**National Electricity Rules Version 148**

**Historical Information**

This version of the National Electricity Rules was current from 21 August 2020 to 26 August 2020.

National Electricity Rules

Version 148

Status Information

This is the latest electronically available version of the National Electricity Rules as at 21 August 2020.

This consolidated version of the National Electricity Rules was last updated on 21 August 2020 as a result of the commencement of the following amendments:

National Electricity Amendment (Interim Reliability Measure) Rule 2020

This consolidated version of the Rules reflects the initial Rules made by the SA Minister under section 90 of the National Electricity Law (**NEL**) as amended by:

Rules made by the South Australian Minister under sections 90A to 90F of the NEL; and

Rules made by the Australian Energy Market Commission under Part 7 Division 3 of the NEL.

**Application of the National Energy Customer Framework related Rule**

On 27 June 2012, the South Australian Minister made Rules relating to the implementation of the National Energy Customer Framework (**NECF**), including amendments to the National Electricity Rules under section 90D of the NEL in relation to small customer connections (Chapter 5A), Retail Markets including billing and credit support (Chapter 6B) and related provisions (**NECF related rule**).

The NECF related Rule commenced operation as a law of Tasmania, the Australian Capital Territory and the Commonwealth on 1 July 2012; South Australia on 1 February 2013, New South Wales on 1 July 2013 and Queensland on 1 July 2015.

On 1 July 2016, Victoria adopted the provisions of the NECF related rule that relate to small customer connections (Chapter 5A and related provisions). Victoria has not adopted the Retail Market provisions in Chapter 6B of the Rules.

The NECF related Rule does not apply in Western Australia or the Northern Territory until the National Energy Retail Law set out in the Schedule to the National Energy Retail Law (South Australia) Act 2011 is implemented as a law in that jurisdiction (clause 24, Part 11, Schedule 3 NEL).

The NECF related Rule can be found on the Australian Energy Market Commission's website under the 'National Electricity Rules', 'Rules made by the SA Ministers' tabs.

Provisions in force

All provisions displayed in this consolidated version of the Rules have commenced. As at the date of this consolidation the Australian Energy Market Commission has made the following Rules under Part 7 Division 3 of the NEL that have not yet commenced:

National Electricity Amendment (Minor changes 3) Rule 2020 No. 12 will commence operation on 27 August 2020.

Schedule 1 of the National Electricity Amendment (System restart services, standards and testing) Rule 2020 No. 6 will commence operation on 2 November 2020.

Schedule 2 of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 No. 9 will commence operation on 31 March 2021.

Schedules 1 to 6 of the National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15 will commence operation on 1 October 2021.

Schedule 2 of the National Electricity Amendment (Participant compensation following market suspension) Rule 2018 No. 13 will commence operation on 1 October 2021, immediately after commencement of the National Electricity Amendment (Five minute settlement) Rule 2017 No. 15.

Schedule 2 of the National Electricity Amendment (Intervention compensation and settlement processes) Rule 2019 No. 5 will commence operation on 1 October 2021, immediately after the commencement of Schedule 6 of the National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15.

Schedule 2 of the National Electricity Amendment (Five minute settlement and global settlement implementation amendments) Rule 2019 No. 7 will commence operation on 1 October 2021, immediately after the commencement of Schedules 1 to 6 of the National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15.

Schedule 2 the National Electricity Amendment (Application of the regional reference node test to the Reliability and Emergency Reserve Trader) Rule 2019 No. 11 will commence operation on 1 October 2021 immediately after the commencement of Schedule 2 of the National Electricity Amendment (Intervention compensation and settlement processes) Rule 2019 No 5.

Schedule 2 of the National Electricity Amendment (Application of compensation in relation to AEMO interventions) Rule 2019 No. 13 will commence operation on 1 October 2021 immediately after the commencement of Schedule 2 of the National Electricity Amendment (Application of the regional reference node test to the Reliability and Emergency Reserve Trader) Rule 2019 No. 11.

