

# NMI STANDING DATA SCHEDULE: FINAL DETERMINATION AND REPORT

PREPARED BY: MARKET PERFORMANCE

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Final Determination

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# 1 Background

As a result of clause 7 of the National Electricity (Miscellaneous and Consequential) Amendment Rules 2010, which inserts clause 3.13.12A into the *Rules*, *AEMO* must prepare and consult on a scheme, called the NMI Standing Data Schedule.

Participating jurisdictions currently have their own NMI Standing Data Schedules in accordance with clause 3.13.12 of the National Electricity Rules (**NER**).

The National Electricity (Miscellaneous and Consequential) Amendment Rules 2010 will take effect from 1 July 2012.

#### 2 Matter under consultation

Under clause 3.13.12A, AEMO is required to publish the NMI Standing Data Schedule.

The objectives of this consultation are to:

- Provide *Consulted Persons* with an opportunity to contribute to the development of the NMI Standing Data Schedule; and
- Ensure that *Consulted Persons* are properly informed about the proposed and final outcome.

#### 3 Rules Clause

Clause 3.13.12A states:

(a) AEMO must, in consultation with the responsible authorities for participating jurisdictions, *Registered Participants*, and other interested persons, develop a scheme for an NMI standing data schedule (the **NMI Standing Data Schedule**).



# 4 Consultation Process

The objectives of the consultation are:

- i. to provide participating jurisdictions, *Registered Participants*, *Intending Participants* and *interested parties* with the opportunity to be involved in the development of NMI Standing Data Schedule; and
- ii. to ensure that *participating jurisdictions*, *Registered Participants*, *Intending Participants* and *interested parties* are properly informed about the final outcome.

The proposed process and date plan of the consultation process are:

| Action                                    | Start Date | End Date   | Notes                             |
|---|------------|------------|-----------------------------------|
| Issue Notice of Consultation              | 07/11/2011 | 07/11/2011 | (complete)                        |
| Submissions due                           | 08/11/2011 | 13/12/2011 | within 25 business days after the |
|   |            |            | Notice of Consultation is issued  |
|   |            |            |                                   |
|   |            |            | (complete)                        |
| AEMO considers all valid submissions and  | 14/12/2011 | 13/01/2012 | within 20 business days of the    |
| drafts the Draft Determination and Report |            |            | submission close date             |
| (including the change marked NMI          |            |            |                                   |
| Standing Data Schedule).                  |            |            | (complete)                        |
| AEMO Publishes Draft Determination and    | 16/01/2012 | 16/01/2012 | (complete)                        |
| Report                                    |            |            |                                   |
| Submissions due                           | 17/01/2012 | 01/02/2012 | within 10 business days after the |
|   |            |            | Draft Determination is published  |
|   |            |            | (complete)                        |
| AEMO considers all valid submissions and  | 02/02/2012 | 14/03/2012 | within 30 business                |
| drafts the Final Determination report     |            |            |                                   |
| (including the change marked and clean    |            |            |                                   |
| versions of the NMI Standing Data         |            |            |                                   |
| Schedule).                                |            |            | (complete)                        |
| AEMO Publishes Final Determination        | 15/03/2012 | 15/03/2012 | (complete)                        |
|   |            |            |                                   |
| AEMO publishes a notice of adoption of    | 05/04/2012 | 05/04/2012 |                                   |
| the NMI Standing Data Schedule in the SA  |            |            |                                   |
| Gazette Notice                            |            |            |                                   |
| Proposed Effective Date of the NMI        | 01/07/2012 | 01/07/2012 |                                   |
| Standing Data Schedule.                   |            |            |                                   |
| č   |            |            |                                   |
|   | 1          | 1          |                                   |



# 5 Consideration of submissions

AEMO received submissions from three participant organizations in response to the notice of the second stage of consultation.

The following is a list of respondents:

|    | Respondent    | Participant type / role               |
|----|---------------|---------------------------------------|
| 1. | Energex       | Distribution Network Service Provider |
| 2. | Origin Energy | Retailer                              |
| 3. | TRUenergy     | Retailer                              |

Details of submissions and AEMO's responses are available in Section 7.

#### 6 Determination

AEMO determines the NMI Standing Data Schedule in the form contained in Attachment A.



