



# APPLICATION GUIDE

## Guide to Transferring Registration as a Generator in the NEM

This guide is to be used in conjunction with the Transferor and Transferee application forms detailed inside and is not to be altered without the prior written consent of AEMO.

## Disclaimer

This Application Guide (**Guide**) is made available to you on the following basis:

Purpose	This Guide has been produced by the Australian Energy Market Operator Limited (AEMO) for the purposes of clause 2.1.3 of the National Electricity Rules (NER or Rules) to provide information about the process for becoming registered as a Participant in the National Electricity Market (NEM) as at the date of this publication.
Disclaimer	<p>The information in this Guide is provided for explanatory purposes and may be subsequently updated or amended.</p> <p>This Guide does not constitute legal, investment, business, engineering or technical advice. It should not be relied on as a substitute for obtaining detailed advice about the National Electricity Law (NEL), the NER, any other applicable laws, procedures or policies, or any other aspect of the NEM or the electricity industry.</p> <p>AEMO has made reasonable efforts to ensure the quality of information in this Guide but cannot guarantee its accuracy or completeness. Accordingly to the maximum extent permitted by law AEMO and its officers, employees and consultants involved in the preparation of this Guide make no representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of the information in this Guide.</p> <p>To the maximum extent permitted by law, AEMO and its officers, employees and consultants involved in the preparation of this Guide are not liable (whether by reason of negligence or otherwise) for any statements, opinions, information or other matters contained in or derived from this Guide, or any omissions from this Guide, or for any use or reliance on the information in this Guide.</p>

## Rules terms

Terms defined in the Rules are italicised, and have the same meaning, when used in this Guide. Any failure to italicise such a term in this Guide does not change its meaning under the Rules, unless this Guide specifies otherwise.

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# 1. Introduction

This Guide is used to help those transferring registration as a *Generator* from one person to another in accordance with rule 2.9A of the *Rules*.

## 1.1 Purpose of this guide

This Guide steps through each section of the two application forms associated with transferring *Generator* registration to ensure applicants understand the information required and how to complete each form. The forms are:

- Application for Transfer of Generator Registration in the NEM by transferee
- Application for Transfer of Generator Registration in the NEM by Transferor

## 1.2 Requirement to register

Section 11 of the *National Electricity Law* states that:

- (1) "A person must not engage in the activity of owning, controlling or operating, in this jurisdiction, a generating system connected to the interconnected national electricity system unless;
  - (a) the person is a *Registered Participant* in relation to that activity; or
  - (b) the person is the subject of a derogation that exempts the person, or is otherwise exempted by AEMO, from the requirement to be a *Registered Participant* in relation to that activity under this Law and the *Rules*."

A body corporate that fails to register may be liable for a maximum penalty of \$100,000 and \$10,000 for every day during which the breach continues and a natural person may be liable for a maximum penalty of \$20,000 and \$2,000 for every day during which the breach continues (Section 2AA of the NEL).

## 1.3 Transfer of registration

The following definitions provided under rule 2.9A of the *Rules*, apply to this Guide and the relevant application forms (both Transferor and Transferee forms must be submitted):

- **Transferor** means a *Registered Participant* wishing to transfer its registration to another person in accordance with rule 2.9A of the *Rules*.
- **Transferee** means the person to whom a *Registered Participant* wishes to transfer its registration in accordance with rule 2.9A of the *Rules*.

AEMO must determine to transfer the registration if it is reasonably satisfied that:

1. the Transferor is not in breach of any of its obligations under the *Rules*;
2. with the exception of any requirements that apply to the classification of facility to which the application relates, the Transferee meets the eligibility requirement specified in the *Rules* for the category of *Registered Participant* to which the application relates;
3. the classification of the facility to which the application relates has previously been approved by AEMO in accordance with the *Rules*;
4. the performance standards applicable to the facility to which the application relates have previously been registered by AEMO in accordance with the *Rules*;

5. if the application relates to the transfer of registration in one of the categories of *Market Participant*, the Transferee is and will be able to fulfil the applicable financial obligations under Chapter 3 of the *Rules*; and
6. the Transferee has demonstrated an ability to comply with the *Rules*.