Schedule 2 of the National Electricity Amendment (Transmission loss factors) Rule 2020 No. 2 will commence operation on 1 October 2021, immediately after commencement of Schedule 2 of the National Electricity Amendment (Five minute settlement and global settlement implementation amendments) Rule 2019 No. 7.

Schedule 2 of the National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 No. 7 will commence operation on 1 July 2021.

Schedules 1, 3, 4 and 5 of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 No. 9 will commence operation on 24 October 2021.

Schedules 1 to 4 of the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14 will commence operation on 1 May 2022.

Schedules 3 to 5 of the National Electricity Amendment (Five minute settlement and global settlement implementation amendments) Rule 2019 No. 7 will commence operation on 1 May 2022, immediately after the commencement of Schedules 1 to 4 of the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14*.*

Schedule 2 of the National Electricity Amendment (Minor changes) Rule 2020 No. 3 will commence operation on 1 May 2022, immediately after the commencement of Schedules 3 to 5 of the National Electricity Amendment (Five minute settlement and global settlement implementation amendments) Rule 2019 No. 7.

Schedule 2 of the National Electricity Amendment (Mandatory primary frequency response) Rule 2020 No. 5 will commence operation on 4 June 2023.

TABLE OF CONTENTS

[1. Introduction 3](#_Toc256000000)

[1.1 Preliminary 3](#_Toc256000001)

[1.1.1 References to the Rules 3](#_Toc256000002)

[1.1.2 Italicised expressions 3](#_Toc256000003)

[1.1.3 [Deleted] 3](#_Toc256000004)

[1.2 Background 3](#_Toc256000005)

[1.3 Nomenclature of and references to provisions of a Chapter 3](#_Toc256000006)

[1.3.1 Introduction 3](#_Toc256000007)

[1.3.2 Parts, Divisions and Subdivisions 3](#_Toc256000008)

[1.3.3 Rules, clauses, paragraphs, subparagraphs and other items 4](#_Toc256000009)

[1.4 Effect of renumbering of provisions of the Rules 5](#_Toc256000010)

[1.5 [Deleted] 5](#_Toc256000011)

[1.6 [Deleted] 5](#_Toc256000012)

[1.7 Interpretation 5](#_Toc256000013)

[1.7.1 General 5](#_Toc256000014)

[1.8 Notices 6](#_Toc256000015)

[1.8.1 Service of notices under the Rules 6](#_Toc256000016)

[1.8.2 Time of service 6](#_Toc256000017)

[1.8.3 Counting of days 7](#_Toc256000018)

[1.8.4 Reference to addressee 7](#_Toc256000019)

[1.9 Retention of Records and Documents 7](#_Toc256000020)

[1.10 [Deleted] 7](#_Toc256000021)

[1.11 AEMO Rule Funds 7](#_Toc256000022)

[2. Registered Participants and Registration 13](#_Toc256000023)

[2.1 Registered Participants 13](#_Toc256000024)

[2.1.1 Purpose 13](#_Toc256000025)

[2.1.2 General 13](#_Toc256000026)

[2.2 Generator 13](#_Toc256000027)

[2.2.1 Registration as a Generator 13](#_Toc256000028)

[2.2.2 Scheduled Generator 14](#_Toc256000029)

[2.2.3 Non-Scheduled Generator 15](#_Toc256000030)

[2.2.4 Market Generator 16](#_Toc256000031)

[2.2.5 Non-Market Generator 16](#_Toc256000032)

[2.2.6 Ancillary services generating unit 17](#_Toc256000033)

[2.2.7 Semi-Scheduled Generator 18](#_Toc256000034)

[2.3 Customer 20](#_Toc256000035)

[2.3.1 Registration as a Customer 20](#_Toc256000036)

[2.3.2 First-Tier Customer 21](#_Toc256000037)

[2.3.3 Second-Tier Customer 21](#_Toc256000038)

