Safecility

Baseline Energy Monitoring
Use Case

USER

Electrical contractor or in house electrical team.

THE PROBLEM

The electrical contractor or in-house electrical team are tasked with upgrading the lighting within a building to energy efficient LED lighting.

The building owner wants to understand how much energy they will save by upgrading and how much their electricity bills will be reduced.

SAFECILITY PRODUCT

The Vutility HotDrop energy monitor powered by Safecility's software platform.

Wireless energy monitors installed in seconds

Usage data remotely collected and streamed to the cloud

Software platform gives real time usage analytics in an easy to view graphical format

Energy monitors are easily uninstalled for use in a different location

Analytics help reduce waste, save costs and improve operational efficiency

THE SOLUTION

Safecility's energy monitoring sensor is used to track baseline usage before the lighting upgrade begins and again after the upgrade has been completed to determine exactly how much energy is saved and to quantify cost saving.

The energy monitor is a small, wireless and batteryless device that is clamped over the lighting circuit within the building, it does not require a qualified electrician to install. The energy monitor is left in place for 7 days prior to upgrade where it remotely tracks energy usage and reports the results to the cloud.

After completion of the lighting upgrade the same energy monitor can be used again to collect usage over a 7 day period. Using the Safecility dashboard a direct comparison of energy savings can be viewed.
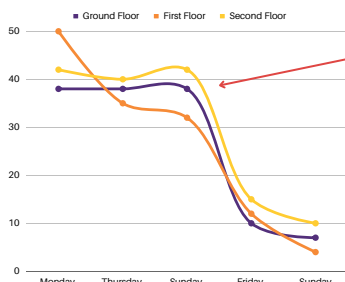
LIGHTING UPGRADE

A comparison of building energy usage before and after LED lighting upgrade

Calculation of cost and energy savings is simple with the Safecility Platform