



Draft National Electricity Amendment (Improving the NEM access standards - Package 2) Rule 2026

The Australian Energy Market Commission makes the following Rule under the National Electricity Law to the extent applied by:

- (a) the *National Electricity (South Australia) Act 1996* of South Australia;
- (b) the *Electricity (National Scheme) Act 1997* of the Australian Capital Territory;
- (c) the *Electricity - National Scheme (Queensland) Act 1997* of Queensland;
- (d) the *National Electricity (New South Wales) Act 1997* of New South Wales;
- (e) the *Electricity - National Scheme (Tasmania) Act 1999* of Tasmania;
- (f) the *National Electricity (Victoria) Act 2005* of Victoria; and
- (g) the *Australian Energy Market Act 2004* of the Commonwealth.

Anna Collyer
Chairperson
Australian Energy Market Commission

Draft National Electricity Amendment (Improving the NEM access standards - Package 2) Rule 2026

1 Title of Rule

This Rule is the *Draft National Electricity Amendment (Improving the NEM access standards - Package 2) Rule 2026*.

2 Commencement

Schedule 1 of this Rule commences operation on 30 June 2026.

Schedule 2 of this Rule commences operation on 30 June 2026.

3 Amendment to the National Electricity Rules

The National Electricity Rules are amended as set out in Schedule 1.

4 Amendment to the National Electricity Rules

The National Electricity Rules are amended as set out in Schedule 2.

Schedule 1 Amendment to the National Electricity Rules

(Clause 3)

[1] Clause 4.3.5 Customer obligations

In clause 4.3.5(a), after "be progressively automatically *disconnected*", insert "or reduced".

[2] Clause 4.4A.1 AEMO enablement of system security services

In clause 4.4A.1(b), omit "*market network service facilities*", and substitute "*schedule 5.3a plant*".

[3] Clause 4.4A.4 Enablement principles

In clause 4.4A.4(d)(1), omit "*market network service facilities*", and substitute "*schedule 5.3a plant*".

[4] Clause 4.6.6 System strength impact assessment guidelines

Omit clause 4.6.6(a)(5), and substitute "[Deleted]".

[5] Clause 4.6.6 System strength impact assessment guidelines

In clause 4.6.6(a)(6), omit "*inverter based resource*" and substitute "*asynchronous generating unit* or an *asynchronous bidirectional unit*".

[6] Rule 4.14 Acceptance of Performance Standards

In rule 4.14(n), omit "*Registered Participants*" and substitute "*Schedule 5 Participants*".

[7] Clause 5.2.6A AEMO review of technical requirements for connection

In clause 5.2.6A(e), at the start of the text, insert "Subject to paragraph (e1),".

[8] Clause 5.2.6A AEMO review of technical requirements for connection

After clause 5.2.6A(e), insert:

- (e1) The time for publication of the final report under paragraph (e) may be extended by *AEMO* for an additional period of up to 3 months by publishing a notice of extension if *AEMO* considers that there are matters of material complexity or a material change in circumstances requiring an extension. *AEMO* must publish a notice of extension no

later than one month prior to the end of the 12 month period referred to in paragraph (e) which sets out the matters of complexity or material change in circumstances, and how *AEMO* plans to address it, including its plan for engaging stakeholders on those matters.

[9] Clause 5.3.7 Finalisation of connection agreements and network operating agreements

Omit clause 5.3.7(b) and substitute:

- (b) The *connection agreement* must include:
 - (1) proposed *performance standards* with respect to each of the technical requirements identified in schedules 5.2, 5.3 and 5.3a and each proposed *performance standard* must have been established in accordance with the relevant technical requirement; and
 - (2) a commitment to ongoing compliance with the proposed *performance standards*, consistent with *good electricity industry practice*.

[10] Clause 5.3.12 Procedure to be followed for alterations to other connected plant

In clause 5.3.12(a), after "a *Schedule 5.3 Participant*", omit "specified in clause S5.3.11(a)".

[11] Clause 5.3.12 Procedure to be followed for alterations to other connected plant

In clause 5.3.12(a), after "a *Schedule 5.3a Participant*", omit "specified in clause S5.3a.1a".

[12] Clause 5.3.12 Procedure to be followed for alterations to other connected plant

In clause 5.3.12(b)(3), after "the technical requirements in", omit "clause S5.3.11 or clause S5.3a.7" and substitute "schedule 5.3 or schedule 5.3a".

[13] Clause 5.3.12 Procedure to be followed for alterations to other connected plant

Omit clause 5.3.12(b)(4), and substitute:

- (4) except where the alteration:
 - (i) relates to *schedule 5.3a plant* that is subject to *transmission service* regulation under Chapter 6A; or

- (ii) will not affect the performance of the *plant* relative to any of the technical requirements in clause S5.3.11 or clause S5.3a7,

the proposed *system strength remediation scheme* or an election for the *system strength charge* to be payable in relation to the alteration.

[14] Clause 5.7.2 Right of testing

Omit clause 5.7.2(a), and substitute:

- (a) A *Registered Participant* or *Schedule 5 Participant*, who has reasonable grounds to believe that equipment owned or operated by a *Registered Participant* or *Schedule 5 Participant* may not comply with the *Rules* or an applicable *connection agreement*, may request testing or assessment of the relevant equipment by giving notice in writing to the other *Registered Participant* or *Schedule 5 Participant*.

[15] Clause 5.7.2 Right of testing

In clause 5.7.2(c) to (h), after "Registered Participant", insert "or *Schedule 5 Participant*" wherever occurring.

[16] Clause 5.7.2 Right of testing

In clause 5.7.2(i), after the first two occurrence of "*Registered Participant*", insert "or *Schedule 5 Participant* "

[17] Clause 5.7.2 Right of testing

In clause 5.7.2(e), after "*Registered Participants*", insert "or *Schedule 5 Participants*"

[18] Clause 5.7.2 Right of testing

In clause 5.7.2(i), after "AEMO (where paragraph (b))", omit "applied" and substitute "applies".

[19] Clause 5.7.3 Tests to demonstrate compliance with connection requirements for Generators and Integrated Resource Providers

In the heading, at the end of the text, omit "for Generators and Integrated Resource Providers".

[20] Clause 5.7.3 Tests to demonstrate compliance with connection requirements

Omit clause 5.7.3(a), excluding the Note, and substitute:

- (a) Each *Registered Participant* must, in accordance with any applicable time frames specified in rule 4.15, provide evidence to any relevant *Network Service Provider* with which that *Registered Participant* has a *connection agreement*, and to *AEMO*, that its *plant* complies with the relevant *connection agreement* including the *performance standards*.

[21] Clause 5.7.3 Tests to demonstrate compliance with connection requirements

Omit the text of clause 5.7.3(a1), and substitute:

- (a1) **[Deleted]**

[22] Clause 5.7.3 Tests to demonstrate compliance with connection requirements

Omit clause 5.7.3(c), and substitute:

- (c) If a test required by paragraph (a) demonstrates that a relevant *plant* does not comply with the relevant *connection agreement* or one or more of the *performance standards* then the *Registered Participant* must:
- (1) promptly notify the relevant *Network Service Provider* and *AEMO* of that fact; and
 - (2) promptly notify the *Network Service Provider* and *AEMO* of the remedial steps it proposes to take and the timetable for such remedial work; and
 - (3) diligently undertake such remedial work and report at monthly intervals to the *Network Service Provider* on progress in implementing the remedial action; and
 - (4) conduct further tests or monitoring on completion of the remedial work to confirm compliance with the relevant technical requirements or *performance standards* (as the case may be).

