

ARGUS
ESSPL

Accelerating the Net Zero Journey

Argus Electronic Security System Pvt Ltd



ACs are responsible for 10% of global energy consumption

and **1.95 Bn tonnes of CO₂ emissions** every year



ACs are **the largest contributor to the electricity bill,**

ACs contribute **50-70%** to the electricity bill.

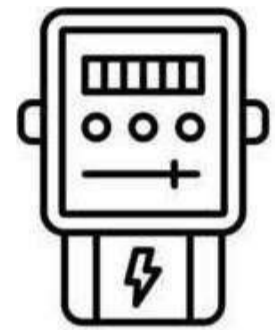


Inefficient management and **improper maintenance** increase the energy consumption of ACs

So what's the solution ?



At Argus Esspl, we bring **mindfulness** in energy usage by our Platform



Measure

the power consumption of the assets



Analyze

the measured consumption



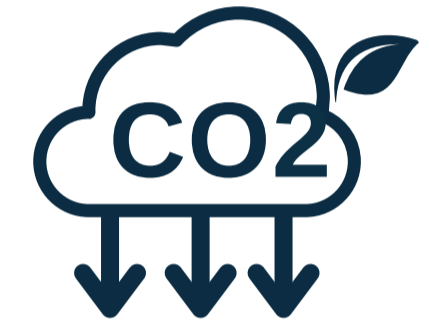
Optimize

the power usage on the basis of our AI analytics



Save

the electricity with optimum saving of 25%

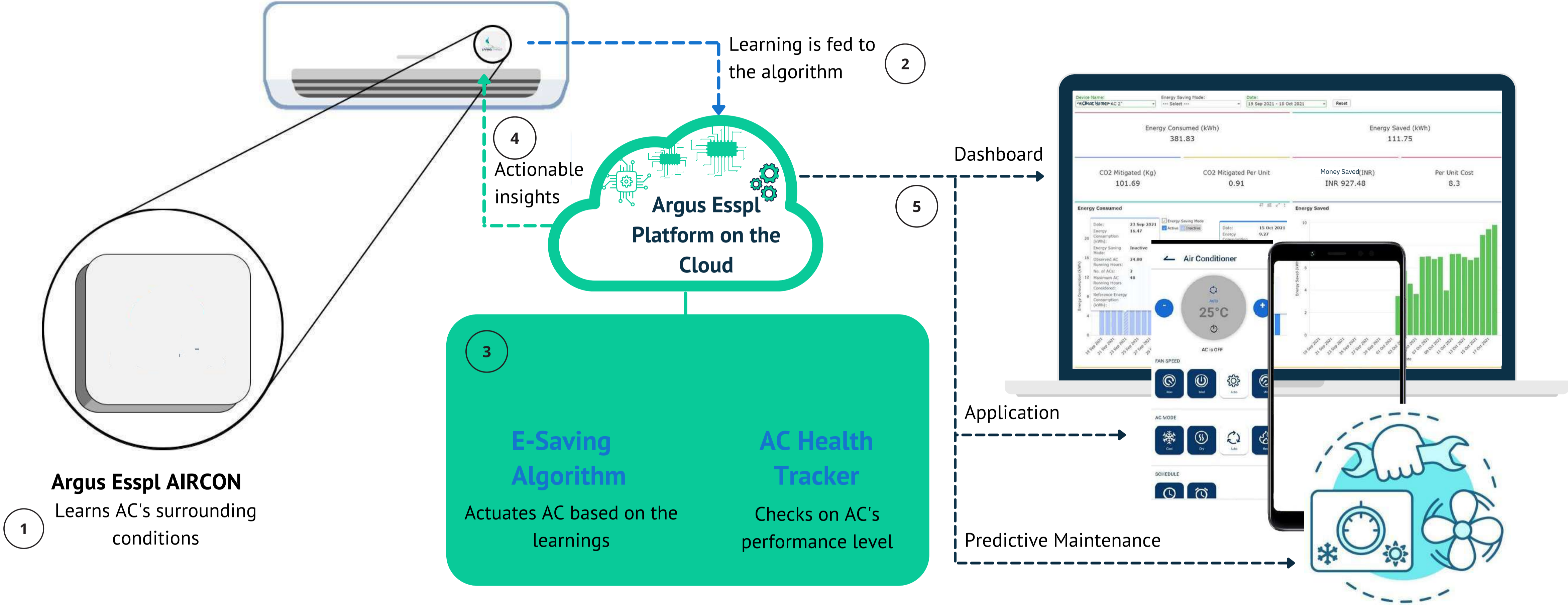


Reduce

the carbon emissions in the environment

If you can't measure it , you can't save it.

