



# APPLICATION GUIDE

## Guide to Transferring Registration as a Generator or Integrated Resource Provider 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

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# 1. Introduction

This application guide (Guide) is used to help those transferring registration as a *Generator* or *Integrated Resource Provider* 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 registration as a *Generator* or *Integrated Resource Provider* to ensure applicants understand the information required and how to complete each form. The forms are:

- [Application for Transfer of Generator or Integrated Resource Provider Registration in the NEM by transferee](#)
- [Application for Transfer of Generator or Integrated Resource Provider in the NEM by Transferor](#)

## 1.2 Requirement to register

NER 2.1A.1 of the *Rules* sets out the obligation to register as an *Integrated Resource Provider* or a *Generator*

## 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* or *Integrated Resource Provider*.

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 EFT. You should provide a remittance advice from your bank once payment has been lodged.

Please note that assessment of an Application will not be completed without confirmed payment of the registration fee.

### 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 [AEMO budget and fees](#) that are currently applicable to *Generators* and *Integrated Resource Providers*.

## 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 or Integrated Resource Provider](#) (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)

## 2. Registration Procedure

Chapter 2 of the NER 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 address shown in Section 1.6 above.
- Step 2 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 [AEMO budget and fees](#) on the AEMO website.
- Step 3 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 4 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 NER).
- Step 5 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, and
- an effective date of registration. This date will be determined considering AEMO's software change management process.

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

## 3. 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 or Integrated Resource Provider Registration in the NEM by Transferor](#)' 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

### 3.1 Section A. Participant Category

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

### 3.2 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

### 3.3 Section B.4. Declaration

This section of the form must be signed by an authorised representative of the Applicant as a declaration that the application and supporting documents are true and correct. Usually, the authorised representative is a Chief Executive Officer / Head of Organisation, Company Secretary or holds a management position.

The Transferor must also declare that it is not in breach of any of its obligations under rules that relate to the *production 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.

You must also authorise AEMO to contact other parties to verify the information you have provided.

AEMO will not proceed without the declaration as it allows us to speak to all necessary parties required to make a considered decision about your application.

Please read this declaration carefully and ensure you are aware of its meaning.

Note: If a digital signature is used then the signatory must be copied into the email submission of the application to AEMO.

### 3.4 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 please contact the [Registration team via onboarding@aemo.com.au](mailto:Registration.team@onboarding@aemo.com.au).

### 3.5 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.

### 3.6 Section E. Facility Information

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

### 3.7 Section F. Ancillary Services

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

### 3.8 Section G. Metering

The Transferor must advise if there have been any changes to the *metering installation* (revenue and/or check where applicable) since they registered the facility in the NEM. If there have been no changes to the *metering installation* (revenue and/or check where applicable), then the Transferor only needs to provide the Connection Point NMIs, current *metering installation* test results (i.e. meters, current transformers, and voltage transformers where applicable) detailing the accuracy results and testing uncertainties, and current *metering installation* inspection results that show compliance with the accuracy requirements of S7.4.3 and inspection and testing requirements of S7.6 of the NER, and specify if any special conditions exist as part of previous Registrations.

If the current test results are the manufacturer's results, and are still within the maximum period between tests as specified in S7.6 of the NER of the *metering installation's* commissioning date, they must be in the form of an endorsed test report, which is covered by a NATA ISO/IEC 17025 accreditation or another accreditation body which is a signatory of the International Laboratory Cooperation Mutual Recognition Arrangement (ILAC MRA). In the absence of such a test report, which is current, the *metering installation* test results must be a test report demonstrating NATA traceability using calibrated test equipment, that is issued by an accredited metering provider (MP), which holds the relevant category of registration under their accreditation as specified in S7.2 of the NER.

If the Transferor is unsure whether the *metering installation* test results held on record comply, consult with the nominated MC and MP for the *metering installation* to review the test reports for validity and to organise a retest if they are not valid.

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 NER.

See Section 3 of the [Application Guide for Registration as a Generator or Integrated Resource Provider in the NEM](#) for further information on completing this checklist.



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

The Transferee application form '[Application for Transfer of Generator or Integrated Resource Provider Registration in the NEM by Transferee](#)' 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. Facility Information
- Section F. Ancillary Services
- Section G. Local Black System Procedures
- Section H. Metering
- Section I. IT Systems

### 4.1 Section A. Participant Category

This section highlights the category being applied for.