#### 7 Proposed Changes

This section lists participant comments on the proposed draft NMI Standing Data Schedule, AEMO's response to participant comments and the final determination.

**NOTE:** All proposed additions to the NMI Standing Data Schedule are highlighted in **Bold Green** text. All proposed deletions from the NMI Standing Data Schedule are struck out. Example Reference

| Item  | Descri                                | iption  | Participant Response to Draft Determination   | Final Determination   |
|-------|---------------------------------------|---|---|---|
| 1     | Text f                                | from Schedule   |   |   |
|       | Scop                                  | e e   |   |   |
| 7.1.1 | <b>1.</b><br>(a)<br>(b)<br>(c)<br>(d) | <ul> <li>Introduction</li> <li>This NMI Standing Data Schedule (Schedule) is made in accordance with clause 3.13.12A of the National Electricity Rules (NER).</li> <li>This Schedule commences on 1 July 2012.</li> <li>This Schedule may only be amended in accordance with section 8 of this Schedule.</li> <li>If there is any inconsistency between this Schedule and the NER, the NER will prevail to the extent of that inconsistency.</li> </ul> | Energex Ltd: No comments.<br>Origin Energy: Agree.<br>TRUenergy: No comments.   | <ul> <li><b>AEMO Response:</b> AEMO notes that all participants agree with the Draft Determination therefore no further changes are required.</li> <li><b>Outcome:</b> No changes</li> </ul>  |
| 7.1.2 | <b>2.</b><br>This \$                  | <b>Purpose</b><br>Schedule specifies the NMI Standing Data Schedule.  | <ul> <li>Energex Ltd: Suggest the word 'specifies' is replaced with 'constitutes'.</li> <li>Origin Energy: Agree.</li> <li>TRUenergy: AEMO's Response from the Initial consultation has been recognised by TRUenergy; it would be beneficial to all participants to include the information within the Data Set as below in order to provide context to this document.</li> </ul> | AEMO Response: AEMO notes Energex's<br>feedback however using the term<br>'constitute' would imply that the Schedule<br>comprises of the NMI Standing Data<br>Schedule whereas the term 'specifies' is<br>used to identify the NMI Standing Data<br>Schedule.<br>Therefore the suggestion is not accepted.<br>In response to TRUenergy's suggestion,<br>while the purpose is used to identify the<br>Schedule, <b>7.3 Rights</b> (which will be<br>combined with 7.2, refer to Item 7.3.1 |



| ltem  | Description  | Participant Response to Draft Determination  |   |
|-------|--|--|---|
|       |  | <b>Data Set</b><br>The Schedule aims to harmonise the<br>provision of current jurisdictional NMI<br>Standing data obligations and does not aim<br>to replicate the extensive NMI Discovery<br>Stage 2 data set as it reflects the additional<br>participant requirements. While the<br>Schedule outlines the minimum data that<br>Participants must provide to AEMO, details<br>on the provision of that data including<br>responsible party, timing obligations etc are<br>already reflected in the MSATS<br>Procedures. This Schedule simply draws on<br>the MSATS Procedures for those<br>obligations as set out in the NMI Discovery<br>obligations.<br>The MSATS Procedures will reference this<br>Schedule and vice versa to make<br>participants aware of the other document<br>and thus avoid confusion. | Outcome ) summarises the information<br>provided into a brief sentence that draws on<br>the MSATS Procedures: CATS Procedure<br>Principles and Obligations for participants<br>use.<br>Therefore the suggestion is not accepted.<br><b>Outcome:</b> No changes. |
| 7.1.3 | <b>3. Application</b><br>This Schedule applies to AEMO, Registered Participants, Metering<br>Data Providers and Metering Providers.  | Energex Ltd: No comments.<br>Origin Energy: Agree.<br>TRUenergy: No comments.  | AEMO Response: AEMO notes that all participants agree with the Draft Determination therefore no further changes are required.   |
| 7.1.4 | <b>4.</b> Legal and Regulatory Framework<br>This Schedule has been prepared in accordance with clause 3.13.12A<br>of the NER. The clause requires AEMO to develop a scheme for an<br><i>NMI standing data schedule</i> . | Energex Ltd: No comments.<br>Origin Energy: Agree.<br>TRUenergy: No comments.  | AEMO Response: AEMO notes that all participants agree with the Draft Determination therefore no further changes are required.   |