[2.3.4 Market Customer 21](#_Toc256000039)

[2.3.5 Ancillary services load 22](#_Toc256000040)

[2.3A Small Generation Aggregator 24](#_Toc256000041)

[2.3A.1 Registration 24](#_Toc256000042)

[2.3AA Market Ancillary Service Provider 25](#_Toc256000043)

[2.3AA.1 Registration 25](#_Toc256000044)

[2.4 Market Participant 26](#_Toc256000045)

[2.4.1 Registration as a category of Market Participant 26](#_Toc256000046)

[2.4.2 Eligibility 26](#_Toc256000047)

[2.4A Metering Coordinator 27](#_Toc256000048)

[2.4A.1 Registration as a Metering Coordinator 27](#_Toc256000049)

[2.4A.2 Eligibility 27](#_Toc256000050)

[2.5 Network Service Provider 28](#_Toc256000051)

[2.5.1 Registration as a Network Service Provider 28](#_Toc256000052)

[2.5.1A Dedicated Connection Asset Service Provider 29](#_Toc256000053)

[2.5.2 Market Network Service 30](#_Toc256000054)

[2.5.3 Scheduled Network Service 31](#_Toc256000055)

[2.5A Trader 32](#_Toc256000056)

[2.5B Reallocator 33](#_Toc256000057)

[2.6 Special Participant 33](#_Toc256000058)

[2.7 Intention to Commence Activities or Functions 33](#_Toc256000059)

[2.8 Registered Participant Rights and Obligations 34](#_Toc256000060)

[2.8.1 Rights and obligations 34](#_Toc256000061)

[2.9 Application to be Registered as a Registered Participant 34](#_Toc256000062)

[2.9.1 Applications for Registration 34](#_Toc256000063)

[2.9.2 Registration as a Registered Participant 34](#_Toc256000064)

[2.9.3 Registration as an Intermediary 35](#_Toc256000065)

[2.9A Transfer of Registration 36](#_Toc256000066)

[2.9A.1 Definitions 36](#_Toc256000067)

[2.9A.2 Applications for Transfer of Registration 37](#_Toc256000068)

[2.9A.3 Approval for Transfer of Registration 37](#_Toc256000069)

[2.10 Ceasing to be a Registered Participant 38](#_Toc256000070)

[2.10.1 Notification of intention 38](#_Toc256000071)

[2.10.2 Ceasing Participation 41](#_Toc256000072)

[2.10.3 Liability after cessation 41](#_Toc256000073)

[2.11 Participant Fees 41](#_Toc256000074)

[2.11.1A Application 41](#_Toc256000075)

[2.11.1 Development of Participant fee structure 41](#_Toc256000076)

[2.11.2 Payment of Participant fees 44](#_Toc256000077)

[2.11.3 Budgeted revenue requirements 44](#_Toc256000078)

[2.12 Interpretation of References to Various Registered Participants 45](#_Toc256000079)

[2A. Regional Structure 51](#_Toc256000080)

[Part A Region change applications and region determinations by AEMC 51](#_Toc256000081)

[2A.1 Introduction to Chapter 2A 51](#_Toc256000082)

[2A.1.1 Definitions 51](#_Toc256000083)

[2A.1.2 AEMC determination of regions 51](#_Toc256000084)

[2A.1.3 Publication of regions by AEMO 51](#_Toc256000085)

[2A.2 Region change applications 51](#_Toc256000086)

[2A.2.1 A complete region change application 51](#_Toc256000087)

[2A.2.2 Identifying a congestion problem 52](#_Toc256000088)

[2A.2.3 Explanation of economic efficiency of proposed region solution 52](#_Toc256000089)

[2A.2.4 Region change application must be technically competent 52](#_Toc256000090)

[2A.2.5 Alternative congestion management options 53](#_Toc256000091)

[2A.2.6 Previous application relating to congestion problem 53](#_Toc256000092)

[2A.2.7 AEMO to provide information to intending applicants 54](#_Toc256000093)