"Argus Esspl" - One Platform for all Cooling Management



Automation & Monitoring

Energy Saving Algorithm

Real-time Energy Tracking

25% more efficient than 5-star ACs

Predictive Maintenance

Our Offerings



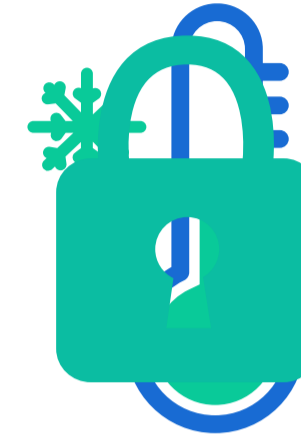
Automate & Manage

Control, Schedule and Manage all your ACs remotely from anywhere, anytime



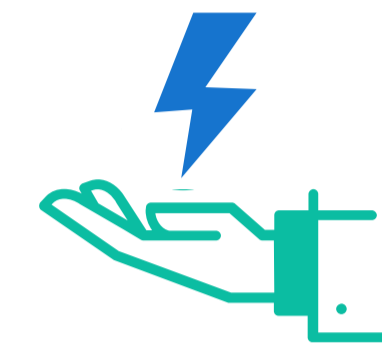
Energy Dashboard

Track real-time energy consumption and savings for each and every AC



Lock Temperature

Lock a temperature that gives comfort, but also doesn't cost too much to maintain.



Save Energy

Save a minimum of 15% on the overall consumption of ACs via Energy saving mode



Predictive Maintenance

Get alerts on the health of your ACs before hand to increase its lifespan and avoid costly repairs



Get Notified

Get critical notifications associated with the ACs and their maintenance to avoid negligence and reduce the downtime of AC by creating tickets for AC Vendor

Cooling Management Platform - “Asset Management”

The screenshot displays the home screen of the Cooling Management Platform. The browser address bar shows 'webapp.livingthings.in/#/home-screen'. The page header includes the 'LIVING THINGS' logo and the text 'Welcome to Your Journey of digitizing Cooling Assets To Carbon Credits'. The main content area is titled 'Welcome Kotak_Mumbai' and features four summary cards: 'Total Sites: 12, Total ACs: 24', 'Off-Site ATMs: 12, On-Site ATMs: 0', 'Energy Saving ON ACs: 14, Energy Saving OFF ACs: 10', and 'ACs In Maintenance: 6, ACs In Good Condition: 18'. Below this is a section titled 'Your Air Conditioners' with a grid of six site cards: Bandra, Charni-Road, Lamington, Mahalaxmi, Malad(W), and Masjid. Each site card shows two AC units (AC-1 and AC-2) with status indicators. A left sidebar contains navigation options: Home, Bandra, Charni-Road, Lamington, a plus sign, Analytics (highlighted with a red box), and Logout. A bottom navigation bar includes icons for notifications, a clock, home, and settings.

- Single platform for all asset control & management
- Real-time asset monitoring
- Helps in keeping asset maintenance Uptime
- Real time energy analytics

Cooling Management Platform - "Energy Analytics"

Device Name:
 Energy Saving Mode:
 Date:

