

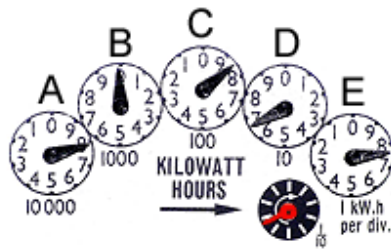
Reading your meter

There are several different types of electricity meters. The following information will show you how to read the different types.

Clock Face (Pointer) Meters

This meter has up to six clock faces. There is one hand on each clock face. The clock faces have numbers 0 to 9 and alternate between rotating clockwise and anti-clockwise.

Start reading from the left hand dial (A) and read each dial in succession to the right. When a dial hand points between two numbers, write down the lower of the two numbers. If it points between 0 and 1 write down 0 and if it points between 9 and 0 write down 9.

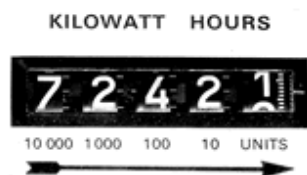


When a dial hand appears to be exactly on a number, as with dial (A), look at the next dial to the right to see if it has passed zero. If the next dial has not passed zero, as with dial (B), then the reading for the first dial is the lower number. In this example the reading for dial (A) is 7.

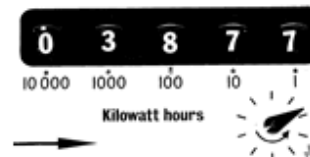
In this example the reading is 7 - 9 - 8 - 6 - 7.

Digits (Cyclometer) Display Meters - Single Rate

This meter gives a direct readout of the total amount of electricity used. Read the numbers in the same sequence as shown on the meter.



In this example the reading is 7 - 2 - 4 - 2 - 1.



In this example the reading is: 0 - 3 - 8 - 7 - 7.

Electronic Digital Display Meters

This meter will automatically cycle through the various meter readings. It is not necessary to press any buttons to read this meter, simply watch as the various meter readings appear.

If a reading is missed simply wait and it will be displayed again. Enter all readings in the boxes provided.

This meter will also display readings for 'test', 'date', 'time' and 'program ID'. Enter all of these readings in the boxes provided as well.

If 'error codes E and F' appear then there is a problem with the meter. Please report these codes on the meter reading sheet.



In this example the reading is 0 - 0 - 4 - 7 - 6 - 3.

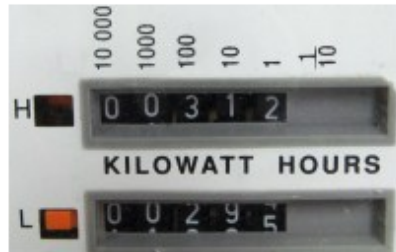
Reading your meter

Digits (Cyclometer) Display Meters - Dual Rate

These meters are similar to the Single Rate Digits (Cyclometer) Display Meters but with a dual display. Firstly, record the reading for the top display, followed by the reading for the bottom display.

In this example, the meter shows two displays - H (High/Peak) and L (Low/Off Peak). Note some meters may have the H and L displays reversed.

The reading for this example is:



H 0 - 0 - 3 - 1 - 2

L 0 - 0 - 2 - 9 - 5

Solar Meters (Inverter Energy System Meters)

Your meter model type is displayed on the front panel label on the front of the meter. The digital display has two sections, the Display ID (or code) and the Display Data (or the actual reading).

It is not necessary to push any buttons on the meter to obtain the reading. A test screen will initially display as a series of 8s. This will ensure the digital display is working correctly.

The specific data displayed on your meter depends on your electricity supply. For example, do you have separate hot water metering, or is your supply single or multiphase?

Solar energy generated will be used by appliances and any excess generation will be recorded on an instantaneous basis on the appropriate display ID.

The following information will show you how to read the different solar meter types.

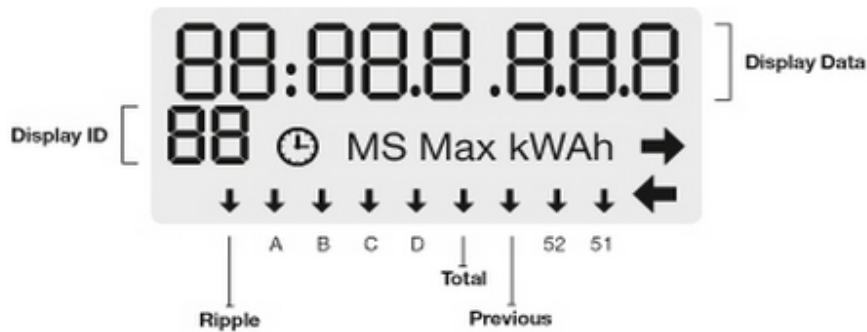
EM1000 Meter – meter used for single tariff installations (Tariff 11 or 20)



DISPLAY DATA	DISPLAY ID	EXPLANATION OF READING
Display Test Screen	A B C D	The test displays first as a series of 8s
Total Import kWh (from electricity distributor)	(Blank)	Energy (kWh) used from the electricity network
Total Export kWh (excess to electricity distributor)	-	Excess energy (kWh) sent back to the electricity network (occurs when appliance usage is less than energy generated by the solar panels)

Reading your meter

EM1200 Meter – meter used for two tariff installations (Tariff 11, 33 or 31)