[2A.2.8 AEMC may refuse to accept incomplete applications 54](#_Toc256000094)

[2A.3 Acceptance of region change application by AEMC 55](#_Toc256000095)

[2A.3.1 Acceptance of a region change application by AEMC 55](#_Toc256000096)

[2A.3.2 Preliminary consultation prior to acceptance of a region change application 55](#_Toc256000097)

[2A.4 First round consultation on region change application 56](#_Toc256000098)

[2A.4.1 Notice of first round consultation 56](#_Toc256000099)

[2A.4.2 Right to make written submissions during first round consultation period 56](#_Toc256000100)

[2A.4.3 Alternative region solution put forward by third parties 56](#_Toc256000101)

[2A.4.4 Acceptance as a formal alternative region solution by AEMC 57](#_Toc256000102)

[2A.5 Provision of supplementary economic analysis 58](#_Toc256000103)

[2A.5.1 AEMC may direct provision of supplementary analysis 58](#_Toc256000104)

[2A.5.2 AEMC may direct AEMO to provide information 58](#_Toc256000105)

[2A.6 Region determinations 59](#_Toc256000106)

[2A.6.1 AEMC powers to make a region determination 59](#_Toc256000107)

[2A.6.2 Matters for consideration in making region determination 59](#_Toc256000108)

[2A.7 Draft region determination and second round consultation 60](#_Toc256000109)

[2A.7.1 Publishing of draft region determination 60](#_Toc256000110)

[2A.7.2 Second round consultation 60](#_Toc256000111)

[2A.7.3 Right to make written submissions during second round consultation 60](#_Toc256000112)

[2A.8 Final region determination 60](#_Toc256000113)

[2A.8.1 Final determination for region change 60](#_Toc256000114)

[2A.8.2 Formal publication of region determination 61](#_Toc256000115)

[2A.9 Miscellaneous matters for region change process 61](#_Toc256000116)

[2A.9.1 AEMC may extend periods of time specified in Chapter 2A 61](#_Toc256000117)

[2A.9.2 Consultation meeting in relation to region change application 61](#_Toc256000118)

[Part B Implementation of region determination 62](#_Toc256000119)

[2A.10 Purpose and application of Part B 62](#_Toc256000120)

[2A.10.1 Purpose of Part B 62](#_Toc256000121)

[2A.10.2 Application of Part B 62](#_Toc256000122)

[2A.11 Region Change Implementation Procedure 62](#_Toc256000123)

[2A.11.1 Submission of draft Region Change Implementation Procedure 62](#_Toc256000124)

[2A.11.2 Approved Region Change Implementation Procedure 63](#_Toc256000125)

[2A.12 AEMO region change implementation functions 63](#_Toc256000126)

[2A.12.1 General implementation functions 63](#_Toc256000127)

[2A.12.2 Implementation functions referable to published implementation procedure 63](#_Toc256000128)

[2A.12.3 Amendment of current or subsequent Regions and Loss Factors Publication 63](#_Toc256000129)

[2A.13 Continuity of regions 63](#_Toc256000130)

[Schedule 2A.1 Glossary for Chapter 2A 64](#_Toc256000131)

[3. Market Rules 69](#_Toc256000132)

[3.1 Introduction to Market Rules 69](#_Toc256000133)

[3.1.1 Purpose 69](#_Toc256000134)

[3.1.1A Definitions 69](#_Toc256000135)

[3.1.2 [Deleted] 70](#_Toc256000136)

[3.1.3 [Deleted] 70](#_Toc256000137)

[3.1.4 Market design principles 70](#_Toc256000138)

[3.1.5 Time for undertaking action 71](#_Toc256000139)

[3.2 AEMO's Market Responsibilities 71](#_Toc256000140)

[3.2.1 Market functions of AEMO 71](#_Toc256000141)

[3.2.2 Spot market 71](#_Toc256000142)

[3.2.3 Power system operations 72](#_Toc256000143)