### 4.2 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.

#### 4.2.1. Section B6. Declaration

This section of the form must be signed by an authorised representative of the Applicant as a declaration that the application and supporting documents are true and correct. Usually, the authorised representative is a Chief Executive Officer / Head of Organisation, Company Secretary or holds a management position.

You must also authorise AEMO to contact other parties to verify the information you have provided.

AEMO will not proceed without the declaration as it allows us to speak to all necessary parties required to make a considered decision about your application.

Please read this declaration carefully and ensure you are aware of its meaning.

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.

Note: If a digital signature is used then the signatory must be copied into the email submission of the application to AEMO.

## 4.3 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 Section 3 of the [Application Guide for Registration as a Generator or Integrated Resource Provider in the NEM](#). 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.

To ensure all information is up to date AEMO requests this information even if you are currently registered.

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.

## 4.4 Section D. Required Information

Additional material must be attached in relation to the following unless the participant is already registered in which case confirmation that no change has occurred since this information was last provided, or updated information, is required:

### 4.4.1 D.1 Partnership status

If you are applying for registration on behalf of a partnership, you must provide evidence of the legitimacy of the partnership, such as a partnership agreement.

### 4.4.2 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 Poll 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 Poll, 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.

### 4.4.3 D.3 Organisational capability

You must show that you are in a position to control the design, construction, maintenance, operation, business and administrative processes applicable to your generating system or integrated resource system activities and that responsible officers within your organisation are in a position to establish, or have already established, resources, processes and procedures to ensure compliance with the Rules applicable to your participation as a Generator or Integrated Resource Provider.

To confirm this, you need to enclose the documents stated in this section then check the appropriate checkboxes to confirm each document is attached or provide reasons why not..

### 4.4.4 D.4. Financial viability

You must be able to meet your financial obligations to AEMO and satisfy the prudential requirements as set out in clause 3.3 of the Rules. You must include:

- copies of your most recent audited financial statements; and
- explanation of any financial links with parent or other organisations.

You might be required to provide credit support to cover the value of commissioning supplies and auxiliary supplies during plant outages or periods of infrequent generation. Further information regarding the amount of credit support is available from the document "Credit Limit Procedures" which is on the AEMO website.

Credit support instruments must conform strictly to the format for financial guarantees available on the AEMO website.

Credit support providers must meet the criteria of clause 3.3.3 of the Rules. Guarantees from parent or affiliated companies are unlikely to satisfy the criteria.

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

#### 4.4.5 D.5. Regulatory compliance

You must show that you comply with requirements currently imposed by the Jurisdictional Regulator who has jurisdiction over your activities. You must confirm that you have either met your jurisdictional requirements, you are exempt from jurisdictional requirements, or that no jurisdictional requirements apply in your case. You should enclose the following:

- a copy of your current electricity licence or approval applicable in one or more NEM jurisdiction(s), or copies of relevant exemptions or derogations; and
- details of any non-compliance with jurisdictional regulatory obligations.

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

**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 2.9A.3(a) then AEMO must reject the application. Therefore, we need to ask the question whether there are non-compliances, and if you state 'yes' and want to proceed with the application then AEMO must reject.

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

#### 4.4.6 D.6 Market Participant Criteria

Check the appropriate checkboxes

#### 4.4.7 D.7 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](#).

AEMO's prudential team will contact you following submission of your application to confirm your credit support requirements.

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.

For further assistance with financial guarantees, see the [Credit Support Management Guide](#) on the AEMO website.

#### 4.4.8 D.8 Recipient Created Tax Invoice

If your company (having the same ABN as this application) has signed a current version of the Recipient Created Tax Invoice Agreement (RCTI), you do not need to complete a new one. To see if your previously signed agreement is still current, check the **Last Updated** date in the latest Agreement's "notes for completion". If you have previously submitted an RCTI in the most current format you can identify that fact as a reason for not attaching a signed agreement.

An [RCTI](#) form is available from the AEMO website. To fulfill the requirements for an RCTI, please ensure that all essential fields are filled in and signed, including the accompanying cover letter. AEMO accepts both electronic and physical copies of RCTIs. In the case of physical copies, since the Agreement involves two parties, it is necessary to execute and send back two original copies to AEMO. This ensures that each party possesses a fully executed copy. AEMO will then proceed to sign each original and return one copy to you. Insert the date the authorised signatory signs the agreements underneath his/her signature. The date of the Agreement will be the date on which AEMO executes it.

#### 4.4.9 D.9 Austraclear

Please provide your Austraclear Membership Number. AEMO uses an external electronic funds transfer system provided by Austraclear. You will have to apply directly to Austraclear for membership. Membership approvals can take up to five weeks to process and charges are payable direct to Austraclear. See [Austraclear website](#).

