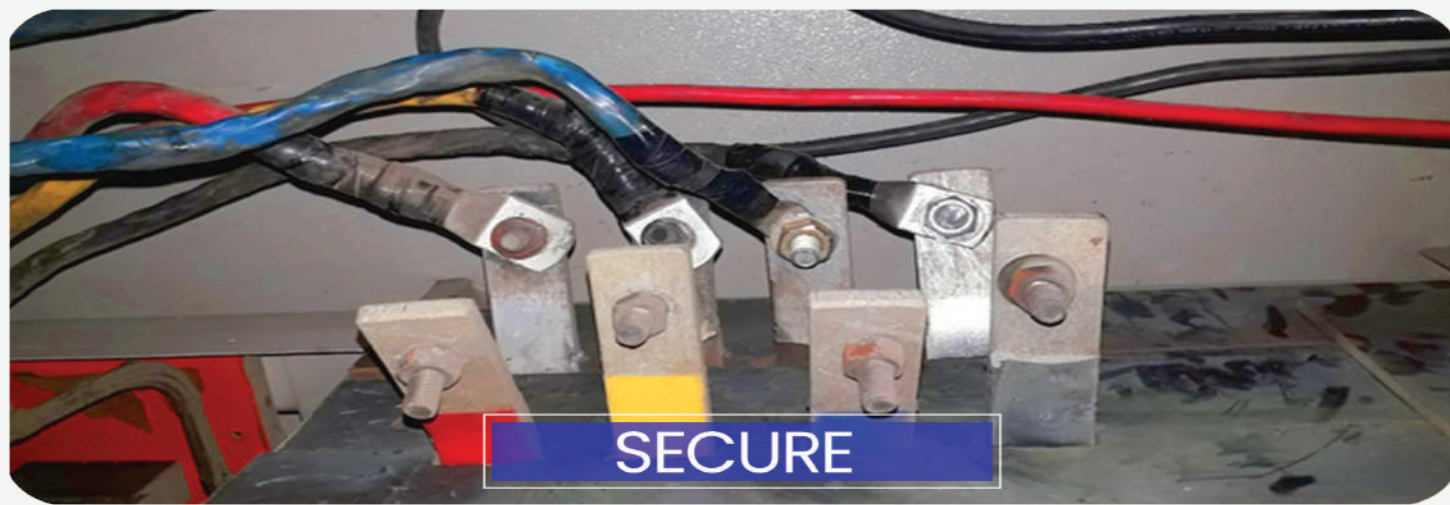


DETECTED

MIN:34.9°C MAX:178.9°C 15:59



CORRECT



SECURE

With Bare Eyes, An Electric System Can Appear Normal But Can Have Major Hazards Hidden In It.

As can be seen in the image.

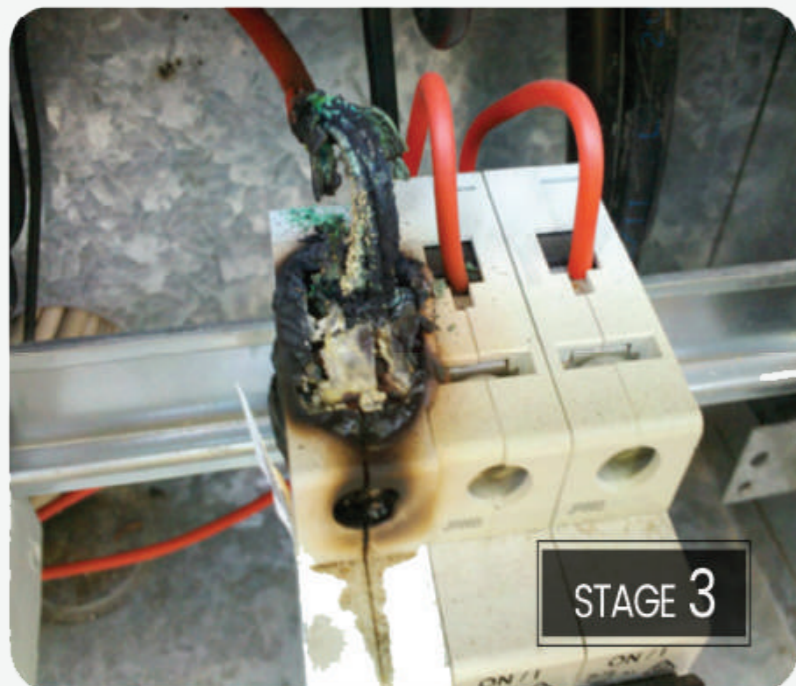
A loose connected wire is at 178 °C, it can disconnect anytime & can come in contact with other wires hence it can start fire in the system.

