

CHAPTER 2



2. Registered Participants and Registration

2.1 Registered Participants

2.1.1 Purpose

This Chapter sets out and describes the various categories of *Registered Participants* and the registration procedures. It also sets out the fees payable by *Registered Participants*.

2.1.2 General

- (a) [Deleted]
- (b) [Deleted]
- (c) The different categories of *Registered Participants* have different obligations under the *Rules*.
- (d) Rules 2.2 to 2.7 set out the *Registered Participant* categories and requirements which a person must satisfy in order to be registered by *AEMO* in relation to each of those *Registered Participant* categories.
- (e) Each prospective *Registered Participant* must apply to *AEMO* for registration in accordance with rule 2.9.
- (e1) Rule 2.9A sets out the process to be followed in order to transfer a *Registered Participant's* registration to another person.
- (f) Each *Registered Participant* must pay to *AEMO* the prescribed fees determined in accordance with the provisions of rule 2.11.

2.2 Generator

2.2.1 Registration as a Generator

- (a) Subject to clause 2.2.1(c), a person must not engage in the activity of owning, controlling or operating a *generating system* that is *connected* to a *transmission or distribution system* unless that person is registered by *AEMO* in respect of that system as a *Generator* (or, where the generating system is part of a bi-directional facility, as a Bi-directional Resource Provider) in respect of that *generating system*.
- (b) [Deleted]
- (c) *AEMO* may, in accordance with guidelines issued from time to time by *AEMO*, exempt a person or class of persons from the requirement to register as a *Generator*, subject to such conditions as *AEMO* deems appropriate, where (in *AEMO's* opinion) an exemption is not inconsistent with the *national electricity objective*.

Note:

~~A person who is exempt from registration as a *Generator*, may register with AEMO as a *Small Generation Aggregator* under rule 2.3A.~~

- (d) Without limitation, an exemption may be given which only relieves a person or class of persons from the requirement to register as a *Generator* in relation to
- certain specified *generating systems* or classes of *generating systems*.
- (e) To be eligible for registration as a *Generator*, a person must:
- (1) obtain the approval of AEMO to classify each of the *generating units* that form part of the *generating system* that the person owns, operates or controls, or from which it otherwise sources electricity, as:
 - (i) a *scheduled generating unit*;
 - (ii) a *semi-scheduled generating unit*; or
 - (iii) a *non-scheduled generating unit*;
 - (2) classify the *generating units* in accordance with AEMO's approval as referred to in subparagraph (1);
 - (2A) if a *generating unit* is classified as a *scheduled generating unit* or a *semi-scheduled generating unit* in accordance with subparagraph (1):
 - (i) notify AEMO of the year in which the *Generator* expects the *generating unit* to cease supplying electricity to the *transmission network* or *distribution network* at its *connection point* (*expected closure year*); and
 - (ii) immediately notify AEMO of any change to the *expected closure year*; and
 - (3) satisfy AEMO that each *generating system* will be capable of meeting or exceeding its *performance standards*.
- (f) Except in relation to a proposed *generating unit*, a person must also classify each of those *generating units* as either a *market generating unit* or a *non-market generating unit*.
- (f1) A *Generator* may also classify one or more of its *generating units* as an *ancillary service generating unit* where it has obtained the approval of AEMO to do so.
- (g) Nothing in clause 2.2.1(e) or (f) requires the classification of any *generating unit* which forms part of a *generating system* in respect of which an exemption under clause 2.2.1(c) applies.

2.2.2 Scheduled Generator

- (a) A *generating unit* which has a *nameplate rating* of 30 MW or greater or is part of a group of *generating units connected* at a common *connection point* with a combined *nameplate rating* of 30 MW or greater must be classified as a *scheduled generating unit* unless *AEMO* approves its classification as:
 - (1) a *semi-scheduled generating unit* under clause 2.2.7(b); or
 - (2) a *non-scheduled generating unit* in accordance with clause 2.2.3(b).
- (b) A person must not classify a *generating unit* as a *scheduled generating unit* unless it has obtained the approval of *AEMO* to do so. *AEMO* must approve the classification if it is satisfied that the person:
 - (1) has submitted data in accordance with schedule 3.1; and
 - (2) has adequate communications and/or telemetry to support the issuing of *dispatch instructions* and the audit of responses.
- (b1) In relation to an application under clause 2.2.2(b) to classify as a *scheduled generating unit* a *generating unit* with a *nameplate rating* of less than 30 MW, or a *generating unit* that is part of a group of *generating units connected* at a common *connection point* with a combined *nameplate rating* of less than 30 MW, *AEMO* may approve the classification on such terms and conditions as *AEMO* considers appropriate.
- (c) A person must comply with any terms and conditions imposed by *AEMO* as part of an approval under clause 2.2.2(b1).

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (d) **[Deleted]**
- (e) A *Generator* or a *Bi-directional Resource Provider* that has classified a *scheduled generating unit* under rule 2.2A is taken to be a *Scheduled Generator* only in so far as its activities relate to any *scheduled generating unit*.
- (f) A *Scheduled Generator* must operate any *scheduled generating unit* in accordance with the co-ordinated *central dispatch* process operated by *AEMO* under the provisions of Chapter 3.

[AEMO note: Clauses 2.2.2(g) and (h) seem redundant because the above clause seems to cover these requirements already.]

- (g) As described in Chapter 3, a *Scheduled Generator* must notify *AEMO* of the availability of each *scheduled generating unit* in respect of each *trading interval*.

- (h) A *Scheduled Generator* may submit to AEMO a schedule of *dispatch offers* for each *scheduled generating unit* in respect of each *trading interval* for *dispatch* by AEMO.

2.2.3 Non-Scheduled Generator

- (a) A *generating unit* with a *nameplate rating* of less than 30 MW (not being part of a group of *generating units* described in clause 2.2.2(a)) must be classified as a *non-scheduled generating unit* unless AEMO approves its classification as:
 - (1) a *scheduled generating unit* under clause 2.2.2(b); or
 - (2) a *semi-scheduled generating unit* under clause 2.2.7(b).
- (b) A person must not classify a *generating unit* as a *non-scheduled generating unit* unless the person has obtained the approval of AEMO to do so. AEMO must approve the classification if it is satisfied that:
 - (1) the primary purpose for which the relevant *generating unit* operates is local use and the aggregate *sent out generation* at its *connection point* rarely, if ever, exceeds 30 MW; or
 - (2) the physical and technical attributes of the relevant *generating unit* are such that it is not practicable for it to participate in *central dispatch*.
- (c) If, in relation to an application under paragraph (b), in AEMO's opinion it is necessary for any reason (including *power system security*) for the relevant *Generator* to comply with some of the obligations of a *Scheduled Generator* or *Semi-Scheduled Generator* for that *generating unit*, AEMO may approve the classification on such terms and conditions as AEMO considers reasonably necessary.
- (d) A person must comply with any terms and conditions imposed by AEMO under paragraph (c).

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (e) A *Generator* is taken to be a *Non-Scheduled Generator* only in so far as its activities relate to a *non-scheduled generating unit*.
- (f) Subject to clause 3.8.2(e), the *non-scheduled generating units* of a *Generator* do not participate in the co-ordinated *central dispatch* process operated by AEMO.

2.2.4 Market Generator

- (a) A *generating unit* whose *sent out generation* is not purchased in its entirety by the *Local Retailer* or by a *Customer* located at the same *connection point* must be classified as a *market generating unit*.
- (b) A *Generator* is taken to be a *Market Generator* only in so far as its activities relate to any *market generating units*.
- (c) A *Market Generator* must sell all *sent out generation* through the *spot market* and accept payments from *AEMO* for *sent out generation* at the *spot price* applicable at the *connection point* as determined for each *trading interval* in accordance with the provisions of Chapter 3.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (d) A *Market Generator* must purchase all electricity *supplied* through the *national grid* to the *Market Generator* at that *connection point* from the *spot market* and make payments to *AEMO* for such electricity supplied at the *connection point* as determined for each *trading interval* in accordance with the provisions of Chapter 3.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

2.2.5 Non-Market Generator

- (a) A *generating unit* whose *sent out generation* is purchased in its entirety by the *Local Retailer* or by a *Customer* located at the same *connection point* must be classified as a *non-market generating unit*.
- (b) A *Generator* is taken to be a *Non-Market Generator* only in so far as its activities relate to any *non-market generating unit*.
- (c) A *Non-Market Generator* is not entitled to receive payment from *AEMO* for *sent out generation* except for any compensation that may be payable to it as a *Directed Participant* or *Affected Participant*.

2.2.6 Ancillary services generating unit

[AEMO note: To reduce repetition of requirements in Chapter 2, clauses 2.2.6(b), (c) and (d) could be removed and replaced with a requirement for the applicant to submit an application for classification in accordance with clause 2.9.1. Similar changes could be made in clauses 2.3.5. Minor amendments to clause 2.9.1 would be needed to cover applications for classification of assets.]

- (a) If the *Market Generator* or *Market Bi-directional Resource Provider* in respect of a *generating unit* wishes to use that *generating unit* to provide *market ancillary services* in accordance with Chapter 3, then the *Market Generator* must apply to AEMO for approval to classify the *generating unit* as an *ancillary service generating unit*.
- (b) An application under clause 2.2.6(a) must be in the form prescribed by AEMO and specify the *market ancillary services* which the applicant ~~Market Generator~~ wishes to provide using the relevant *generating unit*.
- (c) AEMO must, within 5 *business days* of receiving an application under clause 2.2.6(a), advise the applicant of any further information or clarification which is required in support of its application if, in AEMO's reasonable opinion, the application:
 - (1) is incomplete; or
 - (2) contains information upon which AEMO requires clarification.
- (d) If the further information or clarification required pursuant to clause 2.2.6(c) is not provided to AEMO's satisfaction within 15 *business days* of the request, then AEMO may treat the application as withdrawn and, if so, must inform the applicant accordingly. ~~the *Market Generator* will be deemed to have withdrawn the application.~~
- (e) If AEMO is reasonably satisfied that:
 - (1) the *generating unit* is able to be used to provide the *market ancillary services* referred to in the application in accordance with the *market ancillary service specification*; and
 - (2) the applicant ~~Market Generator~~ has adequate communication and/or telemetry to support the issuing of *dispatch instructions* and the audit of responses,

then AEMO must approve the classification in respect of the particular *market ancillary services*.