Note

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

[23] Clause 5.7.3 Tests to demonstrate compliance with connection requirements

Omit clause 5.7.3(d), excluding the Note, and substitute:

- (d) If *AEMO* reasonably believes that a *schedule 5.2 plant*, *schedule 5.3 plant* or *schedule 5.3a plant* does not meet the requirements of one or

more *performance standards* in respect of an *AEMO advisory matter*, *AEMO* may request the relevant *Schedule 5 Participant* to conduct tests to demonstrate compliance of the relevant *plant* and the *Schedule 5 Participant* must comply with that request within 25 *business days*.

[24] Clause 5.7.3 Tests to demonstrate compliance with connection requirements

Omit clause 5.7.3(e), and substitute:

- (e) If the tests undertaken in accordance with paragraph (d) provide evidence that the *plant* continues to meet the relevant requirements *AEMO* must reimburse the *Schedule 5 Participant* for the reasonable expenses incurred as a direct result of conducting the tests.

[25] Clause 5.7.3 Tests to demonstrate compliance with connection requirements

Omit clause 5.7.3(f), and substitute:

- (f) *AEMO* may give the *Schedule 5 Participant* a direction regarding the operation of its *plant* if *AEMO*:
 - (1) is satisfied that:
 - (i) a *Schedule 5 Participant's plant* does not meet the requirements of one or more *performance standards* for that system in respect of an *AEMO advisory matter*; or
 - (ii) the performance of a *Schedule 5 Participant's plant* is not adequately represented by the applicable analytical model provided under clause 5.7.6(h) or clause S5.2.4; and
 - (2) holds the reasonable opinion that the performance of the *plant*, or inadequacy of the applicable analytical model, is impeding or will impede *AEMO's* ability to carry out its role in relation to *power system security*.

[26] Clause 5.7.3 Tests to demonstrate compliance with connection requirements

After clause 5.7.3(f), insert:

- (f1) The direction given under paragraph (f) may require the *Schedule 5 Participant* to operate the *plant* at a particular level, pattern or profile of *active power* or in a particular mode until the *Schedule 5 Participant* submits evidence reasonably satisfactory to *AEMO* that the *plant* is complying with the relevant *performance standard* and performing substantially in accordance with the applicable analytical model.

- (f2) A *Schedule 5 Participant* must comply with a direction given by *AEMO* under paragraph (f).

[27] Clause 5.7.3 Tests to demonstrate compliance with connection requirements

Omit clause 5.7.3(g), and substitute:

- (g) Each *Registered Participant* or *Schedule 5 Participant* must maintain records for 7 years setting out details of the results of all technical performance and monitoring conducted on its *plant* under this clause 5.7.3 and make these records available to *AEMO* on request.

[28] Clause 5.8.1A Application of rule 5.8

After the heading of rule 5.8, insert:

5.8.1A Application of rule 5.8

In this rule 5.8:

Relevant Schedule 5 Participant means the *Schedule 5 Participant* for any new or replacement *schedule 5.2 plant*, *schedule 5.3 plant* or *schedule 5.3a plant* that has a *nameplate rating* greater than or equal to 30 MW or 30 MVA, except to the extent that *AEMO* determines that this rule 5.8 should not apply to that *plant*, having regard to the expected effect of the *plant* on *power system security* and after consulting with *Network Service Providers*.

[29] Clause 5.8.2 Co-ordination during commissioning

In clause 5.8.2, after "A *Registered Participant*", insert "or a Relevant Schedule 5 Participant".

[30] Clause 5.8.2 Co-ordination during commissioning

In clause 5.8.2(a), after "affect other *Registered Participants*", insert "or Relevant Schedule 5 Participants,".

[31] Clause 5.8.2 Co-ordination during commissioning

In clause 5.8.2(b), after "any other *Registered Participant's*", insert "or Relevant Schedule 5 Participant's".

[32] Clause 5.8.4 Commissioning program

In clause 5.8.4(a), after "by a *Registered Participant*", insert "or a Relevant Schedule 5 Participant".

[33] Clause 5.8.4 Commissioning program

In clause 5.8.4(c), after "the *Registered Participant*", insert "or the Relevant Schedule 5 Participant (as applicable)".

[34] Clause 5.8.4 Commissioning program

In clause 5.8.4(e), after "A *Registered Participant*", insert "or a Relevant Schedule 5 Participant".

[35] Clause 5.8.5 Commissioning tests

In clause 5.8.5, after "*Registered Participant*", insert "or the Relevant Schedule 5 Participant" wherever occurring.

[36] Clause 5.8.5 Commissioning tests

In clause 5.8.5(e), after "of the *Registered Participant's*", insert "or the Relevant Schedule 5 Participant's".

[37] Clause S5.1a.8 Fault clearance times

In clause S5.1a.8, omit "primary *protection system*" and substitute "*primary protection system*" wherever occurring.

[38] Clause S5.1a.8 Fault clearance times

In clause S5.1a.8(d), omit "back-up *protection system*" and substitute "*back-up protection system*".

[39] Clause S5.1.9 Protection systems and fault clearance times

In clause S5.1.9, omit "primary *protection system*" and substitute "*primary protection system*" wherever occurring.

[40] Clause S5.1.9 Protection systems and fault clearance times

In clause S5.1.9, omit "back-up *protection system*" and substitute "*back-up protection system*" wherever occurring.

[41] Clause S5.2.4 Provision of information

After clause S5.2.4(e1)(1B), insert:

- (1BA) a list, to be prepared in consultation with *AEMO*, of *non-credible contingency events* that are likely to be reclassified as *credible contingency events* under clause

4.2.3A in reasonably anticipated *abnormal conditions*, and are likely to cause a significant disturbance at the *schedule 5.2 plant's connection point*;

[42] Clause S5.2.5.5 Disturbance ride-through capability

Omit the unnumbered paragraph starting with "and".

[43] Clause S5.2.5.5 Disturbance ride-through capability

In clause S5.2.5.5(c)(1), after "a *credible contingency event*", insert ", subject to paragraph (u)".

[44] Clause S5.2.5.5 Disturbance ride-through capability

In clause S5.2.5.5, omit "primary *protection systems*" and substitute "*primary protection systems*" wherever occurring.

[45] Clause S5.2.5.5 Disturbance ride-through capability

In clause S5.2.5.5(d)(3), at the end of the text, omit "back-up *protection system*" and substitute "*back-up protection system*".

[46] Clause S5.2.5.5 Disturbance ride-through capability

In clause S5.2.5.5(k)(1), at the start of the text, after "a *credible contingency event*", insert ", subject to paragraph (u)".

