



# A Smarter Way to **Manage Electricity**

Identify Running Devices. Track Usage. Save Costs. No Intrusion.



## WHAT'S THE PROBLEM?

High electricity bills go unnoticed because traditional meters show total consumption, not individual appliance usage—making it hard to spot energy-hungry devices or wastage.

### High electricity costs

Rising tariffs burden households; for businesses, electricity is a major cost.



### Lack of transparency

No visibility on which devices consume more electricity & attribute to a higher bill.



### No Fault Detection

Detection of faulty devices at an early stage thus preventing fires.



### Device management

Lack of control on devices , can't take actions without physical presence.





## HOW CAN NILM HELP?

NILM solves this by breaking down electricity usage per appliance, helping you optimize consumption, reduce costs, and improve efficiency.

### IoT-Enabled Real-Time Monitoring

- 📌 Track appliance-level electricity usage in real-time.
- 📌 Gain visibility into consumption patterns to understand energy spikes.



### Appliance Control and Savings



- 📌 Remotely control appliances to optimize energy use.
- 📌 Save 15%-20% on monthly bills by reducing waste and improving efficiency.

### Energy Saving Recommendations

- 📌 Identify high consumption and inefficient appliances.
- 📌 Understand why your bill is high with clear, actionable data.



### Anomaly Detection

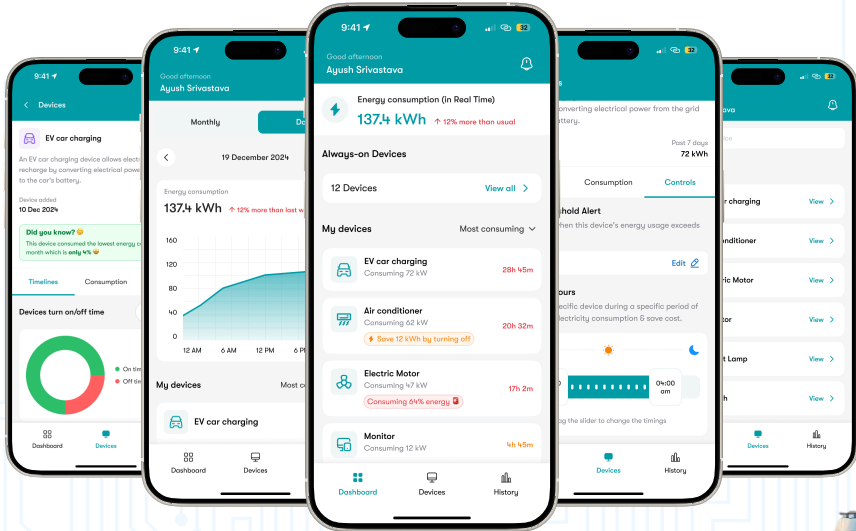
Continuous monitoring of devices' signature helps to identify any anomalies at an early stage, preventing fire hazards.





# A Smarter Way to **Manage Electricity** 💡

Real-time monitoring, actionable insights, and seamless control.



Connect with us!

👤 : Sugandha Seth  
✉ : [sugandha.seth@kimbāl.io](mailto:sugandha.seth@kimbāl.io)  
☎ : 9872641966

Launching soon on

