

# Lower costs, higher profits.

**Reducing energy costs  
is now easier than ever.**

Compact energy efficiency kits.

Energy efficiency technology



# Reactive Kit for energy efficiency



It benefits from the attractive payback of a capacitor bank and features a built-in energy efficiency system.

CIRCUTOR's capacitor banks can feature the **Reactive Energy Efficiency Kit** as an option. The kits are composed of: a reactive energy regulator which, in turn, is a powerful power analyzer; an **EDS** energy efficiency manager; a special SCADA application; and a web server.



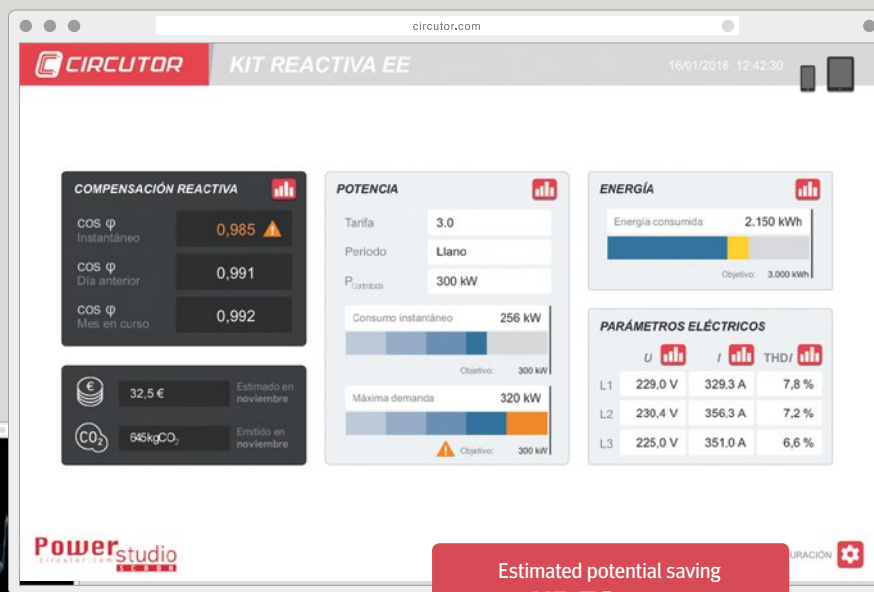
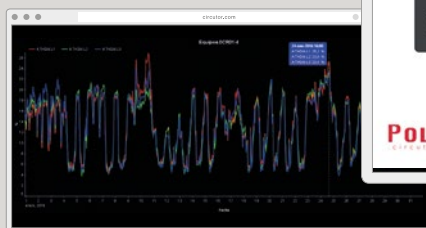
**You only need an Internet connection.**

Simply connect the unit via an Ethernet connection to control the main electrical parameters of the installation from your PC's browser.

The SCADA application loaded in the **EDS** informs the user when and how the main energy costs are being produced, in real time or time-delayed. This information is vital to analyse and reduce unnecessary consumption.

## IMMEDIATE BENEFITS

- Control the daily and monthly cos phi value, energy consumed, instantaneous active power and maximeter.
- Learn more about the consumption curve, with the purpose of contracting the electric tariff with a cost/kWh that best suits your profile.
- Record and monitor CO<sub>2</sub> emissions.
- Avoid penalties for reactive and aximeter by alarms via email or screen.
- Locate and avoid unnecessary consumption.
- View the levels of current, voltage and harmonics.
- Assign the relay outputs of the EDS to the maximeter measurements and configure visual or sound alarms.



## REACTIVE EE KIT, ready to install

Code R7E12S\*

Reactive Energy Efficiency Kit, ready to install on the existing capacitor banks. Independent supply of Computer Smart III 12 + EDS-Reactive.

## REACTIVE EE KIT, pre-installed

Attribute in capacitor bank code. RXXXXX00YXXXX \*

Reactive Energy Efficiency Kit, pre-installed in the new capacitor bank supplied. The kit is fully mounted on the capacitor bank.

\* Transformer not included.

# Essential Kit for energy efficiency



The easiest way to control and reduce your consumption.

The **Essential Energy Efficiency Kit** is a compact unit that features: up to 5 power analyzers; an **EDS** energy efficiency manager; a special SCADA application; and a web server.