[3.2.4 Non-market ancillary services function 72](#_Toc256000144)

[3.2.5 [Deleted] 72](#_Toc256000145)

[3.2.6 Settlements 72](#_Toc256000146)

[3.3 Prudential Requirements 72](#_Toc256000147)

[3.3.1 Market Participant criteria 72](#_Toc256000148)

[3.3.2 Credit support 72](#_Toc256000149)

[3.3.3 Acceptable credit criteria 73](#_Toc256000150)

[3.3.4 Acceptable credit rating 74](#_Toc256000151)

[3.3.4A Prudential standard 74](#_Toc256000152)

[3.3.5 Amount of credit support 74](#_Toc256000153)

[3.3.6 Changes to credit support 74](#_Toc256000154)

[3.3.7 Drawings on credit support 75](#_Toc256000155)

[3.3.8 Credit limit procedures and prudential settings 75](#_Toc256000156)

[3.3.8A Security Deposits 77](#_Toc256000157)

[3.3.9 Outstandings 77](#_Toc256000158)

[3.3.10 Trading limit 78](#_Toc256000159)

[3.3.11 Call notices 78](#_Toc256000160)

[3.3.12 Typical accrual 79](#_Toc256000161)

[3.3.13 Response to Call Notices 79](#_Toc256000162)

[3.3.13A Application of monies in the security deposit fund 80](#_Toc256000163)

[3.3.14 Potential value of a transaction 81](#_Toc256000164)

[3.3.15 Trading margin 82](#_Toc256000165)

[3.3.16 Limitation on entry of transactions 82](#_Toc256000166)

[3.3.17 Scheduled prices 82](#_Toc256000167)

[3.3.18 Additional credit support 83](#_Toc256000168)

[3.3.19 Consideration of other Market Participant transactions 83](#_Toc256000169)

[3.4 Spot Market 83](#_Toc256000170)

[3.4.1 Establishment of spot market 83](#_Toc256000171)

[3.4.2 Trading day and trading interval 84](#_Toc256000172)

[3.4.3 Spot market operations timetable 84](#_Toc256000173)

[3.5 Regions 84](#_Toc256000174)

[3.5.1 [Deleted] 84](#_Toc256000175)

[3.5.2 [Deleted] 84](#_Toc256000176)

[3.5.3 [Deleted] 84](#_Toc256000177)

[3.5.4 [Deleted] 84](#_Toc256000178)

[3.5.5 [Deleted] 84](#_Toc256000179)

[3.5.6 [Deleted] 84](#_Toc256000180)

[3.6 Network Losses and Constraints 84](#_Toc256000181)

[3.6.1 Inter-regional losses 84](#_Toc256000182)

[3.6.2 Intra-regional losses 86](#_Toc256000183)

[3.6.2A Load and generation data used to determine inter-regional loss factor equations and intra-regional loss factors 89](#_Toc256000184)

[3.6.3 Distribution losses 90](#_Toc256000185)

[3.6.4 Network constraints 95](#_Toc256000186)

[3.6.5 Settlements residue due to network losses and constraints 95](#_Toc256000187)

[3.7 Projected Assessment of System Adequacy 97](#_Toc256000188)

[3.7.1 Administration of PASA 97](#_Toc256000189)

[3.7.2 Medium term PASA 98](#_Toc256000190)

[3.7.3 Short term PASA 100](#_Toc256000191)

[3.7A Congestion information resource 103](#_Toc256000192)

[3.7B Unconstrained intermittent generation forecast 106](#_Toc256000193)

[3.7C Energy Adequacy Assessment Projection 107](#_Toc256000194)

[3.7D Demand side participation information 110](#_Toc256000195)

[3.7E Register of DER information 112](#_Toc256000196)

[3.7F Generation information page 115](#_Toc256000197)

[3.8 Central Dispatch and Spot Market Operation 116](#_Toc256000198)

[3.8.1 Central Dispatch 116](#_Toc256000199)

