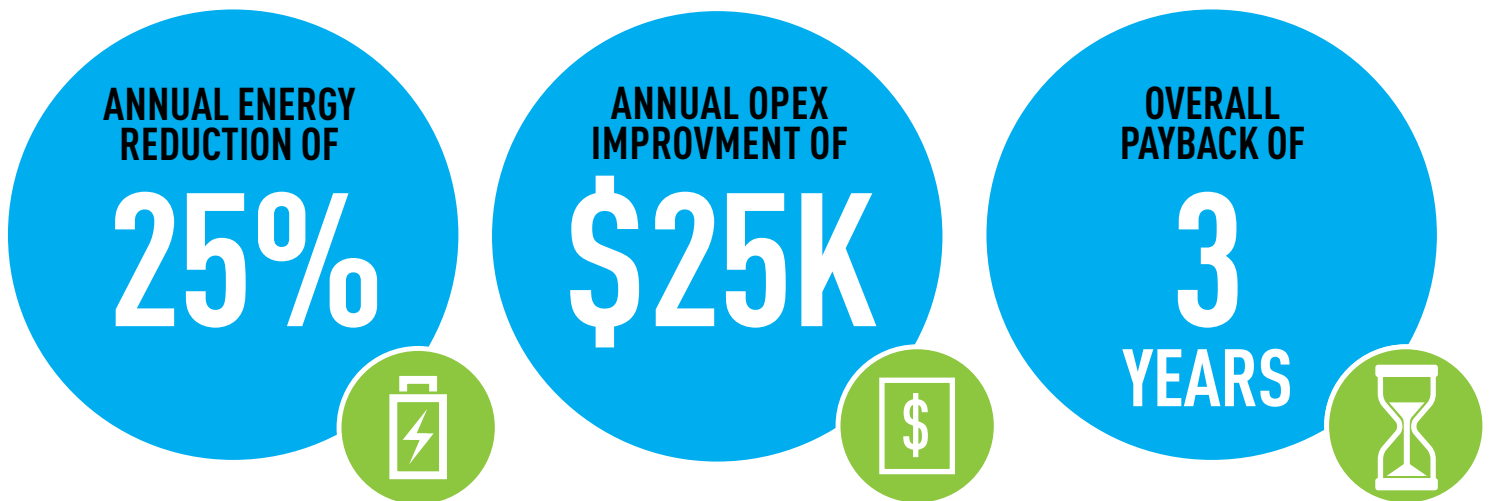


VICTORIAN TRUCK DEALERSHIP BRINGS ENERGY COSTS UNDER CONTROL WITH INNOVATIVE ENERGY MANAGEMENT SYSTEM



Power costs have plummeted at the Melbourne based Truck Dealership after Sustainable Focus designed and installed a bespoke Energy Management System (EMS) to control all the major power loads. This innovative smart EMS takes control of all controllable loads at the site, minimising waste and maximising efficiency to reduce energy consumption.

RESULTS



Sustainable Focus was enlisted to cut site OPEX at the dealership through installing a custom Energy Management System (EMS) designed to minimise the cost of operating the facility without compromising the comfort for staff and customers.

The EMS has produced world-class savings through extracting the best value from the power used. The IoT – AI that has been embedded into the system has enabled predicting the shape and load behaviour, this enables decision makers to run the system as efficiently as possible.

Facility lighting is integrated with the site alarm and linked with local sunrise and sunset times to ensure lights are not left on overnight, while installed light level sensors further reduce wastage.

Control of the HVAC and mechanical plant is also managed to ensure the units are running only when necessary, while motorised dampers and CO2 sensors have enabled further efficiency.

These clever strategies have resulted in a 25% reduction in OPEX, while the system's web-based interface has allowed Sustainable Focus to remotely manage the site and extract the maximum value from the upgrade, significantly reducing reactive maintenance costs.

CLIENT FEEDBACK

“Sustainable Focus developed a unique, innovative solution to suit our site and facility, bringing our power costs under control without sacrificing internal conditions” - Director Group Operations