As it is a neutral wire, if it gets disconnected, all fixtures connected to it will be damaged because it is a three-phase system.

The accident had been prevented because this hazard was detected during ESI and get fixed timely.



# SECUREINDIA



Everything changes with time, so too does hazard transform from hazard to accident after a certain period of time.

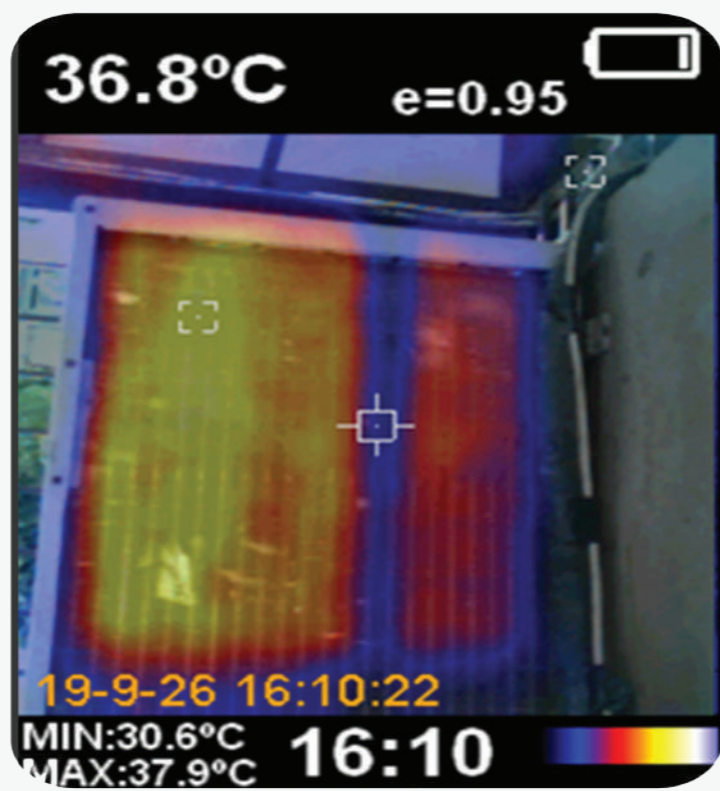
As can be seen in the image.

Before a hazard turns into an accident, it has its own life cycle. ESI is a proactive approach to detect & stop this cycle.





