



National Electricity Amendment (Generator ramp rates and dispatch inflexibility in bidding) Rule 2015 No. 2

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 Electricity - National Scheme (Tasmania) Act 1999 of Tasmania;
- (e) the National Electricity (New South Wales) Act 1997 of New South Wales;
- (f) the National Electricity (Victoria) Act 2005 of Victoria; and
- (g) the Australian Energy Market Act 2004 of the Commonwealth.

The Australian Energy Market Commission makes the following Rule under the National Electricity Law.

John Pierce
Chairman
Australian Energy Market Commission

National Electricity Amendment (Generator ramp rates and dispatch inflexibility in bidding) Rule 2015 No. 2

1 Title of Rule

This Rule is the *National Electricity Amendment (Generator ramp rates and dispatch inflexibility in bidding) Rule 2015 No.2*.

2 Commencement

This Rule commences operation on [1 July 2016].

3 Amendment of the National Electricity Rules

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

Schedule 1 Amendment to the National Electricity Rules

(Clause 3)

[1] Clause 3.8.3A Ramp rates

Omit clause 3.8.3A(b)(1), and substitute:

- (1) at least:
 - (i) in the case of a *scheduled network service* or *scheduled load* that is not aggregated in accordance with clause 3.8.3, 3MW/minute; or
 - (ii) in the case of a *scheduled network service* or *scheduled load* that is aggregated in accordance with clause 3.8.3, the amount equal to the product of 3MW/minute and the number of individual *scheduled network services* or individual *scheduled loads* (and for the avoidance of doubt clause 3.8.3 does not apply to this paragraph (b)(1)(ii)); or
 - (iii) in the case of a *scheduled generating unit*, or *semi-scheduled generating unit* that is not aggregated in accordance with clause 3.8.3, the *generating unit minimum ramp rate requirement*; or
 - (iv) in the case of a *scheduled generating unit*, or *semi-scheduled generating unit* that is aggregated in accordance with clause 3.8.3, the sum of the *generating unit minimum ramp rate requirements* for each individual *generating unit* (and for the avoidance of doubt clause 3.8.3 does not apply to this paragraph (b)(1)(iv)); and

[2] Clause 3.13.3 Standing data

After clause 3.13.3(b), insert:

- (b1) In addition to the information provided to *AEMO* in paragraph (b), all *Scheduled Generators*, *Semi-Scheduled Generators* and *Market Participants* which have aggregated their *scheduled loads*, *scheduled network services* and *generating units* in accordance with clause 3.8.3, must provide *AEMO* with:
 - (A) the maximum *generation* of each individual *scheduled generating unit*, or *semi-scheduled generating unit* to which the individual *scheduled generating unit*, or *semi-scheduled generating unit* may be dispatched;
 - (B) the number of individual *scheduled loads* that have been aggregated in accordance with clause 3.8.3; or
 - (C) the number of *scheduled network services* that have been aggregated in accordance with clause 3.8.3.

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] Chapter 10 Substituted definitions

In Chapter 10, substitute the following definitions:

scheduled generating unit

- (a) A *generating unit* so classified in accordance with Chapter 2.
- (b) For the purposes of Chapter 3 (except clause 3.8.3A(b)(1)(iv)) and rule 4.9, two or more *generating units* referred to in paragraph (a) that have been aggregated in accordance with clause 3.8.3.

scheduled load

- (a) A *market load* which has been classified by AEMO in accordance with Chapter 2 as a *scheduled load* at the *Market Customer's* request. Under Chapter 3, a *Market Customer* may submit *dispatch bids* in relation to *scheduled loads*.
- (b) For the purposes of Chapter 3 (except clause 3.8.3A(b)(1)(ii)) and rule 4.9, two or more *scheduled loads* referred to in paragraph (a) that have been aggregated in accordance with clause 3.8.3.

scheduled network service

- (a) A *network service* which is classified as a *scheduled network service* in accordance with Chapter 2.
- (b) For the purposes of Chapter 3 (except clause 3.8.3A(b)(1)(ii)) and rule 4.9, two or more *scheduled network services* referred to in paragraph (a) that have been aggregated in accordance with clause 3.8.3.

[4] Chapter 10 New definitions

In Chapter 10, insert the following new definition in alphabetical order:

generating unit minimum ramp rate requirement

- (a) in relation to a *generating unit* that has not been aggregated in accordance with clause 3.8.3, the lower of 3MW/minute or 3% of the maximum *generation* provided in accordance with clause 3.13.3(b); or
- (b) in relation to a *generating unit* that has been aggregated in accordance with clause 3.8.3, the lower of 3 MW/minute or 3% of

the maximum *generation* provided in accordance with clause 3.13.3(b1),

expressed as MW/minute rounded down to the nearest whole number except where this would result in the nearest whole number being zero, in which case the generating unit minimum ramp rate requirement is 1 MW/minute.

[END OF RULE AS MADE]
