

Wholesale Electricity Market Amendment (Distributed Energy Resources Register and Roadmap Implementation - Costs) Rules 2020

1. Commencement

These amendments come into operation on 1 July 2020.

2. Section 1 amended

2.1 Insert the following new section 1.20A:

1.20A. AEMO budget adjustment for DER Roadmap Implementation

- 1.20A.1. By no later than 1 January 2021 AEMO may, in accordance with this section 1.20A, apply to the Economic Regulation Authority for an adjustment to AEMO's Allowable Revenue and Forecast Capital Expenditure in respect of DER Roadmap Implementation Costs incurred by AEMO in the Review Period 1 July 2019 to 1 July 2022.
- 1.20A.2. Within 15 Business Days of the day on which an application under clause 1.20A.1 is received, the Economic Regulation Authority may give notice to AEMO requesting any additional information the Economic Regulation Authority reasonably requires to assess and determine AEMO's application.
- 1.20A.3. The Economic Regulation Authority may, within 10 Business Days of the day it receives AEMO's response to a notice issued under clause 1.20A.2, give notice to AEMO requesting any further additional information the Economic Regulation Authority reasonably requires to assess and determine AEMO's application.
- 1.20A.4. AEMO must comply with any request made by the Economic Regulation Authority under clauses 1.20A.2 or 1.20A.3.
- 1.20A.5. Subject to clause 1.20A.6, the Economic Regulation Authority must assess an application made under this section 1.20A. and determine any adjustment to AEMO's Allowable Revenue and Forecast Capital Expenditure within 45 Business Days of the date AEMO's application is received.
- 1.20A.6. The 45 Business Day period referred to in clause 1.20A.5 is to be extended by the following additional Business Days:
- (a) the day on which any request for additional information is made by the Economic Regulation Authority under clauses 1.20A.2 or 1.20A.3;
 - (b) the period of time subsequently taken by AEMO to respond to such a request; and
 - (c) the day on which the Economic Regulation Authority receives AEMO's response.
- 1.20A.7. When determining and approving an adjustment to AEMO's Allowable Revenue and Forecast Capital Expenditure under this section 1.20A the Economic Regulation Authority:
- (a) must take into account the matters in clauses 2.22A.11(a) to 2.22A.11(d);

- (b) must have regard to information provided by AEMO in its application and to any information provided in accordance with clauses 1.20A.2 to 1.20A.4;
- (c) may have regard to such other information as the Economic Regulation Authority reasonably considers necessary or desirable to inform the Economic Regulation Authority's assessment of AEMO's application;
- (d) must not have regard to or take into account the Allowable Revenue and Forecast Capital Expenditure already approved by the Economic Regulation Authority for the Review Period 1 July 2019 to 1 July 2022; and
- (e) must determine and approve an adjustment on the basis that:
 - i. any Wholesale Electricity Market Reform and Constrained Network Access Reform relating to the introduction of a distribution system operator or distribution market operator will not be completed before 1 July 2022 but will require a substantial commitment of resources by AEMO during the Review Period ending on that date; and
 - ii. all other Wholesale Electricity Market Reform and Constrained Network Access Reform will be implemented before 1 October 2022.

1.20A.8. The process in this section 1.20A by which an adjustment may be made to AEMO's Allowable Revenue and Forecast Capital Expenditure in respect of DER Roadmap Implementation Costs applies to the exclusion of clauses 2.22A.8, 2.22A.9, 2.22A.10 and 2.22A.14.

3. Section 2.1A amended

3.1 Clause 2.1A.2(IC) is amended to be renumbered as a new clause 2.1A.2(ID) by deleting "(IC)" and replacing it with the following:

(ID)

3.2 Insert the following new clause 2.1A.2(IC):

(IC) to establish, maintain and update a DER Register in accordance with clause 3.24;

4. Section 3.24 added

4.1 Insert the following heading below section 3.23:

Market Data

4.2 Insert the following new section 3.24:

3.24. Distributed Energy Resources Register

3.24.1. On and from a day no earlier than the day that is six months after the day AEMO develops the Market Procedure referred to in clause 3.24.8, AEMO must establish, maintain and update a DER Register.

3.24.2. The DER Register:

- (a) must include DER Generation Information reported to AEMO by Network Operators in accordance with clause 3.24.5; and

- (b) may include information of a type similar to the information referred to in clause 3.24.2(a) provided to AEMO by any person in connection with the performance of AEMO's functions under the Market Rules, Regulations or the Electricity Industry Act.
- 3.24.3. By no later than 30 September 2020, a Network Operator must provide AEMO with all DER Generation Information that it holds in accordance with the Market Procedure referred to in clause 3.24.8, or as otherwise agreed with AEMO.
- 3.24.4. AEMO will be taken to satisfy the requirement to establish and maintain a DER Register in clause 3.24.1 if it stores DER Register Information in one or more databases.
- 3.24.5. If a Network Operator receives DER Generation Information relating to connection points on its Network it must, in accordance with the Market Procedure referred to in clause 3.24.8, provide that information to AEMO.
- 3.24.6. AEMO may use DER Register Information for the purpose of the exercise of its statutory functions under the Electricity Industry Act, Regulations, and these Market Rules.
- 3.24.7. AEMO must publish details on the extent to which, in general terms, DER Register Information has informed AEMO's development or use of load forecasts, or the performance of its functions referred to in clause 3.24.6 and AEMO may, for this purpose, include such details as part of existing Market Procedures or other publications produced by AEMO, or by publishing details on the Market Web Site.
- 3.24.8. By no later than 1 July 2020, AEMO must develop and implement a Market Procedure that specifies:
- (a) details of the DER Generation Information that Network Operators must provide to AEMO under clauses 3.24.3 and 3.24.5, including any minimum size of Small Generating Units or Storage Works for which a Network Operator is required to provide DER Generation Information;
 - (b) when Network Operators must provide and update DER Generation Information;
 - (c) how DER Generation Information should be provided to AEMO by Network Operators, including, for example, the format in which the information must be provided;
 - (d) how the information in the DER Register is stored by AEMO;
 - (e) the manner and form in which AEMO will publish details, in accordance with clause 3.24.7, on the extent to which DER Register Information has informed its load forecasts or its function for ensuring that the SWIS operates in a secure and reliable manner;
 - (f) details of how AEMO will provide Network Operators with access to DER Register Information under clause 3.24.14; and
 - (g) the contents, form and timing of the DER Register Report to be published by AEMO in accordance with clause 3.24.12 and how the DER Register Information to be included in that report will be aggregated.
- 3.24.9. In developing and amending the Market Procedure referred to in clause 3.24.8, AEMO must:
- (a) have regard to the reasonable costs of efficient compliance by Network Operators with the procedure compared to the likely benefits from the use of DER Generation Information as contemplated under this section 3.24;

