



## **National Electricity Amendment (Fast frequency response market ancillary service) Rule 2021 No. 8**

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;
- (g) the National Electricity (Northern Territory) (National Uniform Legislation) Act 2015 of the Northern Territory; and
- (h) the Australian Energy Market Act 2004 of the Commonwealth.

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

Anna Collyer  
Chairperson  
Australian Energy Market Commission

## **National Electricity Amendment (Fast frequency response market ancillary service) Rule 2021 No. 8**

### **1 Title of Rule**

This Rule is the *National Electricity Amendment (Fast frequency response market ancillary service) Rule 2021 No. 8*.

### **2 Commencement**

Schedule 1 of this rule commences operation on 9 October 2023.

Schedule 2 of this rule commences operation on 22 July 2021.

### **3 Amendment to the National Electricity Rules**

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

### **4 Savings and Transitional 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 3.11.2      Market ancillary services**

In clause 3.11.2(a)(7), omit "and".

### **[2] Clause 3.11.2      Market ancillary services**

At the end of clause 3.11.2(a)(8), omit "." and substitute ";".

### **[3] Clause 3.11.2      Market ancillary services**

In clause 3.11.2(a), after paragraph (8), insert:

(9) the *very fast raise service*; and

(10) the *very fast lower service*.

### **[4] Clause 3.15.6A      Ancillary service transactions**

In clauses 3.15.6A(f) and 3.15.6A(f)(1), insert "*very fast raise service*," immediately before "*fast raise service*,".

### **[5] Clause 3.15.6A      Ancillary service transactions**

In clause 3.15.6A(f), in the definition of "RTCRSP (in \$)" in the formula, insert "*very fast raise service*," immediately before "*fast raise service*,".

### **[6] Clause 3.15.6A      Ancillary service transactions**

In clauses 3.15.6A(g) and 3.15.6A(g)(1), insert "*very fast lower service*," immediately before "*fast lower service*,".

### **[7] Clause 3.15.6A      Ancillary service transactions**

In clause 3.15.6A(g), in the definition of "RTCLSP (in \$)" in the formula, insert "*very fast lower service*," immediately before "*fast lower service*,".

### **[8] Clause 4.8.16      AEMO reporting on frequency performance**

In clause 4.8.16(b), after subparagraph (1), insert:

(1A) the basis on which *AEMO* determined the quantity and type of any *market ancillary service* or combination of *market ancillary services*, procured by *AEMO* in order to improve *power system frequency control* outcomes, including, to the extent that is relevant, the relationship between the volume of the *market*

*ancillary services* procured and the levels of *inertia* in the *power system*.

## **[9] Chapter 10            New Definitions**

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

### ***very fast lower service***

The service of providing, in accordance with the requirements of the *market ancillary service specification*, the capability of very rapidly (more rapidly than the *fast lower service*) controlling the level of *generation* or *load* associated with a particular *facility* in response to the locally sensed *frequency* of the *power system* in order to arrest a rise in that *frequency*.

### ***very fast raise service***

The service of providing, in accordance with the requirements of the *market ancillary service specification*, the capability of very rapidly (more rapidly than the *fast raise service*) controlling the level of *generation* or *load* associated with a particular *facility* in response to the locally sensed *frequency* of the *power system* in order to arrest a fall in that *frequency*.

## Schedule 2 Savings and Transitional Amendment to the National Electricity Rules

(Clause 4)

### [1] New Part ZZZZP Fast frequency response market ancillary service

In Chapter 11, after Part ZZZZO, insert:

#### Part ZZZZP Fast frequency response market ancillary service

##### 11.140 Rules consequential on the making of the National Electricity Amendment (Fast frequency response market ancillary service) Rule 2021

###### 11.140.1 Definitions

For the purposes of this rule 11.140:

**Amending Rule** means the National Electricity Amendment (Fast frequency response market ancillary service) Rule 2021.

**commencement date** means the commencement date of the National Electricity Amendment (Fast frequency response market ancillary service) Rule 2021.

###### 11.140.2 Amendments to market ancillary service specification

- (a) By 19 December 2022, *AEMO* must review and, where necessary, amend and *publish* the *market ancillary service specification* to take into account the Amending Rule, including amendments to incorporate:
- (1) a detailed description of the *very fast raise service* and the *very fast lower service* in accordance with clause 3.11.2(b)(1); and
  - (2) the performance parameters and requirements which must be satisfied in order for a service to qualify as *very fast raise service* or a *very fast lower service* and also when a *Market Participant* provides those services, each in accordance with clause 3.11.2(b)(2).
- (b) Amendments made to the *market ancillary service specification* under paragraph (a) must apply from the commencement date.

[END OF RULE AS MADE]

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