If AEMO approves the application to transfer, then AEMO may impose such terms and conditions as AEMO considers appropriate or vary the terms and conditions of the registration on its transfer.

If AEMO determines that any of the above six points have not been satisfied, then AEMO must reject the application.

## 1.4 Previous registration information

The transfer of registration process relies on registration information provided when a facility was previously registered. For this reason, Transferees should be familiar with the information that has been previously provided to AEMO by a Transferor. AEMO will not be providing the Transferee with any information about an existing registration.

The Transferee needs to obtain all necessary information about the facilities to which the transfer application relates and the basis on which the Transferor was registered, including any conditions relating to that registration, from the Transferor. Transferees should also refer to the information requirements in the application forms and guides for a *Generator*.

The Transferor and Transferee are to read the '[Guide to market systems – NEM change of ownership](#)'. In particular, the Transferee must understand why:

- from midnight they will see the DUID they own, but they can only submit bids that take effect after 4:00am
- they own a unit from midnight on the day their registration becomes effective, but they cannot:
  - see offers from the previous owners (they cannot see offers from anyone until the next day, even if they are from the unit they now own)
  - have an effective bid until 4:00 am (trading day start)
  - see the unit in the Markets Portal until midnight.

The Transferee can:

- place a bid in the Markets Portal as soon as their registration is effective once they can see the unit ID in the interface, but it must be for after 4:00am.

Agreements and processes must be in place between the Transferee and Transferor allowing the communication of data reports and bids.

## 1.5 Fees

### 1.5.1 Registration Fee

All applicants for registration must pay a Registration fee in accordance with AEMO's currently published [fee schedule](#).

After the initial receipt of the application forms, AEMO will send a tax invoice to the Transferee for payment.

The registration fee can be paid by cheque (payable to AEMO Limited) or by direct deposit. You should provide a remittance advice from your bank if you have paid by direct deposit.

## 1.5.2 Participant Fees

Clause 2.11.1(b)(2) of the *Rules* provides that *Participant fees* should recover the budgeted revenue requirements for AEMO. Clause 2.11.1(b)(3) provides that the components of *Participant fees* charged to each *Registered Participant* should be reflective of the extent to which the budgeted revenue requirements for AEMO involve that *Registered Participant*.

You should refer to the [AEMO website](#) for a summary of the *Participant fees* that are currently applicable.

## 1.6 Application Submission

Please return the completed application forms for registration transfer (by the Transferee and the Transferor) and the Application for Exemption from Registration as a Generator (if applicable), together with all required attachments by email to AEMO at [onboarding@aemo.com.au](mailto:onboarding@aemo.com.au).

Ensure any attachment clearly identifies the section it belongs to and is numbered sequentially (for example: "Section D – Attachment 003").

For assistance, contact AEMO:

Phone: 1300 236 600 (International callers dial +61 3 9609 8000)

Email: [onboarding@aemo.com.au](mailto:onboarding@aemo.com.au)

## 1.7 Registration Procedure

Chapter 2 of the *Rules* deals with registration. Each prospective applicant must apply to AEMO for registration by using the relevant application form.

The registration process consists of the following steps:

**Step 1.** You submit the application forms along with all attachments required by the forms to the email address shown in Section 1.6 above.

On receipt of the two applications (Registration Transfer by Transferee and Registration Transfer by Transferor), AEMO will send an invoice for payment by EFT to the Transferee. For information regarding participant registration fees, see [Fees and Charges](#) on the AEMO website.

**Please note:** Regardless of outcome, application processing activities and timeframes are the same and carry the same overheads, so fees and charges are non-refundable.

**Step 2.** AEMO will review the applications and respond to the Transferee and Transferor individually within 5 *business days* of receipt of the applications (Clause 2.9A.2(c) of the *Rules*).

**Step 3.** AEMO may request additional information or clarification of the information contained in the application. If such a request is made, you must supply the additional information or clarification within 15 *business days* of AEMO's request (Clause 2.9A.2(d) of the *Rules*).