[47] Clause S5.2.5.5 Disturbance ride-through capability

In clause S5.2.5.5(s), at the end of the text, insert "or *abnormal conditions*".

[48] Clause S5.2.5.5 Disturbance ride-through capability

Omit clause S5.2.5.5(u) and substitute

- (u) *A credible contingency event* includes:
 - (1) for the purposes of both paragraphs (c) and (k), all *credible contingency events* used by the *Network Service Provider* for the purposes of clause S5.1.2.1; and
 - (2) for the purposes of paragraph (c) only, *non-credible contingency events* that are likely to be reclassified as *credible contingency events* under clause 4.2.3A, which have been identified by the *Network Service Provider* under subparagraph S5.2.4(e1)(1BA).

[49] Clause S5.2.5.9 Protection systems that impact on power system security

In clause S5.2.5.9, omit "primary *protection systems*" and substitute "*primary protection systems*" wherever occurring.

[50] Clause S5.2.5.9 Protection systems that impact on power system security

In clause S5.2.5.9, omit "primary *protection system*" and substitute "*primary protection system*" wherever occurring.

[51] Clause S5.3.1 Information

After clause S5.3.1(a1)(2), insert:

- (2A) to *AEMO* and the relevant *Network Service Provider(s)*, information about the capability of the equipment to remain *connected* to the *power system* and continue operating during and after one or more *frequency* or voltage disturbances, as requested by the relevant *Network Service Provider* following consultation with *AEMO*;

[52] Clause S5.3.1a Application of the schedule

In clause S5.3.1a(a1), after "This schedule applies", insert " in the following way".

[53] Clause S5.3.1a Application of the schedule

In clause S5.3.1a(a1), omit "one of the following" and substitute "the *Connection Applicant* or the party to a *connection agreement* with the *Network Service Provider* in respect of the *schedule 5.3 plant*".

[54] Clause S5.3.1a Application of the schedule

In clause S5.3.1a(a1)(1), omit "the *Connection Applicant* or the party to a *connection agreement* with the *Network Service Provider* in respect of a *schedule 5.3 plant*, who" and substitute "this schedule applies in its entirety if the *Schedule 5.3 Participant*".

[55] Clause S5.3.1a Application of the schedule

Omit clause S5.3.1a(a1)(2), and substitute:

- (2) where paragraph (1) does not apply:
 - (i) if the *schedule 5.3 plant* is a *large inverter based load* with a *nameplate rating* of 100MW or greater (**Tier 3 connection**), this schedule applies in its entirety;

- (ii) if the *schedule 5.3 plant* is a *large inverter based load* with a *nameplate rating* of at least 30MW but less than 100MW (**Tier 2 connection**):
 - (A) clauses S5.3.11, S5.3.12, S5.3.13 and S5.3.14 only apply to the *Schedule 5.3 Participant* in respect of *schedule 5.3 plant* that includes any *inverter based resource* to the extent that the *Network Service Provider* considers appropriate, having regard to the expected impact of the *connection* on the quality and security of *network services* to other *Network Users*;
 - (B) this schedule otherwise only applies to the *Schedule 5.3 Participant* to the extent that the *Network Service Provider* considers that the *connection* or operation of the *schedule 5.3 plant* would otherwise adversely affect the quality and security of *network services* to other *Network Users*.
- (iii) for all other connections of *schedule 5.3 plant* to which paragraphs (i) and (ii) do not apply (**Tier 1 connection**):
 - (A) clause S5.3.11 does not apply;
 - (B) clauses S5.3.12 and S5.3.13 only apply to the *Schedule 5.3 Participant* in respect of *schedule 5.3 plant* that includes any *inverter based resource* to the extent that the *Network Service Provider* considers appropriate, having regard to the expected aggregate impact of all Tier 1 connections on its *network* on the quality and security of *network services* to other *Network Users*; and
 - (C) this schedule otherwise only applies to the *Schedule 5.3 Participant* to the extent that the *Network Service Provider* considers that the *connection* or operation of the *schedule 5.3 plant* would otherwise adversely affect the quality and security of *network services* to other *Network Users*.

[56] Clause S5.3.3 Protection systems and settings

After the unnumbered paragraph starting with "A Schedule 5.3. Participant must ensure", insert:

Automatic access standard

[57] Clause S5.3.3 Protection systems and settings

In clause S5.3.3(a), omit "primary *protection system*" and substitute "*primary protection system*" wherever occurring.

[58] Clause S5.3.3 Protection systems and settings

In clause S5.3.3(a)(1), omit "Primary *protection systems*" and substitute "*Primary protection systems*".

[59] Clause S5.3.3 Protection systems and settings

After clause S5.3.3(a)(3), insert:

Minimum access standard

[60] Clause S5.3.3 Protection systems and settings

In clause S5.3.3(b)(1), omit "Primary *protection systems*" and substitute "*Primary protection systems*"

[61] Clause S5.3.3 Protection systems and settings

In clause S5.3.3(b)(2), omit "primary *protection systems*" and substitute "*primary protection systems*"

[62] Clause S5.3.3 Protection systems and settings

After clause S5.3.3(b)(2), insert:

General requirements

[63] Clause S5.3.3 Protection systems and settings

In clause S5.3.3(c), at the start of the text, omit "Network Service Provider", insert "*Network Service Provider*".

[64] Clause S5.3.3 Protection systems and settings

Omit the two paragraphs following clause S5.3.3(c)(3) and substitute:

- (d) Before the *schedule 5.3 plant* is connected to the *Network Service Provider's transmission system* or *distribution system* its *protection system* must be tested and the *Schedule 5.3 Participant* must submit the appropriate test certificate to the *Network Service Provider*.
- (e) The application of settings of the *protection system* must be undertaken in accordance with clause S5.3.4.

- (f) For an *inverter based load*, vector shift protection or similar protective functions must not operate for phase shifts less than 20 degrees.
- (g) For an *inverter based load*, *protection systems* must not operate based solely on the number of faults or disturbances that occur during a period of time.

[65] Clause S5.3.10 Load shedding facilities

Omit clause S5.3.10, and substitute:

- (a) This clause S5.3.10 applies to *Schedule 5.3 Participants* who have expected peak demands in excess of 10MW.

Automatic access standard

- (b) The *automatic access standard* is a *schedule 5 plant* must provide automatic *interruptible load* in accordance with clause 4.3.5 of the *Rules* which must be capable of:
 - (1) being *disconnected*; and
 - (2) fast reduction of *active power* consumption.

Minimum access standard

- (c) The *minimum access standard* is a *schedule 5.3 plant* must provide automatic *interruptible load* in accordance with clause 4.3.5 of the *Rules*, which must be capable of being *disconnected*.

General requirements

- (d) The *performance standards* must record the nature of the *load shedding* capability provided as *interruptible load* under this clause S5.3.10, including any quantities of *active power* available for fast reduction and the corresponding rates of reduction.
- (e) *Load shedding procedures* may be applied by *AEMO*, or *EFCS settings schedules* may be determined, in accordance with the provisions of clause 4.3.2 of the *Rules* for the shedding of all *loads* including *sensitive loads*.

