COAG
Energy Council
Senior Committee
of Officials

Ms Audrey Zibelman
Chief Executive Officer
Australian Energy Market Operator
GPO Box 2008
Melbourne VIC 3001

Dear Ms Zibelman

The COAG Energy Council has agreed to make changes to the jurisdictional metrology material contained in the Metrology Procedure, which is established, maintained and published by AEMO under the National Electricity Rules.

The changes agreed by the Council are provided at Attachment A, and can be included in the next round of procedure change consultations.

Yours sincerely

Mr Rob Heferen
Chair
COAG Energy Council Senior Committee of Officials
29 November 17

Secretariat
GPO Box 797
Canberra ACT 2601
Telephone: (02) 6274 1668
energycouncil@environment.gov.au

Attachment A

Changes to metrology material

Victoria (Updates based on Metrology Procedure Part A version 6.03 and Metrology Procedure Part B version 6.0 (all clauses are Part A unless otherwise stated)

Current Clause	*Update required*
Clause 3.4. (b) The values of "x" applicable to a Jurisdiction are specified in the following table: Jurisdiction Variation in accordance with Jurisdictional policy Victoria New South Wales South Australia Australian Capital Territory "Value of "x" is 160 MWh per annum"	Note that this material is set by the Minister of each jurisdiction and is not "jurisdictional metrology material" that needs COAG EC concurrence. In any case, it is proposed to inform AEMO that for Victoria: "the "x" value for type 4A meters is 0 MWh per annum and the "x" value for type 5 meters is 160 MWh per annum"
Clause 3.4 (d) The volume threshold for a connection point must be determined from the annual consumption for the billing periods over the most recent 12-month period, or prorated over a 12-month period based on the Average Daily Load where consumption over the most recent 12-month period is not available. Where no metering data is available, the annual consumption may be calculated based on an engineering report or metering data from the loads of similar customers.	No change required
Clause 3.5. "y" values (a) For connection points with a type 6 metering installation, the volume of electricity flowing through the connection point is to be less than "y" MWh per annum, where "y" varies according to Jurisdiction, except for first-tier load type 6 metering installations that meet the requirements of clause 11.20.3(a) of the NER. (b) The value of "y" applicable to each Jurisdiction is specified in the following table: "Value of "y" is 160 MWh per annum."	No change required
Clause 3.5 (d) "The manner in which the volumes of electricity referred to in the table above are to be calculated in each Jurisdiction is specified in the following table: Jurisdiction Variation in accordance with Jurisdictional policy Victoria New South Wales Queensland The volume threshold for a connection point must be determined from the annual consumption for the billing periods over the most recent 12 month period, or prorated over a 12-month	No change required

Current Clause	*Update required*
period based on the Average Daily Load where consumption over the most recent 12 month period is not available. Where no metering data is available, the annual consumption may be calculated based on an engineering report or metering data from the loads of similar customers."	
6. EMBEDDED NETWORKS This requirement only applies in the Jurisdiction specified in the following table: "Should a Child Metering Point in an embedded network elect to purchase electricity from a retailer other than the parent's retailer, the metering coordinator must ensure that: (a) the child has an interval meter installed; and (b) the parent of the embedded network has an Interval Meter installed."	The policy basis of this clause relates to a period when it was not mandatory to have smart metering, while the policy basis is retained this requirement will now be regulated by a combination of the Victorian Orders and the new NER metering competition rules. This clause is obsolete for Victoria and can be removed.
7. REVERSION OF METERING INSTALLATION TYPES This requirement only applies to the Jurisdiction specified in the following table: "The metering coordinator must ensure that a type 4 or type 5 metering installation is not replaced by a type 6 metering installation."	The policy for non-reversion to a basic meter is now managed by the Orders and the NER for metering competition. This clause is obsolete for Victoria and can be removed.
12.2. Metering Data Collection (a) For type 1, 2, 3, 4, 4A, 5 and 6 metering installations, an MC or AEMO (where applicable) must ensure that metering data is collected in accordance with the Service Level Procedure (MDP). (b) This requirement only applies to the Jurisdiction specified in the following table: "Subject to section 12.2(c)[Vic], the type 5 accumulation boundary is zero MWh per annum."	The type 5 accumulation boundary (the consumption limit above which interval data is mandatorily collected) remains at zero MWh however this is no longer subject to the dates in clause 12.2 (c). This clause becomes for Victoria: "The type 5 accumulation boundary is zero MWh per annum."
Clause 12.2 (c) This requirement only applies to the Jurisdiction specified in the following table: "Section 12.2(b)[Vic] and 12.2(f) do not apply to type 5 metering installations installed on or after 27 February 2005. For type 5 metering installations installed on or after 27 February 2005, the type 5 accumulation boundary is 160 MWh per annum."	While the type 5 boundary continues to be zero MWh for all type 5 meters, the dates in this provision are out of date. This clause is obsolete for Victoria and can be removed.
Clause 12.2 (d) This requirement only applies to the Jurisdiction specified in the following table:	With the removal of clause 12.2 (c), this clause is also obsolete for Victoria and can be removed.