Energy Consumed (kWh)
381.83

Energy Saved (kWh)
111.75

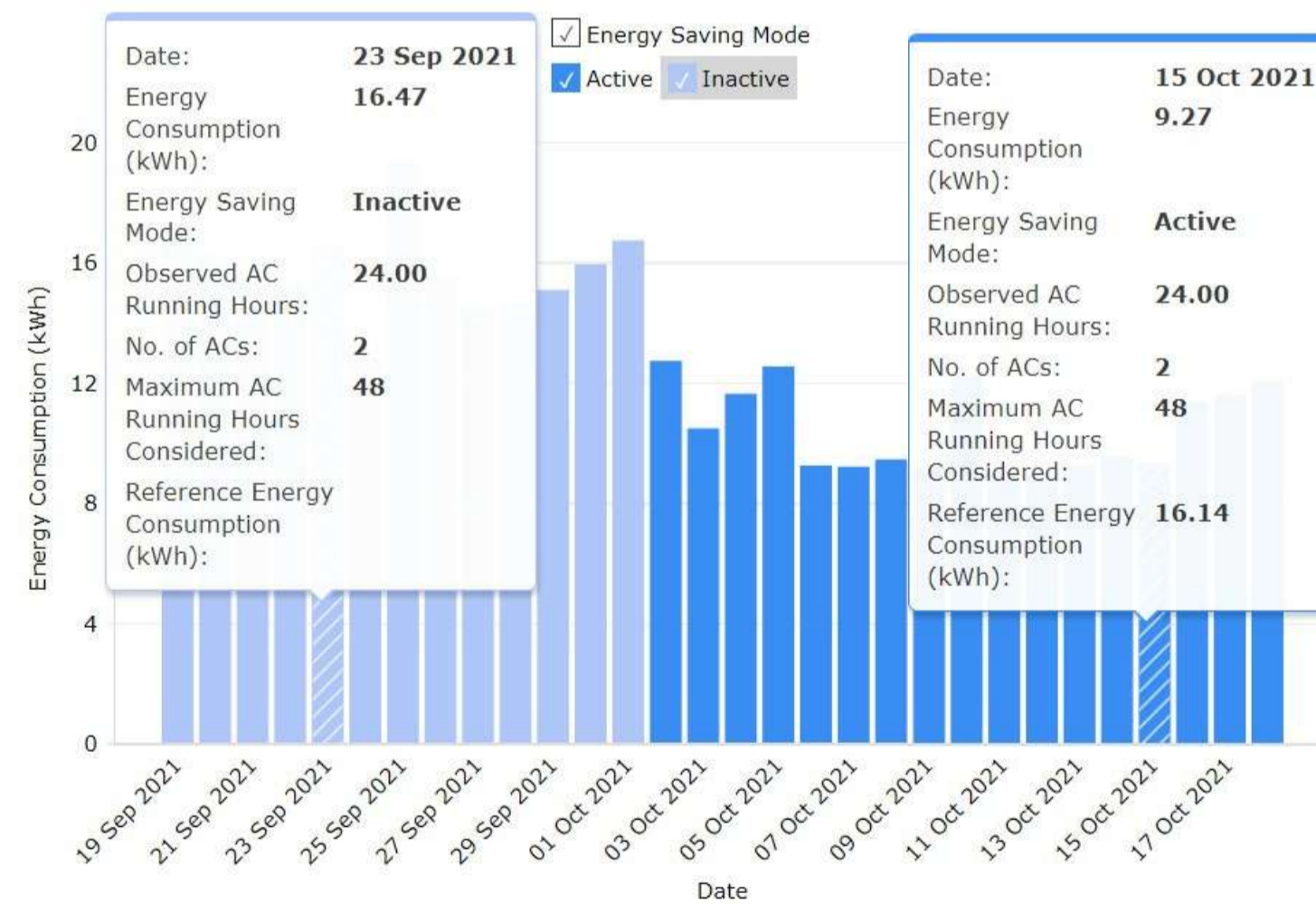
CO2 Mitigated (Kg)
101.69

CO2 Mitigated Per Unit
0.91

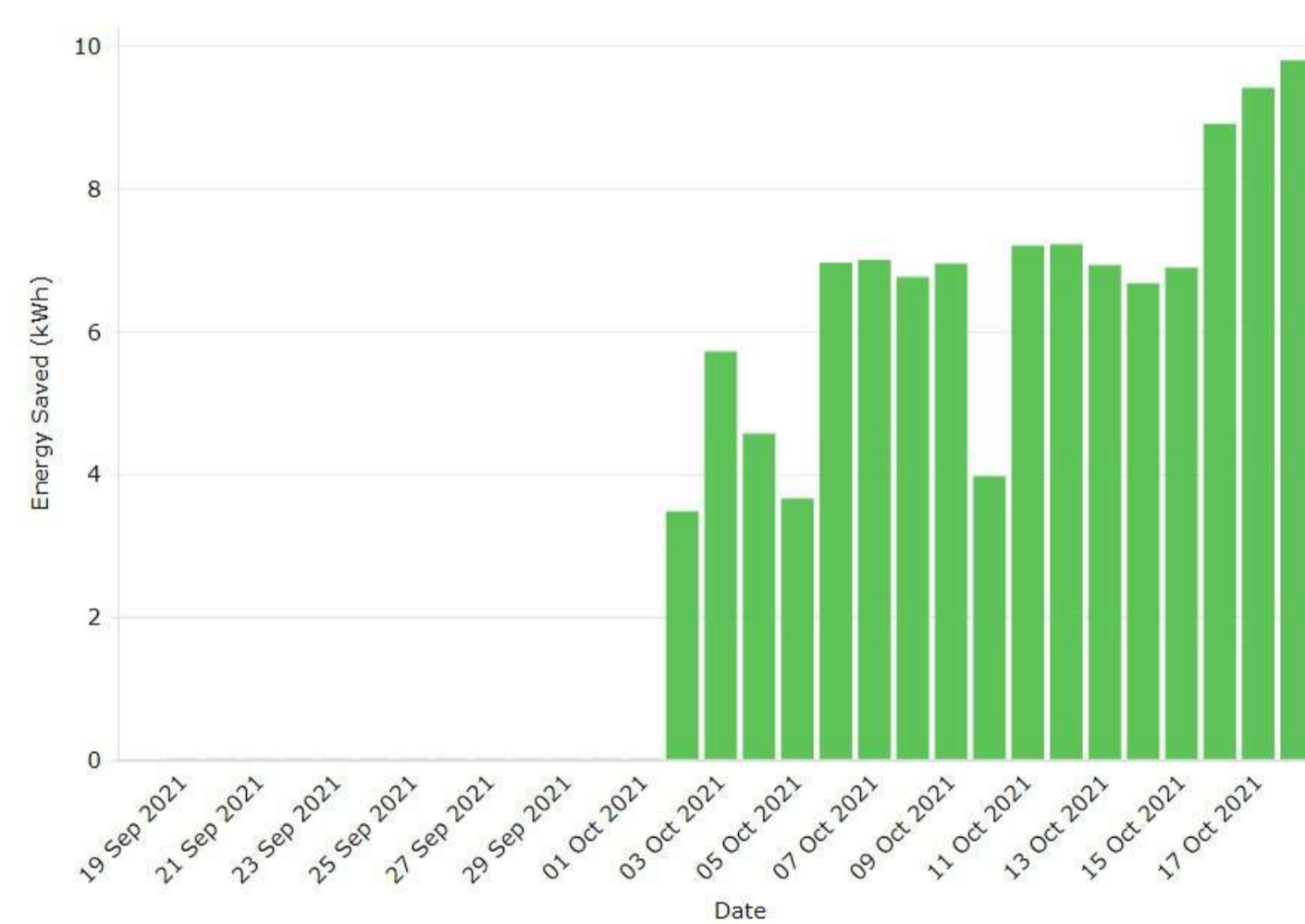
Money Saved(INR)
INR 927.48

Per Unit Cost
8.3

Energy Consumed



Energy Saved



- Energy Saving of Average 25% Real-
- time tracking of energy consumption & saving
- Quantification of Carbon mitigation as a result of energy savings

Argus Esspl AIRCON on Air Conditioners



Argus Esspl Supports all the brands and models of Air Conditioners


Established Product Credibility

Etracker Lab Testing Report



Statement of Conformity

On the basis of testing vide below report / reports, the product referred below comply with the requirements of referenced standards and or directives at the time of testing.