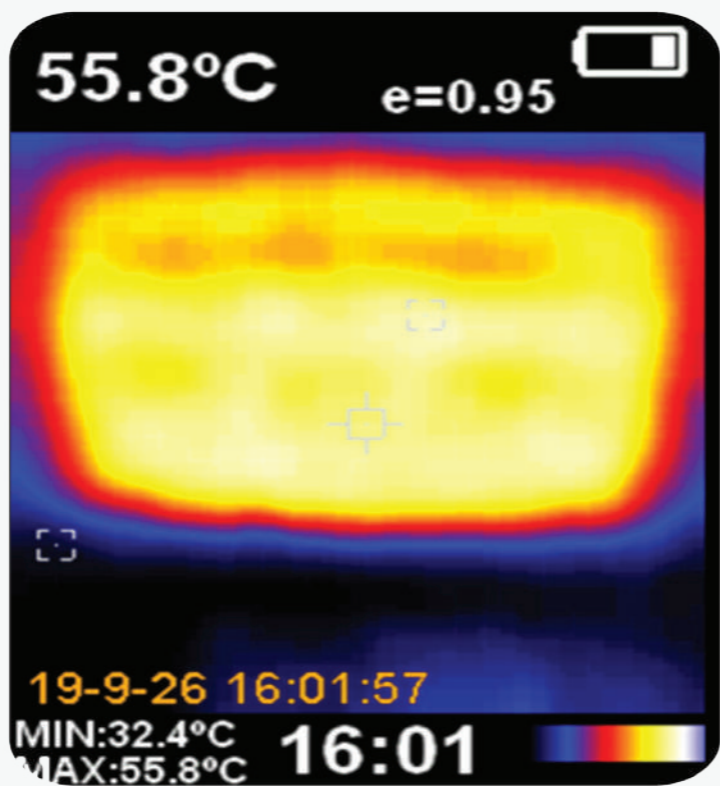
INSPECT



PROBLEM DETECTED



PROBLEM DETECTED



CORRECT MACHINE

Machines are ready to tell us their condition. If we listen to them in their language.

As can be seen in the image. We can see that blockage in capillary is detected during ESI and if it is not corrected timely it will negatively impact the compressor in the future.





**SECUREINDIA**  
Be Smart Be Secure Be Automated

## Energy Audit

**Reduce  
Your  
Business  
Energy  
Cost By  
25-30%\***

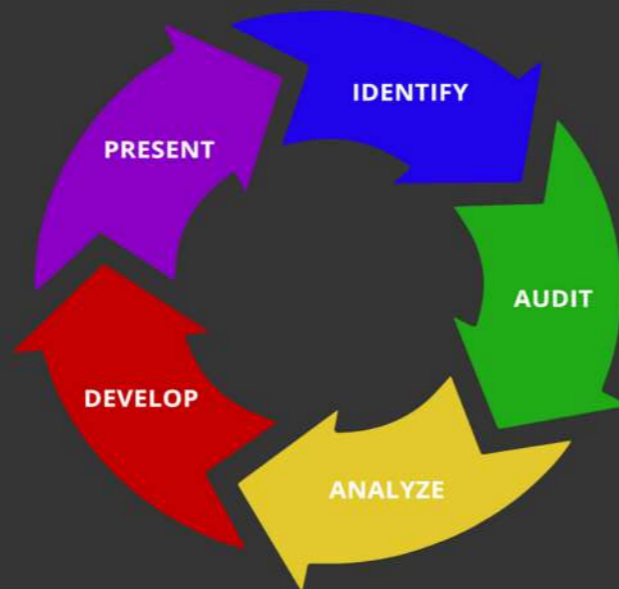
SUMMER'S HEAT OFTEN BRINGS HEAT IN ELECTRIC BILLS  
WE CAN MANAGE IT WITH THE HELP OF AN ENERGY AUDIT

WITH THE HELP OF ENERGY AUDIT, WE CAN REDUCE ELECTRICITY  
BILL & CAN INCREASE EFFICIENCY OF YOUR ELECTRIC APPARATUS.