[66] Clause S5.3.11 Short circuit ratio

Omit clause S5.3.11(a), and substitute:

- (a) This clause S5.3.11 applies only to *schedule 5.3 plant* that includes an *inverter based load*.

[67] Clause S5.3.11 Short circuit ratio

In clause S5.3.11(b), after "short circuit ratio of 3.0,", insert "or a reasonable higher value agreed with the *Network Service Provider* and *AEMO* having regard to expected *three phase fault levels* at the *connection point*,".

[68] Clause S5.3.11 Short circuit ratio

In clause S5.3.11(c)(1), omit "minimum of 3.0" and substitute "lower of the value determined under paragraph (b)".

[69] Clause S5.3.12 Response to frequency disturbances

After clause S5.3.11, insert new clauses:

S5.3.12 Response to frequency disturbances

- (a) This clause S5.3.12 applies to *schedule 5.3 plant* only to the extent that it includes *inverter based load* and only in respect of that *inverter based load*.
- (b) In this clause S5.3.12:
 - (1) *normal operating frequency band*, *operational frequency tolerance band*, or *extreme frequency excursion tolerance limits* refer to the widest range specified for those terms for any condition (including an "island" condition) in the *frequency operating standards* that apply to the *region* in which the *schedule 5.3 plant* is located; and
 - (2) **stabilisation time** and **recovery time** refer to the longest times allowable for the *frequency* of the *power system* to remain outside the *operational frequency tolerance band* and the *normal operating frequency band*, respectively, for any condition (including an "island" condition) in the *frequency operating standards* that apply to the *region* in which the *schedule 5.3 plant* is located.

Automatic access standard

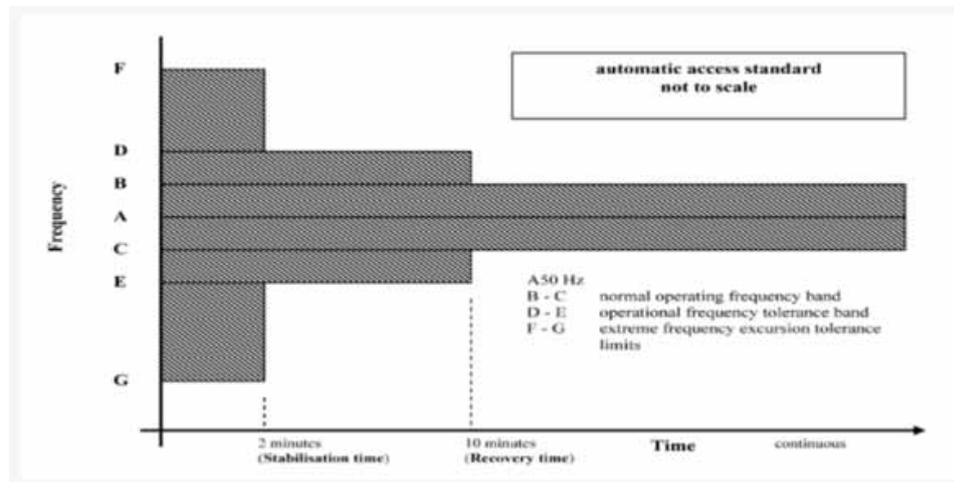
- (c) The *automatic access standard* is a *schedule 5.3 plant* must not *disconnect* from the *power system* for *frequencies* in the following ranges:
 - (1) the lower bound of the *extreme frequency excursion tolerance limits* to the lower bound of the *operational frequency tolerance band* for at least the stabilisation time;
 - (2) the lower bound of the *operational frequency tolerance band* to the lower bound of the *normal operating frequency band*, for at least the recovery time including any time spent in the range under subparagraph (1);

- (3) the *normal operating frequency band* for an indefinite period;
- (4) the upper bound of the *normal operating frequency band* to the upper bound of the *operational frequency tolerance band*, for at least the recovery time including any time spent in the range under subparagraph (5); and
- (5) the upper bound of the *operational frequency tolerance band* to the upper bound of the *extreme frequency excursion tolerance limits* for at least the stabilisation time,

unless the rate of change of *frequency* is outside the range of -4 Hz to 4 Hz per second for more than 0.25 seconds, -3 Hz to 3 Hz per second for more than one second, or such other range as determined by the *Reliability Panel* from time to time.

Note:

The *automatic access standard* is illustrated in the following diagram. To the extent of any inconsistency between the diagram and paragraph (c), paragraph (c) prevails.



Negotiated access standard

- (d) A proposed *negotiated access standard* may be accepted if *AEMO* and the *Network Service Provider* consider that tripping of part or all of the *schedule 5.3 plant* in accordance with the *negotiated access standard* is unlikely to result in a *power system frequency* outside the limits of the *operational frequency tolerance band*.

Note

This assessment may consider the effects of tripping of the *schedule 5.3 plant* itself and consequential tripping of other equipment due to under-frequency, over-frequency, rate of change of frequency, three phase fault levels or other resulting power system conditions.

S5.3.13 Response to voltage disturbances

- (a) This clause S5.3.13 applies to *schedule 5.3 plant* only to the extent that it includes *inverter based load* and only in respect of that *inverted based load*.

- (b) In this clause S5.3.13:
- (1) **rated current** means the largest continuous current that a *schedule 5.3 plant* is designed to consume at the *connection point* as may be specified in the *Power System Design Data Sheet*;
 - (2) references to **voltage** are to root mean square *power system frequency voltage* at the *connection point* measured as either phase to phase or phase to ground, expressed as a percentage of the *nominal voltage* or its phase to neutral equivalent, as relevant to the disturbance;
 - (3) **voltage disturbance** refers to a variation in voltage outside the range of between 90% and 110% of *nominal voltage*, where:
 - (i) **T(start)** refers to the start of a voltage disturbance, being the point in time when the voltage first varies above 110% of *nominal voltage* or below 90% of *nominal voltage*; and
 - (ii) **T(end)** refers to the end of a voltage disturbance, being the point in time when the voltage initially recovers to between 90% and 110% of *nominal voltage*, provided the voltage then remains within that range for at least 20 milliseconds;
 - (iii) the **duration** of a voltage disturbance is the time between T(start) and T(end);
 - (iv) the **overvoltage percentage** is the difference between the voltage and the *nominal voltage*, expressed as a percentage of the *nominal voltage*; and
 - (v) the **undervoltage percentage** is the difference between the *nominal voltage* and the voltage, expressed as a percentage of the *nominal voltage*.

