

PFID 2110040

- This meter records two tariffs - an 'anytime' and a 'controlled hot water'.
- Two readings will be returned to your retailer to be recorded on your invoice.
- This information is recorded in Register 1 & 2.

Register #	Description
1	The total 'anytime' usage in kWh recorded on this meter since it was installed on your meter board. The current month to date 'anytime' usage is the difference between this number and the 'anytime' reading on your last power account.
2	This is the total 'controlled hot water' usage in kWh recorded on this meter since it was installed on your meter board. The current month to date 'controlled hot water' usage is the difference between this number and the 'controlled hot water' reading on your last power account.
54	The total load in kW on the meter at the point in time it is being read
31	The time in NZ Standard time
32	The date
33	Programme File ID
34	Programme File version
88	Test screen

The registers in the chart above are displayed by default. The meter is programmed with two alternate display lists.

Alternative 1 display list – press and hold **Button 1** until AI E 1 is displayed on the display screen.

This display list has information about voltage, amps and power factor that may be required by an electrician or technician. You can scroll through using **Button 1**.

Register #	Description
41	This is the voltage reading on this meter at the point in time it is being read. Voltage may vary throughout the day and from day to day. Readings between 216 – 244 are within legal tolerances.
51	The total load in kW on 'anytime'.
52	The total load in kW on 'controlled hot water'.
61	The Power Factor for 'anytime'.
62	The Power Factor for 'controlled hot water'.
71	The Amp reading for 'anytime'.
72	The Amp reading for 'controlled hot water'.
81	This is the total 'anytime' usage in kWh recorded on this meter since it was

	installed on your meter board. (same as Register 1 in normal display)
82	This is the total 'controlled hot water' usage in kWh recorded on this meter since it was installed on your meter board. (same as Register 2 in normal display)
40	Meter information

Alternative 2 display list – press and hold **Button 1** until AI E 2 is displayed on the display screen.

This display list has ripple control information that is only relevant to technicians. Load control is operating on this meter if LC is recorded in lower right hand corner of the display screen. When load control is operating there will be no power supply to your controlled load (i.e. it will not be heating the water in your water cylinder). When LC1 is recorded on the display screen there is no load control operating and you should have power to your controlled load.

The meter will automatically default back to the normal display list after it has scrolled through the Alternate display list.