- (f) If AEMO approves the classification of a *generating unit* as an *ancillary service generating unit*, then AEMO may impose on the relevant *Market Generator* or *Market Bi-directional Resource Provider* such terms and conditions as AEMO considers necessary to ensure that the provisions of the *Rules* applying to *market ancillary services* can be met.

- (g) A *Market Generator* or *Market Bi-directional Resource Provider*:
(1) must comply with any terms and conditions imposed by *AEMO* under clause 2.2.6(f);

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (2) must ensure that the *market ancillary services* provided using the relevant *ancillary services generating unit* are provided in accordance with the co-ordinated *central dispatch* process operated by *AEMO* under the provisions of Chapter 3 and in accordance with the *market ancillary service specification*;

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (3) may submit to *AEMO* *market ancillary service offers* in respect of the *ancillary service generating unit* in accordance with the provisions of Chapter 3; and
(4) if the *Market Generator* or *Market Bi-directional Resource Provider* submits a *market ancillary service offer* in respect of the relevant *ancillary service generating unit*, must comply with the *dispatch instructions* from *AEMO* in accordance with the *Rules*.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (h) A *Market Generator* or *Market Bi-directional Resource Provider* with an *ancillary service generating unit* must only sell the *market ancillary services* produced using that *ancillary service generating unit* through the *spot market* in accordance with the provisions of Chapter 3.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (i) A *Market Generator* or *Market Bi-directional Resource Provider* is not entitled to receive payment from *AEMO* for *market ancillary services* except where those *market ancillary services* are produced using an *ancillary service generating unit* in accordance with Chapter 3 or pursuant to a *direction* or *clause 4.8.9 instruction*.

2.2.7 Semi-Scheduled Generator

- (a) A *generating unit* which has a *nameplate rating* of 30 MW or greater or is part of a group of *generating units connected* at a common *connection point* with a combined *nameplate rating* of 30 MW or greater, must be classified as a *semi-scheduled generating unit* where the output of the *generating unit* is *intermittent* unless *AEMO* approves its classification as:
 - (1) a *scheduled generating unit* under clause 2.2.2(b); or
 - (2) a *non-scheduled generating unit* under clause 2.2.3(b).
- (b) A person must not classify a *generating unit* as a *semi-scheduled generating unit* unless the person has obtained the approval of *AEMO* to do so.
- (c) *AEMO* must approve a request for classification as a *semi-scheduled generating unit* if it is satisfied that the output of the *generating unit* is *intermittent* and that the person:
 - (1) has submitted data in accordance with schedule 3.1;
 - (2) has submitted an *energy conversion model* which contains the information described in the guidelines referred to in paragraph (d); and
 - (3) has adequate communications and telemetry to support the issuing of *dispatch instructions* and the audit of responses.
- (d) *AEMO* must develop and *publish* guidelines in consultation with *Semi-Scheduled Generators* and such other person that *AEMO*, acting reasonably, considers appropriate setting out the information to be contained in *energy conversion models*. Any amendments to the guidelines are also to be made in consultation with *Semi-Scheduled Generators* and such other person that *AEMO*, acting reasonably, considers appropriate.
- (e) In relation to an application under paragraph (b) to classify a *generating unit* with a *nameplate rating* of less than 30 MW, or a *generating unit* that is part of a group of *generating units connected* at a common *connection point* with a combined *nameplate rating* of less than 30 MW, as a *semi-scheduled generating unit*, *AEMO* may approve the classification on such terms and conditions as *AEMO* considers appropriate.
- (f) A person must comply with any terms and conditions imposed by *AEMO* as part of an approval under paragraph (e).

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (g) A *Generator* or a *Bi-directional Resource Provider* that has classified a *semi-scheduled generating unit* under rule 2.2A is taken to be a

Semi-Scheduled Generator only in so far as its activities relate to a *semi-scheduled generating unit*.

- (h) A *Semi-Scheduled Generator* must operate a *semi-scheduled generating unit* in accordance with the co-ordinated *central dispatch* process operated by *AEMO* under the provisions of Chapter 3.
- (i) ~~[Deleted] At the time that a person makes a request for *AEMO* to classify a *semi-scheduled generating unit* under paragraph (e), that person may request to register two or more *generating units* as one *semi-scheduled generating unit* when the *generating units*:~~
- ~~(1) are connected at a single site with:

 - ~~(i) the same *intra-regional loss factor*; or~~
 - ~~(ii) if two *intra-regional loss factors* are determined for the site under clause 3.6.2(b)(2), the same two *intra-regional loss factors*;~~~~
 - ~~(2) each have a capacity of not more than 6MW; and~~
 - ~~(3) have similar *energy conversion models*,~~
- ~~and *AEMO* must approve the request unless, in *AEMO*'s opinion, registering the relevant *generating units* as one *semi-scheduled generating unit* could adversely impact on *power system security*.~~
- (j) ~~[Deleted] Notwithstanding that one or more of the conditions set out in paragraph (i) may not have been fulfilled by the *Semi-Scheduled Generator*, *AEMO* may approve a request received under paragraph (i) if registration as a single *semi-scheduled generating unit* would not materially distort *central dispatch* or adversely affect *power system security*.~~
- (k) ~~[Deleted] Where *AEMO* approves a request to register two or more *generating units* as one *semi-scheduled generating unit* in accordance with paragraph (i) or (j), the *generating units* will be taken to be one *semi-scheduled generating unit* for the purposes of the *Rules*.~~
- (l) ~~[Deleted] For the avoidance of doubt, a *Semi-Scheduled Generator* which operates two or more *semi-scheduled generating units* that could have been registered as a single *semi-scheduled generating unit* under paragraph (i) but were not so registered, may subsequently aggregate those *generating units* in accordance with clause 3.8.3.~~

2.2A Bi-directional Resource Provider

2.2A.1 Registration as a Bi-directional Resource Provider

- (a) Subject to paragraph (b), a person must not engage in the activity of owning, controlling or operating a *bi-directional facility* that is *connected* to a

transmission system, distribution system or embedded network unless that person is registered by AEMO as a Bi-directional Resource Provider.

- (b) AEMO may, in accordance with guidelines issued from time to time by AEMO, exempt a person or class of persons from the requirement to register as a Bi-directional Resource Provider, subject to such conditions as AEMO deems appropriate, where (in AEMO's opinion) an exemption is not inconsistent with the national electricity objective.
- (c) Without limitation, an exemption may be given which only relieves a person or class of persons from the requirement to register as a Bi-directional Resource Provider in relation to specified bi-directional facilities, classes of bi-directional facilities, or plant forming part of a bi-directional facility.
- (d) To be eligible for registration as a Bi-directional Resource Provider, a person:
- (1) if applicable, must obtain AEMO's approval to classify each bi-directional unit within the bi-directional facility that the person owns, operates or controls as a scheduled bi-directional unit where it meets the criteria in clause 2.2A.2(a) or as a scheduled generating unit and scheduled load where it meets the criteria in clause 2.2A.2(b);
 - (2) if applicable, must obtain AEMO's approval to classify each of the generating units within the bi-directional facility that the person owns, operates or controls as a scheduled generating unit or semi-scheduled generating unit;
 - (3) must classify each bi-directional unit or generating unit in accordance with AEMO's approval as referred to in subparagraphs (1) and (2);
 - (4) must classify the bi-directional facility as a market bi-directional facility;
 - (5) must notify AEMO of the year in which the person expects the bi-directional facility to cease supplying electricity to the transmission network or distribution network at its connection point (expected closure year), and immediately notify AEMO of any change to the expected closure year; and
 - (6) must satisfy AEMO that each bi-directional facility will be capable of meeting or exceeding its performance standards.
- (e) A person who is registered, or applies for registration, as a Bi-directional Resource Provider in respect of a bi-directional facility that includes a load:
- (1) must satisfy AEMO that the load has adequate communications and/or telemetry to identify the consumed electricity at the load; and
 - (2) may request AEMO's approval to classify that load as a scheduled load.

- (f) Nothing in paragraph (d) requires the classification of any *bi-directional unit* or *generating unit* which forms part of a *bi-directional system* in respect of which an exemption under paragraph (b) applies.

2.2A.2 Scheduled Bi-directional Resource Provider

- (a) AEMO must approve a request by a person for classification of a *bi-directional unit* within a *bi-directional facility* as a *scheduled bi-directional unit*, if it is satisfied that:
- (1) the person has submitted data in accordance with the applicable provisions of schedule 3.1;
 - (2) the *bi-directional unit* has adequate communications and/or telemetry to support the issuing of *dispatch instructions* and the audit of responses; and
 - (3) the *bi-directional unit* is capable of transitioning linearly from consuming to producing electricity and vice versa in *central dispatch*.
- (b) If AEMO is satisfied that the criteria in paragraphs (a)(1) and (a)(2) are met in respect of a *bi-directional unit* within a *bi-directional facility*, but is not satisfied that the criterion in paragraph (a)(3) is met, AEMO must approve a request by a person for classification of that *bi-directional unit* as both:
- (1) a *scheduled generating unit*, in respect of the *produced electricity* from that *bi-directional unit*; and
 - (2) a *scheduled load*, in respect of the *consumed electricity* from that *bi-directional unit*.
- (c) AEMO must approve a request by a person for classification of a *generating unit* within a *bi-directional facility* as a *scheduled generating unit* or *semi-scheduled generating unit* if it is satisfied that the person has met the requirements in clause 2.2.2(b) or clause 2.2.7(c) respectively.
- (d) AEMO must approve a request by a person for classification of a *load* within a *bi-directional facility* as a *scheduled load* if it is satisfied that the person has met the requirements in clause 2.3.4(e).
- (e) AEMO may approve the classification on such terms and conditions as AEMO considers appropriate.
- (f) A person must comply with any terms and conditions imposed by AEMO as part of an approval under paragraph (e).

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (f) A *Bi-directional Resource Provider* is taken to be:

- (1) a Scheduled Bi-directional Resource Provider only in so far as its activities relate to a scheduled bi-directional unit or a scheduled load that is part of a bi-directional facility;
- (2) a Scheduled Generator only in respect of a scheduled generating unit that is part of a bi-directional facility; and
- (3) a Semi-Scheduled Generator only in respect of a semi-scheduled generating unit that is part of a bi-directional facility.

(g) A Scheduled Bi-directional Resource Provider must operate its scheduled plant in accordance with the co-ordinated central dispatch process operated by AEMO under the provisions of Chapter 3, as applicable to the relevant plant.

