

# Meter Read Sheet

## EDMI Mk7A (QLD)

### Description:

- Single phase dual element electricity meter
- Automatic billing reset on the first day of the month.
- LED1: 1 pulse = 1 watt hour export (to customer)
- LED2: 1 pulse = 1 watt hour import (from customer)

### Display Set A

The registers can be scrolled through using the Display Select button. It is found on the front plate to the right side of the meter. By simply pushing the button you will cause the screen display to scroll forward through the registers on display Set A.

LCD Designator	Description	Example
DATE	Standard Current Date Time: This screen alternates between date and time.	 
001	Exported kwh Total: Total energy consumed by the customer	
040	Imported kwh Total: Total energy generated by the customer	
101	Exported kwh on Main element: Total energy consumed on the Main element.	
140	Imported kwh on Main element: Total energy generated on the Main element.	
201	Exported kwh on Load1 element: Total energy consumed on the Load1 element.	
240	Imported kwh on Load1 element: Total energy generated on the Load1 element.	
TEST	Display Test: This tests all the segments on the display.	

# Meter Read Sheet

## EDMI Mk7A (QLD)

### Display Set B

Display Set B can be activated by holding the **Display Select** button continually for 2 seconds. Each register can then be read using the select button. (Not normally used for billing). Display set B contains meter specific details such as serial numbers, instantaneous voltage, current and power consumption as shown in the table below. (These are given as primary values and may be of use for plant management where energy management systems are not installed.)

LCD Designator	Description	Example
Sgnl	Signal Strength: Received signal strength at the modem.	SetB Sgnl 14
PID	Program ID: This describes the configuration of the meter.	SetB P id 1001-002
Ser	Serial Number: This is meters serial number.	SetB Ser 21000000
P No	Plant Number: The plant number given to the meter.	SetB P no 4-130000
LErr	Latched Errors: This screen shows any errors that the meter has detected.	SetB LErr
Po 1	Pulse Output 1: The energy per pulse on pulse output 1 LED.	SetB Po 1 0.001 kWh
Po 2	Pulse Output 2: The energy per pulse on pulse output 2 LED.	SetB Po 2 0.001 kWh
Volt	Voltage: Mains voltage at the meter.	SetB volt 248.735 V
Amps	Amperage: Absolute current through the Main element.	SetB ANPS 0.127 A
A L1	Amperage: Absolute current through the Load1 element.	SetB A L1 2.976 A

# Meter Read Sheet

## EDMI Mk7A (QLD)

Pwr	Instantaneous Power: The power being consumed or generated (negative) on Main.	Pwr SetB kW 0.0186
P L1	Instantaneous Power: The power being consumed or generated (negative) on Load1	P L1 SetB kW 0.7402
Ang	Phase Angle: The phase angle between volts and current and Main element.	Ang SetB 15.6958