Meter Insights

QR code feature
Quick start guide

Unlock the capabilities of your PowerLogic™ PM5000 series or PM3200 series meter with the QR code feature:

- Detailed energy use patterns
- Trends in energy consumption
- Alarms for possible issues

View information from your meter and share information with colleagues:

- All previous QR scans
- Notifications of possible issues and improvements you can make
- Reports on scanned information

Enable the feature and find the QR code (PM5000 series)

The options available vary depending on your meter model and the firmware version installed on the meter.

Enabling the QR code feature

You may need to enable the QR code feature before QR codes are available on your meter's display.
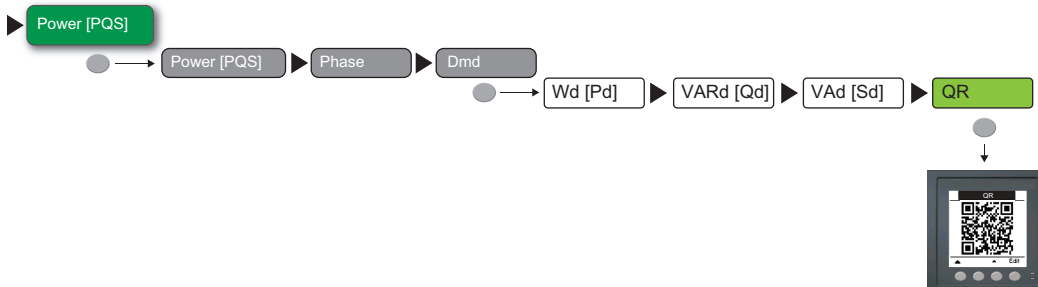
See your meter's user manual for instructions on how to enable / disable the QR code feature.
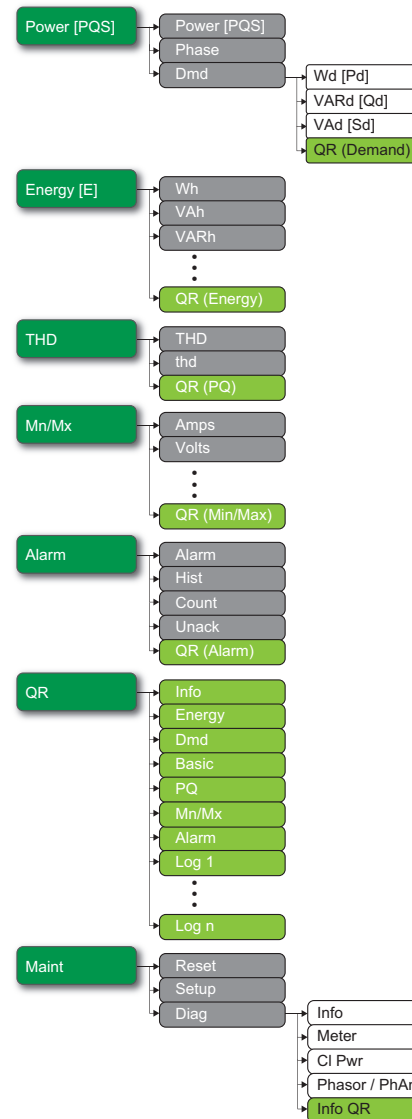
Finding QR codes

Navigate through your meter's display to the screen with the QR code for the information you want to view.

For example, to retrieve demand values:

1. Press ▶ to scroll through your meter's main display screens.
2. Press the selection button (⬤) under **Power (PQS)** then press the selection button under **Dmd**.
3. Press ▶ to scroll through the demand screens then press the selection button under **QR** to display the Dmd QR code.

PM5000 series QR codes

QR code	Information
Info	• Power system configuration • Nominal frequency • Total alarm counter • CT primary and secondary • VT primary and secondary • Total power factor • Communications settings
Energy	• Active, reactive and apparent energy delivered and received • Date of last power peak demand reset
Dmd (Demand)	• Peak demand value with timestamp for active, reactive and apparent power • Date of last power peak demand reset
Basic	• Per phase and average current • Average voltage L-L or L-N • Total active, reactive and apparent power
PQ	• THD values • Current and voltage unbalance • Power factor
Min/Max	• Minimum and maximum values for average voltage, current, power factor and voltage and current unbalance • Timestamp of the last min/max reset
Alarm	Information about any active alarms and records from the alarm history log, including timestamps
Log 1 – Log n	Values from the log or logs available on the meter

# 1 | Find the QR code (PM3200 series)

⁂ The options available vary depending on your meter model and the firmware version installed on the meter.