[AEMO note: *Equivalents to clauses 2.2.2(g) and (h) have not been proposed because the above clause seems to cover these requirements already. For consistency, it is suggested that the equivalent provisions in 2.2.2 be deleted.*]

2.2A.3 Market Bi-directional Resource Provider

- (a) A Bi-directional Resource Provider is taken to be a Market Bi-directional Resource Provider only in so far as its activities relate to a market bi-directional facility.
- (b) A Market Bi-directional Resource Provider must:
 - (1) sell all sent out electricity through the spot market and accept payments from AEMO for sent out electricity at the spot price applicable at the connection point for its bi-directional facility as determined for each trading interval in accordance with the provisions of Chapter 3; and
 - (2) purchase all consumed electricity from the spot market and make payments to AEMO for consumed electricity at the spot price applicable at the connection point for its bi-directional facility as determined for each trading interval in accordance with the provisions of Chapter 3.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

2.2A.4 Ancillary services bi-directional unit

- (a) If a Market Bi-directional Resource Provider wishes to use a scheduled bi-directional unit within a market bi-directional facility to provide market ancillary services in accordance with Chapter 3, then the Market Bi-directional Resource Provider must apply to AEMO for approval to

classify the scheduled bi-directional unit as an ancillary service bi-directional unit.

- (b) An application under paragraph (a) must be in the form prescribed by AEMO and specify the market ancillary services which the applicant wishes to provide using the relevant scheduled bi-directional unit.
- (c) AEMO must, within 5 business days of receiving an application under paragraph (a), advise the applicant of any further information or clarification which is required in support of its application if, in AEMO's reasonable opinion, the application:
- (1) is incomplete; or
 - (2) contains information upon which AEMO requires clarification.
- (d) If the further information or clarification required pursuant to paragraph (a) is not provided to AEMO's satisfaction within 15 business days of the request, then AEMO may treat the application as withdrawn and, if so, must inform the applicant accordingly.
- (e) If AEMO is reasonably satisfied that:
- (1) the scheduled bi-directional unit is able to be used to provide the market ancillary services referred to in the application in accordance with the market ancillary service specification; and
 - (2) the applicant has adequate communication and/or telemetry to support the issuing of dispatch instructions and the audit of responses,
- then AEMO must approve the classification in respect of the particular market ancillary services.
- (f) If AEMO approves the classification of a scheduled bi-directional unit as an ancillary service bi-directional unit, then AEMO may impose on the relevant Market Bi-directional Resource Provider such terms and conditions as AEMO considers necessary to ensure that the provisions of the Rules applying to market ancillary services can be met.
- (g) A Market Bi-directional Resource Provider:
- (1) must comply with any terms and conditions imposed by AEMO under paragraph (f);

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (2) must ensure that the market ancillary services provided using the relevant ancillary services bi-directional unit are provided in accordance with the co-ordinated central dispatch process operated by

AEMO under the provisions of Chapter 3 and in accordance with the market ancillary service specification;

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

(h) A Market Bi-directional Resource Provider with an ancillary service bi-directional unit must only sell the market ancillary services produced using that ancillary service bi-directional unit through the spot market in accordance with the provisions of Chapter 3.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

(i) A Market Bi-directional Resource Provider is not entitled to receive payment from AEMO for market ancillary services except where those market ancillary services are produced using an ancillary service bi-directional unit in accordance with Chapter 3 or pursuant to a direction or clause 4.8.9 instruction.

2.2A.5 Ancillary services generating units and loads in bi-directional facility

A Market Bi-directional Resource Provider may classify:

- (a) a generating unit within its market bi-directional facility as an ancillary service generating unit in accordance with clause 2.2.6; or
- (b) a load within its market bi-directional facility as an ancillary service load in accordance with clause 2.3.5.

2.3 Customer

2.3.1 Registration as a Customer

- (a) A *Customer* is a person so registered by AEMO and who engages in the activity of purchasing electricity *supplied* through a *transmission or distribution system* to a *connection point*.
- (b) To be eligible for registration as a *Customer*, a person must satisfy AEMO (acting reasonably) that:
 - (1) the person intends to classify within a reasonable period of time its electricity purchased at one or more *connection points* as a *first-tier load*, a *second-tier load* or a *market load* or an *intending load*; or
 - (2) registration is for the purpose of acting as a *RoLR*.

- (c) A person must not engage in the activity of purchasing electricity directly from the *market* at any *connection point*, unless that person is registered by *AEMO* as a *Market Participant* and that *connection point* is classified as one of that person's *market connection points*.
- (d) A person who engages in the activity of purchasing electricity at any *connection point* otherwise than directly from the *market* may, but is not required to, apply for registration by *AEMO* as a *First-Tier Customer*, a *Second-Tier Customer* or an *Intending Participant* provided that person is entitled to classify its electricity purchased at that *connection point* based on the threshold criteria set out in clause 2.3.1(e).
- (e) A person may not classify its electricity purchased at any *connection point* unless the person satisfies the requirements of the *participating jurisdiction* in which the *connection point* is situated so that (subject to compliance with the *Rules*) the person is permitted to purchase electricity in the *spot market* in relation to that *connection point*.
- (f) A *Market Customer* may classify one or more of its *market loads* as an *ancillary service load* in accordance with clause 2.3.5.

2.3.2 First-Tier Customer

- (a) If any electricity *supplied* through the *national grid* is purchased by a person at a *connection point* directly and in its entirety from the *Local Retailer*, the *load* at that *connection point* may be classified by that person as a *first-tier load*.
- (b) A *Customer* is taken to be a *First-Tier Customer* only in so far as its activities relate to any *first-tier load*.
- (c) A *First-Tier Customer* must not participate in the *spot market* for any *first-tier load*.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

2.3.3 Second-Tier Customer

- (a) Subject to clause 2.3.3(d), if any electricity *supplied* through the *national grid* is purchased by a person at a *connection point* other than directly from the *Local Retailer* or the *spot market* all electricity purchased by that person at that *connection point* may be classified by that person as a *second-tier load*.
- (b) A *Customer* is taken to be a *Second-Tier Customer* only in so far as its activities relate to any *second-tier load*.

- (c) A *Second-Tier Customer* must not participate in the *spot market* for any of its *second-tier loads*.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (d) A person's purchase of electricity at a *connection point* may only be classified as a *second-tier load* while a *Market Customer*, from whom the person directly or indirectly purchases the electricity, classifies the *connection point* as one of its *market loads*.

2.3.4 Market Customer, market loads and scheduled loads

- (a) If electricity, *supplied* through the *national grid* to any person *connected* at a *connection point*, is purchased other than from the *Local Retailer* that *load* at the *connection point* may be classified by that person or, with the consent of that person, by some other person as a *market load*.
- (b) A *Customer* is taken to be a *Market Customer* only in so far as its activities relate to any *market load* and only while it is also registered with *AEMO* as a *Market Customer*.
- (c) A *Market Customer* must purchase all electricity *supplied* at that *connection point* from the *spot market* and make payments to *AEMO* for electricity supplied at the *connection point* as determined for each *trading interval* in accordance with provisions of Chapter 3.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (d) A *Market Customer* may request *AEMO* to classify any of its *market loads* as a *scheduled load*.
- (e) If requested by a *Market Customer* under paragraph (d), or a *Bi-directional Resource Provider* under clause 2.2A.1(e)(2), *AEMO* must classify a ~~market~~ *load* as a *scheduled load* if it is satisfied that the *Market Customer* or *Bi-directional Resource Provider*:
- (1) has submitted data in accordance with schedule 3.1;
 - (2) has adequate communications and/or telemetry to support the issuing of *dispatch instructions* and the audit of responses; and
 - (3) has requested that the *load* be so classified and has not withdrawn that request.

- (f) A *Market Customer* or *Bi-directional Resource Provider* may submit *dispatch bids* in respect of its *scheduled loads* in accordance with the provisions of Chapter 3.
- (g) A *Market Customer* or *Bi-directional Resource Provider* who submits *dispatch bids* for *scheduled loads* and makes its *scheduled loads* available for *central dispatch* must comply with the *dispatch instructions* from AEMO in accordance with the *Rules*.
- (h) A *Customer* who is also a *Local Retailer* must classify any *connection point* which *connects* its *local area* to another part of the *power system* as a *market load*.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

2.3.5 Ancillary services load

[AEMO note: See proposal in clause 2.2.6 on streamlining application clauses].

- (a) If a *Market Ancillary Service Provider* or *Market Bi-directional Resource Provider* in respect of a *load*, or the *Market Customer* in respect of a *market load*, wishes to use that *load* or *market load* to provide *market ancillary services* in accordance with Chapter 3, then the *Market Ancillary Service Provider*, *Market Bi-directional Resource Provider* or *Market Customer* (as the case may be) must apply to AEMO for approval to classify the *load* or *market load* as an *ancillary service load*.
- (b) An application under paragraph (a) must be in the form prescribed by AEMO and:
 - (1) specify the *market ancillary services* which the applicant ~~*Market Ancillary Service Provider*~~ *in respect of a load* or ~~*Market Customer*~~ *in respect of a market load* (as the case may be) wishes to provide using the relevant *load* or *market load*; and
 - (2) in the case of an application made by a *Market Ancillary Service Provider*, not be in respect of a *market load* that is a *scheduled load*.
- (c) AEMO must, within 5 *business days* of receiving an application under paragraph (a), advise the applicant of any further information or clarification which is required in support of its application if, in AEMO's reasonable opinion, the application:
 - (1) is incomplete; or
 - (2) contains information upon which AEMO requires classification.
- (d) If the further information or clarification required pursuant to paragraph (c) is not provided to AEMO's satisfaction within 15 *business days* of the

request, then AEMO may treat the application as withdrawn and, if so, must inform the applicant accordingly. ~~Market Ancillary Service Provider or Market Customer (as applicable) will be deemed to have withdrawn the application.~~

- (e) If AEMO is reasonably satisfied that:
- (1) the *load* is able to be used to provide the *market ancillary services* referred to in the application in accordance with the *market ancillary service specification*;
 - (1A) the applicant ~~Market Ancillary Service Provider or the Market Customer (as the case may be)~~ has an arrangement with the *retail customer* at the relevant *connection point* for the supply of *market ancillary services*; and
 - (2) the applicant ~~Market Ancillary Service Provider or the Market Customer (as the case may be)~~ has adequate communications and/or telemetry to support the issuing of *dispatch instructions* and the audit of responses,

then AEMO must approve the classification in respect of the particular *market ancillary services*.