Current Clause	*Update required*
"During the period in which the metering coordinator is not required to collect interval energy data from any type 5 metering installation because of the operation of clause 12.2(c)[Vic], if it does not collect interval energy data from that metering installation, it must collect accumulation energy data from that metering installation as if it were a type 6 metering installation."	
Clause 12.2 (f) Subject to the dates specified in clause 13.2(c)[Vic], for type 5 metering installations (excluding sample profile meters for the purposes of developing the CLPs in accordance with section 13.3 of Metrology Procedure: Part B), the MC must: (i) ensure that interval metering data is collected from a metering installation in accordance with the Service Level Procedure (MDP); and (ii) use reasonable endeavours to ensure that interval metering data is collected from every type 5 metering installation once every three months and that this metering data is transferred to the metering data services database.	Note that the reference to clause 13.2(c) appears to be a mistake and should be a reference to clause 12.2 (c). While not strictly jurisdictional metrology material, due to the removal of 12.2 (c), this clause can be varied to remove the following reference: The reference to "Subject to the dates specified in clause 13.2(c)[Vic]," in this clause can be removed.
Clause 12.2 (i) This requirement only applies to the Jurisdiction specified in the following table: "Nothing in section 12.2(h) prevents the metering coordinator from additionally collecting energy data from a type 5 metering installation and transferring that data to the relevant metering data services earlier than 2 business days prior to the scheduled reading date for that metering installation."	This clause ensures that the Victorian AMI service levels, whereby metering data is to collected and delivered to relevant participants daily, is not in conflict with the metrology procedure for type 5 meters which otherwise would be read (manually) on a quarterly basis. This clause can be brought up to date for Victoria as follows: "Despite 12.2 (h), where metering data for a type 5 metering installation is collected by remote acquisition, metering data is to be transferred to the metering data services database in accordance with the AMI Service Levels Specification (Victoria) (published on the Department's website on 18 October 2007) and as amended from time to time. "
12.4. Access to Metering Data (b) This requirement only applies to the Jurisdiction specified in the following table: "Despite section 12.4(a), where metering data for a type 5 metering installation is collected more frequently than required under clause 12.2(h) (as allowed under section 12.2(i)[Vic])	Despite data being collected daily, this clause seems to limit the availability of data "until 5pm on the second business day after the next scheduled reading date" where NSRDs are quarterly dates relating to old manual reading and billing schedules.

Current Clause	*Update required*
access to metering data need not be provided until 5pm on the second business day after the next scheduled reading date for that metering installation."	Given that it is intended that data be provided to participants daily and customers generally as well on request under the AMI Tariffs Order and NER Clause 7.15.5 when it is available, it is unclear why parties have been provided with the ability to restrict access to data to a date in relation to the NSRD. This clause is obsolete for Victoria and can be removed.
Part B, Clause 2.3. Estimation Requirement The MDP must undertake Estimations on behalf of the MC in a manner consistent with this Procedure. Estimations may be required in the following circumstances: (a) Routinely for a period equal to or just greater than the period to the NSRD or another forward period. (b) In response to End User transfers authorised by a Jurisdiction or RoLR Events, as outlined in section 13. (c) Where the current published Scheduled Reading Date has changed due to a revised scheduled reading route and the existing estimated metering data does not extend to or beyond the revised NSRD, the MDP must adjust the estimated metering data for the revised NSRD. "Where metering data for a type 5 metering installation is collected more frequently than required by Metrology Procedure Part A, Estimations need not be provided routinely or as a result of a change to the current published Scheduled Reading Date. Estimations must, however, be provided where necessary to meet the data requirements of Schedule 8 of the Service Level required for Metering Data Collection, Processing and Delivery Services for Metering Provider category 5D, 6D and 7D, but are not required to be for a period to the next Scheduled Reading Date."	Update as follows: "Where metering data for a type 5 metering installation is collected by remote acquisition, Estimations need not be provided routinely or as a result of a change to the current published Scheduled Reading Date." "Estimations must, however, be provided where necessary to meet the data requirements of Schedule 8 of the Service Level required for Metering Data Collection, Processing and Delivery Services for Metering Provider category 5D, 6D and 7D, but are not required to be for a period to the next Scheduled Reading Date."