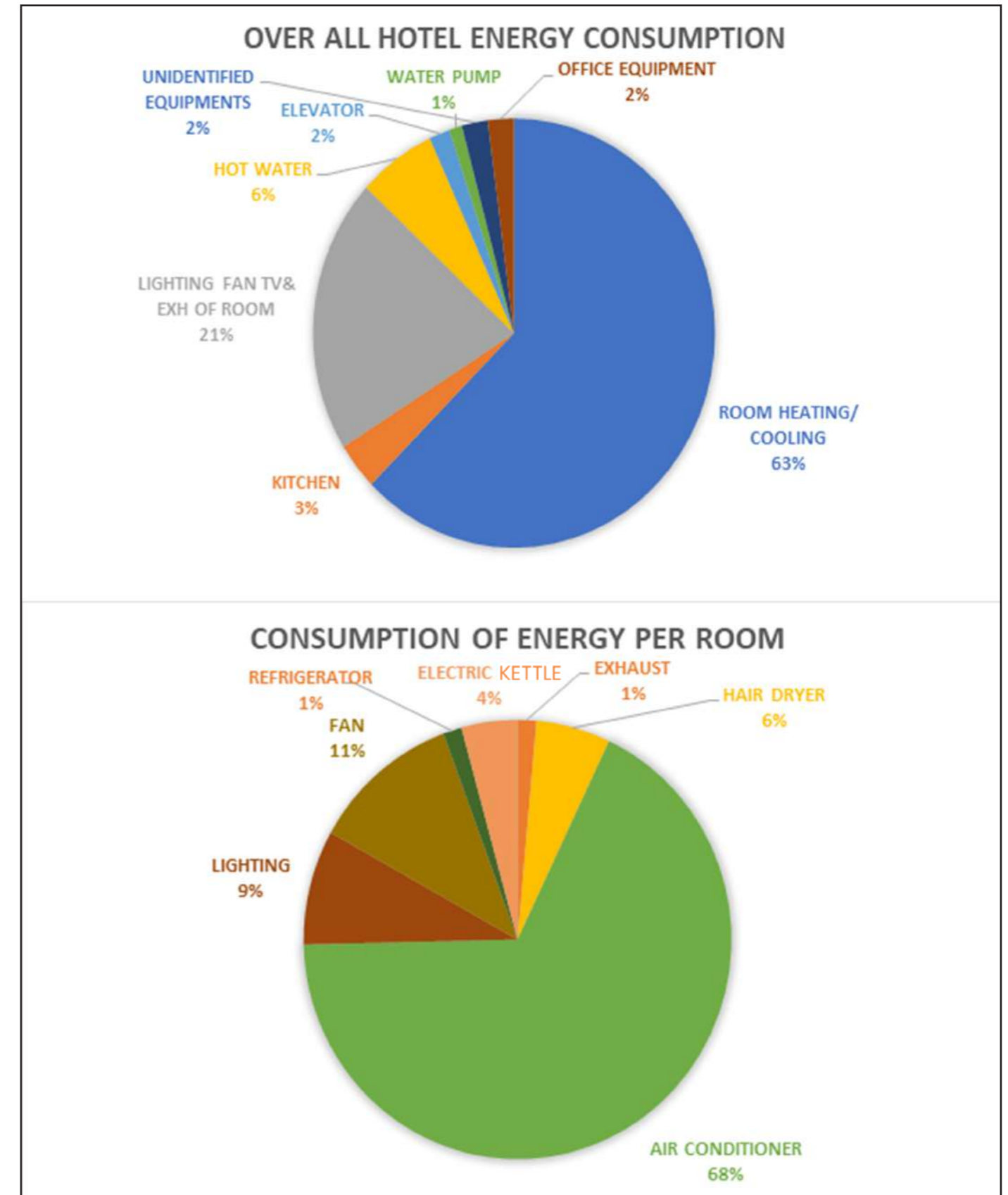
### Benefits Of Energy Audit

Through energy audit, you can:

- Promote awareness in energy efficiency
- Identify the cost of energy you use
- Identify and minimize wastage
- Making changes to procedure, equipment and system to save energy
- Retrofit energy efficiency technologies
- Conserve non-renewable energy resources
- Protect the environment by reducing power generation
- Reduce running costs