Product Description	E-Tracker
Model / Type	ET4-3
Ratings	100-240 VAC, 50/60 Hz, 10 W
Applicant's Name	iCapo Tech Pvt. Ltd.
Address	Centre of Studies in Resources Engineering, SINE, CM-04, YP Rd, Academic Section, IIT Area, Mumbai, Maharashtra 400076
Manufacturer's Name / Address	iCapo Tech Pvt. Ltd. Same as applicant
Brand / Logo	
Report References	KLPL/BTG/23/03-29-001 issued on 11 th May 2023
Standards referred	EN 61010-1:2010 + AMD1:2019 / IEC 61010-1:2010 + AMD1:2016 Safety Requirements For Electrical Equipment's For Measurement, Control and Laboratory Use - Part 1 General Requirements
Directives referred	Low Voltage Directive - 2014/35/EU

Note:
This statement is issued on the basis of tests / evaluations performed on sample submitted by Applicant / Manufacturer as per above referred standards.
Applicant / Manufacturer / Authorized Representative may sign a declaration of conformity and affix CE marking on the product taking care of applicable other EU Directives or Regulations before putting it into the market.



Signature
Gokul Mahajan
Business & Technical Head
11th May 2023



Karandikar Laboratories Pvt. Ltd.
Head Office: B-101, Ansa Industrial Estate, Saki Vihar Road, Saki Naka, Andheri (E), Mumbai - 400072
Sales: +91 (022) 28471395 Email: sales@karandikarlab.com Website: www.karandikarlab.com








VAPT Report for Cloud Security

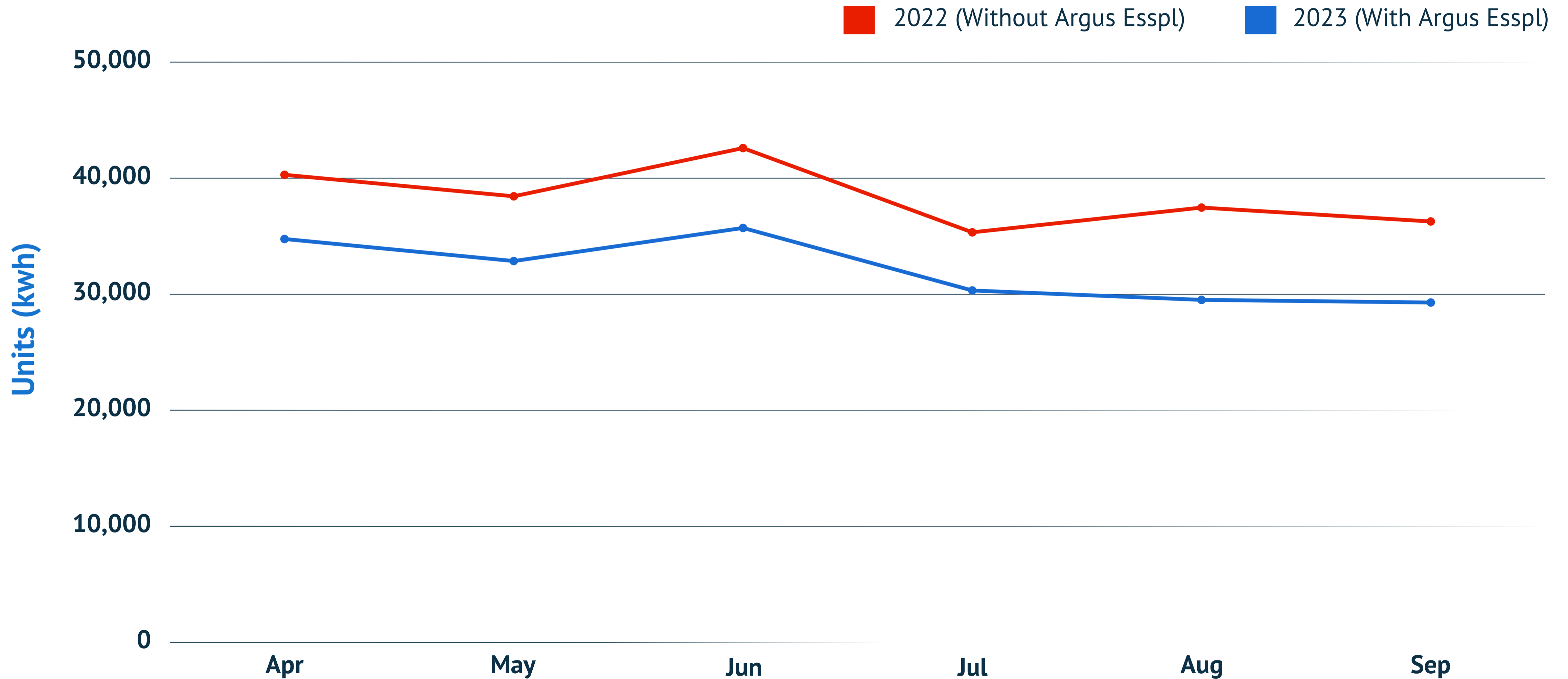
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We helped to save money along with CO2 Mitigation



