



intelligent.

# enhanced metering validation

Metering Dynamics provides an enhanced validation process to meet NABERS\* validation requirements for non-utility sub-meters.

Metering Dynamics prides itself on the provision of timely and accurate metering data. To ensure the data provided by our metering systems is of the highest standard we perform data validation as standard. This ensures the values provided through our remote reading systems match the values shown on the face of the sub-meter.

Metering Dynamics can also provide an enhanced version of the standard validation process. The enhanced version includes additional information required to complete the initial NABERS non-utility meter validation process as part of a NABERS Rating scheme.

**Metering Dynamics provides a validation record for each non-utility sub-meter that can be submitted to your NABERS Assessor for inclusion with your Rating Assessment. A sample is shown overleaf.**

## what is enhanced validation?

The enhanced validation package provides peace of mind that your remote reading system is accurately capturing the consumption recorded by your non-utility sub-meter.

Whether you are looking to get 10% or 100% of your sub-metering fleet validated, Metering Dynamics can apply the enhanced validation package to suit your needs.

A NABERS equivalent validation record is supplied for each of the following non-utility meters:

- Electricity (CT only)
- Gas
- Water

## the enhanced validation package includes:

- Time stamped face reads of all non-utility meters
- Remote reading system values for the period of validation
- Meter Types
- Meter ID's
- CT Ratios (where applicable)
- Gas Meter Pressures (where applicable)
- Gas Pressure Correction Factors (where applicable)

Enhanced validation can be performed on new or existing installations. For further details please contact us.

*\*NABERS (National Australian Built Environment Rating Scheme) is a national initiative managed by the NSW Dept of Environment, Climate Change and Water [www.nabers.com.au](http://www.nabers.com.au)*

To find out what Metering Dynamics can do for your business, contact us:

Call 1300 792 611

Email [sales@meteringdynamics.com.au](mailto:sales@meteringdynamics.com.au)

Visit [www.meteringdynamics.com.au](http://www.meteringdynamics.com.au)

# enhanced metering validation example

insightful.



## Validation record for electrical non-utility meters

Building Name: XXXXX

Building address: XXX Street, Parramatta, NSW 2123

Name of person undertaking validation: XXXX

Qualification and/or certified licence number: XXX Metering Supervisor - Metering Dynamics

Date of validation: \_\_\_\_\_

NMI: \_\_\_\_\_

Non-utility meter ID (meter no. or tenancy / unit no.)	Non-utility meter description (meter brand and type)	Meter wiring checked*	Remote meter reading		Remote Meter consumption (Confirmation of accurate consumption of remote meter reading)		CT ratio (only applicable for CT type meters)	Meter multiplier; K factor; or meter factor (only applicable for CT type meters)	Power meter check (kWh) (only required where it is not possible to identify the CT ratio)
			Time A 30/05/2011	Time B 31/05/2011	Remote Metering Reading System readings	Corresponding manual nonutility meter readings from meter face			
XXXXXXXXXX	EDMI-ATLAS SUB0000375-6	Yes	9.15am	8.50am					
			880	903	23.1	23	n/a		
XXXXXXXXXX	EDMI-ATLAS SUB0000375-7	Yes	9.20am	8.53am					
			76	115	39.58	39	n/a		
XXXXXXXXXX	EDMI-ATLAS SUB0000375-8	Yes	9.23am	8.55am					
			0	120	120.15	120	n/a		
XXXXXXXXXX	EDMI-ATLAS SUB0000375-5	Yes	9.26am	9.07am					
			1184	1210	26.11	26	60/5	1	
XXXXXXXXXX	EDMI-ATLAS SUB0000375-4	Yes	9.32am	9.04am					
			44449	44535	86	86	60/5	1	
XXXXXXXXXX	EDMI-ATLAS SUB0000375-3	Yes	n/a	9.03am					
			6014	6115	101.5	101	60/5	1	
XXXXXXXXXX	EDMI-ATLAS SUB0000375-2	Yes	n/a	9.00am					
			1729	1794	66.3	65	60/5	1	
XXXXXXXXXX	EDMI-ATLAS SUB0000375-1	Yes	n/a	8.58am					
			730	742	12.5	12	60/5	1	

\*The meter wiring check for CT type meters should check for: reverse CT connection errors; cross phase CT connection errors; phase sequence connection errors; and faulty or missing potential fuses.

Signed to record that the above non-utility meters are correctly configured and have been validated: .....

Note: Metering Dynamics' Remote Metering Readings System utilises 30 minute interval data, the result recorded in Column H for total consumption will reflect whole 30 minute intervals  
For example; For readings taken at 09:40am the 30 minute period taken into account will be from 09:30 - 10:00

To find out what Metering Dynamics can do for your business, contact us:

Call: 1300 792 611  
Email: [sales@meteringdynamics.com.au](mailto:sales@meteringdynamics.com.au)  
Visit: [www.meteringdynamics.com.au](http://www.meteringdynamics.com.au)

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