



how it works

naak is an energy cloud platform that gives homes and businesses control over their electricity. It features the carbonTRACK Smart Hub which captures onsite energy interval data and transmits to the naak Energy Cloud every 15 minutes via its reliable 4G cellular modem. This information can then be accessed remotely via the naak web dashboard or naak app.



monitoring

The carbonTRACK Smart Hub device has the ability to land up to four current clamps. Each of these current clamps are attached around select wires in an electrical panel and have the ability to measure active power, reactive power, and power factor in all phases. These values can be measured for both grid energy consumption, solar energy production, solar energy consumption, and solar energy export.



control

The carbonTRACK Smart Hub device controls and automates onsite circuits or appliances. The Smart Hub features three onboard relays which can be connected to a circuit in the electrical panel and controlled remotely through the naak app or set up on an automated schedule to optimize energy use and increase the ROI for solar and other improvements.

Through the enabled ZigBee and Z-Wave protocol, the Smart Hub can control and manage a mesh network of Smart Plugs wirelessly. Any device plugged into the carbonTRACK Smart Plug can also be remotely controlled through the naak app or set up on an automated schedule. The Smart Hub has the ability to monitor and control the inverter of a solar electric production system in addition to a battery energy storage system.