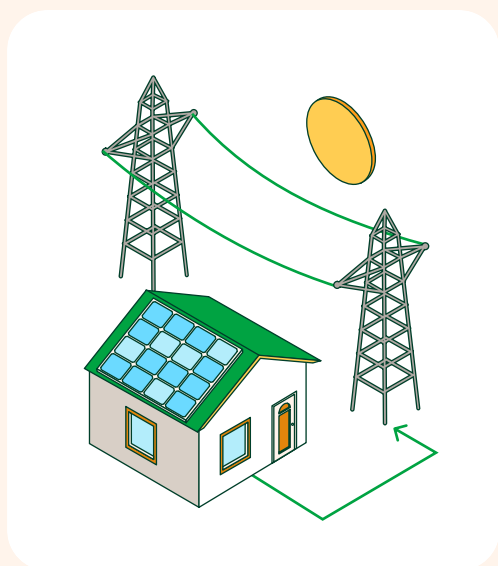


# How virtual batteries work

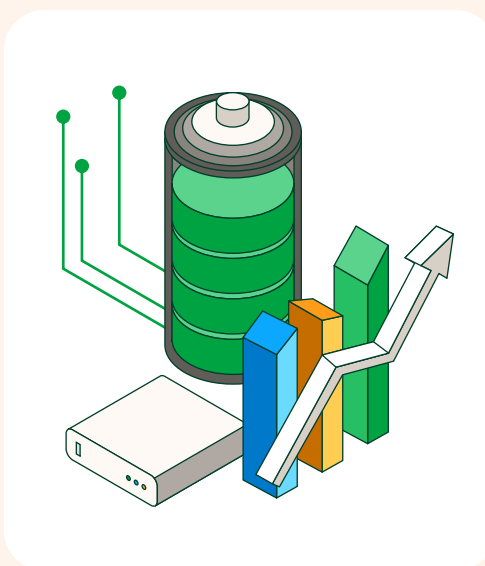
More and more households and businesses are opting for self-consumption solar photovoltaic systems. Not all of the energy that is generated, however, is always used. When that happens, virtual batteries **offer an innovative and sustainable solution for saving on electricity bills**. Let's take a look at how they work.

1



Energy generated by the solar panels that isn't consumed is **fed into the grid** and compensated up to the energy term\*.

2



The surplus in excess of this amount **is stored in the customer's virtual battery**.

3



This stored energy **can be consumed in later months** if production is lower or even at a second home.

(\* ) A Spanish electricity bill includes the so-called "power term" or amount of power purchased, the energy term (gas price) and the regulated costs. Surplus compensation is applied to the energy term, an item which can be offset. However, the Solar Cloud virtual battery also allows surpluses to be deducted from the power term and regulated costs.