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

If the Austraclear account holder is not the Applicant entity, the Applicant will need to provide with their application a formal letter on behalf of the account holder declaring that the Applicant has permission to use this Austraclear accountSection

#### 4.4.10 D.10 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.

### 4.5 Section E. Facility Information

#### 4.5.1 E.1. System details

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

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

You must identify the group of physical units in each *production unit set* or *load set*. Each group should identify the physical units of the same size. Please note that for solar and battery systems, the number of physical units is defined by the number of inverters.

As an example: a wind farm with 50 turbines that are of three different sizes might be represented as:

Unit identifier:	1-10, 11-20, 21-50
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You must identify the number of physical units in each set and provide information about the nameplate rating and maximum capacity of each of the physical units as well as the aggregate nameplate rating and maximum capacity of the *production unit set or load set*.

As an example, a battery with 20 inverters that represent battery packs of two different sizes might be represented as:

Number of physical units by:			
<i>nameplate rating generation</i> (MW)	[10, 10]	[ ]	[ ]
<i>nameplate rating consumption</i> (MW)	[2.0, 4.0]	[ ]	[ ]
<i>maximum capacity generation</i> (MW)	[2.0, 4.0]	[ ]	[ ]
<i>maximum capacity consumption</i> (MW)	[1.8, 4.0]	[ ]	[ ]

with the first ten units having a nameplate rating of 2.0 MW for generation and consumption, a maximum capacity of 2.0 MW for generation and 1.8 MW for consumption.

#### 4.5.2 E.2. Performance standards

If the technical requirements of Schedule 5.2 of the Rules do apply, you must submit the performance standards for each generating system or integrated resource system (as applicable) that have previously been registered by AEMO identifying you as the registered Generator or Integrated Resource Provider

- 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

AEMO may clarify any of the above information and require evidence to support changes if the information does not correspond to AEMO's records

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
- A letter from the connecting Network Service Provider confirming the generating system or integrated resource system is unlikely to cause a material degradation of quality of supply to other Network Users

#### 4.5.3 E.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* and *Integrated Resource Providers* 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
- 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
- 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 and Integrated Resource Providers*<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* or *integrated resource 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 MMS;
- 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>;
- details of the data communication systems established for the generating system to connect to AEMO systems; and
- a completed and signed Application Capability Declaration.

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:

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<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* and *Integrated Resource Providers* 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

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

- The first energy offer that you are likely to submit post commissioning, and acknowledgment of successful submission (for *scheduled production units* and *semi-scheduled generating units*).
- An MT PASA availability profile and acknowledgment of successful submission (for *scheduled production units*).
- 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 model*)
- Receipt of dispatch target (MW) (for *scheduled production units*).
- Receipt of semi-dispatch cap (MW and flag) (for *semi-scheduled generating units*).

#### 4.5.4 E.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.

The SCADA signals that form part of a dispatch instruction are:

- For all units, the MW dispatch target;
- In addition, for semi-scheduled generating units, the semi-dispatch cap flag; and
- In addition, for units within an aggregate dispatch group, the conformance mode flag.

As part of their request for receiving *dispatch instructions* via SCADA, the *Market Participant* should consider extending this request to all the units in an aggregate dispatch group (except for those units receiving AGC setpoints via SCADA).

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.

Although AEMO's SCADA can be used to provide *dispatch instructions*, AEMO cannot ensure that the *dispatch instructions* 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 *dispatch instructions* 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 E*' and number each page consecutively.

## 4.6 Section F. Ancillary Services

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

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

In Section F.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 F.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.

## 4.7 Section G. Local Black System Procedures

Clause 4.8.12 of the *Rules* requires *Integrated Resource Providers* 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 *integrated resource 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 capabilities or performance of your *production unit(s)* in a system restart scenario.

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

## 4.8 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.

## 4.9 Section I. IT Systems

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

### 4.9.1 I.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.

### 4.9.2 I.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.

### 4.9.3 I.3 e-Hub access

AEMO has a private communication platform called e-Hub which supports the exchange of information between participants and AEMO using APIs. The e-Hub is accessible over MarketNet or the internet.

The e-Hub includes:

- An API Developer portal
- An API Gateway



Not all applicants require e-Hub access. If you require e-Hub access, select 'Yes' then fill in the appropriate fields, or select 'No' if you do not.

To access, an AEMO-signed TLS certificate is required, please see the [TLS Certificate Management](#) guide.