

Reference Guide

Electricity

Smart Meters



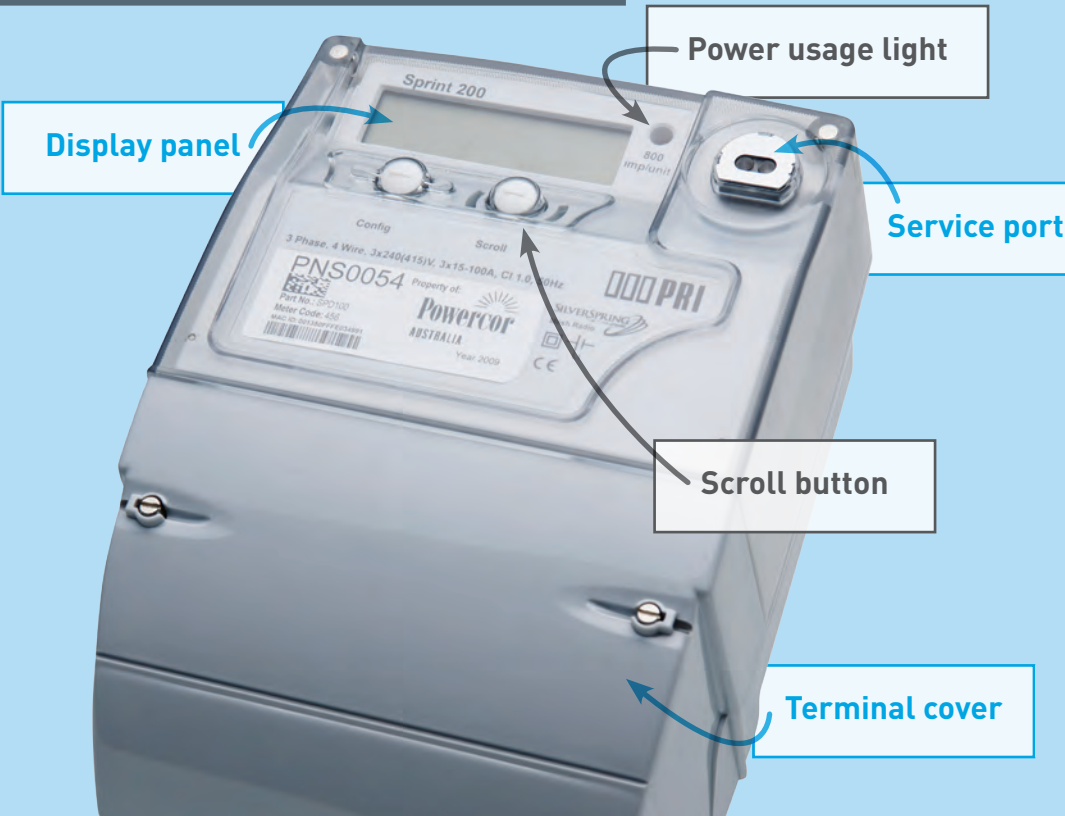
Smart meters record your home or business's electricity consumption data every half hour and deliver it automatically to CitiPower and Powercor Australia for processing. We make this data available to your electricity retailer for billing purposes.

This reference guide explains what information you can see on your meter, and how to read it.

In future, you can expect your electricity retailer to offer you different tariffs based on the time you use power. Retailers and others will also offer information display units and websites to help you better understand and manage your electricity consumption.



Your Smart Meter



Display panel

This shows electricity usage and other information in sequence, as well as a test pattern to confirm that each feature is operational – see the table for instructions.

Power usage light

Indicates that power is being consumed at the metered premises – the faster the light flashes, the more power is being used.

Service port

For meter technicians' use only.

Scroll button

Moves the display panel on to show the next register. If your premises has off-peak water heating, this button will also activate your hotwater boost – see back of this card.

Terminal cover

This cover contains a seal to prevent tampering and protect the integrity of your consumption data. It is an offence to remove seals or interfere with metering equipment.

How to read your Smart Meter

Icons and Indicators

These icons appear on the left hand side of the display panel



Indicates the current register reading.



E1 and E2 indicate the direction of energy through the meter on each of two circuits at your premises. The left arrow indicates the energy exported into the electricity grid, and the right arrow the energy imported from the electricity grid to your premises. E1 represents the first circuit, and E2 represents a second circuit, if available at your premises.



