

**Attachment 1: Summary Table of updates to the 1 October 2021 revised Metrology Procedure<sup>1</sup>**

Clause No	2021 (1 October Version)	2021 (26 November Version)	Changes made between the versions	Reason for Changes
1.4.1 Definitions <i>Accumulation meter</i>	means a meter that measures accumulated energy data and records it in one or more accumulated energy registers.	means a <i>meter</i> that measures <i>accumulated energy data</i> and records it in one or more <i>accumulated energy registers</i> , <u>and includes a meter with interval energy data storage capability which is deemed to be an accumulation meter under clause 3.2(2) of the Metering Code.</u>	Definition updated	Improve consistency with Metering Code
1.4.1 Definitions <i>demand</i>	is the average power over metering interval requirement in a period expressed in kW. (e.g. if the consumption in a period is 1kWh and the period under consideration is half an hour long then the demand is 2kW).	is the average power over metering interval requirement in a period expressed in kW (e.g. if the consumption in a period is 1kWh and the period under consideration is <u>30-minutes</u> long then the demand is 2kW).	Replace 'half hour' with '30-minutes'	Improve consistency with Metering Code
1.4.1 Definitions <i>Net electricity consumption</i>		<u>means the electricity transferred out of the network at a bi-directional metering point, measured and recorded in accordance with clause 3.3C(b) of the Code. The tables in Appendix 3 provide illustrative examples of how meters record usage data for bi-directional metering points in accordance with 3.3C of the Code.</u>	New Definition added	Consistency with clause 3.3C(a) of the Metering Code
1.4.1 Definitions <i>Net electricity production</i>		<u>means the electricity transferred into the network at a bi-directional metering point, measured and recorded in accordance with clause 3.3C(a) of the Code. The tables in Appendix 3 provide illustrative examples of how meters record usage data for bi-directional metering points in accordance with 3.3C of the Code.</u>	New Definition added	Consistency with clause 3.3C(b) of the Metering Code

Clause No	2021 (1 October Version)	2021 (26 November Version)	Changes made between the versions	Reason for Changes
1.4.1 Definitions <i>throughput</i>		<p><u>means for a <i>metering point</i> the sum of the <i>energy</i> measured or determined to be transferred into and out of the <i>network</i>.</u></p> <p><u>Where historic <i>energy data</i> is not available:</u></p> <ul style="list-style-type: none"> <li>a) <u>the <i>throughput</i> will be determined using the nominated <i>demand</i> or on the nameplate rating of the new equipment, or</u></li> <li>b) <u>the <i>metering point</i> is deemed as meeting the requirements for a Type 4 <i>metering installation</i>.</u></li> </ul>	New Definition added	To assist with determining the meter type under Appendix 1 of the Metering Code, Table 3
3.5.5	<a href="https://www.westernpower.com.au">https://www.westernpower.com.au</a>	<a href="https://www.westernpower.com.au/industry/manual-s-guides-standards/build-pack/">https://www.westernpower.com.au/industry/manual-s-guides-standards/build-pack/</a>	Update link to Build Pack landing site	Easier to find Build Pack landing site
5.101	W C Meters	<u>Whole Current</u> Meters	Replace Whole Current for WC	Technical update
5.105	W C Meters	<u>Whole Current</u> Meters	Replace Whole Current for WC	Technical update
5.113	W C Meters	<u>Whole Current</u> Meters	Replace Whole Current for WC	Technical update
7.1.1	Where energy data is recorded in fifteen-minute intervals this must be accumulated to <b>half-hourly</b> values to coincide with the metering interval in accordance with section 7.3	Where energy data is recorded in fifteen-minute intervals this must be accumulated to <u>30-minute metering intervals</u> to coincide with the metering interval in accordance with section 7.3	Update 'half-hourly' to '30-minute metering intervals'	Improve consistency with Metering Code
7.3	Accumulation of data to <b>trading</b> intervals	<u>Accumulation of Data to Metering Intervals</u>	Trading replaced with Metering	Improve consistency with Metering Code
7.3.1	The formulae used for converting fifteen-minute interval readings to <b>half-hourly</b> interval <b>readings</b> are as listed in the following table	The formulae used for converting fifteen-minute interval readings to <u>30-minute metering intervals</u> are as listed in the following table	Update 'half hourly' to '30-minute metering intervals'	Improve consistency with Metering Code

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7.3.1 Table Variable	Half-Hourly (HH) Consumption	<a href="#">30-minute</a> [Half-Hourly (HH) Consumption]	Update 'half hourly' to '30-minute'	Improve consistency with Metering Code
Appendix 1 Table 1 Description of NMI Suffix (1) 7	First <b>LNSP</b> defined register	First <a href="#">Western Power</a> defined register	Replace Western Power for LNSP	Clarification
Appendix 1 Table 1 Description of NMI Suffix (1) 8	Second <b>LNSP</b> defined register	Second <a href="#">Western Power</a> defined register	Replace Western Power for LNSP	Clarification
Appendix 1 Table 1 Description of NMI Suffix (1) 9	Third <b>LNSP</b> defined register	Third <a href="#">Western Power</a> defined register	Replace Western Power for LNSP	Clarification
Appendix 3		<a href="#">Appendix 3. Metering of Bi-Directional Flows</a>	Include illustrative examples of metering for bi-directional electricity flows for a metering interval or accumulation period	Synergy request for bi-directional examples

<sup>1</sup> As agreed and discussed with Synergy