



**PEAK identified €65K of
energy savings within 8 weeks for a
large Irish manufacturing site.**

**PEAK helps anticipate
and resolve issues
before they cause
equipment failure,
spiraling repair costs
and downtime.**

Large manufacturing sites are focused on ensuring profitability by reducing operational expenditure, yet often overlook the primary opportunity to streamline costs: using data to improve the performance of existing plant and equipment.

The IEA estimates that industrial buildings waste up to one third of the energy they consume due to equipment inefficiencies, performance degradation and improperly tuned controls. Large energy bills are just the tip of the iceberg. Inefficient operations can lead to equipment failure and costly capital upgrades.

Optimising your manufacturing facility to eliminate energy waste, reduce costs and increase the lifespan of equipment starts by finding and resolving inefficiencies with PEAK.



PEAK for energy and cost/operational savings

PEAK identifies operational inefficiencies and resolves issues before they cause equipment failure, spiraling repair costs and downtime.

The platform analyses equipment performance data in real time, then the fault detection and diagnostics software detects inefficiencies or deteriorations. Equipped with PEAK's insights on root cause, cost impact and solution, CIM's technical experts help to prioritise and fix issues, ensuring operational improvement is resolved without delay.

Customisable dashboards enable you to track and benchmark energy consumption for each site and piece of equipment. CO₂, energy and cost savings are easily maintained over time with PEAK's continuous performance monitoring.



PEAK for smarter CapEx planning

Optimising existing plant and equipment for operational efficiency maximises the lifecycle of equipment to defer capital upgrades.

PEAK identifies issues that decrease equipment lifespan such as excessive operation, short cycling, mechanical faults, simultaneous heating and cooling, and manual overrides. In most cases, these issues are resolved quickly with low or no cost solutions, such as a simple part replacement.

Without PEAK's root-cause insights, operations teams rely on time-based CapEx upgrades, which deliver long returns on investment, or unplanned upgrades when equipment fails.

On average, PEAK identifies energy savings of 10-20% at manufacturing sites



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