On, Armed and Off switch icons show the various states of connection of the meter as follows:

- On:** The meter is connected.
- Armed:** Indicates that the meter is waiting to be turned on when the property is uninhabited, for example, in the case of a change of occupants. To draw your attention to this status, the lights on either side of the Scroll button will flash until the meter is switched on.
- Off:** The meter is disconnected.

Hot water boost – if you have this function



If you have off-peak water heating and run out of hot water, the meter supports a boost facility which heats your hot water once, when you see this symbol. The electricity used to reheat your water may be charged at peak rate.

To boost your hot water, press and hold the Scroll button for five seconds until the SW1 and Boost icons display. You can operate this function regardless of what register is showing on the display panel.

You should not need to press the Scroll button to boost your hot water if you have an electric water heater fitted with automatic reheat.

How to read your Smart Meter

Scroll and Display

Push the Scroll button to show the next register on the display panel

#	Description	Comments
01	Time	Displays Australian Eastern Standard time in a 24 hour format, including hours minutes and seconds.
02	Date	Displays the current date in a day/month/year format.
03	Energy consumed (Circuit 1)	Displays the cumulative/total electricity consumption at the main circuit of your premises in kilowatt hours. This circuit generally powers the lights, power points and appliances at your premises.
05	Energy delivered to grid	If you have solar panels or some other co-generation source, this displays the cumulative/total electricity delivered back into the electricity network from your premises in kilowatt hours. Otherwise it will display a value of zero or a dash.
07	Energy consumed (Circuit 2)	If there is a second circuit at your premises, this displays the cumulative/total electricity consumption of that second circuit in kilowatt hours. This circuit generally powers electric hot water or slab heating. The reading will display a value of zero or a dash if you do not have a second circuit.
88	Test pattern	This is a test pattern to confirm that the display is showing the correct numbers. All the available LCD characters will appear on this register.

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Your Smart Meter



Display panel

This shows electricity usage and other information in sequence, as well as a test pattern to confirm that each feature is operational – see the table for instructions.

Power usage light

Indicates that power is being consumed at the metered premises – the faster the light flashes, the more power is being used.

Button 1

Moves the display panel on to show the next register.

Service port

For meter technicians' use only.

Button 2

This button activates the smart meter when waiting to be connected, and operates hot water boost for premises with off peak water heating – see back of this card.

Terminal cover

This cover contains a seal to prevent tampering and protect the integrity of your consumption data. It is an offence to remove seals or interfere with metering equipment.

How to read your Smart Meter

Icons and Indicators

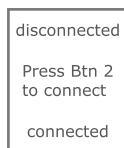
These icons appear on the display panel



Indicates the current register reading.



Indicates the direction of energy through the meter. The left arrow indicates the energy exported into the electricity grid, and the right arrow the energy imported from the electricity grid to your premises.



Indicates the various states of connection of the meter. If the meter is waiting to be connected (for example when the property is uninhabited because of a change of occupants), you can activate it by pressing button 2 until a countdown is completed on the display panel (3,2,1, connected).

Hot water boost – if you have this function

If you have off-peak water heating and run out of hot water, the meter supports a boost facility which heats your water once. The electricity used to reheat your water may be charged at peak rate.

To boost your hot water, press and hold button 2 until a countdown (Boost 3, Boost 2, Boost 1) is completed on the display panel. When the countdown is completed, LC1 will appear on the bottom right of the display panel while your water is heating.



You should not need to press button 2 to boost your hot water if you have an electric hot water heater fitted with automatic reheat.

How to read your Smart Meter

Scroll and Display

Press button 1 to show the next register on the display panel

#	Description	Comments
01	Time	Displays Australian Eastern Standard time in a 24 hour format, including hours minutes and seconds.
02	Date	Displays the current date in a day/month/year format.
03	Energy consumed (Circuit 1)	Displays the cumulative/total electricity consumption at the main circuit of your premises in kilowatt hours. This circuit generally powers the lights, power points and appliances at your premises.
05	Energy delivered to grid	If you have solar panels or some other co-generation source, this displays the cumulative/total electricity delivered back into the electricity network from your premises in kilowatt hours. Otherwise it will display a value of zero.
07	Energy consumed (Circuit 2)	If there is a second circuit at your premises, this displays the cumulative/total electricity consumption of that second circuit in kilowatt hours. This circuit generally powers electric hot water or slab heating. The reading will display a value of zero if you do not have a second circuit.
88	Test pattern	This is a test pattern to confirm that the display is showing the correct numbers. All the available LCD characters will appear on this register.