

ENERGY ASSESSMENT PROJECTS LEAD TO DELIVERED SAVINGS

CLIENT | LOCATION

Global Pharmaceutical Manufacturer | Ireland

SECTOR

Pharmaceutical Manufacturing

PROJECT BRIEF

The EECO₂ team was tasked with conducting an energy assessment on a client site in Ireland. They were then to support the site with implementing the agreed energy efficiency projects, helping the site to not only reduce energy consumption and emissions but to record the savings too.

METHODOLOGY

Focussing on 7 areas of the site, the team conducted the energy assessment and produced a list of recommended energy efficiency projects and a predicted saving for each. Working together the site team and EECO2 went forward with the agreed projects.

SOLUTION

EECO2 supported the client site with risk assessments, FRS development & change control for each area. Projects included:

- Rebalance to reduce air change rates
- Setback, when not in production
- Introducing demand-based control
- Adding additional control sensors to mirror worst case QBMS locations

From only the 5 projects undertaken, the team significantly over-delivered, producing a great ROI.



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RESULTS



Energy savings delivered:

2.5 GWh

Energy cost savings delivered:

€178,000 per year