[3.8.2 Participation in central dispatch 118](#_Toc256000200)

[3.8.3 Bid and offer aggregation guidelines 119](#_Toc256000201)

[3.8.3A Ramp rates 121](#_Toc256000202)

[3.8.4 Notification of scheduled capacity 123](#_Toc256000203)

[3.8.5 Submission timing 124](#_Toc256000204)

[3.8.6 Generating unit offers for dispatch 124](#_Toc256000205)

[3.8.6A Scheduled network service offers for dispatch 126](#_Toc256000206)

[3.8.7 Bids for scheduled load 128](#_Toc256000207)

[3.8.7A Market ancillary services offers 129](#_Toc256000208)

[3.8.8 Validation of dispatch bids and offers 130](#_Toc256000209)

[3.8.9 Default offers and bids 131](#_Toc256000210)

[3.8.10 Network constraints 132](#_Toc256000211)

[3.8.11 Ancillary services constraints 133](#_Toc256000212)

[3.8.12 System scheduled reserve constraints 134](#_Toc256000213)

[3.8.13 Notification of constraints 134](#_Toc256000214)

[3.8.14 Dispatch under conditions of supply scarcity 134](#_Toc256000215)

[3.8.15 [Deleted] 135](#_Toc256000216)

[3.8.16 Equal priced dispatch bids and dispatch offers 135](#_Toc256000217)

[3.8.17 Self-commitment 135](#_Toc256000218)

[3.8.18 Self-decommitment 135](#_Toc256000219)

[3.8.19 Dispatch inflexibilities 136](#_Toc256000220)

[3.8.20 Pre-dispatch schedule 139](#_Toc256000221)

[3.8.21 On-line dispatch process 140](#_Toc256000222)

[3.8.22 Rebidding 142](#_Toc256000223)

[3.8.22A Offers, bids and rebids must not be false or misleading 143](#_Toc256000224)

[3.8.23 Failure to conform to dispatch instructions 145](#_Toc256000225)

[3.8.24 Scheduling errors 147](#_Toc256000226)

[3.9 Price Determination 147](#_Toc256000227)

[3.9.1 Principles applicable to spot price determination 147](#_Toc256000228)

[3.9.2 Determination of spot prices 149](#_Toc256000229)

[3.9.2A Determination of ancillary services prices 150](#_Toc256000230)

[3.9.2B Pricing where AEMO determines a manifestly incorrect input 151](#_Toc256000231)

[3.9.3 Pricing in the event of intervention by AEMO 152](#_Toc256000232)

[3.9.3A Reliability standard and settings review 154](#_Toc256000233)

[3.9.3B Reliability standard and settings review report 155](#_Toc256000234)

[3.9.3C Reliability standard and interim reliability measure 156](#_Toc256000235)

[3.9.3D Implementation of the reliability standard 157](#_Toc256000236)

[3.9.4 Market Price Cap 157](#_Toc256000237)

[3.9.5 Application of the Market Price Cap 158](#_Toc256000238)

[3.9.6 Market Floor Price 159](#_Toc256000239)

[3.9.6A Application of the Market Floor Price 159](#_Toc256000240)

[3.9.7 Pricing for constrained-on scheduled generating units 159](#_Toc256000241)

[3.10 [Deleted] 160](#_Toc256000242)

[3.11 Ancillary Services 160](#_Toc256000243)

[3.11.1 Introduction 160](#_Toc256000244)

[3.11.2 Market ancillary services 161](#_Toc256000245)

[3.11.2A AER reporting on market ancillary services markets 162](#_Toc256000246)

[3.11.3 Acquisition of Network Support and Control Ancillary Service 162](#_Toc256000247)

[3.11.4 [Not used] 163](#_Toc256000248)

[3.11.5 Tender process for network support and control ancillary services 163](#_Toc256000249)

[3.11.6 Dispatch of network support and control ancillary services by AEMO 165](#_Toc256000250)