- (f) If AEMO approves the classification of a *load* as an *ancillary service load*, then AEMO may impose on the relevant *Market Ancillary Service Provider*, *Market Bi-directional Resource Provider* or *Market Customer* (as the case may be) such terms and conditions as AEMO considers necessary to ensure that the provisions of the *Rules* applying to *market ancillary services* can be met.
- (g) A *Market Ancillary Service Provider*, *Market Bi-directional Resource Provider* and *Market Customer* (as applicable):
- (1) must comply with any terms and conditions imposed by AEMO under paragraph (f);

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (2) must ensure that the *market ancillary services* provided using the relevant *ancillary services load* are provided in accordance with the co-ordinated *central dispatch* process operated by AEMO under the provisions of Chapter 3 and in accordance with the *market ancillary service specification*;

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (3) may submit to *AEMO market ancillary service offers* in respect of the *ancillary service load* in accordance with the provision of Chapter 3; and
- (4) if the *Market Ancillary Service Provider*, *Market Bi-directional Resource Provider* or *Market Customer* (as applicable) submits a *market ancillary service offer* in respect of the relevant *ancillary service load*, must comply with the *dispatch instructions* from *AEMO* in accordance with the *Rules*.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (h) A *Market Ancillary Service Provider*, *Market Bi-directional Resource Provider* or *Market Customer* (as applicable) with an *ancillary service load* must only sell the *market ancillary services* produced using that *ancillary service load* through the *spot market* in accordance with the provisions of Chapter 3.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (i) A *Market Ancillary Service Provider*, *Market Bi-directional Resource Provider* or *Market Customer* (as applicable) is not entitled to receive payment from *AEMO* for *market ancillary services* except where those *market ancillary services* are produced using an *ancillary service load* in accordance with Chapter 3 or pursuant to a *direction* or *clause 4.8.9 instruction*.
- (j) A *Market Ancillary Service Provider*, *Market Bi-directional Resource Provider* ~~or *and*~~ *Market Customer* (as applicable) must immediately notify *AEMO* if a *load* it has classified as an *ancillary service load* ceases to meet the requirements for classification under this clause 2.3.5.

2.3A Small Generation Aggregator

2.3A.1 Registration

- (a) A person who intends to supply electricity from one or more *small generating units* to a *transmission or distribution system* may, upon application for registration by that person in accordance with rule 2.9, be registered by *AEMO* as a *Small Generation Aggregator*.
- (b) To be eligible for registration as a *Small Generation Aggregator*, a person must satisfy *AEMO* that the person intends to classify, within a reasonable amount of time, one or more:

- (1) *small generating units* each as a *market generating unit*, with each *market generating unit* having a separate *connection point*; or-
- (2) *small bi-directional units* each as a *market bi-directional unit*, with each *market bi-directional unit* having a separate *connection point*.
- (c) A person must not engage in the activity of selling *sent out electricity or purchasing consumed electricity* ~~directly to the market~~ at any *connection point*, unless that person is registered by AEMO as a *Market Participant* and that *connection point* is classified as one of that person's *market connection points*.
- (d) A person must not classify:
- (1) a *small generating unit* as a *market generating unit* for electricity supplied from any *connection point*; or
- (2) a *small bi-directional unit* as a *market small bi-directional unit* for electricity supplied or purchased.
- from any *connection point* unless the person satisfies the requirements of the *participating jurisdiction* in which the *connection point* is situated so that (subject to compliance with the *Rules*) the person is permitted to supply or purchase electricity in the *spot market* in relation to that *connection point*.
- (e) A *Market Small Generation Aggregator* must:
- (1) classify each *small generating unit* from which it proposes to supply electricity as a *market generating unit*, with each *market generating unit* having a separate *connection point*; and
- (2) classify each *small bi-directional unit* from which it proposes to supply and purchase electricity as a *market small bi-directional unit*, with each *market small bi-directional unit* having a separate *connection point*.
- (f) A *Market Small Generation Aggregator's* activities only relate to *small generating units* it has classified as *market generating units* and *small bi-directional units* it has classified as *market small bi-directional units*, and only while it is also registered with AEMO as a *Small Generation Aggregator*.
- (g) A *Market Small Generation Aggregator* must sell all *sent out generation* through the *spot market* and accept payments from AEMO for all *sent out generation* at the *spot price* applicable at the *connection point* for which it is *financially responsible* as determined for each *trading interval* in accordance with the provisions of Chapter 3.
- (h) A *Market Small Generation Aggregator* must purchase all electricity *supplied* through the *national grid* to the *Market Small Generation Aggregator* at that *connection point* from the *spot market* and make payments to AEMO for such electricity *supplied* at the *connection point* for which it is *financially responsible* as determined for each *trading interval* in accordance with the provisions of Chapter 3.

2.3AA Market Ancillary Service Provider

2.3AA.1 Registration

- (a) A person must not engage in the activity of offering and providing *market ancillary services* in accordance with Chapter 3 as a *Market Ancillary Service Provider* unless that person is registered by AEMO as a *Market Ancillary Service Provider*.
- (b) To be eligible for registration as a *Market Ancillary Service Provider*, a person must:
 - (1) obtain the approval of AEMO to classify *load connected* to a *transmission or distribution system* that it wishes to use to provide *market ancillary service* by:
 - (i) identifying units of *load* under its ownership, operation or control;
 - (ii) demonstrating how *load* identified in (i) are under its ownership, operation or control; and
 - (iii) demonstrating that the *load* identified in (i) has the required equipment to be used to provide *market ancillary service*;
 - (2) satisfy AEMO that each *load* referred to in subparagraph (1) will be capable of meeting or exceeding the relevant *performance standards* and specifications to AEMO's satisfaction.
- (c) A *Market Ancillary Service Provider* may classify the *load* referred to in subparagraph (b)(1) as an *ancillary service load* in accordance with clause 2.3.5 where it has obtained the approval of AEMO to do so.
- (d) A *Market Ancillary Service Provider's* activities only relate to *loads* it has classified (in its capacity as a *Market Ancillary Service Provider*) as *ancillary service loads*, and only while it is also registered with AEMO as a *Market Ancillary Service Provider*.

2.4 Market Participant

2.4.1 Registration as a category of Market Participant

- (a) A *Market Participant* is a person registered by AEMO as any one or more of the following categories:
 - (1) *Market Customer*;
 - (1A) *Market Small Generation Aggregator*;
 - (1B) *Market Ancillary Service Provider*;
 - (1C) *Market Bi-directional Resource Provider*;

- (2) *Market Generator*;
 - (3) *Market Network Service Provider*.
- (b) A *Market Participant* may only participate in the *market* in the category in which it has been registered.
- (c) A *Market Participant* may only participate in any of the *markets* or trading activities conducted by *AEMO* if that *Market Participant* satisfies the relevant *prudential requirements* set out in Chapter 3 applicable to the relevant trading activity.

2.4.2 Eligibility

To be eligible to be registered as any category of *Market Participant*, a person must:

- (a) satisfy *AEMO* that it is and will be able to satisfy the *prudential requirements* as set out in rule 3.3 applicable to all *Market Participants* and those applicable to the relevant category of *Market Participant* in which that person wishes to participate in the *market*;
- (b) satisfy *AEMO* that it meets any relevant requirements imposed under relevant *jurisdictional electricity legislation*;
- (c) satisfy *AEMO* that it is also registered:
 - (1) as a *Generator*, for registration as a *Market Generator*;
 - (2) as a *Customer*, for registration as a *Market Customer*;
 - (2A) as a *Small Generation Aggregator*, for registration as a *Market Small Generation Aggregator*; ~~or~~
 - (3) as a *Network Service Provider*, for registration as a *Market Network Service Provider*; or
 - (4) as a *Bi-directional Resource Provider*, for registration as a *Market Bi-directional Resource Provider*;
- (d) satisfy *AEMO* that it is complying and will comply with other relevant obligations set out in the *Rules*; and
- (e) pay the prescribed fees determined in accordance with rule 2.11.

2.4A Metering Coordinator

2.4A.1 Registration as a Metering Coordinator

- (a) A *Metering Coordinator* is a person so registered by *AEMO* who engages in the coordination and provision of *metering services* at a *connection point*.

- (b) *AEMO* may exempt a *Transmission Network Service Provider* from satisfying one or more registration requirements when registering as a *Metering Coordinator* for *transmission network connection points* on its *transmission network*, subject to such conditions as *AEMO* deems appropriate, where (in *AEMO*'s reasonable opinion) the exemption is not inconsistent with the *national electricity objective*.
- (c) Subject to clause 2.4A.2(b), *AEMO* must not register a *Market Customer* as a *Metering Coordinator*.
- (d) A person who is registered with *AEMO* as a *Metering Coordinator* is:
 - (1) except as specified in subparagraph (2), a *Registered Participant* for the purposes of the *Rules*; and
 - (2) not a *Registered Participant* for the purposes of Part A of Chapter 5 of the *Rules*, unless the person is also registered in another category of *Registered Participant*.

2.4A.2 Eligibility

- (a) To be eligible for registration as a *Metering Coordinator*, a person must:
 - (1) subject to paragraph (b), not be a *Market Customer*;
 - (2) satisfy *AEMO* that it is complying with and will comply with the *Rules* and the procedures authorised under the *Rules*;
 - (3) in respect of a *Metering Coordinator* who is appointed, or is proposed to be appointed, as *Metering Coordinator* at a *small customer metering installation*, have appropriate processes in place to determine that a person seeking access to a service listed in the *minimum services specification* is an *access party* in respect of that service;
 - (4) subject to paragraph (c), ensure that there is an appropriate security control management strategy and associated infrastructure and communications systems for the purposes of preventing unauthorised local access or remote access to *metering installations*, services provided by *metering installations* and *energy data* held in *metering installations*;
 - (5) have insurance as considered appropriate by *AEMO*; and
 - (6) pay the prescribed fees determined in accordance with rule 2.11.
- (b) Clause 2.4A.1(c) and subparagraph (a)(1) do not apply to:
 - (1) a person who is only appointed, or is proposed to be only appointed, as *Metering Coordinator* in respect of one or more *connection points* or proposed *connection points* on a *transmission network*; or

- (2) a *Generator* who is only appointed, or is proposed to be only appointed, as *Metering Coordinator* in respect of one or more *connection points* or proposed *connection points* that *connect a Generator's generating unit to a distribution network*.
- (c) Subparagraph (a)(4) does not apply to a *Generator* who is only appointed, or is proposed to be only appointed, as *Metering Coordinator* in respect of one or more *connection points* or proposed *connection points* that *connect a Generator's generating unit to a distribution network*.