| ltem  | Description   |   | Participant Response to Draft Determination   | Final Determination  |  |
|-------|---|---|---|--|--|
| 7.1.5 | <ul> <li>5. Related Polici</li> <li>• MSATS Proced</li> </ul>                                 | <b>es and Procedures</b><br>dures   | <ul> <li>Energex Ltd: No comments.</li> <li>Origin Energy: The documents listed here should only be those which relate to participants' obligations to update and access data elements of the NMI Standing data Schedule.</li> <li>TRUenergy: No comments.</li> </ul> | AEMO Response: AEMO notes Origin<br>Energy's comments and are of the<br>understanding that this section should be<br>used to list documents that are relevant to<br>the NMI Standing Data Schedule.<br>The MSATS Procedures is noted as a<br>related document as it is referenced in<br>section 7 of the NMI Standing Data<br>Schedule for the purpose of rights and<br>obligations. |  |
|       |   |   |   | Outcome: No changes.   |  |
| 2     | Contents  |   |   |  |  |
| 7.2.1 | 6. NMI Standing Data Scher<br>The following data in respect of a d<br>Standing Data Schedule: | espect of a connection point constitutes the NMI  | e NMI Origin Energy: If this truncated list of data elements is to remain in the schedule then an explanation as to why this is different to the data elements provided in the MSATS  | <b>AEMO Response:</b> AEMO notes Origin<br>Energy's response. This Schedule aims to<br>harmonise existing jurisdictional NMI<br>Standing Data Schedules in accordance<br>with clause 3.13.12A of the NER. As a<br>reference to this clause is made in section 4<br>of the NMI Standing Data Schedule<br>document, an additional explanation is not                                   |  |
|       |   |   | Principles and Obligations is required.   | required.  |  |
|       | NMI<br>NMI Checksum<br>NMI Classification<br>Code<br>NMI Status Code                          | The NMI of the connection point.<br>The NMI checksum for the connection<br>point.<br>The NMI classification code (as set out in<br>the MSATS Procedures) of the<br>connection point.<br>The NMI status code (as set out in the<br>MSATS Procedures) of the connection | TRUenergy: No comments.   | n consistency with participation column the NMI Standing   | After further consideration, AEMO have<br>updated the term 'NMI' under the<br>Explanation column, to be italicised for<br>consistency with part (a) of the Glossary of<br>the <b>NMI Standing Data Schedule</b> , which<br>prescribes defined terms of the NER should<br>be <i>in this style</i> . |
|       | Distribution Loss<br>Factor Code  | <i>point.</i><br>The relevant <i>distribution loss factor</i><br>applicable to the <i>connection point</i> .  |   |  |  |