**Step 4.** Within 15 *business days* of receiving the application, or within 15 *business days* of receiving the requested additional information or clarification, AEMO will notify you of AEMO's determination and, if AEMO rejects your application, the reasons for rejecting it (Clause 2.9A.3(c) of the *Rules*).

AEMO's notification will include:

- any conditions of registration, if applicable, that AEMO considers reasonably necessary. See Appendices 2 and 6 of the [NEM Generator Registration Guide](#) for information on conditions that may be imposed; and
- an effective date of registration. This date will be determined taking into account AEMO's software change management process and, in the case of scheduled generating units and semi-scheduled generating units, the expected commissioning date of critical telemetry required for the issuing of dispatch instructions and the auditing of responses.

## 2. Application by the Transferor for Transfer of Registration

The Transferor must formally apply to transfer registration to the Transferee using the '[Application for Transfer of Generator Registration in the NEM](#)' form.

The Form is divided into the following sections:

- Section A. Participant Category
- Section B. Application Details
- Section C. Transferor Contact Details
- Section D. Required Information
- Section E. Facility Information
- Section F. Ancillary Services
- Section G. Metering

### 2.1 Section A. Participant Category

This section highlights the category being applied for and provides important information relating to the transfer of registration.

### 2.2 Section B. Application Details

The Transferor must provide the following information:

- Transferor's company details
- Transferor's association with the facility
- Transferee's company details

The Form must be signed by an authorised representative as a declaration. The Transferor must also declare that it is not in breach of any of its obligations under rules that relate to the *generating units* being transferred, or any other facility. If any current breach exists, then pursuant to clause 2.9A.3(c) AEMO must reject the application to transfer registration.

### 2.3 Section C. Transferor Contact Details

The Transferor must provide a registration contact, office details and personnel contact information.

The mandatory contacts shown in the Form must be provided before we can progress the application for consideration. Please check the appropriate checkboxes to confirm the minimum details required for each contact have been provided to AEMO. The minimum details are: role, name, position, phone number, mobile phone number and email address.

If contact details change during the process, or following registration, please contact the [Registration team](#).

Additional contact information may also be requested to avoid delays in communication between AEMO and the listed contacts. If you require AEMO to liaise with persons that are not working directly for the Transferor, you must submit a [letter of authority](#).

### 2.4 Section D. Required Information

A Settlement Revisions Liability Deed (SRLD) may be required and signed by both the Transferor and Transferee. This deed is used when one entity wishes to take liability for the settlement revisions of another. For example in the event of an acquisition, and/or when the Transferor is to deregister from the NEM as a result of the transfer.



If you need to complete a SRLD, submit your application with a completed copy of the SRLD available from the AEMO website, or coordinate submission with the Transferor.

## 2.5 Section E. Facility Information

The Transferor must provide information about the facility's generating unit classification, which has already been approved by AEMO.

## 2.6 Section F. Ancillary Services

The Transferor must provide information about the facility's generating unit classification as ancillary services generating units, which has already been approved by AEMO.

## 2.7 Section G. Metering

The Transferor must advise if there have been any changes to the *metering installation* since they registered the facility in the NEM. If there have been no changes to the *metering installation*, then the Transferor only needs to provide the Connection Point NMI, current *metering installation* test results that show compliance with S7.2.3 and S7.3 of the *Rules* and if any special conditions exist as part of previous Registrations.

If there have been any changes to the *metering installation* since the Transferor registered the facility in the *NEM* (or the Transferor is unsure) then a Connection Point Registration Checklist must be completed to satisfy the minimum requirements for the registration of the Metering Connection Points as required under Chapter 7 of the *Rules*.

See Section 3.2.11 of the NEM Generator Registration Guide for further information on completing this checklist.

## 3. Application by the Transferee for Transfer of Registration

The Transferee application form (Application for Registration Transfer by Transferee – NEM – Generator) is divided into the following sections:

- Section A. Participant Category
- Section B. Application Details
- Section C. Transferee Contact Details
- Section D. Required Information
- Section E. Local Black System Procedures
- Section F. Facility Information
- Section G. Ancillary Services
- Section H. Metering
- Section I. IT Systems

### 3.1 Section A. Participant Category

This section highlights the category being applied for.