2.5 Network Service Provider

2.5.1 Registration as a Network Service Provider

- (a) Subject to clause 2.5.1(d), a person must not engage in the activity of owning, controlling or operating a *transmission or distribution system* unless that person is registered by *AEMO* as a *Network Service Provider*.
- (b) **[Deleted]**
- (c) **[Deleted]**
- (d) The *AER* may, in accordance with the guidelines issued from time to time by the *AER*, exempt any person or class of persons who is or are required to register as a *Network Service Provider* from:
 - (1) the requirement to register as a *Network Service Provider*; or
 - (2) the operation of Chapter 5,where (in the *AER's* opinion) an exemption is not inconsistent with the *national electricity objective*.
- (d1) An exemption granted by the *AER* under paragraph (d):
 - (1) is, if the exemption relates to a person who owns, controls or operates an *embedded network*, deemed to be subject to the *ENM conditions* unless:
 - (i) the *embedded network* the subject of the exemption is located in a *participating jurisdiction* in which persons *connected*, or proposed to be *connected*, to the *embedded network* are not afforded the right to a choice of *retailer*; or
 - (ii) the *AER* has made a determination under paragraph (d2); and
 - (2) may be subject to such other conditions as the *AER* deems appropriate.
- (d2) If the *AER* considers that the likely costs of complying with *ENM conditions* outweigh the likely benefits to persons *connected*, or proposed to be *connected*, to the *embedded network*, the *AER* may, when granting an exemption under paragraph (d), determine to exempt that person or class of

persons from the requirement to comply with the *ENM conditions* until such time as an *ENM conditions trigger* occurs.

- (d3) An exemption granted by the *AER* under paragraph (d) is, if the exemption relates to a person who owns, controls or operates a *large dedicated connection asset*, deemed to be subject to the condition that the person must comply with clause 5.2A.6(c), clause 5.2A.8 and rule 5.5, as if that person were a *Dedicated Connection Asset Service Provider*.
- (d4) A person granted an exemption under paragraph (d3) must comply with the deemed conditions and any other conditions imposed by the *AER* for that exemption.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (e) The *AER* must develop and issue guidelines for the exemptions described in clause 2.5.1(d) pursuant to the *Rules consultation procedures* and in accordance with those procedures consult with *Registered Participants* and authorities responsible for administering the *jurisdictional electricity legislation*.
- (e1) Without limitation, an exemption may be given which only relates to certain specified *transmission or distribution systems* or classes of *transmission or distribution systems*.
- (f) Prior to granting any exemption under clause 2.5.1(d), the *AER* must consult with the authorities responsible for administering the *jurisdictional electricity legislation* in the *participating jurisdictions* in which any *transmission systems* or *distribution systems* owned, operated or controlled by persons or class of persons under exemption consideration are located.
- (g) Without limitation, an exemption may be given which only relieves a person or class of persons from either or both of the matters described in clause 2.5.1(d)(1) or (2) in relation to certain specified *transmission or distribution systems* or classes of *transmission or distribution systems*.

2.5.1A Dedicated Connection Asset Service Provider

- (a) This clause 2.5.1A has no application to the *declared transmission system* of an *adoptive jurisdiction*.
- (b) A *Transmission Network Service Provider* must classify any parts of its *transmission system* that are *dedicated connection assets* into *large dedicated connection assets* and *small dedicated connection assets*.

Note

A *third party DCA* is defined for the purposes of Chapter 2 to be a *transmission system*.

- (c) A *Transmission Network Service Provider* wishing to classify a *dedicated connection asset* must apply to do so in its application under rule 2.9 or separately by submitting a notice to AEMO in the form prescribed for this purpose by AEMO. The *Transmission Network Service Provider* must provide sufficient evidence to satisfy AEMO that the *dedicated connection asset* is appropriately classified as a *large dedicated connection asset* or *small dedicated connection asset* (as applicable).
- (d) If AEMO receives an application for classification under paragraph (d), it may approve or reject the application. AEMO must approve the classification of a *dedicated connection asset* if it is satisfied, based on the evidence that it is provided by the *Transmission Network Service Provider*, that the part of the *transmission system* is a *large dedicated connection asset* or *small dedicated connection asset* (as applicable).
- (e) Nothing in paragraph (b) requires the classification of any *dedicated connection asset* which forms part of a *transmission system* in respect of which an exemption under paragraph 2.5.1(d) applies.
- (f) A *Dedicated Connection Asset Service Provider* is:
 - (1) only required to comply with a rule that is expressed to apply to a *Network Service Provider* or a *Transmission Network Service Provider* in those capacities where the rule expressly provides that it applies to a *Dedicated Connection Asset Service Provider*; and
 - (2) required to comply with all rules which are expressed to apply to a *Registered Participant*.
- (g) A *Transmission Network Service Provider* is taken to be a *Dedicated Connection Asset Service Provider* only in so far as its activities relate to any of its *dedicated connection assets*.

2.5.2 Market Network Service

- (a) A *Network Service Provider* may classify a *network service* as a *market network service* if and only if the following conditions are satisfied and continue to be satisfied:
 - (1) the relevant *network service* is to be provided by *network elements* which comprise a *two-terminal link* and do not provide any *transmission service* which is subject to a *revenue determination* or any *direct control service*;
 - (2) the *Network Service Provider* is registered under clause 2.5.1 in respect of the *network elements* which provide the relevant *market network service*;
 - (3) the relevant *network service*:
 - (A) has not ever been a *transmission service* to which a *transmission determination* has applied or a *direct control service*; or

- (B) is ineligible to be such a service;
- (4) the *connection points* of the relevant *two-terminal link* are assigned to different *regional reference nodes*; and
- (5) the relevant *two-terminal link* through which the *network service* is provided:
 - (A) does not form part of a *network loop*; or
 - (B) is an *independently controllable two-terminal link*,
and has a registered *power transfer capability* of at least 30 MW.
- (b) A *market network service* is not a prescribed transmission service or a *direct control service* and a *Network Service Provider* is not entitled to impose charges for a *market network service* under Chapter 6 or Chapter 6A.
- (c) If an existing *network service* ceases to be classified as a *market network service*, the *AER* may at its discretion determine the service to be a *prescribed transmission service* or a *direct control service*. In that case, the *AER* may make consequential changes to the relevant transmission determination or distribution determination (as the case requires) to accommodate the service.
- (d) A *Network Service Provider* is taken to be a *Market Network Service Provider* only in so far as its activities relate to the provision of *market network services*.
- (e) For the avoidance of doubt, a *Registered Participant* may apply to the *AEMC* for a *participant derogation* from the conditions specified in clause 2.5.2(a).

2.5.3 Scheduled Network Service

- (a) All *market network services* must be classified as *scheduled network services*.
- (b) A *network service* must not be classified as a *scheduled network service* unless it is also a *market network service*.
- (c) A *Network Service Provider* is taken to be a *Scheduled Network Service Provider* only in so far as its activities relate to the provision of *scheduled network services*.
- (d) *AEMO* may impose on a *Scheduled Network Service Provider* such terms and conditions as *AEMO* considers necessary to ensure that the provisions of the *Rules* applying to *scheduled network services* can be met.
- (e) A *Scheduled Network Service Provider*:

- (1) must comply with any terms and conditions imposed by *AEMO* under clause 2.5.3(d);

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (2) must ensure that the *scheduled network services* are provided in accordance with the co-ordinated *central dispatch* process operated by *AEMO* under the provisions of Chapter 3;

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (3) must ensure that *AEMO* is notified of the availability of the *scheduled network services* in accordance with the provisions of Chapter 3; and

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (4) must submit to *AEMO* a schedule of *dispatch offers* for the *scheduled network services* in accordance with the provisions of Chapter 3.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

2.5A Trader

- (a) A *Trader* is a person so registered by *AEMO* in order to participate in *auctions* under rule 3.18.
- (b) A person who is registered by *AEMO* as a *Trader* is:
 - (1) a *Registered Participant* for the purposes of the *National Electricity Law* and rules 2.9, 2.10, 2.11, 3.18, 8.2, 8.9 and subparagraph (3), and clause 3.13.5A;
 - (2) is to be treated as a *Market Participant* for the purposes of clause 3.3.1 and rule 3.15 (as applied and modified by clause 3.18.4) provided that a person who is registered by *AEMO* as a *Trader* is not to be regarded as a *Market Participant* for the purposes of clauses 3.3.1(a) and 3.15.1(b); and
 - (3) entitled to receive any information which *AEMO* is required to *publish* or otherwise make available to *Registered Participants* (other than

confidential information in respect of one or more other *Registered Participants*),

but is not otherwise a *Registered Participant* for the purposes of the *Rules* unless they are also registered in another category of *Registered Participant*.

- (c) To be eligible for registration as a *Trader*, a person must:
- (1) have an office in Australia to which all communications and notices may be addressed and at which a representative of the person is present at all times during business hours;
 - (2) where the person is not resident in, or does not have a permanent establishment in, Australia, appoint a person (an **agent**) who is:
 - (i) a natural person or company;
 - (ii) resident in Australia; and
 - (iii) authorised to accept service of process and notices on behalf of that person,and provide *AEMO* with a certified copy of the instrument, executed by the agent, under which the agent is so appointed and which specifies the agent's address;
 - (3) be a "wholesale client", as that term is defined in section 761G(4) of the *Corporations Act 2001* of the Commonwealth; and
 - (4) enter into an *auction participation agreement* and, where the person is required to appoint an agent for the purposes of rule 2.5A(c)(2), the person must ensure that the agent is a party to the *auction participation agreement*.

2.5B Reallocator

- (a) A *Reallocator* is a person so registered by *AEMO* in order to participate in *reallocation transactions* under clause 3.15.11.
- (b) A person who is registered with *AEMO* as a *Reallocator* is:
- (1) a *Registered Participant* for the purposes of rules 2.5B(b)(3), 2.9, 2.10, 2.11, 8.2 and 8.9;
 - (2) taken to be a *Market Participant* for the purposes of rules 3.3 and 3.15 but is not regarded as a *Market Participant* for the purposes of clauses 3.3.2(a) and 3.15.1(b); and
 - (3) entitled to receive any information *AEMO* is required to *publish* or otherwise make available to *Registered Participants* (other than *confidential information* in respect of other *Registered Participants*),

but is not otherwise a *Registered Participant* or a *Market Participant* for the purposes of the *Rules* unless the person is also registered in another category of *Registered Participant* or *Market Participant*.

- (c) To be eligible for registration as a *Reallocator*, a person must be a “wholesale client”, as that term is defined in section 761G(4) of the *Corporations Act 2001* of the Commonwealth.

