

# Maximize self-consumption of renewable energy



# The self-consumption is not fully exploited yet

The electricity cost augmentation is heavy on the enterprises and territories budget.

The self-consumption offers an opportunity for manufacturers, municipalities and farmers to reduce their energy bills in consuming directly their green electricity production.

However, it is difficult to efficiently distribute the energy consumption. The consumption periods are not necessarily similar to green energy production periods.

## Why is this an issue ?

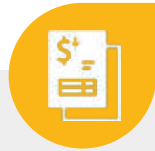
- **Possible energy loss is the production is neither consumed, nor reused on the network**
- **A long ROI for the energy production projects on local sites.**

# Optimize renewable energy consumption

With Purecontrol solution, it is possible to automatically plan and adapt the operations **depending on the renewable energy production.**



Maximize  
self-consumption



Energy bills  
reduction



Carbon footprint  
reduction



Fast ROI

## How ?

The Purecontrol solution optimizes the industrial operations in prioritizing the self-consumption during renewable energy production periods. E.g.: prioritize high consumption items during sunny periods in the case of the use of solar panels.

The solution anticipate and take into account the weather forecast, which has a strong impact on the energy production, and adapt the operations depending on it, while guaranteeing the industrial processes service continuity.



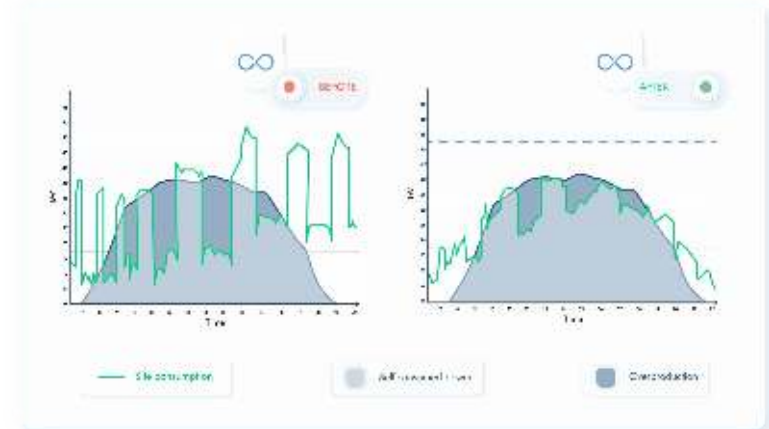
# Intelligently distribute the consumption



Purecontrol allows manufacturers, water management sites and farmers to maximize their renewable energy self-consumption.

**The solution intelligently distribute the equipment energy consumption, while guaranteeing the regulations compliance and optimizing the industrial process efficiency.**

**Example : Self-consumption optimization with solar panels**



The consumption of the site controlled by Purecontrol is distributed on periods of solar energy production.

# 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.

[> Learn more](#)

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