QR codes do not need to be enabled on PM3200 series meters.

Finding QR codes

Navigate through your meter's display to the screen with the QR code for the information you want to view.

For example, to retrieve demand values:

1. Press ⋁ to scroll through your meter's main display screens.
2. Press OK when the **QR** menu is selected.
3. Press ⋁ to scroll through your QR codes.

▶ QR
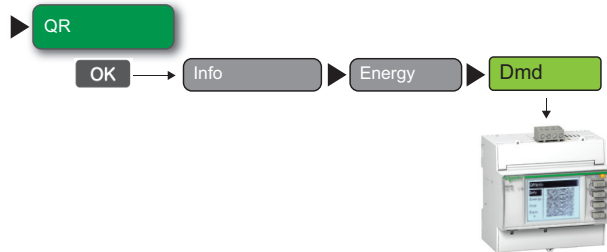
OK → Info ▶ Energy ▶ Dmd

PM3200 series QR codes

Summry

I

•
•
•

Alarm

Diag

QR → Info
        Energy
   Dmd
        Basic
        PQ
        MnMx
        D Log
        W Log
        M Log

QR code	Information
Info	• Power system configuration • Nominal frequency • Total alarm counter • CT primary and secondary • VT primary and secondary • Total power factor • Communications settings
Energy	• Active, reactive and apparent energy delivered and received • Date of last power peak demand reset
Dmd (Demand)	• Peak demand value with timestamp for active, reactive and apparent power • Date of last power peak demand reset
Basic	• Per phase and average current • Average voltage L-L or L-N • Total active, reactive and apparent power
PQ	• THD values • Current and voltage unbalance • Power factor
Mn/Mx	• Minimum and maximum values for average voltage, current, power factor and voltage and current unbalance • Timestamp of the last min/max reset
DLog, WLog, MLog	Values from the daily, weekly or monthly logs available on the meter

2 | Scan the QR code
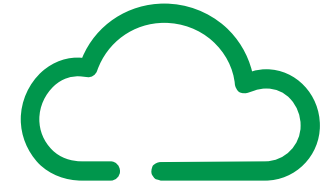
Use a QR scanning app and the camera on your smartphone or tablet to read the selected QR code on the display.

Best practices:
- Use a device with a camera resolution of 8 megapixels or higher.
- Hold the camera steady and straight at the QR code (not at an angle).
- Fill as much of the frame as possible with the QR code.
- Be aware of the ambient light – you may need to shade the camera from sources of bright light.
- Make sure that the meter's display contrast is set high enough.

The data embedded in the QR code is displayed in your phone's web browser (you may need to allow your QR app to access the website). Your meter's data is sent to our web server where it is analyzed and turned into information you can act on, such as notifications about possible issues and system configuration.

The information is also stored by Schneider Electric so you can view consolidated historical information.

---

* QR reader apps are readily available from app stores. Search for "QR code".