2.6 Special Participant

- (a) A *Special Participant* is a person who is either of the following:
 - (1) *System Operator*: - an agent engaged, or a delegate appointed, by *AEMO* under clause 4.3.3 to carry out some or all of *AEMO*'s rights, functions and obligations under Chapter 4.
 - (2) *Distribution System Operator*: - a person who is responsible, under the *Rules* or otherwise, for controlling or operating any portion of a *distribution system* (including being responsible for directing its operations during *power system* emergencies).
- (b) A person must be registered by *AEMO* in this category to perform these functions.

2.7 Intention to Commence Activities or Functions

- (a) Any person intending to act in any *Registered Participant* category may, on application for registration by that person in accordance with rule 2.9, be registered by *AEMO* as an *Intending Participant* if that person can reasonably satisfy *AEMO* that it intends to carry out an activity in respect of which it must or may be registered as a *Registered Participant*.
- (b) *AEMO* may from time to time require a person registered by *AEMO* as an *Intending Participant* to satisfy *AEMO* that it continues to meet the criteria for registration in rule 2.7(a). If the *Intending Participant* is unable to satisfy *AEMO* that it continues to meet those criteria then it will cease to be registered as an *Intending Participant* on the date specified by *AEMO* by written notice to the *Intending Participant* concerned.
- (c) An *Intending Participant* is taken to be an *Intending Participant* only in so far as its activities relate to its intention to commence an activity in respect of which it must or may be registered as a *Registered Participant*.
- (d) As a *Registered Participant*, an *Intending Participant* may exercise such rights and is bound by such obligations under the *Rules* as are specified by *AEMO* (on the basis of whether the *Intending Participant* intends to become a *Customer*, *Generator*, *Bi-directional Resource Provider*, *Network Service Provider* or *Special Participant*) and approved by the *AEMC*.

2.8 Registered Participant Rights and Obligations

2.8.1 Rights and obligations

- (a) A *Registered Participant* must not act in any one of the categories listed in rules 2.2 to 2.7 unless the *Registered Participant* is registered by *AEMO* in that category in accordance with the requirements of the *Rules*.
- (a1) A *Registered Participant* must comply with the provisions of the *Rules* applicable to that *Registered Participant*.
- (b) A *Registered Participant* may act in more than one of the categories described in rules 2.2 to 2.7 provided that the *Registered Participant* is registered by *AEMO* in relation to each of the relevant *Registered Participant* categories.

2.9 Application to be Registered as a Registered Participant

2.9.1 Applications for Registration

- (a) Applications to be registered in any category of *Registered Participant* must be submitted to *AEMO* in the form prescribed by *AEMO*.
- (b) *AEMO* must, within 5 *business days* of receiving an application, advise the applicant of any further information or clarification which is required in support of its application if, in *AEMO*'s reasonable opinion, the application:
 - (1) is incomplete; or
 - (2) contains information upon which *AEMO* requires clarification.
- (c) If the further information or clarification required pursuant to clause 2.9.1(b) is not provided to *AEMO*'s satisfaction within 15 *business days* of the request, then *AEMO* may treat the application as withdrawn and, if so, must inform the applicant accordingly. ~~the person will be deemed to have withdrawn the application.~~

2.9.2 Registration as a Registered Participant

- (a) In this clause 2.9.2:
receiving date means the later date of *AEMO* receiving:
 - (1) an application for registration referred to in clause 2.9.1;
 - (2) further information or clarification referred to in clause 2.9.1(b); or
 - (3) in relation to an application for registration as a *Generator*, the information requested under clause S5.2.4(b).

- (b) *AEMO* must, within 15 *business days* of the receiving date, determine that an applicant is to be registered in the category of *Registered Participant* applied for if *AEMO* is reasonably satisfied that:
 - (1) the applicant meets the eligibility requirements specified for the category of *Registered Participant* to which the application relates;
 - (2) if the application relates to registration in one of the categories of *Market Participant*, the applicant is and will be able to fulfil the applicable financial obligations under Chapter 3 of the *Rules*; and
 - (3) the applicant has demonstrated an ability to comply with the *Rules*.
- (c) If *AEMO* determines that an applicant does not satisfy the requirements referred to in paragraph (b), *AEMO* must determine that the applicant is not qualified to be registered as a *Registered Participant* in the relevant category and provide reasons for that determination.

2.9.3 Registration as an Intermediary

- (a) A person (the "*applicant*") who is required to be registered under the *National Electricity Law* or under the *Rules* as a *Generator*, a *Bi-directional Resource Provider* or a *Network Service Provider* may apply to *AEMO* or the *AER* respectively for an exemption from that requirement to register.
- (b) *AEMO* or the *AER* (as the case may be) must allow that exemption if:
 - (1) the applicant notifies *AEMO* or the *AER* (as the case may be) of the identity of a person (an "*intermediary*") to be registered instead of the applicant;
 - (2) the applicant provides *AEMO* or the *AER* (as the case may be) with the written consent of the *intermediary* to act as *intermediary* in a form reasonably acceptable to *AEMO* or the *AER*; and
 - (3) **[Deleted]**
 - (4) *AEMO* or the *AER* (as the case may be) notifies the applicant that it approves of the *intermediary*.
- (c) *AEMO* or the *AER* (as the case may be) must approve an *intermediary* if the applicant establishes to *AEMO's* reasonable satisfaction that, from a technical perspective, the *intermediary* can be treated for the purpose of the *Rules* as the applicant with respect to the relevant *generating system*, *bi-directional facility*, *distribution system* or *transmission system* with which the applicant is associated.
- (d) If the exemption is granted by *AEMO* or the *AER* (as the case may be) then:
 - (1) provided the *intermediary* satisfies all relevant registration requirements that the applicant would have been required to satisfy,

- AEMO* must register the *intermediary* as a *Registered Participant* as if it were the applicant;
- (2) the *intermediary* will be considered for the purposes of the *Rules* to be the applicant;
 - (3) all references in the *Rules* to the applicant will be deemed to be references to the *intermediary* (unless the context requires otherwise);
 - (4) all acts, omissions, statements, representations and notices of the *intermediary* in its capacity as a *Registered Participant* under the *Rules* will be deemed to be the acts, omissions, statements, representations and notices of the applicant;
 - (5) the *intermediary* and the applicant will be jointly and severally liable for the acts, omissions, statements, representations and notices of the *intermediary* in its capacity as a *Registered Participant* under the *Rules*; and
 - (6) *AEMO* or any other *Registered Participant* may fulfil any obligations to the applicant under the *Rules* by performing them in favour of the *intermediary*.
- (e) The applicant may revoke the appointment of the *intermediary* by giving notice of such revocation to *AEMO*, whereupon *AEMO* must advise the *AER* that such notice has been given.
 - (f) At 4.30 am, 2 *business days* after *AEMO* receives notice of such revocation, the *intermediary* will cease to be considered the applicant's *intermediary* for the purposes of the *Rules* and the applicant will not be liable under clause 2.9.3(d)(5) for any acts, omissions, statements, representations or notices of the *intermediary* occurring after that time.
 - (g) If the applicant revokes the appointment of an *intermediary*, the exemption granted by *AEMO* or the *AER* (as the case may be) to the applicant as contemplated by clause 2.9.3(b) ceases at the time the *intermediary* ceases to be the applicant's *intermediary* in accordance with clause 2.9.3(f).
 - (h) The applicant may notify *AEMO* or the *AER* (as the case may be) that the *intermediary* is the applicant's *intermediary* for part only of the applicant's business (provided that that part represents one or more discrete *generating systems*, *bi-directional facilities*, *distribution systems* or *transmission systems*).
 - (i) Nothing in the *Rules* requires the *intermediary* to be the agent of the applicant.

2.9A Transfer of Registration

2.9A.1 Definitions

In this rule 2.9A:

Transferor means a *Registered Participant* wishing to transfer its registration to another person in accordance with rule 2.9A.

Transferee means the person to whom a *Registered Participant* wishes to transfer its registration in accordance with rule 2.9A.

2.9A.2 Applications for Transfer of Registration

- (a) If a Transferor wishes to transfer its registration to the Transferee, then the Transferor and Transferee must apply to *AEMO* for approval to do so.
- (b) An application under clause 2.9A.2(a) must be submitted to *AEMO* by the Transferor and Transferee in the form prescribed by *AEMO*.
- (c) *AEMO* must, within 5 *business days* of receiving an application under clause 2.9A.2(a), advise the Transferor and Transferee of any further information or clarification which is required in support of its application if, in *AEMO*'s reasonable opinion, the application:
 - (1) is incomplete; or
 - (2) contains information upon which *AEMO* requires clarification.
- (d) If the further information or clarification required pursuant to clause 2.9A.2(c) is not provided to *AEMO*'s satisfaction within 15 *business days* of the request, then ~~the Transferor and Transferee will be deemed to have withdrawn the application.~~ *AEMO* may treat the application as withdrawn and, if so, must inform the applicant accordingly.

2.9A.3 Approval for Transfer of Registration

- (a) *AEMO* must, within 15 *business days* of receiving an application under clause 2.9A.2(a), determine to transfer the registration if *AEMO* 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 *facilities* to which the application relates, the Transferee meets the eligibility requirements specified in the *Rules* for the category of *Registered Participant* to which the application relates;
 - (3) the classification of the *facilities* to which the application relates has previously been approved by *AEMO* in accordance with the *Rules*;

- (4) the *performance standards* applicable to the *facilities* 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 a 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*.
- (b) If *AEMO* approves the application, then *AEMO* may impose such terms and conditions as *AEMO* considers appropriate, or vary the terms and conditions of the registration on its transfer.
 - (c) If *AEMO* determines that the application does not satisfy any of the requirements referred to in clause 2.9A.3(a), *AEMO* must reject the application and provide reasons in writing to the Transferor and Transferee for that rejection.
 - (d) If an application is made for transfer of the registration of a *Market Customer* that is a *retailer*:
 - (1) *AEMO* must, before deciding the application, consult with the *AER* about the application; and
 - (2) the period of 15 *business days* allowed for deciding the application under paragraph (a) is extended by the period reasonably required for the consultation; and
 - (3) *AEMO* must notify the *AER* of its decision on the application.