[3.11.7 Guidelines and objectives for acquisition of system restart ancillary services by AEMO 166](#_Toc256000251)

[3.11.8 Determination of electrical sub-network boundaries 167](#_Toc256000252)

[3.11.9 Acquisition of system restart ancillary services by AEMO 167](#_Toc256000253)

[3.11.10 Reporting 168](#_Toc256000254)

[3.12 Market Intervention by AEMO 169](#_Toc256000255)

[3.12.1 Intervention settlement timetable 169](#_Toc256000256)

[3.12.2 Affected Participants and Market Customers entitlements to compensation in relation to AEMO intervention 169](#_Toc256000257)

[3.12.3 Role of the Independent Expert in calculating payments in relation to intervention by AEMO and market suspension pricing schedule periods 173](#_Toc256000258)

[3.12A Mandatory restrictions 176](#_Toc256000259)

[3.12A.1 Restriction offers 176](#_Toc256000260)

[3.12A.2 Mandatory restrictions schedule 177](#_Toc256000261)

[3.12A.3 Acquisition of capacity 178](#_Toc256000262)

[3.12A.4 Rebid of capacity under restriction offers 178](#_Toc256000263)

[3.12A.5 Dispatch of restriction offers 178](#_Toc256000264)

[3.12A.6 Pricing during a restriction price trading interval 179](#_Toc256000265)

[3.12A.7 Determination of funding restriction shortfalls 179](#_Toc256000266)

[3.12A.8 Cancellation of a mandatory restriction period 184](#_Toc256000267)

[3.12A.9 Review by AEMC 184](#_Toc256000268)

[3.13 Market Information 184](#_Toc256000269)

[3.13.1 Provision of information 184](#_Toc256000270)

[3.13.2 Systems and procedures 185](#_Toc256000271)

[3.13.3 Standing data 186](#_Toc256000272)

[3.13.3AA Standing data: Project developers 191](#_Toc256000273)

[3.13.3A Statement of opportunities 192](#_Toc256000274)

[3.13.4 Spot market 194](#_Toc256000275)

[3.13.4A Market ancillary services 198](#_Toc256000276)

[3.13.5 Ancillary services contracting by AEMO 198](#_Toc256000277)

[3.13.5A Settlements residue auctions 198](#_Toc256000278)

[3.13.6 [Deleted] 199](#_Toc256000279)

[3.13.6A Report by AEMO 199](#_Toc256000280)

[3.13.7 Monitoring of significant variation between forecast and actual prices by AER 199](#_Toc256000281)

[3.13.8 Public information 201](#_Toc256000282)

[3.13.9 [Deleted] 201](#_Toc256000283)

[3.13.10 Market auditor 201](#_Toc256000284)

[3.13.11 [Deleted] 202](#_Toc256000285)

[3.13.12 NMI Standing Data 202](#_Toc256000286)

[3.13.12A NMI Standing Data Schedule 205](#_Toc256000287)

[3.13.13 Inter-network tests 206](#_Toc256000288)

[3.13.14 Carbon Dioxide Equivalent Intensity Index 206](#_Toc256000289)

[3.14 Administered Price Cap and Market Suspension 209](#_Toc256000290)

[3.14.1 Cumulative Price Threshold and Administered Price Cap 209](#_Toc256000291)

[3.14.2 Application of Administered Price Cap 210](#_Toc256000292)

[3.14.3 Conditions for suspension of the spot market 212](#_Toc256000293)

[3.14.4 Declaration of market suspension 213](#_Toc256000294)

[3.14.5 Pricing during market suspension 214](#_Toc256000295)

[3.14.5A Payment of compensation due to market suspension pricing schedule periods 215](#_Toc256000296)

[3.14.5B Claims for additional compensation due to market suspension pricing schedule periods 218](#_Toc256000297)

[3.14.6 Compensation due to the application of an administered price cap or administered floor price 220](#_Toc256000298)

[3.15 Settlements 224](#_Toc256000299)