- (b) consider any risk of unauthorised use or disclosure of confidential information or personal information that may arise from including information in the DER Register compared to the likely benefits of including that information in the register; and
 - (c) subject to clause 3.24.10, comply with the Procedure Change Process.
- 3.24.10. AEMO is not required to comply with the Procedure Change Process when making the first Market Procedure referred to in clause 3.24.8 or when making minor or administrative amendments to that Market Procedure.
- 3.24.11. The Market Procedure referred to in clause 3.24.8 must include a minimum period of 3 months between the date of publication and the date when the procedure commences other than when the procedure is amended under paragraph 3.24.10, in which case the procedure may commence on the date of publication.
- 3.24.12. AEMO must prepare and publish on the Market Web Site a report of aggregated DER Register Information in accordance with the Market Procedure referred to in clause 3.24.8.
- 3.24.13. The information in the DER Register Report must be aggregated such that it does not:
- (a) directly or indirectly disclose confidential information; or
 - (b) result in a breach of applicable privacy legislation.
- 3.24.14. AEMO must provide or give access to DER Register Information to each Network Operator in relation to that Network Operator's Network in accordance with the Market Procedure referred to in clause 3.24.8.
- 3.24.15. Nothing in this clause 3.24:
- (a) requires AEMO to make available DER Register Information where the collection, use or disclosure of that information by AEMO would breach applicable privacy legislation; or
 - (b) precludes AEMO from disclosing confidential information in the circumstances in which disclosure of confidential information is permitted under the Market Rules, Regulations or the Electricity Industry Act.
- 3.24.16. No less than seven days before the day the DER Register commences, AEMO must publish notice on the Market Web Site of the day the DER Register is to commence.

5. Chapter 11 (Glossary) amended

5.1 Insert the following new definitions in Chapter 11 (Glossary):

DER Generation Information: Standing data in relation to:

- (a) a Small Generating Unit; or
- (b) Storage Works with an export capacity of less than 5 MW.

DER Register Information: Information contained in the DER Register.

DER Register: The register established and maintained by AEMO in accordance with clause 3.24.

DER Register Report: The report of aggregated DER Register Information required to be developed and published by AEMO under clause 3.24.12.

DER Roadmap: The distributed energy resources roadmap delivered by the Energy Transformation Taskforce pursuant to the Western Australian Government's Energy Transformation Strategy and published by the Minister on 4 April 2020.

DER Roadmap Actions: Any activities undertaken by AEMO to implement the DER Roadmap that have been endorsed by the Minister as Wholesale Electricity Market and Constrained Network Access Reform and includes any and all such activities undertaken after 31 December 2019 irrespective of the date they were endorsed.

DER Roadmap Implementation Costs: Any costs incurred by AEMO after 31 December 2019 in respect of DER Roadmap Actions.

Small Generating Unit: A generation system which has a rated capacity of less than 10MW.

Storage Works: Has the meaning given to it in the Electricity Industry Act.

- 5.2 The definition of 'Wholesale Electricity Market and Constrained Network Access Reform' is deleted and replaced with the following:

Wholesale Electricity Market and Constrained Network Access Reform: Means:

- (a) any proposed change to the operation of the Wholesale Electricity Market or related network access arrangements, or the regulatory regime applying to the Wholesale Electricity Market (including the Electricity Industry Act, the Regulations and these Market Rules); and
 - (b) any related activity undertaken by AEMO in connection with implementation of the DER Roadmap,
- that has been endorsed by the Minister (whether or not legislation has been made to implement it).

ELECTRICITY INDUSTRY ACT 2004
ELECTRICITY INDUSTRY (WHOLESALE ELECTRICITY MARKET) REGULATIONS 2004
WHOLESALE ELECTRICITY MARKET RULES
Market Rules made by the Minister for Energy.

I, Mr Bill Johnston, Minister for Energy for the State of Western Australia hereby give notice of market rules made in accordance with regulation 7(5) of the *Electricity Industry (Wholesale Electricity Market) Regulations 2004*.

These market rules may be cited as the *Wholesale Electricity Market Amendment (Distributed Energy Resources Register and Roadmap Implementation - Costs) Rules 2020* and are to commence at 08:00am (WST) on the day specified in the *Wholesale Electricity Market Amendment (Distributed Energy Resources Register and Roadmap Implementation - Costs) Rules 2020*, being 1 July 2020.

A copy of the *Wholesale Electricity Market Amendment (Distributed Energy Register and Roadmap Implementation - Costs) Rules 2020* is available on the website of the Economic Regulation Authority at <https://www.erawa.com.au>.

Dated at Perth this 24 JUNE 2020


Hon W. JOHNSTON MLA, Minister for Energy.