Tasmania

Current Clause	*Update required*
7. REVERSION OF METERING INSTALLATION TYPES Tasmania (1) The metering coordinator must ensure that a type 4 or type 5 metering installation is not replaced by a type 6 metering installation. (2) A type 4 or type 5 metering installation may be replaced by a type 6 metering installation in relation to a specified connection point where approved by the Minister and written notice of that approval has been provided to AEMO.	Delete this text for Tasmania.

Queensland

Current provision	*Update required*
3.5 - "y" values – Calculation and Use	
(b) The value of "y" applicable to each Jurisdiction is specified in the following table:	
Qld - Value of "y" is:	
aa) For the period 1 July 2012 to 30 June 2013, 750 MWh per annum for end-use customers who cease to be Queensland Non-Market Customers on 1 July 2012 by operation of the Act and/or Queensland Electricity Regulation 2006, and,	Delete
b) 100 MWh per annum for Queensland Market Customers in accordance with (c), below of this metrology procedure.	Change to "100 MWh per annum for Queensland Market Customers"
c) The metering coordinator must ensure that the meters installed in the type 6 metering installations under (a) and (b), above, are interval meters which must be capable of being upgraded for use in a type 4 metering installation without replacing the meter.	Delete
7. REVERSION OF METERING INSTALLATION TYPES	
This requirement only applies to the Jurisdiction specified in the following table:	
Qld -	
(2) The metering coordinator may convert a remotely read Interval Meter to a manually read Interval Meter if the consumption drops below 100MWh per annum.	Delete
9. INSTALLATION OF METER(S)	
9.3. Queensland Only	

This requirement only applies to the Jurisdiction specified in the following table:	
Qld - Complies with the Queensland Electricity Connection and Metering Manual, which each LNSP must publish and update from time to time.	Delete
12. RESPONSIBILITY FOR METERING DATA SERVICES	
12.2. Metering Data Collection	
(b) This requirement only applies to the Jurisdiction specified in the following table:	
(4) Once interval metering data is transferred to AEMO, the Interval Meter must continue to be read as an Interval Meter unless the NMI is reclassified from a NMI equal to or greater than 100 MWh per annum to a NMI less than 100 MWh per annum, in which case the Interval Meter may be read as an Accumulation Meter.	Delete

New South Wales

Current Clause	*Update required*
7. REVERSION OF METERING INSTALLATION TYPES This requirement only applies to the Jurisdiction specified in the following table: "(1) The metering coordinator must ensure that a meter that meets the requirements of a type 5 metering installation, and is installed at a connection point consuming between 100 MWh per annum and 160 MWh is not removed from a metering point, unless: The metering installation is to be replaced by a metering installation type 1, 2, 3, 4, or 5; or The NMI is deregistered"	This clause is to be modified for NSW to allow type 5 meters to be replaced with a type 4A meter: "(1) The metering coordinator must ensure that a meter that meets the requirements of a type 5 metering installation, and is installed at a connection point consuming between 100 MWh per annum and 160 MWh is not removed from a metering point, unless: (a) The metering installation is to be replaced by a metering installation type 1, 2, 3, 4, 4A or 5; or (b) The NMI is deregistered"
12.2. Metering Data Collection (a) For type 1, 2, 3, 4, 4A, 5 and 6 metering installations, an MC or AEMO (where applicable) must ensure that metering data is collected in accordance with the Service Level Procedure (MDP). (b) This requirement only applies to the Jurisdiction specified in the following table: "(1) Subject to section 7[NSW](4), the *type 5 accumulation boundary* is 100 MWh per annum"	This clause becomes for NSW: "(1) Subject to section 7[NSW](4), the *type 5 accumulation boundary* is 100 MWh per annum for type 5 meters installed prior to, or in the process of being installed as at 1 December 2017."