### 3.2 Section B. Application Details

The Transferee must provide the following information:

- Transferee's company details
- Transferee's association with the facility
- Consent to act as an intermediary
- Evidence of nomination
- Transferor's company details

To complete the sections, you need to check the appropriate checkboxes and fill in the fields provided.

You must formally apply for registration and authorise AEMO to contact other parties, if necessary, to verify the information you provided with your application.

This section of the Form must be signed and dated by an authorised representative of your organisation as a declaration. Usually the authorised representative is a Chief Executive Officer / Head of Organisation, Company Secretary or holds a management position.

The Transferee must read the '[Guide to market systems – NEM change of ownership](#)' and understand NEM system cycle for the change of ownership of a facility, as well as having processes and agreements in place with the Transferor to allow communication of data reports and bids when applicable.

The Transferee must also declare that it is not in breach of any of its obligations under the *Rules*. If any current breach exists, then pursuant to clause 2.9A.3(c) AEMO must reject the application to transfer registration.

Please note that electronic signatures are not permitted.

### 3.3 Section C. Transferee Contact Details

The Transferee must provide a registration contact, office details, operational contact information and personnel contacts. It is important that AEMO can communicate with the correct person within your organisation, especially during operational emergencies. Please note only Australian phone numbers are acceptable and all personnel must be based in Australia.

The mandatory contacts shown in the Form must be provided before we can progress the application for consideration. For descriptions of each contact category please refer to the NEM Generator Registration

Guide. Please check the appropriate checkboxes to confirm the minimum details required for each contact have been provided to AEMO. The minimum details are: role, name, position, phone number, mobile phone number and email address.

If contact details change during the process, please contact the [Registration team](#). After registration, Registered Participants must maintain up-to-date contact details of all nominated operational personnel with AEMO on a regular basis. To update your operational contacts after registration, please contact AEMO's Support Hub at [Support.Hub@aemo.com.au](mailto:Support.Hub@aemo.com.au) or call 1300 236 600.

Additional contact information may also be requested to avoid delays in communication between AEMO and the listed contacts.

If you require AEMO to liaise with persons that are not working directly for the applicant, you must submit a [letter of authority](#).

## 3.4 Section D. Required Information

### 3.4.1 Section D.1 Partnership status

If you are applying for registration on behalf of a partnership, check the 'Yes' checkbox and provide evidence of the legitimacy of the partnership, such as a partnership agreement. Once attached, check the checkbox under the "If Yes" option.

### 3.4.2 Section D.2 Trust status

Where the Applicant is acting in a trustee capacity, the Applicant must provide a copy of the Trust Deed establishing the Applicant Trust. It must also execute and return a Trustee Deed in the form specified by AEMO. No changes are to be made to the form of Deed other than the completion of details where highlighted.

AEMO must be satisfied that an applicant for registration will be able to meet its obligations under the Rules. (The same applies to exemption applicants who appoint an intermediary, because they remain liable for the intermediary's acts and omissions.)

Trustees, however, are generally not personally liable for obligations they incur on behalf of the trust. The purpose of the Trustee Deed, therefore, is to assure AEMO that the trustee's right of recourse to the property and assets of the trust remains in place for the purpose of meeting its Rules obligations, on an ongoing basis.

### 3.4.3 Section D.3 Organisational capability

You must have established resources, processes and procedures to ensure compliance with the *Rules*.

To confirm this, you need to enclose the documents stated in this section then check the appropriate checkboxes to confirm each document is attached.

### 3.4.4 Section D.4. Regulatory compliance

You must provide evidence of any licenses, authorisation or exemptions that allow you to act as a *Generator* and you must detail any current or previous non-compliances.

**Note:** Section 2.9A.3 (a)(1) and (6) of the *Rules* indicates both Transferee and Transferor must demonstrate an ability to comply with the Rules. Section 2.9A.3(6) states if AEMO determines that the application does not satisfy any of the requirements in 2.9.3(a) then AEMO must reject the application. Therefore, we need to ask the question whether there are non-compliances, and if they state 'yes' and want to proceed with the application then AEMO must reject.

Please check the appropriate checkboxes to confirm the documents are attached.