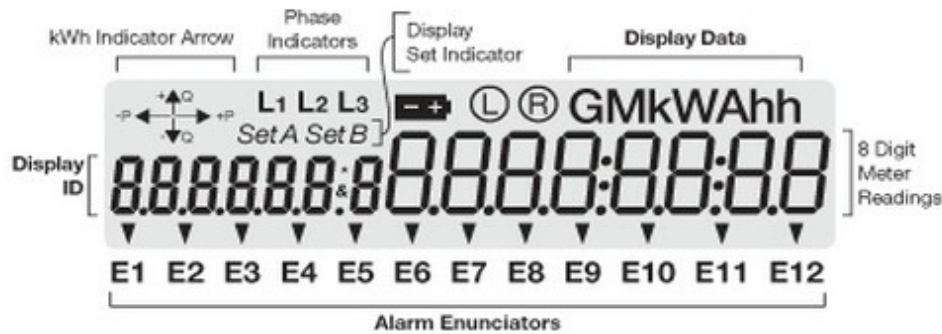


DISPLAY DATA	DISPLAY ID	EXPLANATION OF READING
Display Test Screen	88	The test displays first as a series of 8s
Date	02	Present date
Time	03	Present time
<i>Rate A kWh Element 1 (Peak)</i> <i>*Only applicable if primary tariff is time of use, eg T62 or T22</i>	04*	Energy (kWh) used from the electricity network between 7am- 9pm Monday-Friday - High Rate
<i>Rate C kWh Element 1 (Off Peak)</i> <i>*Only applicable if primary tariff is time of use, eg T62 or T22</i>	05*	Energy (kWh) used from the electricity network between 9pm- 7am Monday-Friday and all weekend - Low Rate
Total Import kWh Element 1 (from electricity distributor)	06	Energy (kWh) used from the electricity network on primary tariff (eg Tariff 11) <i>Sum of 04 & 05 if applicable</i>
Total Export kWh Element 1 & Element 2 (excess to electricity distributor)	07	Excess energy (kWh) sent back to the electricity network (occurs when appliance usage is less than energy generated by the solar panels)
Total Import kWh Element 2 (from electricity distributor)	09	Energy (kWh) used on secondary tariff (ie Tariff 31 or 33)
Program ID	10	Meter program number - electricity distributor use only

NOTE: New EM1200 meters manufactured from 2012 will not have the Test Display or the Date and Time displays.

Reading your meter

MK 10 Meter – multipurpose installations (Tariff 11, 20, 22 or 62)



DISPLAY DATA	DISPLAY ID	EXPLANATION OF READING
Display Test Screen	888	The test displays first as a series of 8s
Date	001	Present date
Time	002	Present time
Total kWh (from electricity distributor)	003	Total energy (kWh) used from the electricity network. Equals sum of 004, 005 and 006
Rate A kWh (from electricity distributor)	004	Energy (kWh) used from the electricity network between 7am- 9pm Monday-Friday
Rate B kWh (from electricity distributor)	005	Energy (kWh) used from the electricity network between 9pm- 11pm Monday-Friday
Rate C kWh (from electricity distributor)	006	Energy (kWh) used from the electricity network at all other times
Previous Maximum kW	011	Previous demand - electricity distributor use only
Current Cumulative kW	012	Current demand - billing use for demand trials
Current Maximum kW	013	Highest maximum demand recorded since last reset - electricity distributor use only
Demand Reset Count	040	Number of times demand reset- electricity distributor use only
Program ID	042	Meter program number - electricity distributor use only
Alarm	057	Displays alarm code - electricity distributor use only
Total kWh Export (excess to electricity distributor)	114	Excess energy (kWh) sent back to electricity network (occurs when appliance usage is less than energy generated by the solar panels)

Reading your meter

Q4 Meter – multipurpose installations (Tariff 11,20, 22 or 62)



DISPLAY DATA	DISPLAY ID	EXPLANATION OF READING
Display Test Screen	888	The test displays first as a series of 8s
Date	001	Present date
Time	002	Present time
Total kWh (from electricity distributor)	003	Total energy (kWh) used from the electricity network. Equals sum of 004, 005 and 006
Rate A kWh (from electricity distributor)	004	Energy (kWh) used from the electricity network between 7am- 9pm Monday-Friday
Rate B kWh (from electricity distributor)	005	Energy (kWh) used from the electricity network between 9pm- 11 pm Monday-Friday
Rate C kWh (from electricity distributor)	006	Energy (kWh) used from the electricity network at all other times
Previous Cumulative kW	011	Previous demand - electricity distributor use only
Current Cumulative kW	012	Current demand - billing use for demand trials
Current Maximum kW	013	Highest maximum demand recorded since last reset - electricity distributor use only
Demand Reset Count	040	Number of times demand reset- electricity distributor use only
Program ID	042	Meter program number - electricity distributor use only
Total kWh Export (excess to electricity distributor)	114	Excess energy (kWh) sent back to electricity network. Equals sum of 115, 116 and 117
Rate A kWh Export (excess to electricity distributor)	115	Excess energy (kWh) sent back to the electricity network between 7am- 9pm Monday-Friday
Rate B kWh Export (excess to electricity distributor)	116	Excess energy (kWh) sent back to the electricity network between 9pm- 11pm Monday-Friday
Rate C kWh Export (excess to electricity distributor)	117	Excess energy (kWh) sent back to the electricity network at all other times

NOTE: Displays 115 – 117 discontinued in IES meters manufactured from September 2009.