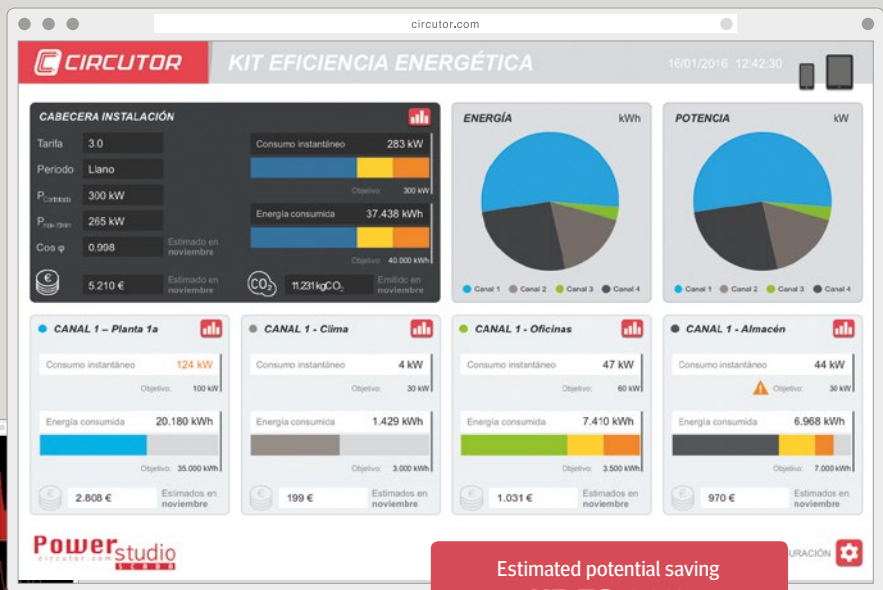
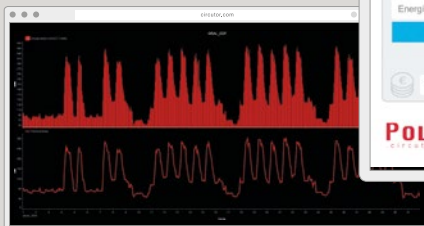
We make it easy for you.

The kit is supplied mounted in an enclosure, fully wired and with current transformers. Simply connect the unit via an Ethernet connection to control up to 5 independent lines from your web browser (for example, General, Air-conditioning-1, Air-conditioning-2, Lighting and Power).

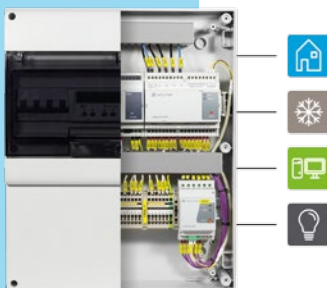
The SCADA application loaded in the **EDS** informs the user when and how the main energy costs being produced, in real time or time-delayed. This information is vital to analyse and reduce unnecessary consumption.

## MANY ADVANTAGES

- Control the total consumption of the installation and in the main lines of the building, office, company, etc.
- View the consumption curve, with the purpose of contracting the electric tariff with a cost/kWh that best suits your profile.
- Record and monitor CO<sub>2</sub> emissions.
- Avoid penalties for reactive and maximeter by alarms via email or screen.
- Analyse historical data to find and avoid unnecessary consumption in your installation.
- Assign the relay outputs of the EDS to the power measurements and configure visual or sound alarms.



Estimated potential saving  
**UP TO 20%**



## 4-channel ESSENTIAL EE KIT

Code M5975C

Energy efficiency kit with a power analyzer for 4 channels/lines.

Includes EDS-EFI + CVM-NET4 + 3x MC1-35 + 9x MC1-20 + Protection elements.

All elements are supplied wired and mounted inside a double-insulated control panel.

## 5-channel ESSENTIAL EE KIT

Code M5974C

Energy efficiency kit with a power analyzer for 5 channels/lines.

Includes EDS-EFI + CVM-NET + CVM-NET4 + 3x MC1-35 + 12x MC1-20 + Protection elements.

All elements are supplied wired and mounted inside a double-insulated control panel.

# Compact Energy Efficiency Kits

For more information, send  
an email to [info@circutor.com](mailto:info@circutor.com)

**circutor.com**



**CIRCUTOR, SA** - Vial Sant Jordi, s/n  
08232 Viladecavalls (Barcelona) Spain  
Tel. (+34) **93 745 29 00** - Fax: (+34) **93 745 29 14**  
[info@circutor.com](mailto:info@circutor.com)