### 3.4.5 Section D.5. Financial viability

You must provide copies of any recently audited financial statements.

To meet the prudential requirements in clause 3.3 of the *Rules*, you must also include an explanation of any

financial links with parent or other organisations.

If you are required to comply with the prudential requirements in the *Rules* and cannot establish that you satisfy the *acceptable credit criteria*, you must provide *credit support*. If this is the case, contact AEMO's [Registration team](#).

Check the appropriate checkboxes to confirm the documents are attached.

### 3.4.6 Section D.6. Credit Support

If you do not meet the acceptable credit criteria as detailed in clause 3.3.3 of the *Rules*, you will need to provide a financial institution guarantee using the [AEMO Guarantee Pro-Forma](#).

It is recommended that guarantees are checked by AEMO prior to execution by emailing a draft copy to [prudentials@aemo.com.au](mailto:prudentials@aemo.com.au). The guarantee is required at the time of registration.

### 3.4.7 Section D.7 Recipient Created Tax Invoice

You must submit your application along with a completed Recipient Created Tax Invoice (RCTI) for AEMO to issue an RCTI. A copy is available on the [AEMO website](#).

### 3.4.8 Section D.8 Settlement Revisions Liability Deed

A Settlement Revisions Liability Deed (SRLD) may be required and signed by both the Transferor and Transferee. This deed is used when one entity wishes to take liability for the settlement revisions of another. For example in the event of an acquisition, and/or when the Transferor is to deregister from the NEM as a result of the transfer.

If you need to complete a SRLD, submit your application with a completed copy of the SRLD available from the AEMO website, or coordinate submission with the Transferor.

### 3.4.9 Section D.9 Austraclear

AEMO uses an external electronic funds transfer system provided by Austraclear and an Austraclear membership number will need to be included on the application form.

If you do not have an Austraclear membership number at the time of submitting the application, AEMO will record that as an outstanding item.

Austraclear membership is organised through the Australian Stock Exchange (ASX). See the [ASX website](#) for details. Once you have membership, enter your Austraclear membership number in the form field provided.

**Please note** that approval can take up to five weeks to obtain and all charges are payable direct to Austraclear.

**Note:** If the Applicant wants to use a third party's Austraclear account, AEMO will require a [letter of authority](#) from the owner of that account granting access and a letter from the Applicant accepting that grant.

## 3.5 Section E. Local Black System Procedures

Clause 4.8.12 of the *Rules* requires Generators to develop local black system procedures for each of their power stations and submit them to AEMO for approval. Guidelines for preparing local black system procedures are available on the AEMO website.

This information is required to allow AEMO to understand the likely condition of *generating systems* following a *black system* event and any constraints or conditions of operation that would apply during the restoration process. AEMO needs to confirm there are no inconsistencies between your *local black system procedures* and AEMO's own *system restart plan*.

Accordingly, you must provide AEMO with any relevant technical information that may affect the system restart capability of your *network elements* to enable AEMO to manage a system restart condition.

In Section E. Local Black System Procedures you must declare you have submitted those procedures.

 Please clearly mark all attachments as 'Attachment to Section E' and number each page consecutively.

## 3.6 Section F. Facility Information

### 3.6.1 Section F.1. Generating unit details

You need to provide sufficient information to clearly identify the generating units being transferred to you, such as descriptions or diagrams,

- dispatchable unit ID (DUID) for any market generating units, scheduled generating units, or semi-scheduled generating units,
- generating unit nameplate ratings and maximum capacities,
- when the facility was commissioned, or expected to be commissioned,
- whether the generating units have been previously approved by AEMO to be aggregated under Rule clause 3.8.3(a) or registered as one semi-scheduled generating unit under Rule clause 2.2.7(i), and
- acknowledgment the expected closure year must be provided to AEMO.