Automatic access standard

- (c) The *automatic access standard* is, subject to paragraph (e), a *schedule 5.3 plant* must respond in the following manner where a *power system* disturbance external to the *plant* causes the voltage on one or more phases at the *connection point* to vary within the following ranges:
- (1) where the voltage is over 110% up to and including 130% of *nominal voltage*:
 - (i) during the voltage disturbance, the *schedule 5.3 plant* must not *disconnect* from the rest of the *power system* for at least the specified duration set out in paragraph (d);
 - (ii) during the voltage disturbance, the *schedule 5.3 plant's active power* consumption must not increase or decrease

- by more than the overvoltage percentage, relative to its pre-voltage disturbance *active power*, for at least the specified duration set out in paragraph (d); and
- (iii) where the duration of the voltage disturbance is equal to or less than the specified duration set out in paragraph (d), the *schedule 5.3 plant's active power* consumption must return to between 90% and 110% of its pre-voltage disturbance *active power* within 500 milliseconds after T(end);
- (2) where the voltage is between 90% and 110% of *nominal voltage*, during disturbance:
- (i) the *schedule 5.3 plant* must not *disconnect*; and
 - (ii) the *schedule 5.3 plant's*:
 - (A) *active power* consumption must not increase or decrease by more than 10%, relative to its pre-disturbance *active power*; and
 - (B) current must not increase from its pre-disturbance current by more than 20% of its rated current;
- (3) where the voltage is below 90% down to and including 70% of *nominal voltage*:
- (i) during the voltage disturbance, the *schedule 5.3 plant* must not *disconnect* for at least the specified duration set out in paragraph (d);
 - (ii) during the voltage disturbance, the *schedule 5.3 plant's*:
 - (A) *active power* consumption must not increase by more than 10% or decrease by more than the undervoltage percentage, relative to its pre-voltage disturbance *active power*; and
 - (B) current must not increase from its pre-voltage disturbance current by more than 20% of its rated current,for at least the specified duration set out in paragraph (d); and
 - (iii) where the duration of the voltage disturbance is equal to or less than the specified duration set out in paragraph (d), the *schedule 5.3 plant's active power* consumption must return to between 90% and 110% of its pre-voltage disturbance *active power* within 500 milliseconds after T(end); and
- (4) where the voltage is below 70% of *nominal voltage*:

- (i) during the voltage disturbance, the *schedule 5.3 plant's*:
 - (A) *active power* consumption must not increase by more than 10%, relative to its pre-voltage disturbance *active power*; and
 - (B) current must not increase from its pre-voltage disturbance current by more than 20% of its rated current,

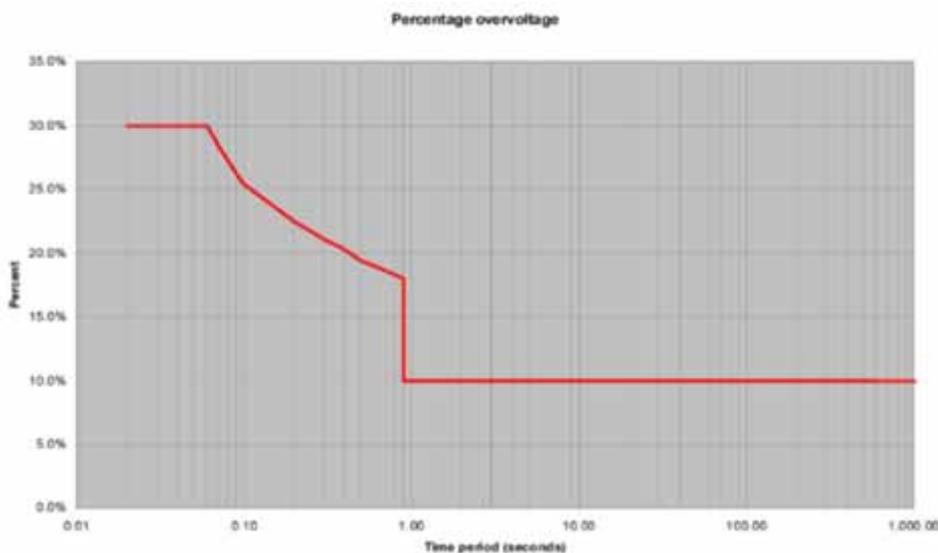
for at least the specified duration set out in paragraph (d); and

- (ii) where the duration of the voltage disturbance is equal to or less than the specified duration set out in paragraph (d), the *schedule 5.3 plant's active power* consumption must return to between 90% and 110% of its pre-voltage disturbance *active power* within 500 milliseconds after T(end).

- (d) For the purposes of paragraph (c), the specified duration of a voltage disturbance is as set out in the following table.

Voltage as a percentage of <i>nominal voltage</i>	Voltage disturbance duration
Over 110% up to and including 130%	Per Figure S5.1a.1 in clause S5.1a.4
Below 90% down to and including 80%	10 seconds
Below 80% down to and including 70%	2 seconds
Below 70% down to and including 0%	240 milliseconds

Figure 5.1a.1



- (e) A *schedule 5.3 plant* is not required to meet the requirements set out in paragraph (c) to the extent that it is prevented from doing so by changed *power system* conditions beyond the *Schedule 5.3 Participant's* reasonable control.

Minimum access standard

- (f) The *minimum access standard* is the requirements set out in paragraph (g), or such lower level of performance as may be agreed by the *Network Service Provider* and *AEMO*, having regard to:

- (1) the technical characteristics of the *schedule 5.3 plant*;
- (2) the expected impact of a *credible contingency event* on the voltage at the *connection point*;
- (3) the expected impact of the *disconnection* of the *schedule 5.3 plant* on the *power system*;
- (4) the expected impact on the *power system* of the behaviour of the *schedule 5.3 plant* following a voltage disturbance; and
- (5) any other relevant factors.

- (g) Subject to paragraph (h), a *schedule 5.3 plant* must respond in the following manner where a *power system* disturbance external to the *plant* causes the voltage on one or more phases at the *connection point* to vary within the following ranges:

- (1) where the voltage is between 90% and 110% of *nominal voltage*, during the disturbance:
 - (i) the *schedule 5.3 plant* must not *disconnect*; and
 - (ii) the *schedule 5.3 plant's*:
 - (A) *active power* consumption must not increase or decrease by more than 10%, relative to its pre-voltage disturbance *active power*; and
 - (B) current must not increase by more than 20% of its rated current, relative to its pre-voltage disturbance current,

provided that the ratio of voltage to *frequency* (as measured at the *connection point* and expressed as a percentage of *nominal voltage* and a percentage of 50Hz) does not exceed:

- (iii) a value of 1.15 for more than 2 minutes; or
- (iv) a value of 1.10 for more than 10 minutes;

- (2) where the voltage is below 90% down to and including 70% of *nominal voltage*:
 - (i) the *schedule 5.3 plant* must not *disconnect* for at least 140 milliseconds from T(start);
 - (ii) during the voltage disturbance, the *schedule 5.3 plant's*:
 - (A) *active power* consumption must not increase by more than 10% or decrease by more than the undervoltage percentage, relative to its pre-voltage disturbance *active power*; and
 - (B) current must not increase by more than 20% of the rated current, relative to its pre-voltage disturbance current,
for at least 140 milliseconds from T(start); and
 - (iii) where the duration of the voltage disturbance is equal to or less than 140 milliseconds from T(start), the *schedule 5.3 plant's active power* consumption must return to between 90% and 110% of its pre-voltage disturbance *active power* within 1 second after T(end); and
- (3) where the voltage is below 70% of *nominal voltage*:
 - (i) during the voltage disturbance, the *schedule 5.3 plant's*:
 - (A) *active power* consumption must not increase by more than 10%, relative to its pre-voltage disturbance *active power*; and
 - (B) current must not increase by more than 20% of the rated current, relative to its pre-voltage disturbance current,
for at least 140 milliseconds from T(start); and
 - (ii) where the duration of the voltage disturbance is equal to or less than 140 milliseconds from T(start), the *schedule 5.3 plant's active power* consumption must return to between 90% and 110% of its pre-voltage disturbance *active power* within 1 second after T(end).
- (h) A *schedule 5.3 plant* is not required to meet the requirements set out in paragraph (g) to the extent that it is prevented from doing so by changed *power system* conditions beyond the *Schedule 5.3 Participant's* reasonable control.