| ltem | Description   |  |  | Participant Response to Draft Determination | Final Determination  |
|------|---|--|--|---|--|
|      | Datastream (suffix<br>representing NMI<br>datastream) | An identifier used for a stream of metering data associated with a <i>connection point</i> in accordance with the NMI Procedure.         |  |   | Outcome:<br>EXPLANATION  |
|      | Datastream Status<br>Code                             | Status of the datastream (as set out in the MSATS Procedures).   |  |   | The <i>NMI</i> of the <i>connection point</i> .  |
|      | Embedded Network<br>Child Code                        | Identifies the embedded network that the child <i>NMI</i> belongs to (if <i>connection point</i> is within an embedded network).         |  |   | The <i>NMI</i> checksum for the <i>connection point</i> .  |
|      | Embedded Network<br>Parent Code                       | Identifies the embedded network that the parent <i>NMI</i> belongs to (if <i>connection</i>  |  |   | The <i>NMI</i> classification code (as set out in the MSATS Procedures) of the <i>connection point</i> . |
|      | Jurisdiction Code                                     | <i>point</i> is within an embedded network).<br>The code for the state or territory in<br>which the <i>connection point</i> is situated. |  |   | The <i>NMI</i> status code (as set out in the MSATS Procedures) of the <i>connection point</i> .         |
|      | Local Network Service<br>Provider                     | The identity of the Local Network Service Provider.  |  |   | The relevant <i>distribution loss factor</i> applicable to the <i>connection point</i> .                 |
|      | Meter Serial Number                                   | The meter serial number uniquely identifies a meter for a given NMI.   |  |   | An identifier used for a stream of metering data associated with a                                       |
|      | Meter Status  | Status of the meter at the <i>connection</i><br><i>point</i> (as set out in the MSATS  |  |   | <i>connection point</i> in accordance with the <i>NMI</i> Procedure.                                     |
|      | Metering Installation                                 | Procedures).<br>The metering installation code identifies  |  |   | Status of the datastream (as set out in the MSATS Procedures).   |
|      | Code  | the type of metering installation.   |  |   | Identifies the embedded network that the   |
|      | Network Tariff Code                                   | The network tariffs (identified by a code)   |  |   | child <i>NMI</i> belongs to (if <i>connection point</i> is within an embedded network).                  |
|      |   | applicable in respect of the <i>connection</i> point.  |  | Identifies the embedded network that the    |  |
|      | Next Schedule Read                                    | The read cycle date, or date of next scheduled read or date in a relevant  |  |   | parent <i>NMI</i> belongs to (if <i>connection point</i> is within an embedded network).                 |
|      | Date  | code representing the read cycle date or date of next schedule read, for that  |  |   | The code for the state or territory in which the <i>connection point</i> is situated.                    |
|      | Profile Name  | <i>connection point.</i><br>Profile types applicable to the <i>connection point.</i>   |  |   | The identity of the Local Network Service Provider.  |



| ltem | Description                          |   | Participant Response to Draft Determination | Final Determination   |
|------|--------------------------------------|---|---|---|
|      | Register Identifier                  | Represents a stream of metering data measured by the meter.   |   | The meter serial number uniquely identifies a meter for a given <i>NMI</i> .  |
|      | Register Identifier<br>Status        | The register identifier status indicates if the meter register is active.   |   | Status of the meter at the <i>connection point</i> (as set out in the MSATS   |
|      | Street Address                       | The street address of the relevant<br><i>connection point</i> to which that NMI is<br>referable (as set out in the MSATS<br>Procedures).  |   | Procedures).<br>The metering installation code identifies<br>the type of metering installation.   |
|      | Time Of Day                          | Denotes time of day that the register is measuring.   |   | The network tariffs (identified by a code) applicable in respect of the <i>connection point</i> .   |
|      | Transmission Node<br>Identifier Code | The code (known as a TNI) identifying<br>the relevant transmission node that<br>identifies the <i>transmission loss factor</i><br>and/or transmission use of system<br>charge for the <i>connection point</i> . |   | The read cycle date, or date of next scheduled read or date in a relevant code representing the read cycle date or date of next schedule read, for that <i>connection point</i> .                               |
|      | Unit of Measure                      | The unit of measurement for data being measured for the register.   |   | Profile types applicable to the <i>connection point</i> .   |
|      |                                      |   |   | Represents a stream of metering data measured by the meter.   |
|      |                                      |   |   | The register identifier status indicates if the meter register is active.   |
|      |                                      |   |   | The street address of the relevant <i>connection point</i> to which that <i>NMI</i> is referable (as set out in the MSATS Procedures).  |
|      |                                      |   |   | Denotes time of day that the register is measuring.   |
|      |                                      |   |   | The code (known as a TNI) identifying<br>the relevant transmission node that<br>identifies the <i>transmission loss factor</i><br>and/or transmission use of system<br>charge for the <i>connection point</i> . |
|      |                                      |   |   | The unit of measurement for data being  |