### 3.6.2 Section F.2. Performance standards

If the technical requirements of clause S5.2.1(b) of the *Rules* do not apply, you must demonstrate that you are exempt by supplying the following:

- Evidence to support that you are eligible for exemption from registration (refer to Appendix 5 of the Generator Registration Guide)
- A letter from the connecting Network Service Provider confirming the generating unit is unlikely to cause a material degradation of quality of supply to other Network Users
- If the technical requirements of Schedule 5.2 of the Rules do apply, you must submit the performance standards for each generating unit or generating system (as applicable) that have previously been registered by AEMO identifying you as the registered Generator
- If a performance standards compliance program has been established, you must also provide the compliance program. The performance standards for each generating unit or generating system (as applicable) should not have been varied in any other manner. If a variation is required, you will need to submit a new application to be registered as a Generator in respect of the relevant units
- Connection Point NMs along with metering installation test results that show compliance with S7.2.3 and S7.3 of the Rules. The responsible person must also be nominated together with service providers for meter provision and meter data provision
- Ancillary services generating unit information, including capabilities and confirmation of any providers of communications or telemetry to AEMO (such as a Network Service Provider). AEMO may clarify any of the above information and require evidence to support changes if the information does not correspond to AEMO's records

### 3.6.3 Section F.3. Operational and System Readiness

The operation of the *power system* requires participants to have robust communication mechanisms and 24-hour operational capabilities in place prior to registration and commissioning. Among many other things, operational obligations outlined within the NER require *Generators* to:

- nominate personnel who will receive and act on operational communications;
- maintain up-to-date contact details of nominated operational personnel with AEMO;
- provide two independent telephone system numbers for each nominated operational personnel and control centre (mobile phone numbers only are not acceptable);
- maintain both independent telephone systems in good repair and investigate communication faults

within 4 hours;

- establish and maintain a form of electronic mail facility as approved by AEMO;
- notify AEMO of settings or model updates, and circumstances affecting plant operation that could affect AEMO's management of power system security;
- ensure that appropriate personnel are available at all times to receive and immediately act upon instructions from AEMO (24/7 operational coverage)<sup>1</sup>; and
- for *Semi-Scheduled Generators*, ensure that every *semi-scheduled generating unit* is at all times able to comply with its latest *dispatch offer*<sup>2</sup>.

Prior to registration, *Generators*<sup>3</sup>, must provide AEMO evidence of their operational and system readiness, and demonstrate they are able to:

- participate in bidding and *central dispatch* processes; and
- ensure appropriate personnel are always available to receive and immediately act upon *dispatch instructions* and operational communications on a 24/7 basis.<sup>4</sup>

To demonstrate your operational readiness, you must attach to your application form:

- a diagram which shows the roles of the individuals responsible for daily bidding and physical control of your *generating system*, including details of their expertise;
- a description of how 24/7 operational coverage<sup>5</sup> will be maintained, to ensure appropriate personnel are available at all times to receive and immediately act upon instructions issued by AEMO. This should include, but is not limited to:
  - details on how you intend to receive and immediately act upon dispatch instructions and other operational instructions for physical plant operation on a 24/7 basis;<sup>6</sup>
  - details on who will and how you intend to submit bids, including rebids, and comply with the latest generation offer; and
  - details of the systems in place for 24-hour access to AEMO systems, in particular AEMO's MMS portal;
  - details of the two independent voice communications systems established for the generating system, to give or receive operational communications. Applicants must provide for each nominated operational person and control centre two independent telephone communication system numbers (mobile phone numbers are not acceptable) <sup>7</sup>; and
  - details of the data communication systems established for the generating system to connect to AEMO systems.

To demonstrate your system readiness, you will be asked to submit evidence you can use AEMO's pre-production systems once you have been configured to do so. You will be required to submit screenshots of:

- a. The first energy offer that you are likely to submit post commissioning, and acknowledgment of successful submission [for *scheduled* and *semi-scheduled generating units*].
- b. An MT PASA availability profile and acknowledgment of successful submission [for *scheduled generating units*].
- c. An intermittent generator availability profile (upper MW limit and turbine/inverters unavailable) and acknowledgment of successful submission, for both energy availability (HH) and MTPASA availability (daily) [for *semi-scheduled generating units* and other *intermittent generating units* required to submit an *energy conversion mode*]
- d. Receipt of dispatch target (MW) [for *scheduled generating units*].
- e. Receipt of semi-dispatch cap (MW and flag) [for *semi-scheduled generating units*].