Negotiated access standard

- (i) If the *nominal voltage* at the *connection point* is less than 66 kV with no automatic *tap-changing transformer* between the *schedule 5.3*

plant and the *connection point*, the *Network Service Provider* and *AEMO* may agree to measure voltage variations under this clause at a specified point other than the *connection point*, being the electrically closest location with a *nominal voltage* of 66 kV or above.

- (j) In carrying out assessments of proposed *negotiated access standards* under this clause, *AEMO* and the *Network Service Provider* must at a minimum, in addition to the requirements of clauses 5.3.4A(d1) and 5.3.4A(g) respectively, take into account:
 - (1) the expected performance of existing *networks* and *considered projects*; and
 - (2) the expected performance of existing *schedule 5.3 plant* and other relevant projects.

S5.3.14 Instability monitoring and detection

- (a) This clause S5.3.14 only applies where:
 - (1) the *schedule 5.3 plant* includes a *large inverter based resource*; and
 - (2) the *Network Service Provider* or *AEMO* considers the operation of the *large inverter based resource* could reasonably contribute to instability in voltage, *reactive power* or *active power* at any of its *connection points*.
- (b) In this clause S5.3.14, references to a *schedule 5.3 plant* include all such *plant* that is operated as a single integrated facility, even where different components of that facility are *connected* at separate *connection points*.

Automatic access standard

- (c) The *automatic access standard* is a *schedule 5.3 plant* must:
 - (1) have *facilities* to detect instability in voltage, *reactive power* and *active power* at a *connection point*; and
 - (2) have *facilities* capable of *disconnecting* the *schedule 5.3 plant* for unstable behaviour, with configurable enablement conditions and settings agreed with the *Network Service Provider* and *AEMO*; and
 - (3) on detection of instability, promptly execute a hierarchy of actions based on configurable trigger conditions, thresholds and timeframes agreed with the *Network Service Provider* and *AEMO* and recorded in the *performance standards*; and
 - (4) if the *schedule 5.3 plant* is a *large inverter based load* with a *nameplate rating* of 100MW or greater, have:

- (i) access to a phasor measurement unit with capability to send data for the *schedule 5.3 plant* to *AEMO* and the *Network Service Provider*; and
- (ii) the capability to receive information from *AEMO* relating to the *schedule 5.3 plant's* contribution to instability, when available, in a form nominated by *AEMO*.

Minimum access standard

- (d) The *minimum access standard* is:
 - (1) a *schedule 5.3 plant* that, under normal or planned *outage* conditions of the *power system*, can change the voltage at a *connection point* by more than 1% from the voltage with the *plant* not electrically *connected*, must have:
 - (i) *facilities* to detect instability in voltage, *reactive power* and *active power* at a *connection point*; and
 - (ii) a process to manage instability at a *connection point* promptly on detection, in a manner agreed with the *Network Service Provider* and *AEMO* and recorded in the *performance standards*;
 - (2) a *schedule 5.3 plant* that is a *large inverter based load* with a *nameplate rating* of 100MW or greater must have:
 - (i) if required by the *Network Service Provider* or *AEMO*, access to a phasor measurement unit with the capability to send data for the *schedule 5.3 plant* to *AEMO* and the *Network Service Provider*; and
 - (ii) if required by *AEMO*, the capability to receive information from *AEMO* relating to the *schedule 5.3 plant's* contribution to instability, when available, in a form nominated by *AEMO*.

General requirements

- (e) A *schedule 5.3 plant* must have *plant capabilities* and *control systems* sufficient to ensure that operation of the *schedule 5.3 plant* does not cause, exacerbate or contribute to instability (including hunting of *tap-changing transformer control systems*) that would adversely impact other *Network Users*.
- (f) The hierarchy of actions under paragraph (c)(3) or process under paragraph (d)(1)(ii) must prioritise measures to eliminate the instability over *disconnecting* the *plant*.
- (g) Requirements and capabilities referable to instability are to be determined having regard to the *power system* stability guidelines *published* under clause 4.3.4(h).

- (h) If required by the *Network Service Provider* or *AEMO*, a *schedule 5.3 plant* must have operational arrangements and capabilities to satisfy the requirements of paragraph (e) as specified in the *power system stability guidelines published* under clause 4.3.4(h).
- (i) If required by the *Network Service Provider* or *AEMO*, a *schedule 5.3 plant* must have the capability to communicate information from its detection system to their respective *control centres*.
- (j) If required by the *Network Service Provider*, a *schedule 5.3 plant* must have the capability to receive a remote tripping signal from the *Network Service Provider*.

[70] Clause S5.3a.6 Protection systems and settings

In clause S5.3a.6(a)(1), omit "primary *protection systems*" and substitute "*primary protection systems*".

[71] Clause S5.3a.6 Protection systems and settings

In clause S5.3a.6(a), omit "primary *protection system*" and substitute "*primary protection system*" wherever occurring.

[72] Clause S5.3a.6 Protection systems and settings

In clause S5.3a.6(b)(1), omit "primary *protection systems*" and substitute "*primary protection systems*".

[73] Clause S5.3a.6 Protection systems and settings

In clause S5.3a.6(b)(2), omit "primary *protection system*" and substitute "*primary protection system*".

[74] Clause S5.3a.6 Protection systems and settings

In clause S5.3a.6(e), omit "protection scheme" and substitute, "*protection system*".

[75] Clause S5.3a.7 Short circuit ratio

In clause S5.3a.7(b), at the end of the text, insert ", and subject to paragraph (e)".

[76] Clause S5.3a.7 Short circuit ratio

After clause S5.3a.7(d), insert:

- (e) If the *plant* is not otherwise capable of meeting the *minimum access standard*, the *Schedule 5.3a Participant* may, if agreed by *AEMO*, the *Network Service Provider* and the *System Strength Service Provider*, achieve compliance by demonstrating it has:

- (1) in accordance with paragraph (f), legally binding commitments to make additional investment in its *plant* or for the supply to it of services to remedy, at its cost, the shortfall in capability, either on *connection* or in agreed circumstances (such as the occurrence of an event that results in a change to the *three phase fault level* at the *connection point*); together with
 - (2) operational arrangements agreed with the *Network Service Provider* that apply when the investment or services referred to in subparagraph (1) have not yet been made or are not available.
- (f) For paragraph (e)(1), the *Schedule 5.3a Participant* may:
- (1) reach agreement with the *Network Service Provider* for the *Schedule 5.3a Participant* to undertake investment in its *plant* to achieve *plant* capability sufficient to operate stably and remain *connected* at a *short circuit ratio* of 3.0; or
 - (2) procure from the *Network Service Provider*, the *System Strength Service Provider* or another *Registered Participant*, services to enable the *plant* to operate stably and remain connected at a *short circuit ratio* of 3.0 but calculated using a *three phase fault level* at the *connection point* that excludes any contribution from the facilities providing the service.