2.10 Ceasing to be a Registered Participant

2.10.1 Notification of intention

- (a) A person:
 - (1) may notify *AEMO* in writing that it wishes to cease to be registered in any category of *Registered Participant* or that it wishes to terminate any of its classifications of *loads*, *generating units* or *bi-directional units* (other than a *generating unit* or *bi-directional unit* specified in subparagraph (2)) or *network services*; and
 - (2) who is a *Scheduled Generator*, ~~or~~ *Semi-Scheduled Generator* or *Scheduled Bi-directional Resource Provider*, where relevant, must notify *AEMO* in writing if it wishes to terminate any of its classifications of *generating units*, *scheduled bi-directional units* or *loads*.

- (b) A person is not entitled to notify *AEMO* that it wishes to cease to be registered in relation to any category for which that person is required to be registered under the *National Electricity Law* or under the *Rules*.
- (c) In any notice given under subparagraph (a)(1), the *Registered Participant* must specify a date upon which it wishes to cease to be so registered or for an existing classification to be terminated and, in the case of a *Market Participant*, the date upon which it will cease to *supply* or acquire electricity or trade directly in the *market* and whether entirely or in relation to one or more *connection points* or *market network services*.
- (c1) In any notice given under subparagraph (a)(2), the *Registered Participant*:
- (1) must specify a date (the *closure date*):
 - (i) for a *Non-Market Generator*, by which the classification of the *generating unit* will be terminated; and
 - (ii) for a *Market Generator* or *Market Bi-directional Resource Provider*, where relevant, by which:
 - (A) the classification of ~~the~~ a *generating unit*, *scheduled bi-directional units or loads* will be terminated; and
 - (B) it will cease to produce or consume ~~supply~~ electricity or trade directly in the *market* whether entirely or in relation to one or more *connection points*; and
 - (2) must provide an updated notice to *AEMO* under subparagraph (a)(2) of any amendments to the *closure date*.
- (c2) A *Scheduled Generator's*, ~~or *Semi-Scheduled Generator's*~~ or *Scheduled Bi-directional Resource Provider's* first notified *closure date* for a *generating unit* or *scheduled bi-directional unit* must be no earlier than three years from the date of the notice given under subparagraph (a)(2), except where the relevant *Generator* or *Scheduled Bi-directional Resource Provider* has applied for, and is granted an exemption by the *AER* under paragraph (c4).
- (c3) A *Scheduled Generator's*, ~~or *Semi-Scheduled Generator's*~~ or *Scheduled Bi-directional Resource Provider's* amended *closure date* for a *generating unit* provided in a notice to *AEMO* under subparagraph (c1)(2) (**amended notice**):
- (1) may be a date that is later than the most recent *closure date* provided to *AEMO* under paragraph (a)(2); and
 - (2) must not be a date that is earlier than the most recent *closure date* provided to *AEMO* under paragraph (a)(2) except where:
 - (i) the amended *closure date* is no earlier than three years from the date the amended notice is provided to *AEMO*; or

- (ii) the *Generator* or *Bi-directional Resource Provider* has applied for, and is granted, an exemption by the *AER* under paragraph (c4).
- (c4) The *AER* may, in accordance with guidelines issued from time to time by the *AER*, exempt any *Scheduled Generator*, ~~or *Semi-Scheduled Generator*~~ or *Scheduled Bi-directional Resource Provider* from the requirement to provide the *closure date* in accordance with paragraph (c2) and (c3).
- (c5) The *AER*, in accordance with the *Rules consultation procedures*:
- (1) must develop and *publish* guidelines referred to in paragraph (c4) that include:
 - (i) the information to be provided by a *Generator* or *Bi-directional Resource Provider* to the *AER* when requesting an exemption; and
 - (ii) procedures for handling requests for exemption received from *Generators* or *Bi-directional Resource Providers*; and
 - (2) may amend these guidelines from time to time.
- (c6) The *AER* may make minor and administrative amendments to the guidelines under clause (c5) without complying with the *Rules consultation procedures*.
- (d) *AEMO* may reject a notice from a *Market Customer* that it wishes to terminate its classification of a *connection point* as one of its *market loads* or otherwise cease to be a *Market Customer* in relation to any of its *market loads* unless *AEMO* is satisfied that:
- (1) another person has classified the *connection point* as one of its *market loads* and is registered as a *Market Customer*;
 - (2) the relevant *Local Retailer* has agreed or is otherwise required by laws of the relevant *participating jurisdiction* to assume responsibility for payments to *AEMO* for electricity *supplied* to that *connection point*; or
 - (3) the *load* at that *connection point* will be *disconnected* on and from the date specified and, taking into consideration any relevant guidelines and procedures specified by the relevant *participating jurisdiction* to *AEMO*, that *disconnection* is not inappropriate.
- (d1) *AEMO* may reject a notice from a *Market Small Generation Aggregator* which states that it wishes to terminate its classification of a *small generating unit* as a *market generating unit* or *small bi-directional unit as a market small bi-directional unit*, or otherwise cease to be a *Market Small Generation Aggregator* in relation to any of its *market generating units* or *market small bi-directional units*, unless *AEMO* is satisfied that:

- (1) another person has classified the *small generating unit* as one of its *market generating units* or *small bi-directional unit one of its market small bi-directional units* and that person is registered as a *Small Generation Aggregator* and a *Market Small Generation Aggregator*;
 - (2) the relevant *Local Retailer* has agreed or is otherwise required by laws of the relevant *participating jurisdiction* to assume responsibility for payments with *AEMO* for electricity *supplied* to the *connection points* of the *market generating units* or *market small bi-directional units*; or
 - (3) the *small generating unit* or *small bi-directional units* at that *connection point* will be *disconnected* on and from the date specified in the notice, and, after having regard to any relevant guidelines and procedures specified by the relevant *participating jurisdictions* to *AEMO*, *disconnection* is appropriate.
- (e) Upon receiving a notice which complies with clause 2.10.1 from a person who wishes to cease to be registered in any category of *Market Participant*, or to terminate the classification of any of its *market loads*, *market generating units*, *market bi-directional units* or *market network services*, *AEMO* must deliver a notice to the *AER* and the *AEMC* and notify all *Registered Participants* stating that:
- (1) *AEMO* has received a notice under clause 2.10.1(a); and
 - (2) the person who gave the notice has stated that, from the date specified in the notice, the person intends to cease *supplying* or acquiring electricity or trading directly in the *market* and whether entirely or in relation to certain *connection points* or *market network services*.
- (f) If a *Market Customer* that is a *retailer* gives a notice under this clause, *AEMO* must, before deciding whether to reject the notice under paragraph (d), consult with the *AER*.

2.10.2 Ceasing Participation

- (a) A *Market Participant* must cease all trading in the *market* as specified in a notice that is properly given under clause 2.10.1(a) and is not rejected under clause 2.10.1(d).

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

- (b) A person ceases to be a *Registered Participant* for the purposes of the *Rules* when all payments due to be paid to or by it under the *Rules* have been made.
- (c) The fact that a person has ceased to be registered in any category of *Registered Participant* or has terminated any classifications contemplated

under this Chapter does not affect any obligation or liability of that person under the *Rules* which arose prior to the cessation of its registration or the termination of the classification.

2.10.3 Liability after cessation

A *Registered Participant* which is subject to a liability under the *Rules* remains subject to that liability after and despite ceasing to be a *Registered Participant* regardless of when the claim is made.

2.11 Participant Fees

2.11.1A Application

For the purposes of rule 2.11 only, *Third Party B2B Participants* (other than *Third Party B2B Participants* who are also *Embedded Network Managers*) who are not otherwise *Registered Participants* are deemed to be *Registered Participants*.

2.11.1 Development of Participant fee structure

- (a) *AEMO* must develop, review and publish, in consultation with *Registered Participants* and *interested parties* and such other persons as *AEMO* thinks appropriate, in accordance with the *Rules consultation procedures*, the structure (including the introduction and determination) of *Participant fees* for such periods as *AEMO* considers appropriate.
- (ab) In determining *Participant fees*, *AEMO* must have regard to the *national electricity objective*.
- (b) The structure of *Participant fees* must, to the extent practicable, be consistent with the following principles:
 - (1) the structure of *Participant fees* should be simple;
 - (2) *Participant fees* should recover the budgeted revenue requirements for *AEMO* determined under clause 2.11.3 on a basis where:
 - (i) the following principles are relevant to the recovery of recurrent expenditure:
 - (A) if *AEMO* recovers an excess of revenue over expenditure from the provision of a particular service in a financial year, it may roll over the excess to a later financial year (or later financial years) so as to reduce revenue requirements in the later financial year (or years);
 - (B) *AEMO* may recover a shortfall of revenue as against expenditure for the provision of a particular service in a later financial year or later financial years;

- (C) *AEMO* may take any other action it considers desirable to smooth the impact of actual or anticipated cost variations on the users of a service provided by *AEMO*;
 - (ii) capital expenditures (incurred after *market commencement*) are recovered through the depreciation or amortisation of the assets acquired by the capital expenditure in a manner that is consistent with generally accepted accounting principles;
 - (iii) costs of transition are recovered over a period of 4 years from the *changeover date*.
 - (iv) notwithstanding clauses 2.11.1(b)(2)(i), (ii) and (iii), expenditure incurred by, and depreciation and amortisation charged to, *AEMO* associated with a *declared NEM project* are recovered from the start date and over the period determined for that *declared NEM project* under clauses 2.11.1(bb) or 2.11.1(bd). Amounts associated with a *declared NEM project* determined in accordance with this clause are to be recovered through an additional *Participant fee* determined in accordance with clauses 2.11.1(bb) or 2.11.1(bd) until the next general determination of all *Participant fees* is made under clause 2.11.1(a);
- (3) 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*;
- (4) *Participant fees* should not unreasonably discriminate against a category or categories of *Registered Participants*; and
- (5) the fixed component of *Participant fees* for a *Market Ancillary Services Provider* who is registered with *AEMO* solely for the purpose of providing *market ancillary services*, may be zero.
- (ba) *AEMO* may determine any of the following projects to be a *declared NEM project*:
 - (1) a major reform or development (including an anticipated reform or development) of the *market*; or
 - (2) a major change (including an anticipated change) to a function, responsibility, obligation or power of *AEMO* under the *Rules*; or
 - (3) a major change (including an anticipated change) to any of the computer software or systems that *AEMO* uses in the performance of any of its functions, responsibilities, obligations or powers under the *Rules*.
- (bb) When *AEMO* determines a project to be a *declared NEM project* under clause 2.11.1(ba), it must also determine the start date for recovery and the period or periods over which recovery will occur for the *declared NEM*

project. AEMO must also determine the structure of an additional Participant fee to be used in the recovery of costs associated with a declared NEM project until the next general determination of all Participant fees is made under clause 2.11.1(a).