<sup>1</sup> Example 1: operational personnel are available to adjust voltage set-points on a power station – either locally or remotely – regardless of the day of the week, or the time of the day,

Example 2: appropriate systems are in-place to receive and follow dispatch instructions via bidding systems and backup by AEMO's MMS portal,

<sup>2</sup> Note that any change in the commercial availability of *semi-scheduled generating units* must be communicated to AEMO by rebidding.

<sup>3</sup> Please note that *Non-Scheduled Generators* may also be required to provide information relating to *dispatch*. AEMO will advise if you are required to provide associated supporting information.

<sup>4</sup> For both market dispatch and physical operations of plant

<sup>5</sup> Please note 24/7 bidding operations is not considered the same as 24/7 physical generation operations (who can physical adjust plant).

<sup>6</sup> For example: details on how operational personnel are available to adjust voltage set-points on a power station – either locally or remotely – regardless of the day of the week, or the time of the day,

### 3.6.4 Section F.4. Energy Dispatch Instructions

AEMO's primary interface for dispatch instructions is either AEMO's *automatic generation control system* (AGC) (for energy and regulation services only) or the Electricity Market Management System (MMS) Data Interchange.

*Market Participants* may choose to receive 5-minute *dispatch instructions* via SCADA but must be aware that AEMO considers this a secondary system and cannot monitor successful transmission of SCADA signals.

AEMO seeks to provide *Market Participants* with *dispatch* (energy and FCAS) targets and *semi-dispatch* caps in a reliable and robust way. The MMS Data Interchange system has been designed for this purpose.

Although AEMO's SCADA can be used to provide dispatch targets, AEMO cannot ensure that the target is sent to and received by a *Market Participant*. Any interruptions to the SCADA signal could be in AEMO's systems or NSP systems and may not be visible to AEMO. As such, a participant could be using an old or incorrect target and might be declared non-conforming as a result.

The AGC, which uses the SCADA communication paths, does not have this issue as the AGC recalculates the setpoints and sends the signals every 4 seconds.

 Please clearly mark all attachments as '*Attachment to Section F*' and number each page consecutively.

<sup>7</sup> Registered Participants are required to maintain both telephone communication systems in good repair and investigate communication faults within 4 hours.

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## 3.7 Section G. Ancillary Services

The Transferee must provide details of the market generating units classified as ancillary service generating units which have been approved by AEMO.

In Section G.1 you must identify the DUIDs that contain the market generating units, which have been classified as ancillary services generating units, which of the eight Frequency Control Ancillary Services the generating unit provide and the applicable parameters for each service.

In Section G.2 you must describe the *facilities* you have installed to receive *dispatch instructions* for the *enablement* of each ancillary service, as well as the control and monitoring facilities installed for each ancillary service in accordance with the market ancillary service specification.

In Section G.3 you must select if you want to receive FCAS instructions via SCADA and acknowledge that AEMO considers this a secondary system and does not monitor SCADA signals for successful transmission.

## 3.8 Section H. Metering

Complete this section by checking the appropriate checkboxes and completing the checklist as required. If the metering equipment was tested over time, identify the date each piece of equipment was tested.

## 3.9 Section I. IT Systems

When appropriate, Applicants need to provide AEMO with IT system information.

### 3.9.1 MarketNet connection

All participants requiring access to AEMO's IT market systems must have access to AEMO's private network

called MarketNet. As part of processing an application, AEMO's network specialist will liaise with your IT Technical Network Contact (or third party as organised by you) to setup a primary and secondary connection according to your request.

In this section, you need to select 'Yes' if you require a new MarketNet connection and provide the information requested or select 'No' if you have access to an existing connection or do not require one.

For details regarding MarketNet options and entitlements, see the [Guide to Information Systems](#) on the AEMO website.

### 3.9.2 IT Notifications email address

It is important to receive AEMO notifications regarding IT changes or outages that may impact your business, including gas FRC Hub notifications (if applicable).

Please have your IT staff set up and maintain a group email address with an appropriate distribution list for this to occur (individual email addresses are not accepted).

Once established, enter your organisation's email address in the space provided.