



POWER FACTOR CORRECTION

VAR

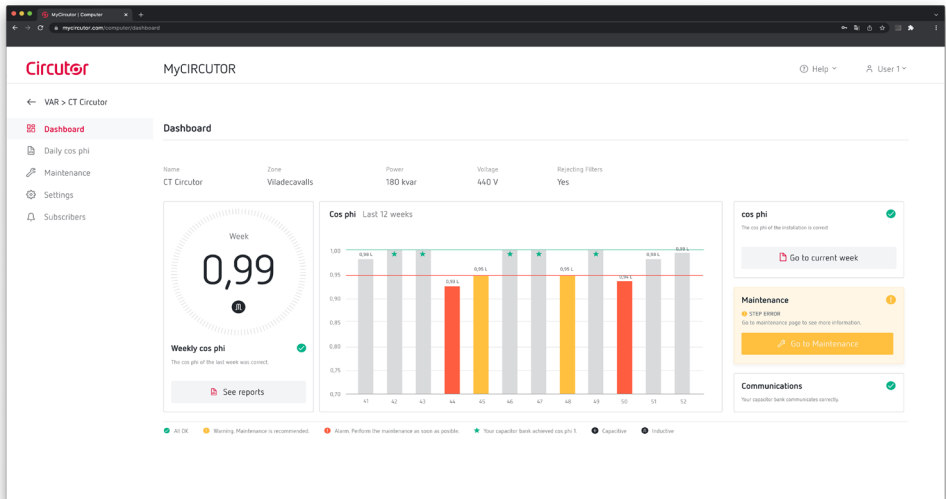
Power Factor Monitoring System

Avoid surprises. Monitor your installation's power factor 24/7.

The VAR (or more commonly, kvar) is the unit of reactive power. And from now on, the VAR is also the Power Factor Monitoring System in CIRCUTOR's capacitor banks.

The VAR System helps avoid inductive reactive energy penalties by providing smart notifications shown directly on the website of the service or via email, and it also facilitates maintenance by issuing reminders to ensure the proper operation of your capacitor bank.

Prolong the life of the bank and avoid penalties.



VAR

Power Factor Monitoring System

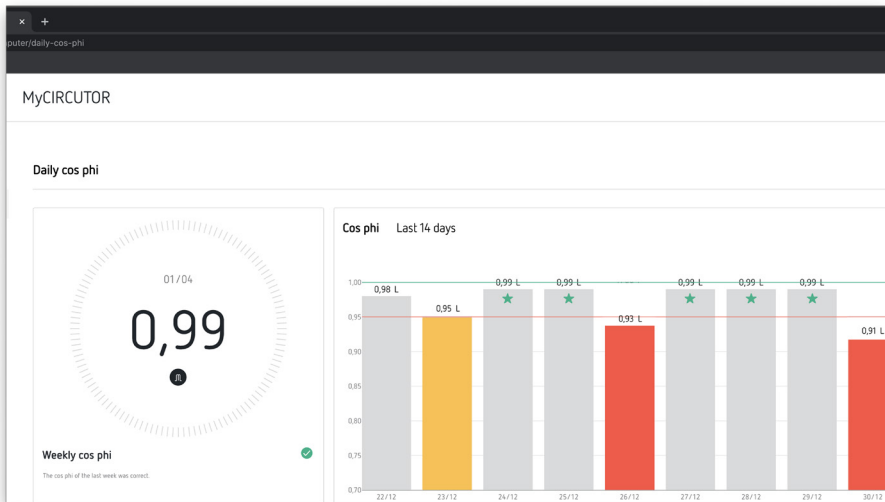
Don't pay more than you have to. Avoid penalties.



The system offers online monitoring of your installation's cos phi, and helps you avoid potential penalties on your electric bill.

Automatic email alerts

- › **Target cos phi alert:** We will notify you when your installation's cos phi falls below the target value.
- › **Trend warning:** We will notify you when your installation's cos phi follows a downward trend. We detected a constant decrease in cos phi, indicating a drop in the bank's ability to compensate.

