

NMI STANDING DATA SCHEDULE: FINAL DETERMINATION AND REPORT

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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**).

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4 Consultation Process

The objectives of the consultation are:

- 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
A.E.1.0	4.440.004.4	10/04/0040	(complete)
AEMO considers all valid submissions and drafts the Draft Determination and Report (including the change marked NMI Standing Data Schedule).	14/12/2011	13/01/2012	within 20 business days of the submission close date (complete)
AEMO Publishes Draft Determination and Report	16/01/2012	16/01/2012	(complete)
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 drafts the Final Determination report (including the change marked and clean versions of the NMI Standing Data	02/02/2012	14/03/2012	within 30 business
Schedule).			(complete)
AEMO Publishes Final Determination	15/03/2012	15/03/2012	(complete)
AEMO publishes a notice of adoption of the NMI Standing Data Schedule in the SA Gazette Notice	05/04/2012	05/04/2012	
Proposed Effective Date of the NMI Standing Data Schedule.	01/07/2012	01/07/2012	

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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.

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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	Description		Participant Response to Draft Determination	Final Determination
1	Text fr	rom Schedule		
	Scope			
7.1.1	1. (a) (b) (c) (d)	Introduction This NMI Standing Data Schedule (Schedule) is made in accordance with clause 3.13.12A of the National Electricity Rules (NER). This Schedule commences on 1 July 2012. This Schedule may only be amended in accordance with section 8 of this Schedule. If there is any inconsistency between this Schedule and the NER, the NER will prevail to the extent of that inconsistency.	Energex Ltd: No comments. Origin Energy: Agree. TRUenergy: No comments.	AEMO Response: AEMO notes that all participants agree with the Draft Determination therefore no further changes are required. Outcome: No changes
7.1.2	2. This S	Purpose Schedule specifies the NMI Standing Data Schedule.	Energex Ltd: Suggest the word 'specifies' is replaced with 'constitutes'. Origin Energy: Agree. 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.	AEMO Response: AEMO notes Energex's feedback however using the term 'constitute' would imply that the Schedule comprises of the NMI Standing Data Schedule whereas the term 'specifies' is used to identify the NMI Standing Data Schedule. Therefore the suggestion is not accepted. In response to TRUenergy's suggestion, while the purpose is used to identify the Schedule, 7.3 Rights (which will be combined with 7.2, refer to Item 7.3.1

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

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			AUSTRALIAN ENERGY MARKET OPERATOR		
Item	Description		Participant Response to Draft Determination	Final Determination	
7.1.5	5. Related Police • MSATS Proce	edures	Crigin 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. TRUenergy: No comments.	AEMO Response: AEMO notes Origin Energy's comments and are of the understanding that this section should be used to list documents that are relevant to the NMI Standing Data Schedule. The MSATS Procedures is noted as a related document as it is referenced in section 7 of the NMI Standing Data Schedule for the purpose of rights and obligations.	
				Outcome: No changes.	
2	Contents				
7.2.1	6. NMI Standing Data Schedule The following data in respect of a connection point constitutes the NMI Standing Data Schedule:		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	AEMO Response: AEMO notes Origin Energy's response. This Schedule aims to harmonise existing jurisdictional NMI Standing Data Schedules in accordance with clause 3.13.12A of the NER. As a reference to this clause is made in section of the NMI Standing Data Schedule	
	DATA NAME	EXPLANATION	Procedures: CATS Procedure Principles and Obligations is required.	document, an additional explanation is not required. After further consideration, AEMO have updated the term 'NMI' under the Explanation column, to be italicised for consistency with part (a) of the Glossary of the NMI Standing Data Schedule, which prescribes defined terms of the NER should be in this style.	
	NMI	The NMI of the connection point.	TDHenergy, No comments		
	NMI Checksum	The NMI checksum for the <i>connection</i> point.	TRUenergy: No comments.		
	NMI Classification Code	The NMI classification code (as set out in the MSATS Procedures) of the connection point.			
	NMI Status Code	The NMI status code (as set out in the MSATS Procedures) of the connection point.			
	Distribution Loss Factor Code	The relevant distribution loss factor applicable to the connection point.			

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

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				AUSTRALIAN ENERGY MARKET OPERATOR
Item	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 Status	The register identifier status indicates if the meter register is active.		Status of the meter at the connection point (as set out in the MSATS
	Street Address	The street address of the relevant connection point to which that NMI is referable (as set out in the MSATS Procedures).		Procedures). The metering installation code identifies 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</i> point.
	Transmission Node Identifier Code	The code (known as a TNI) identifying the relevant transmission node that identifies the <i>transmission loss factor</i> and/or transmission use of system 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</i> point.
				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 connection point to which that NMI 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 the relevant transmission node that identifies the <i>transmission loss factor</i> and/or transmission use of system charge for the <i>connection point</i> .
				The unit of measurement for data being

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

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

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

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Attachment A

Refer to NMI Standing Data Schedule V1.0.

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