| ltem  | Description  | Participant Response to Draft Determination  | Final Determination   |
|-------|--|--|---|
|       |  |  | measured for the register.  |
| 3     | Compliance   |  |   |
| 7.3.1 | Rights and Obligations   | Energex Ltd: Suggest additional wording in Red Text.   | <b>AEMO Response:</b> AEMO notes Energex's suggestions however the 'data elements' listed in Section 6 make up the Schedule                               |
|       | <ul> <li>7.1 Obligations to supply data for the NMI Standing Data<br/>Schedule</li> <li>Registered Participants, Metering Data Providers and Metering<br/>Providers must provide to AEMO the data elements of the NMI</li> </ul> | <ul> <li>7.2 Obligations when using the NMI<br/>Standing Data Schedule</li> <li>Prospective retailers who are also<br/>Registered Participants may access the</li> </ul> | itself therefore there is no need to<br>differentiate between the 'data elements'<br>and the 'NMI Standing Data Schedule' as<br>they are one of the same. |
|       | Standing Data Schedule, for which they are responsible, in accordance with the MSATS Procedures: CATS Procedure Principles and Obligations.  | data elements of the NMI Standing Data<br>Schedule   |   |
|       | 7.2 Obligations when using the NMI Standing Data Schedule  | FRMP and LNSPs can access the data<br>elements of the NMI Standing Data<br>Schedule  |   |
|       | Prospective retailers who are also Registered Participants may access the NMI Standing Data Schedule for the purposes of:  | 7.3 Rights   |   |
|       | <ul> <li>providing a retail customer with a quotation or proposal for that<br/>retail customer's supply of electricity while seeking to be the<br/>FRMP for that retail customer's connection point;</li> </ul>                  | Registered Participants can access the data elements of the NMI Standing Data Schedule   |   |
|       | <ul> <li>entering a change of retailer request into MSATS in order to<br/>become the FRMP for the retail customer's connection point;</li> </ul>   | <b>Origin Energy:</b> Suggest changing the title of section 7.2 to:  | AEMO agrees with Origin Energy's  |
|       | arranging the relevant connection.   | Access to the NMI Standing Data Schedule   | suggestion and has combined section 7.3 wth section 7.2.  |
|       | FRMP and LNSPs can access the NMI Standing Data Schedule in accordance with the MSATS Procedures: CATS Procedure Principles  |  | It was also noted there was initially a   |
|       | and Obligations.   | It is suggested that 7.3 be included in 7.2 as it concerns access to the schedule.   | distinction between 'FRMP and LNSPs' to<br>'Registered Participants' which is not<br>required therefore this sentence has also                            |
|       | 7.3 Rights   | TRUenergy: No comments.  | been amended to reflect the change  |
|       | Registered Participants can access the NMI Standing Data Schedule<br>at any time in accordance with the MSATS Procedures: CATS<br>Procedure Principles and Obligations.  |  | ensuring all Registered Participants are included.  |



| Item | Description | Participant Response to Draft Determination |   |
|------|-------------|---|---|
|      |             |   | Outcome:  |
|      |             |   | 7.2 Obligations when using the NMI<br>Standing Data Schedule  |
|      |             |   | Prospective retailers who are also<br>Registered Participants may access the<br>NMI Standing Data Schedule for the<br>purposes of:  |
|      |             |   | <ul> <li>providing a retail customer with a<br/>quotation or proposal for that retail<br/>customer's supply of electricity<br/>while seeking to be the FRMP for<br/>that retail customer's connection<br/>point;</li> </ul> |
|      |             |   | <ul> <li>entering a change of retailer<br/>request into MSATS in order to<br/>become the FRMP for the retail<br/>customer's connection point;</li> </ul>  |
|      |             |   | • arranging the relevant connection.  |
|      |             |   | FRMP and LNSPs Registered<br>Participants can access the NMI Standing<br>Data Schedule in accordance with the<br>MSATS Procedures: CATS Procedure<br>Principles and Obligations.  |
|      |             |   | <del>7.3 Rights</del>   |
|      |             |   | Registered Participants can access the NMI<br>Standing Data Schedule at any time in<br>accordance with the MSATS Procedures:<br>CATS Procedure Principles and<br>Obligations.   |



| Item  | Description   | Participant Response to Draft Determination        | Final Determination  |
|-------|---|--|--|
| 7.3.2 | 8. Amendments<br>Except where the amendment is minor or administrative in nature,<br>AEMO may amend this Schedule in accordance with the Rules                      | Energex Ltd: No comments.<br>Origin Energy: Agree. | <b>AEMO Response:</b> AEMO notes that all participants agree with the Draft Determination therefore no further changes are required. |
|       | consultation procedures.<br>Where AEMO reasonably determines that the amendment is of minor<br>or administrative in nature, AEMO will make and publish the changes. | TRUenergy: No comments.                            | Outcome: No changes.   |



### **Attachment A**

Refer to NMI Standing Data Schedule V1.0.