[77] Clause S5.5.6A Bidirectional units smaller than 5MW data

In the heading, after "Bidirectional units smaller than", omit "5" and substitute "30".

[78] Clause S5.5.6A Bidirectional units smaller than 30MW data

In clause S5.5.6A, omit "5" and substitute "30" wherever occurring.

[79] Chapter 10 Glossary

In the definition of "AEMO advisory matter", omit "S5.1.9, S5.2.5.1, S5.2.5.3 to S5.2.5.5, S5.2.5.7 to S5.2.5.15, S5.2.6.1, S5.2.6.2, S5.3.5, S5.3.11, S5.3a.4.1, S5.3a.4.2, S5.3a.7, S5.3a.8 and S5.3a.13 to S5.3a.16.", and substitute "S5.1.9, S5.2.5.1, S5.2.5.3 to S5.2.5.5, S5.2.5.5A, S5.2.5.7 to S5.2.5.15, S5.2.6.1, S5.2.6.2, S5.3.5, S5.3.11, S5.3.12, S5.3.13, S5.3.14, S5.3a.4.1, S5.3a.4.2, S5.3a.7, S5.3a.8 and S5.3a.13 to S5.3a.16."

[80] Chapter 10 Glossary

Omit the definition of "inverter based load", and substitute:

inverter based load

Plant (other than a production unit) that is supplied by power electronics, including inverters, converters and rectifiers, and potentially susceptible to power electronic control instability.

[81] Chapter 10 Glossary

Omit the definition of "large inverter based resource", and substitute:

large inverter based resource

An inverter based resource that is either of the following:

- (a) *an asynchronous production unit classified as a large inverter based resource applying criteria specified in the system strength impact assessment guidelines; or*
- (b) *a large inverter based load.*

[82] Chapter 10 Glossary

In Chapter 10, insert the following definitions in alphabetical order:

back-up protection system

A protection system that is designed to operate when the relevant primary protection(s) fail to clear a fault in the applicable fault clearance time.

large inverter based load

An inverter based load with a nameplate rating of 30MW or greater.

primary protection system

A protection system that is designed to be the initial response to a fault.

Schedule 2 Amendment to the National Electricity Rules

(Clause 4)

[1] Rule 11.[xxx] Rules consequential on making of the National Electricity Amendment (Improving the NEM Access Standards – Package 2) Rule 2026

After 11.XXX, insert:

11.[xxx] Rules consequential on making of the National Electricity Amendment (Improving the NEM Access Standards – Package 2) Rule 2026

11.[XXX].1 Definitions

For the purposes of this rule 11.XXX:

Agreed Standard means a *negotiated access standard* that has been negotiated and agreed by the *Network Service Provider* in accordance with clause 5.3.4A and applying the old access standards, and is capable of forming part of the terms and conditions of a *connection agreement* as the *performance standard* applicable to the *plant* for the relevant technical requirement.

Amending Rule means the *National Electricity Amendment (Improving the NEM Access Standards - Package 2) Rule 2026*.

commencement date means [date], being the date on which the Amending Rule commences operation.

Conditional Standard means a standard of performance that is agreed subject to certain conditions being satisfied.

Existing Application to Connect has the meaning given in clause 11.[XXX].3(a).

Existing Connection Agreement means a *connection agreement* entered into before the commencement date.

Existing Connection Enquiry has the meaning given in clause 11.[XXX].2(a).

new access standards means the technical connection requirements for *schedule 5.3 plant* set out in Schedule 5.3, including the applicable requirements for an *automatic access standard*, *minimum access standard* or *negotiated access standard*, as in force immediately after the commencement date.

old access standards means the technical connection requirements for *schedule 5.3 plant* set out in Schedule 5.3, including the applicable requirements for an *automatic access standard*, *minimum access standard*

or *negotiated access standard*, as in force immediately prior to the commencement date.

transitional date means [6 months after the commencement date]

1.[XXX].2 Application of the Amending Rule to Existing Connection Enquiries

- (a) This clause 11.[XXX].2 applies where, before the commencement date, a *Connection Applicant* has, in respect of a *schedule 5.3 plant* that the *Connection Applicant* proposes to *connect*:
 - (1) made a valid *connection* enquiry in accordance with clause 5.3.2 or 5.3A.5 (**Existing Connection Enquiry**); and
 - (2) not made an *application to connect* to a *Network Service Provider* under clause 5.3.4 or 5.3A.9.
- (b) On and from the commencement date:
 - (1) the new access standards apply to the *schedule 5.3 plant* that the *Connection Applicant* proposes to *connect*; and
 - (2) the Existing Connection Enquiry will be taken to be a valid *connection* enquiry with respect to the *schedule 5.3 plant*.
- (c) Within 10 *business days* after the commencement date, the *Network Service Provider* must provide written notification to a *Connection Applicant* to which this clause 11.[XXX].2 applies that the new access standards will apply to the *schedule 5.3 plant*.
- (d) If the *Network Service Provider* has provided details of the technical requirements relevant to the proposed *schedule 5.3 plant* under the old access standards prior to the commencement date, the *Network Service Provider* must provide the *Connection Applicant* with written details of the relevant technical requirements under the new access standards.
- (e) The time for the *Network Service Provider* to provide the *Connection Applicant* with:
 - (1) written details of the relevant technical requirements under clause 5.3.3(b1) is extended to 30 *business days* from the commencement date;
 - (2) a *preliminary response* under clause 5.3A.7 is extended to 15 *business days* from the commencement date; and
 - (3) a *detailed response* under clause 5.3A.8 is extended to 30 *business days* from the commencement date.
- (f) Where the *Network Service Provider* has charged the *Connection Applicant* any fees or charges with respect to an Existing Connection Enquiry, the *Network Service Provider* must not charge the

Connection Applicant any additional fees or charges on or from the commencement date with respect to such Existing Connection Enquiry, except to the extent necessary to cover the reasonable costs of work required to provide any relevant information under paragraph (d). For the avoidance of doubt, this clause does not preclude a *Network Service Provider* recovering an application fee from the *Connection Applicant* under clauses 5.3.4(b) and 5.3A.9.

11.[XXX].3 Application of the Amending Rule to Existing Application to Connect

- (a) This clause 11.[XXX].3 applies where, before the commencement date, a *Connection Applicant* has, in respect of a *schedule 5.3 plant* that the *Connection Applicant* proposes to *connect*:
 - (1) made a valid *application to connect* (**Existing Application to Connect**); and
 - (2) not yet received an offer to *connect* under clause 5.3.6 or 5.3A.10.
- (b) Subject to paragraph (f), on and from the commencement date:
 - (1) the new access standards apply to the *schedule 5.3 plant* that the *Connection Applicant* proposes to *connect*;
 - (2) the Existing Application to Connect will be taken to be a valid *application to connect* with respect to the *schedule 5.3 plant*.