Our Analysis - Electricity Bill of Kotak ATM Sites



Source : Electricity Bill of Kotak Powai ATM



Going Ahead -

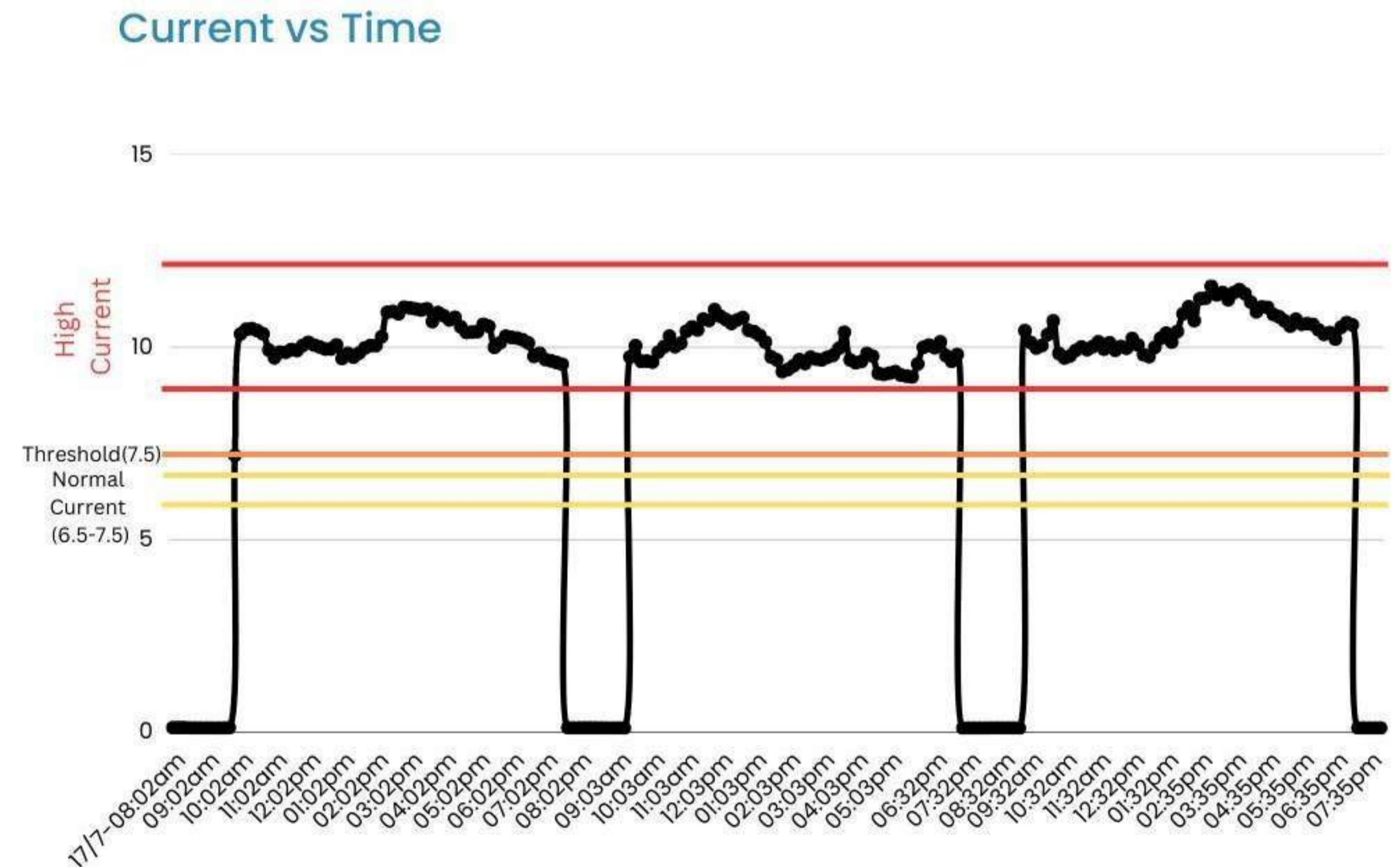
We help you to save ~ Rs. 2000 per month per ATM along with proactive AC Maintenance Alerts