3 | View your meter's data
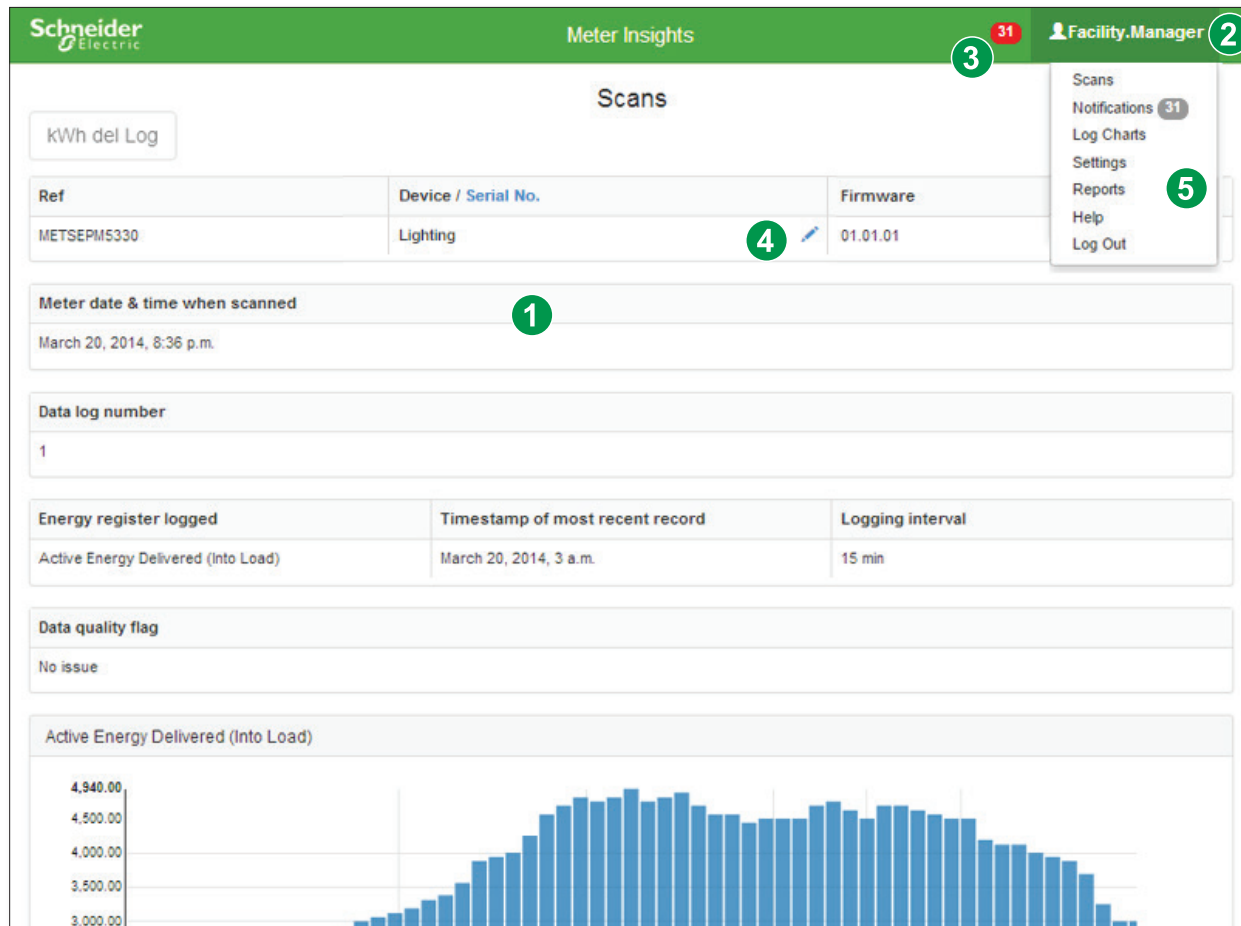
1 View data from your QR code scan.

2 Register so you can build a record of your QR code scans, allowing you to access past scans, chart data over time and see notifications that compare current scans with data from previous scans.

3 View notifications with tips for troubleshooting your system and improving your energy efficiency (this requires that you register).

4 Tap the pencil icon to set up a custom name for the meter. After a custom name is set up, tap the icon to toggle between the name and serial number.

5

Page	Description
Scans	See all the QR scans for your meter(s)
Notifications	View any notifications resulting from the analysis of information from your meter(s)
Log Charts	View information from current and historical scans of log information in a chart
Settings	• Profile: edit your user information (for example, name and address) • Users: add users that you want to share your scans with • Sharing: set up share and following options • Devices: change meter settings (for example, meter name and scan visibility) • Notifications: enable / disable notifications
Reports	Run reports on scanned information
Help	Get more information on notifications and using Meter Insights

* After you register, you can also go to meterinsights.schneider-electric.com on your computer or mobile device to view information from past scans for all meters you have scanned, in addition to any existing notifications and tips.