- (bc) In making determinations under clauses 2.11.1(ba) and (bb), *AEMO must comply with the Rules consultation procedures.*
- (bd) The introduction and facilitation of full retail competition is taken to have been determined to be a *declared NEM project* under clause 2.11.1(ba) and *AEMO* will be entitled to recover through *Participant fees* expenditure incurred by, and depreciation and amortisation charged to, *AEMO* in respect of full retail competition. The period or periods over which recovery will occur for this *declared NEM project* will be determined by *AEMO* using the *Rules consultation procedures*. If any amounts associated with the introduction and facilitation of full retail competition are to be recovered prior to the next general determination of all *Participant fees* under clause 2.11.1(a), such recovery must be through an additional *Participant fee* determined using the *Rules consultation procedures*.
- (c) The components of the *Participant fees* may include, but are not limited to:
 - (1) registration fees, comprising an annual fee payable by each person for each *Registered Participant* category in which they are registered;
 - (2) *ancillary service fees*, to recover *AEMO's* budgeted revenue requirements in relation to its procurement of *non-market ancillary services*;
 - (3) *power system operations fees*, to recover *AEMO's* budgeted revenue requirements in relation to its *power system* operation activities described in clause 2.11.3(b)(2);
 - (4) *metering fees* to recover *AEMO's* budgeted revenue requirements for the collection, storage and processing of *metering data*;
 - (5) billing and *settlements fees*, to recover *AEMO's* budgeted revenue requirements as described in clause 2.11.3(b)(4); and
 - (5A) *NTP function fees* to recover *AEMO's* budgeted revenue requirement as described in clause 2.11.3(b)(4A);
 - (5B) *additional advisory function fees* to recover *AEMO's* budgeted revenue requirement as described in clause 2.11.3(b)(4B);
 - (6) administration fees, to recover the remainder of *AEMO's* budgeted revenue requirements;and each component of the *Participant fees* may take into account adjustments which may be appropriate in light of the matters described in clauses 2.11.3(b)(7) or (8).

- (d) In undertaking the process described in clause 2.11.1(a) *AEMO* must consider other fee structures in existence which it thinks appropriate for comparison purposes.
- (e) *AEMO* must publish to *Registered Participants* and to such other persons as *AEMO* thinks appropriate, the structure of *Participant fees* determined, the methods used in determining the structure and an assessment of the extent to which the structure complies with the principles set out in clause 2.11.1(b) at least 3 months prior to the implementation of the structure.

2.11.2 Payment of Participant fees

- (a) *AEMO* may charge a *Registered Participant* the relevant components of *Participant fees* in accordance with the structure of *Participant fees* by giving the *Registered Participant* a statement setting out the amount payable by that *Registered Participant* and the date for payment.
- (b) In the case of a *Market Participant*, *AEMO* may, alternatively, include the relevant amount in the statements described in clause 3.15.15.
- (c) A *Registered Participant* must pay to *AEMO* the net amount stated to be payable by that *Registered Participant* in a statement issued under clause 2.11.2(a) or in accordance with clause 2.11.2(b) to meet *AEMO*'s budgeted revenue requirements by the date specified for payment, whether or not the *Registered Participant* disputes the net amount payable.

Note

This clause is classified as a civil penalty provision under the National Electricity (South Australia) Regulations. (See clause 6(1) and Schedule 1 of the National Electricity (South Australia) Regulations.)

2.11.3 Budgeted revenue requirements

- (a) *AEMO* must prepare and *publish* before the beginning of each *financial year* a budget of the revenue requirements for *AEMO* for that *financial year*.
- (b) The budget prepared by *AEMO* under clause 2.11.3(a) must take into account and separately identify projected revenue requirements in respect of:
 - (1) *AEMO*'s procurement of *non-market ancillary services*;
 - (2) *AEMO*'s expenditures in relation to its *power system* operation activities, including meeting its obligations in terms of *power system security* and the facilitation and operation of the central bidding and dispatch processes in accordance with the *Rules*;
 - (2A) *AEMO*'s expenditures in relation to *inter-network tests*;
 - (3) *AEMO*'s expenditures in the collection, storage and processing of *metering data*;

- (4) *AEMO's* expenditures in the facilitation of the billing and *settlement of market transactions*;
- (4A) *AEMO's* expenditures in carrying out *NTP functions*;
- (4B) *AEMO's* expenditures in carrying out additional advisory functions;
- (5) *AEMO's* other expenditure requirements, operating costs and margin so far as they relate to the electricity industry;
- (5A) the proportion of *AEMO's* residual expenditures allocated to the electricity industry under paragraph (c).
- (6) *AEMO's* consumer advocacy funding obligation under rule 8.10;
- (7) any revenue shortfall or excess from each of the requirements specified under clause 2.11.3(b)(1)-(5) from the previous *financial year*; and
- 7A *AEMO's* expenditure in relation to *B2B costs*;
- (8) the funding requirements of the *Participant compensation fund* in accordance with rule 3.16 (which requirements must only be recovered from *Scheduled Generators, Semi-Scheduled Generators* and *Scheduled Network Service Providers*).
- (c) *AEMO* must allocate expenditures that cannot be specifically related to electricity activities or gas activities (**residual expenditures**) between the electricity and gas industries in a manner that:
 - (1) ensures that the total amount of the residual expenditures is allocated appropriately between the electricity and the gas industries; and
 - (2) ensures that each industry bears an allocation at least equal to the amount by which residual expenditures would be reduced if services were no longer provided to that industry; and
 - (3) promotes the efficient use of electricity and gas services.
- (d) *AEMO's* expenditures in carrying out *declared network functions* are to be recovered through fees charged as a *Transmission Network Service Provider* and not through *participant fees*.

2.12 Interpretation of References to Various Registered Participants

- (a) A person may register in more than one of the categories of *Registered Participant*.
- (b) Notwithstanding anything else in the *Rules*, a reference to:
 - (1) a "*Generator*" applies to a person registered as a *Generator* only in so far as it is applicable to matters connected with the person's *scheduled*

generating units, semi-scheduled generating units, non-scheduled generating units, market generating units or non-market generating units;

- (1A) a "*Small Generation Aggregator*" applies to a person registered as a "*Small Generation Aggregator*" only in so far as it is applicable to matters connected with the person's *small generating units or market generating units*;
- (1B) a "*Market Ancillary Service Provider*" applies to a person registered as a "*Market Ancillary Service Provider*" only in so far as it is applicable to matters connected with the person's *ancillary service load*;
- (2) a "*Scheduled Generator*", "*Semi-Scheduled Generator*", "*Non-Scheduled Generator*", "*Market Generator*" or "*Non-Market Generator*" applies to a person only in so far as it is applicable to matters connected with the person's *scheduled generating units, semi-scheduled generating units, non-scheduled generating units, market generating units or non-market generating units* respectively;
- (2A) a "*Bi-directional Resource Provider*" applies to a person registered as a "*Bi-directional Resource Provider*" only in so far as it is applicable to matters connected with the person's *bi-directional units and any generating units or loads forming part of the person's bi-directional facility*;
- (2B) a "*Scheduled Bi-directional Resource Provider*" or "*Market Bi-directional Resource Provider*" applies to a person only in so far as it is applicable to matters connected with the person's *scheduled bi-directional units or market bi-directional units* respectively;
- (3) a "*Customer*" applies to a person registered as a *Customer* only in so far as it is applicable to matters connected with the person's *first-tier loads, second-tier loads or market loads*;
- (4) a "*First Tier Customer*", "*Second Tier Customer*" or "*Market Customer*" applies to a person only in so far as it is applicable to matters connected with the person's *first-tier loads, second-tier loads or market loads* respectively;
- (4A) a "*Trader*" applies to a person only in so far as it is applicable to matters connected with the person's activities as a *Trader*;
- (4B) a "*Reallocator*" applies to a person only in so far as it is applicable to matters connected with the person's activities as a *Reallocator*;
- (5) subject to clause 2.5.1A(f), a "*Network Service Provider*" applies to a person registered as a *Network Service Provider* only in so far as it is applicable to matters connected with the person's *network services, including market network services and scheduled network services*;

- (5A) a “*Dedicated Connection Asset Service Provider*” applies to a person only in so far as it is applicable to matters connected with the person’s *dedicated connection assets*;
- (6) a “*Market Network Service Provider*” or “*Scheduled Network Service Provider*” applies to a person only in so far as it is applicable to matters connected with the person’s *market network services* or *scheduled network services* respectively;
- (7) a “*Market Participant*” applies to a person who is a *Market Participant* and:
- (i) where that person is registered as a *Market Generator*, in so far as it is applicable to matters connected with the person’s *market generating units* or *ancillary services generating units*; and
 - (i1) where that person is registered as a *Market Small Generation Aggregator*, in so far as it is applicable to matters connected with the person’s *market generating units*; and
 - (i2) where that person is registered as a *Market Ancillary Service Provider*, in so far as it is applicable to matters connected with the person’s *ancillary service load*; and
 - (i3) where that person is registered as a *Market Bi-directional Resource Provider*, in so far as it is applicable to matters connected with the person’s *market bi-directional units*; and
 - (ii) where that person is registered as a *Market Customer*, in so far as it is applicable to matters connected with the person’s *market loads* or *market ancillary service loads*; and
 - (iii) where that person is registered as a *Market Network Service Provider*, in so far as it is applicable to matters connected with the person’s *market network services*; and
 - (iv) where that person is registered in any category of *Market Participant* additional to a *Market Generator* and/or a *Market Customer* and/or a *Market Network Service Provider*, to the extent to which the reference would otherwise apply to the person if it were not taken to be a *Market Generator*, *Market Customer* or *Market Network Service Provider*; and
- (8) a “*Registered Participant*” applies to a person who is registered under Chapter 2 and:
- (i) where that person is registered as a *Generator*, in so far as it is applicable to matters connected with any of the *Generator’s scheduled generating units*, *semi-scheduled generating units*, *non-scheduled generating units*, *market generating units* and *non-market generating units*;

- (ii) where that person is registered as a *Customer*, in so far as it is applicable to matters connected with any of the *Customer's first-tier loads, second-tier loads or market loads*; and
 - (iii) where that person is registered in any other *Registered Participant* category, to the extent to which the reference would apply to the person if it were not registered in another *Registered Participant* category.
- (c) In rule 2.12, "*matter*" includes any assets, liabilities, acts, omissions or operations (whether past, present or future).