



Track equipment consumption without sub-meters



The lack of visibility for major consumers items makes energy management complex

The more equipment there is in a plant, the more complex energy management becomes.

Since electrical sub-metering systems are intrusive and require a significant financial investment, few are installed.

Therefore, energy consumption is generally analyzed at the scale of a plant or a group of equipment.

Why is this an issue?

- **More time to locate the source of a problem** when an abnormal energy consumption occurs. The additional financial costs will be greater.
- **Difficult to know if an equipment is faulty** (ex.: consumes too much), having only an overall view on consumption.
- **Energy optimization is difficult to prioritize** when you don't know which equipment consumes the most energy

Disaggregation of powers without sub-meters is possible

With the Purecontrol solution, it is possible to precisely monitor energy consumption, **without sub-meters, per equipments and in real-time.**



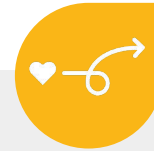
Precisely analyze
consumptions



Anticipating changes in
consumption



Identify sources of
energy savings



Anticipate the risks of
malfunction

How?

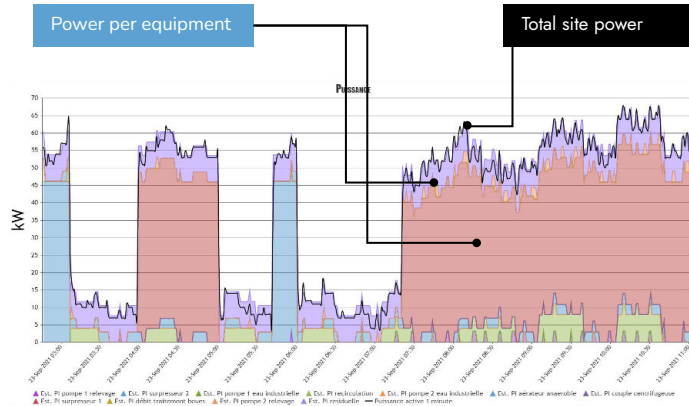
Purecontrol's artificial intelligence algorithm crosses the site's overall energy consumption data (electricity, gas, etc.) with equipment operating data. Then, **the solution is able to identify which equipment consumes what and when**, but also to predict future consumption.



Which equipment, how much, and when.

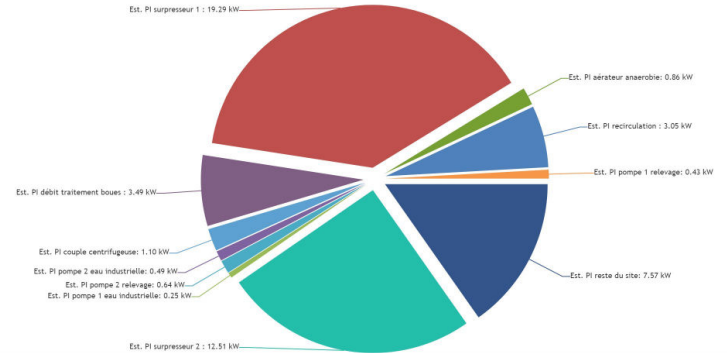
1

Accurate **distribution** of consumption in real time



2

Equipment consumption **mapping**



Purecontrol : simplifying operational optimization

Purecontrol develops real-time and predictive control solutions. They allow manufacturers, water and renewable energy players to make processes more reliable, to optimize energy and operational efficiency while reducing the carbon footprint.

Purecontrol solutions are easily integrated and control your industrial installations optimally by adjusting to a complex and dynamic environment.

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