For 1,000 ATMs,
you save 1,000 X 2,000 X 12
per annum

₹2.4 Cr

Additional savings for the Hardware timer,
1,000 X 2,500

₹ 25 Lakhs



Analysis of AC's health on the basis of its
current consumption pattern.

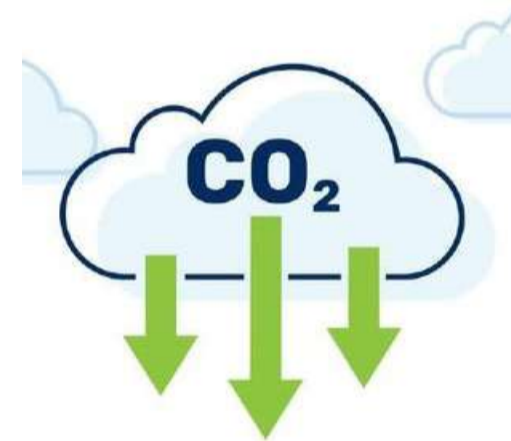
**Hardware is used for scheduling the ACs and it costs around Rs. 2500-3000. Normally in 6-12 months, you have to replace the hardware timer, which can be replaced by our scheduling feature.

Not just Energy Saving... but Carbon Credits too

For 1,000 ATMs,

You Save, **19,00,000+ kWh**

Resulting in mitigation of



17,00,000+ Kg CO2

Saving a minimum of 19,00,000 + units of power in one year,
reduces CO2 emission by as much as 80,000+ trees in one year.



Source: [1 unit=0.91 kgCO2,1 Tree absorbs 21 Kg CO2/yr, Principle 6 BRSR report](#)

- **Convert CO2 mitigation into Carbon Credits**

Through a voluntary carbon market programme the carbon credits can be monetized and could even fetch revenues.



- **Principal 6 Under BRSR Report**

(Businesses should respect and make efforts to protect and restore the environment)



As per the SEBI Guidelines, you can file the mitigation data under your annual report.

Argus Esspl Saved 1,11,00 0 Units energy, Mitigated 100T CO 2 emissions

Deployed 450+ assets

Some of our esteemed customers amongst others are ...



Some of our other active engagements are ...



Our Achievements



Ministry of Electronics and Information Technology
Government of India

Govt Grant

Grant worth **30 Lakhs**
under SASACT Scheme
from MEITY, **Government
of India**



SCOUT 2021

Amongst the 26 finalists
of the accelerator
program
SCOUT 2021 by STPI.



FLCTD 3.0

A low carbon tech accelerator
program implemented by
UNIDO in collaboration with
BEE.



Energy Tech Summit 2022

Amongst the **Top 10 finalists**
in **Automation & AI** at the
Global Energy Tech Summit -
Warsaw, Poland.



Award

Winner In "Sustainability Sector"
by Maharashtra State Innovation Society
Got **Pilot Order** worth **15 Lakhs** as
Reward