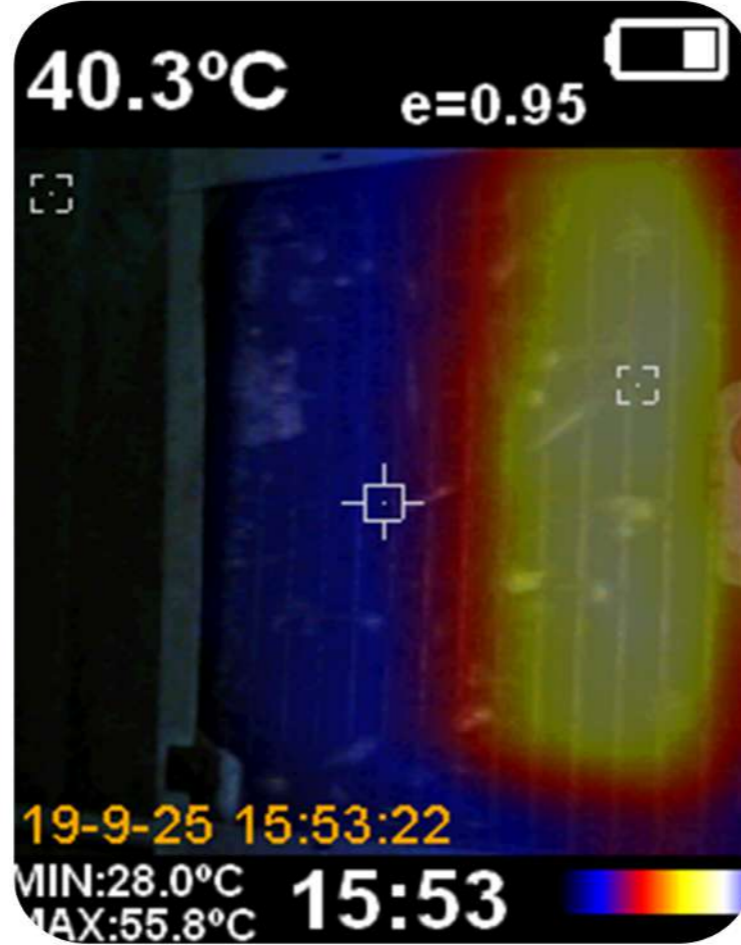


## ENERGY CONSUMPTION ANALYSIS





# AC EFFICIENCY TEST



# LIGHTING EFFICIENCY TEST





# KITCHEN EFFICIENCY TEST



# ROOM INSPECTION





# Benefits Of Electric Safety Inspection & Energy Audit

1) Pre Analyze Damage / Accident / Electrical Hazards weeks before occurrence.

2) Keeping up to date with current technology (free consultation).

