Case Study
Industrial Energy Efficiency

ewen

Sector:	X Industry	Large Buildings	Infraestrutures	Retailing / Services

Subsector:	Plastics	Year: **2013**
Client:	Celoplas	Implementation (months): **6**
Location:	Grimancelos, Portugal	Performance Contract (years): **N/A**

**Type of Contract:** Implementation of a complete remote monitoring / energy management system, using EWEN's e+Monitor platform.

Project description:

Celoplás asked EWEN to install a complete remote monitoring & energy management system for its plants in Grimancelos (Northern Portugal). More than 100 data channels were installed, with data provided at 15min intervals by field sensors (energy meters and temperature sensors). This data, together with production data (which is also fed into e+Monitor) give Celoplas, a complete picture of its energy consumption, enabling also the follow-up of specific energy consumption KPI's, trend and to do benchmarking between its production lines.

EWEN's e+Monitor also allows for the validation of the monthly onvoice from the energy supplier and is a very powerful tool, for selecting the best energy supplier, by simulating any tariff, on Celoplas' reral energy consumption profile.
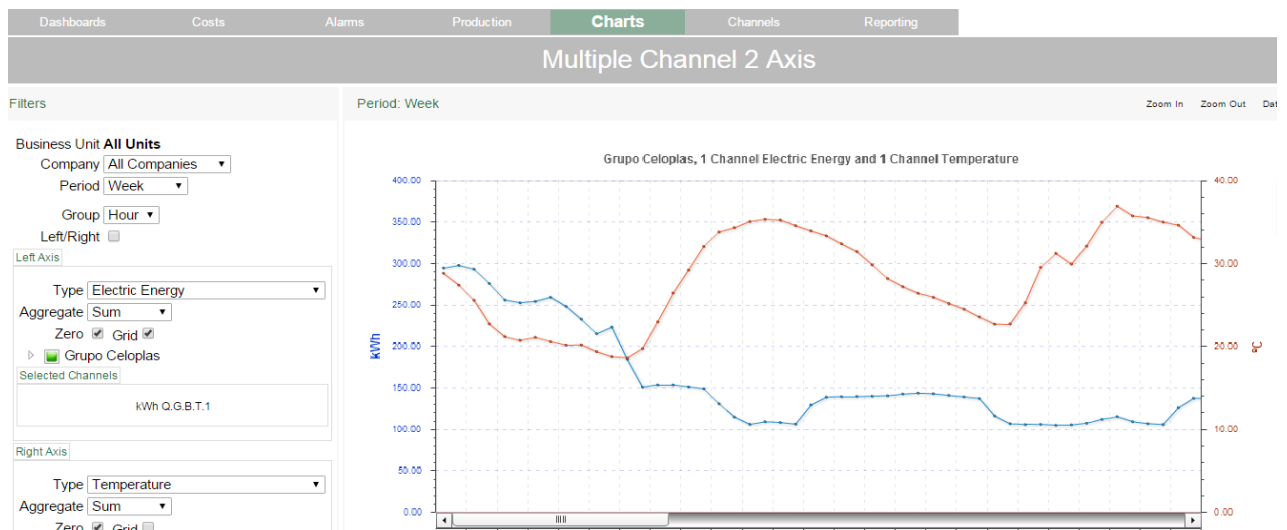
Project results:

With EWEN's e+Monitor, Celoplás can, in real-time, have total control of its energy consumption and the energy performance of its production lines. Apart from allowing also benchmarking, monitoring specific energy consumption KPI's, e+Monitor allows the calculation of the real energy consumption and cost of any production Lot.

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