Application of new access standards

- (c) No later than 10 *business days* after the commencement date, if the *Connection Applicant* has not given notice of an election under paragraph (f) by that date, the *Network Service Provider* must provide written notification to the *Connection Applicant* that the new access standards will apply to the *schedule 5.3 plant*.
- (d) No later than 30 *business days* after the commencement date, if the *Connection Applicant* has not given notice of an election under paragraph (f) by that date, the *Network Service Provider* must provide the *Connection Applicant* with written details of:
 - (1) the relevant technical requirements under the new access standards; and
 - (2) any further information or data that the *Connection Applicant* needs to provide to the *Network Service Provider*.
- (e) Where the new access standards are to apply:
 - (1) the *Network Service Provider* may extend the time period referred to in clause 5.3.6(a) to reasonably allow for any additional time taken in excess of the period allowed in the

preliminary program that is necessary to take account of the differences between the old access standards and the new access standards; and

- (2) where the *Network Service Provider* has charged the *Connection Applicant* any fees or charges with respect to the Existing Application to Connect, the *Network Service Provider* must not charge the *Connection Applicant* any additional fees or charges on or from the commencement date with respect to the Existing Application to Connect, except to the extent necessary to cover the reasonable costs of work required to notify the *Connection Applicant* and provide any relevant information under paragraph (d).

Election to apply old access standards

- (f) Despite paragraph (b) and notwithstanding any notification that may have been given under paragraph (c) or (d), a *Connection Applicant* to which this clause 11.[XXX].3 applies may, until the transitional date, elect to continue negotiating *performance standards* for the *schedule 5.3 plant* in accordance with the old access standards. A *Connection Applicant* that has made an election under this paragraph:
 - (1) must notify the *Network Service Provider* of its election as soon as reasonably practicable; and
 - (2) may withdraw its election at any time by giving notice to the *Network Service Provider*.
- (g) Where, subject to paragraph (h), on or before the transitional date, all standards of performance relevant to the plant are either Agreed Standards or Conditional Standards in the reasonable opinion of the *Network Service Provider* (consulting with *AEMO* in respect of any *AEMO advisory matter*), the *Network Service Provider* must:
 - (1) within 10 *business days* after receiving a written request from the *Connection Applicant*, provide written confirmation to the *Connection Applicant*:
 - (i) that all standards of performance relevant to the *schedule 5.3 plant* are either Agreed Standards or Conditional Standards; and
 - (ii) identifying any standards of performance that are Conditional Standards, including any applicable conditions and the date for satisfaction of those conditions; and
 - (2) otherwise, use its reasonable endeavours to provide, within 10 *business days* after the transitional date, the written confirmation at subparagraphs (g)(1)(i) and (g)(1)(ii) to the relevant *Connection Applicant*.

- (h) Where:
- (1) on the transitional date there are any standards of performance relevant to the *schedule 5.3 plant* are neither Agreed Standards nor Conditional Standards; or
 - (2) a condition for satisfaction of a Conditional Standard is not satisfied by the relevant date for satisfaction,
then on and from the transitional date or the date on which the relevant condition was required to be satisfied (as relevant):
 - (3) any Conditional Standards will be taken to have not been agreed;
 - (4) the new access standards apply for the purposes of determining all *performance standards* that apply to the *schedule 5.3 plant* that the *Connection Applicant* proposes to connect;
 - (5) the Existing Application to Connect will be taken to be a valid *application to connect* with respect to the proposed *schedule 5.3 plant*;
 - (6) the *Network Service Provider* must, in consultation with *AEMO*, within 10 *business days* from the transitional date or the date on which the relevant condition was required to be satisfied (as relevant):
 - (i) notify the *Connection Applicant* that the new access standards will apply to the Existing Application to Connect; and
 - (ii) provide the *Connection Applicant* notified under subparagraph (i) with the further information and notice specified in subparagraph (d) (where applicable); and
 - (7) the *Network Service Provider* must comply with the requirements of paragraph (e).
- (i) If the *Network Service Provider* provides written confirmation to a *Connection Applicant* under subparagraphs (g)(1) or (g)(2) (as applicable) and all conditions for satisfaction of any Conditional Standard are satisfied by the relevant date for satisfaction, the old access standards apply for the purposes of determining the *performance standards* that apply to the *schedule 5.3 plant* that the *Connection Applicant* proposes to connect under that Existing Application to Connect.

11.[XXX].4 Application of the Amending Rule to existing offers to connect

- (a) This clause 11.[XXX].4 applies where, before the commencement date, a *Connection Applicant* has:

- (1) received a valid offer to *connect* from the relevant *Network Service Provider* in respect of an *application to connect*; and
 - (2) not entered into a *connection agreement* with the relevant *Network Service Provider* in respect of that *application to connect*.
- (b) On and from the commencement date, the old access standards apply to the *plant* that the *Connection Applicant* proposes to *connect* under that offer to connect.

11.[XXX].5 Application of the Amending Rule to Existing Connection Agreements

- (a) The Amending Rule is neither intended to, nor to be read or construed as having, the effect of:
- (1) altering the terms of an Existing Connection Agreement;
 - (2) altering the contractual rights or obligations of any of the parties under an Existing Connection Agreement; or
 - (3) relieving the parties under any such Existing Connection Agreement of their contractual obligations under such an agreement.
- (b) Subject to paragraph (c), if, after the commencement date, a *Schedule 5.3 Participant* who has entered into an Existing Connection Agreement is required or proposes to amend, in accordance with the *Rules*, any of the *performance standards* set out in that Existing Connection Agreement, then the new access standards apply for the purposes of amending such *performance standards*.
- (c) The old access standards apply to a *Schedule 5.3 Participant* who, prior to the commencement date, has submitted a proposal to alter *schedule 5.3 plant* under clause 5.3.12(b), unless:
- (1) *AEMO*, the *Schedule 5.3 Participant* and the relevant *Network Service Provider* agree otherwise; or
 - (2) in *AEMO*'s reasonable opinion (in respect of an *AEMO advisory matter*), there will be an adverse impact on *power system security* or achievement of the *system standards* as a result of the application of the old access standards.

11.[XXX].6 Amendments to AEMO guidelines

- (a) *AEMO* must review the following guidelines and make amendments that *AEMO* considers to be necessary or desirable to take into account the Amending Rule:
- (1) the *Power System Model Guidelines*;

- (2) the guidelines for *power system* stability published under clause 4.3.4(h); and
 - (3) the *System Strength Impact Assessment Guidelines*.
- (b) In amending the documents referred to in paragraph (a), *AEMO* must follow the process for amending those documents specified in the *Rules*.
 - (c) Amendments made in accordance with paragraph (a) must be *published* and take effect no later than 12 months after the commencement date.
 - (d) From the commencement date and until the guidelines referred to in paragraph (a) are amended to take into account the Amending Rule, references to *large inverter based load* in those guidelines are taken to have the meaning given to that term in the Amending Rule.