



ENISCOPE

AC Focus Brings Big Savings for Starbucks.



Starbucks in Mumbai feels the benefits of Eniscope & ACES 2

A store in Mumbai has become one of the first in the world to receive the ACES 2 product, new to 2019 from the best.energy solutions range.

As with all energy projects executed by best.energy Partners globally, this project started with an Eniscope 8-Channel monitoring system being installed on-site. This provided full energy use visibility at a minute-by-minute level, allowing the Efligence team to analyse where energy was being wasted.

The first and most significant area of waste identified was air conditioning, which made it a perfect application case for the ACES 2 - a smart air con control product designed and created by best.energy.

What was the problem and how were Efligence involved?

The Starbucks outlet was suffering from AC units being run outside of business and operational hours, with an average run time of each AC of over 23 hours a day!

Left in the hands of the staff on-site, the air con was being used inefficiently for no extra comfort gain. With ACES 2, the team at Efligence were able to stop that.

*The immediacy of the savings, combined with the cost-effective equipment, put the **ROI of this project at just 4 months.***

[CONT.]



The Solution

What do you do when human error is causing energy wastage? You remove humans from the equation.

The team at Efligence were able to do just that, introducing the ACES 2 product to provide remote control and scheduling capabilities to the air conditioning units on site at the Starbucks store.

A combination of the energy visibility provided by Eniscope, and the scheduling capabilities of the ACES 2, meant that the air con operation period could be brought down to just 18.5 hours with no impact on customer or staff comfort.

What does the future hold?

“We are proud to be working with such a prestigious global brand, who are admirably committed to saving energy and reducing their carbon footprint. With our solution, we’ve delivered them an ROI of just 4 months.

Next up, we’re looking at how we can roll this solution out to every Starbucks across India.”

Bhargav Ramachandran,
CEO @ Efligence Informatics



The Headline Figures



AC Operating Hour Reduction
4.5 Hours

Reduction in Energy Usage
2500 Units

Cost Savings per Month
₹31,200

Energy Reduction on AC
11%

Within the space of just a couple of months, the store was saving over \$5,000 a year!