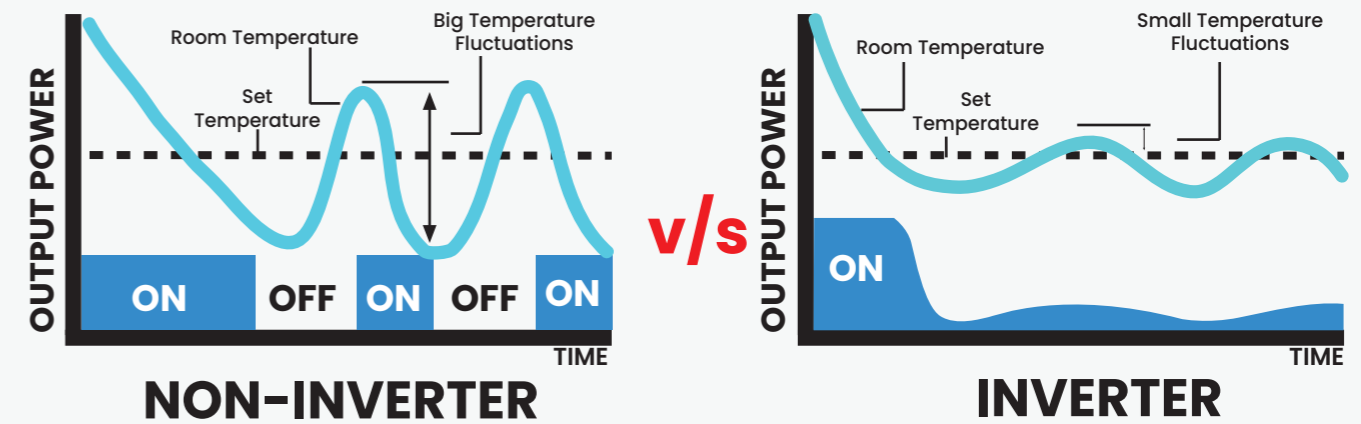
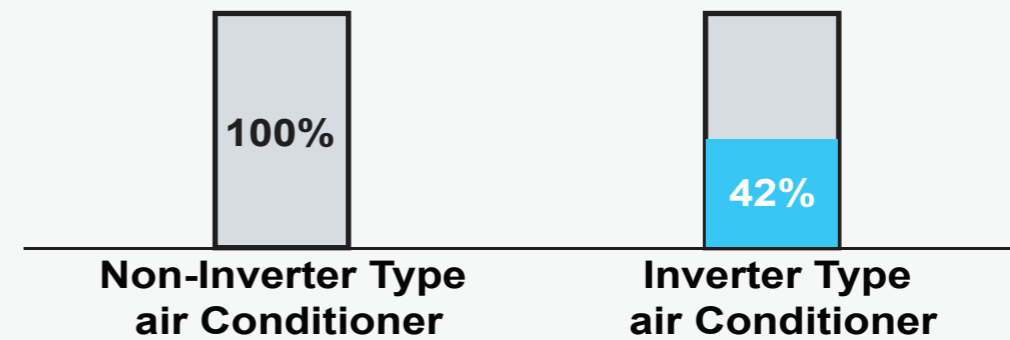
3) Saving's in  
 \* Outsource Service cost, \* Expensive replacement cost.  
 \* Time consumption & inconvenience to Facility operation.

4) Will have sufficient time to purchase the material or take Shut Down appointment for repair/replacement

5) Client will be confident and will have peace of mind about his property.

## Comparison of Electric Consumption (old v/s New Technologies) \*

Save **58%**



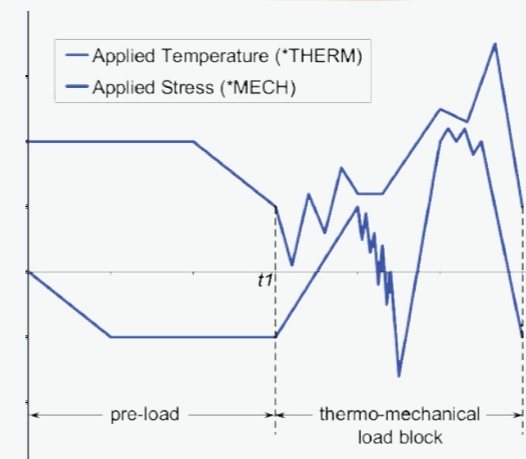
## AIR SOURCE HEAT PUMP



## DIESEL BOILER



v/s



**MAINTENANCE COST GET REDUCED IN VARIOUS WAY**





# About Us...

Company Description - Secureindia is engaged in domestic & commercial Automations & electrical safety inspections, Installations, Maintenance since 2015.

Legal Form - Private Limited

Secureindia is also providing Consultancy service to Hotels & Hospitals under various Applicable laws, rules, and regulations. The solutions provided by SecureIndia's energy saving systems are both effective and efficient.

They identify what their customers need and then execute the task strategically and efficiently. The company is ISO 9001-2015 Certified and is also a member of the National Safety Council of India and has been granted A and C1 class licenses by the Government of Delhi.



## WHO WE ARE?

We are a team of professionals. who are on a mission to secure india from electric accidents and energy wastage.

## YOUR SAFETY OUR PRIORITY



WHY IS AN ESI IMPORTANT?

Because while you probably notice the missing tooth, we find the missing eyebrow.

