# METERING DATA PROVISION PROCEDURES: DRAFT REPORT, DRAFT DETEMINATION AND DRAFT PROCEDURES – PARTICIPANT RESPONSE PACK

## METERING DATA PROVISION PROCEDURES PACKAGE

***Participant**: Department of Industry and Science*

***Completion Date**: 21 July 2015*

# 1. Draft Metering Data Provision Procedures

| Item | Description | Participant Comments |
|---|---|---|
| **1** | **INTRODUCTION** | |
| 1.1 | Purpose and scope | |
| 1.2 | Definitions and interpretation | |
| 1.3 | Related AEMO procedures | |
| **2** | **IDENTITY VERIFICATION AND DATA DELIVERY TIMEFRAMES** | |
| 2.1 | Verifying the identity of a retail customer or customer authorised representative | The Department supports the proposed requirement for retailers and DNSPs to publish the information that will be required from retail customers or customer authorised representatives to verify identity and relevant consent and the way in which a request for metering data can be made. |
| 2.2 | Retail customer request | |
| 2.3 | Customer authorised representative | |
| **3** | **DATA DELIVERY METHOD** | |
| 3.1 | Delivering summary data | |
| 3.2 | Delivering detailed data | |
| 3.3 | File naming conventions | |
| 3.4 | Numbering of metering data files to be provided | |
| **4** | **DATA FILE CONTENT** | |
| 4.1 | Field details – format and unit of measure | |
| 4.2 | Accumulated metering data summary | |

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| 4.3 | Interval metering data summary | The summary format for interval data must be easy to understand and should allow customers to:<br>• Identify their usage pattern over a day, not just in relation to total usage in periods associated with their current billing arrangments;<br>• Relate their usage patterns to their daily routine;<br>• Know when maximum demand has occurred (amount, time and date), and relate their maximum demand to their usage pattern;<br>• Easily check different tariff structures against the daily usage patterns, to see if (without behaviour change) more or less use will fall in peak periods, so as to narrow down tariffs to compare.<br><br>To do this, presentation of an average daily load profile should be a minimum requirement for the summary format.<br><br>The current proposal to provide usage by tariff segment will provide total usage in a day, but it will not allow a customer to:<br>• use their load profile to compare their usage to other tariffs on offer;<br>• get a reliable indication of their potential for load shifting, especially if the peak tariff period is long, or there are multiple peak and shoulder periods; or<br>• understand when their maximum demand is likely to occur.<br><br>Providing an average daily load profile does not require any knowledge of the tariff, so both retailers and distributors will be able to provide this information. A daily load profile could be provided on a monthly, seasonal or annual basis, giving retailers and distributors some flexibility to tailor the summary to customer needs. Seasonal variations in usage patterns could also be shown on the same chart.<br><br>With a move to introduce demand tariffs, the level of maximum demand and when it occurs should also be included in the summary format. This should be provided no matter if it is applicable for current billing (as proposed) to allow customers to compare other tariff offers which may use maximum demand as a charging parameter. |

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|---|---|---|
| 4.4 | Detailed data format | The Department supports the proposed use of the NEM 12 format for the detailed data format and the provision of a user guide. This should reduce cost in the development of information services by using one standardised format already used by AEMO to provide data to market participants. |
| 4.5 | Ability to offer alternative metering data formats | |
| 5 | **OTHER COMMENTS** | |
| Appendix A | **ACCUMULATED METERING DATA SUMMARY FORMAT** | |
| A.1 | File conditions | |
| A.2 | Example: accumulated file | |
| A.3 | Example: diagrammatic representation of energy usage | |
| Appendix B | **INTERVAL METERING DATA SUMMARY FORMAT** | |
| B.1 | File conditions | |
| B.2 | Example: interval file | |
| B.3 | Example: diagrammatic representation of energy usage | The style of graph used as the example is important as some participants may choose to base their diagrams on the example provided by AEMO.<br>The graph used as an example is quite complex (with more than one reference axis) and may not be readily understood by many users.<br>Further, it does not address the need to provide customers with information on their actual load profile, irrespective of their current tariff arrangements.<br>A line graph showing average use across a day would be easier for customers to interpret, and would allow customers to compare different tariff offers on their average usage pattern.<br>Separately, the amount, date and time of maximum demand should be easily identifiable, as this information is most useful for purposes such as bill reconciliation and tariff comparison. |