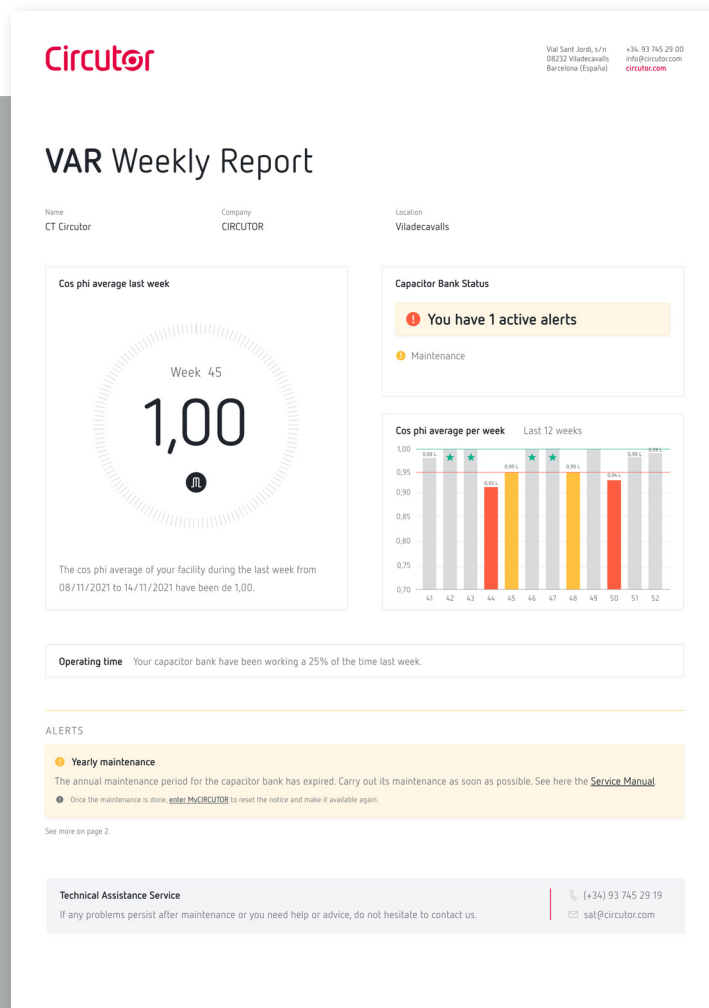


Always informed



Receive weekly email reports with the following indicators:

- › Value of *cos phi*: OK or KO
- › Average value of *cos phi* in the last week
- › Graph of the trend in *cos phi* in the last 12 weeks
- › Alerts and active notifications.



Ensure the service continuity of your bank



The VAR system lets you receive **maintenance alerts and notifications** to ensure the correct operation of your capacitor bank.

Receive emails when:

- › A step is not compensating properly.
- › A step is switching excessively.
- › The recommended annual maintenance is due on the capacitor bank.

The image shows two overlapping screenshots. The top one is a browser window displaying a dashboard with two panels: 'Step Error' (yellow background) and 'Excessive Maneuvering' (white background). The 'Step Error' panel shows a progress bar with 6 steps, where steps 2 and 4 are marked with yellow exclamation marks. The 'Excessive Maneuvering' panel shows a progress bar with 6 steps, where steps 2 and 4 are marked with yellow exclamation marks. The bottom screenshot is an email notification from Circutor, titled 'MyCIRCUTOR - VAR Warning: Step compensation error'. The email body contains the following text:

Warning

VAR Notifications

Step error

An error on some steps have been detected on your capacitor bank CT Circutor located in Viladecavalls. We recommend performing maintenance accordingly to [Maintenance manual](#).

Once you have done the maintenance, **enter to MyCIRCUTOR** to acknowledge this warning and make it available again.

Go to circutor.com | 93 745 29 00 | Download MyCatalog: [Google Play](#) - [App Store](#) © 2021 CIRCUTOR SA

CIRCUTOR SA - Vial Sant Jordi s/n 08232 Viladecavalls (Barcelona) España
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Manage all your banks from the same screen



If you have more than one bank with the VAR system, you can identify and locate at a glance the latest cos phi value and any active alerts for all your capacitor banks.

The VAR system lets you:

- › See the status of all the banks at a glance.
- › Decide which users will receive automatic alerts.
- › View detailed information on your banks.
- › Remotely monitor your capacitor banks.

The image displays two screenshots of the MyCIRCUTOR web application. The top screenshot shows a dashboard with three capacitor bank cards: 'TC Central', 'TC branch office', and 'TC Factory'. Each card displays a circular gauge for 'Week 43' with values 1,08, 0,99, and 0,98 respectively. The bottom screenshot shows a detailed view of 'VAR > CT CIRCUTOR' with a 'Subscribers' section. This section includes a table of users and their alert notification settings.

Users	Alerts Notification
<input type="checkbox"/> Email ↓	
user1@circutor.com	<input checked="" type="checkbox"/>
user2@circutor.com	<input checked="" type="checkbox"/>
user3@circutor.com	<input checked="" type="checkbox"/>
user4@circutor.com	<input checked="" type="checkbox"/>

How do I activate my VAR system?



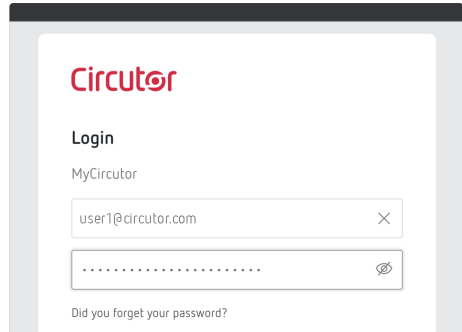
Bluetooth/Wi-Fi connection

Registering your bank in MyCircutor and setting up the VAR monitoring system is very simple and requires just 3 steps:

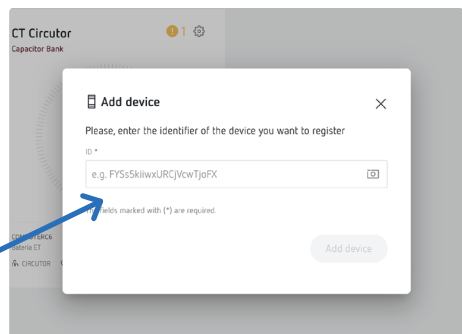
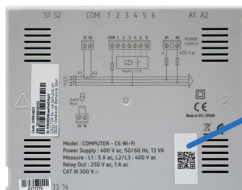
1. Connect your capacitor bank to the installation's Wi-Fi network using the free MyConfig app.



2. Log in to MyCircutor.com (or register if it is your first time).



3. Add the capacitor bank as a new device using the ID code or QR that you will find on the regulator.



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