Navigating scan, chart and notification lists

1 Sort columns by tapping the column title (for example, tap Scanned to sort by date and time).

2 Type a word in the search field to filter the scans or charts.

3 Tap the sort icon to reverse the sort order.

4 View a scan or notification by tapping on the title and view a chart by tapping on the meter name.
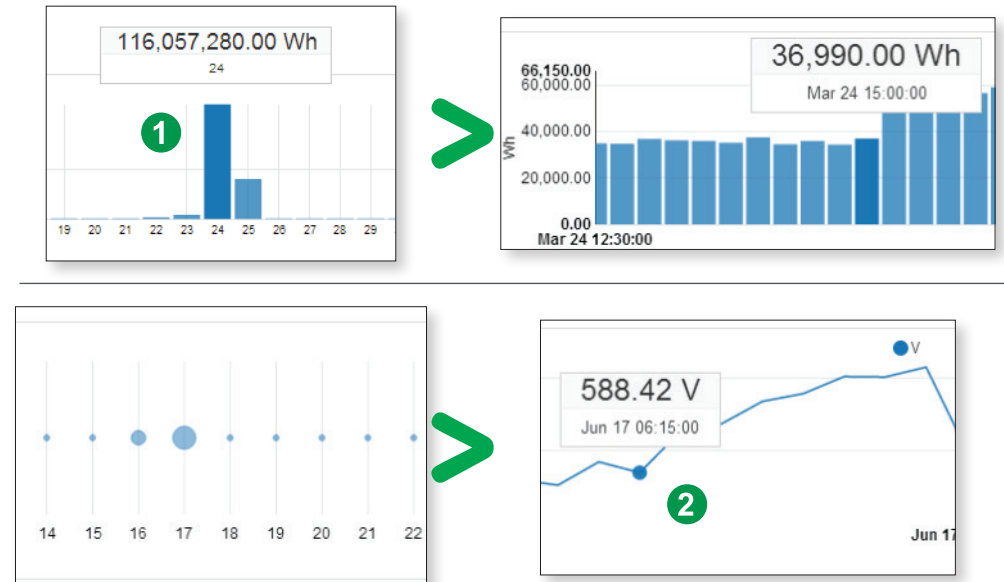

Viewing chart information

1 Tap on a bar (bar graph) or point (line chart) to see more information.

2 Tap a bar or point to view the associated value.

★ Data is only available for times when the meter was scanned. For example, if the meter was scanned on the 11th, 20th and 31st day of the month, only those days have bars or points.

4 | Share your meter's data

After you scan QR codes from a meter, you can share your scans with other people. Two steps are required to set up this sharing:

① Add the person with whom you want to share to Meter Insights.

② Share devices and your associated scans with the people you added.

① Add people to your users in Meter Insights

1. Navigate to the Users section under Settings.
2. Enter the email address of a registered user and click **Add User**.
   A list of Viewers with whom you are sharing scans, as well as Scanners who are sharing with you, is displayed in the bottom portion of the Users page.

Profile ▾

- Profile
- Users
- Sharing
- Devices
- Notifications

>

Settings

Users ▾

People you are sharing your scans with and people that are sharing their scans with you are listed below.   ×
Enter the email address of a registered user to add them to this list. You can also enter the email address
of an unregistered user and request to have an invitation sent to that user to join Meter Insights.

User:

FacilityMgr@work.address.com

Add User

10 ▾   Search

User⬍	Email⬇
Sam @ home	sam_gaib@hotmail.com

* You can enter the email address of an unregistered user and request to have an invitation sent to that user to join Meter Insights.

❷ Share scans by device or by user

You can manage sharing in two ways: by Devices or by Users.

Share scans by device

1. Navigate to **Settings > Sharing > View by Device**. A list of all devices that you are sharing or that are shared with you is displayed.
2. Click on a device name to manage the sharing settings for that device.
   • As a Scanner: you can **Start Sharing** or **Stop Sharing** with a Viewer by clicking in the Toggle column.
   • As a Viewer: you can **Stop Following** scans for devices you no longer want to see by clicking in the Toggle column.

Share by user

1. Navigate to **Settings > Sharing > View by User**. A list of all devices that you are sharing or that are shared with you is displayed.
2. Select a user to see a list of all devices showing the user's role and status for each device.
   • As a Scanner: you can **Start Sharing** or **Stop Sharing** to share all your scans with that Viewer by clicking in the Toggle column.
   • As a Viewer: you can **Stop Following** scans shared by that user by clicking in the Toggle column.

✳ Viewers can only see scans from devices that you (as a Scanner) share with them. They cannot view scans from devices you do not share.

✳ Note that if you Stop Following scans, you cannot see them until the Scanner shares them with you again.

5 View and export your meter's data reports

If you register Meter Insights, you can generate and view reports based on your scans. You can also export report data to .CSV files.

The Reports page is accessed from the main menu and provides a summary list of all reports available to you. You can select a report type, a date range, and any or all of a variety of data values to include in each report.

1 Generate and view a report

1. Navigate to the **Reports** page and select a report title in the summary list. A Reports setup page is displayed.
2. Enter the date range for the report. You can choose Custom dates using the dropdown calendars, or you can select named ranges, such as Last Week or Last 7 Days, from the **Date Range** dropdown menu.

3. Select any of the report values provided to include in the report. You can also click **Check / Uncheck** all to include or clear all options.
4. Click **Generate Report**. The report is displayed immediately below the setup area. You can click in any of the column headings to sort the results.

2 Export a report

Once you have generated your report, you can export the report data to a .CSV file. Scroll back to the setup area and click **Export CSV**. When prompted by the system, provide a file name and location.