[3.15.1 Settlements management by AEMO 224](#_Toc256000300)

[3.15.2 Electronic funds transfer 224](#_Toc256000301)

[3.15.3 Connection point and virtual transmission node responsibility 225](#_Toc256000302)

[3.15.4 Adjusted energy amounts connection points 225](#_Toc256000303)

[3.15.5 Adjusted energy - transmission network connection points 225](#_Toc256000304)

[3.15.5A Adjusted energy - virtual transmission nodes 226](#_Toc256000305)

[3.15.6 Spot market transactions 226](#_Toc256000306)

[3.15.6A Ancillary service transactions 227](#_Toc256000307)

[3.15.7 Payment to Directed Participants 239](#_Toc256000308)

[3.15.7A Payment to Directed Participants for services other than energy and market ancillary services 240](#_Toc256000309)

[3.15.7B Claim for additional compensation by Directed Participants 243](#_Toc256000310)

[3.15.8 Funding of Compensation for directions 245](#_Toc256000311)

[3.15.8A Funding of compensation for market suspension pricing schedule periods 249](#_Toc256000312)

[3.15.9 Reserve settlements 251](#_Toc256000313)

[3.15.9A Procurer of last resort cost allocation 253](#_Toc256000314)

[3.15.10 Administered price cap or administered floor price compensation payments 257](#_Toc256000315)

[3.15.10A Goods and services tax 258](#_Toc256000316)

[3.15.10B Restriction contract amounts 259](#_Toc256000317)

[3.15.10C Intervention and Market Suspension Pricing Schedule Period Settlements 260](#_Toc256000318)

[3.15.11 Reallocation transactions 264](#_Toc256000319)

[3.15.11A Reallocation procedures 265](#_Toc256000320)

[3.15.12 Settlement amount 266](#_Toc256000321)

[3.15.13 Payment of settlement amount 266](#_Toc256000322)

[3.15.14 Preliminary statements 267](#_Toc256000323)

[3.15.15 Final statements 267](#_Toc256000324)

[3.15.15A Use of estimated settlement amounts by AEMO 267](#_Toc256000325)

[3.15.16 Payment by market participants 267](#_Toc256000326)

[3.15.17 Payment to market participants 268](#_Toc256000327)

[3.15.18 Disputes 268](#_Toc256000328)

[3.15.19 Revised Statements and Adjustments 268](#_Toc256000329)

[3.15.20 Payment of adjustments 270](#_Toc256000330)

[3.15.21 Default procedure 271](#_Toc256000331)

[3.15.22 Maximum total payment in respect of a billing period 275](#_Toc256000332)

[3.15.23 Maximum total payment in respect of a financial year 276](#_Toc256000333)

[3.15.24 Compensation for reductions under clause 3.15.23 277](#_Toc256000334)

[3.15.25 Interest on overdue amounts 278](#_Toc256000335)

[3.16 Participant compensation fund 278](#_Toc256000336)

[3.16.1 Establishment of Participant compensation fund 278](#_Toc256000337)

[3.16.2 Dispute resolution panel to determine compensation 279](#_Toc256000338)

[3.17 [Deleted] 280](#_Toc256000339)

[3.18 Settlements Residue Auctions 280](#_Toc256000340)

[3.18.1 Settlements residue concepts 280](#_Toc256000341)

[3.18.2 Auctions and eligible persons 281](#_Toc256000342)

[3.18.3 Auction rules 282](#_Toc256000343)

[3.18.3A Secondary trading of SRD units 283](#_Toc256000344)

[3.18.4 Proceeds and fees 284](#_Toc256000345)

[3.18.4A Secondary trading proceeds and margin 285](#_Toc256000346)

[3.18.5 Settlement residue committee 285](#_Toc256000347)

[3.19 Market Management Systems Access Procedures 287](#_Toc256000348)

[3.20 Reliability and Emergency Reserve Trader 288](#_Toc256000349)

[3.20.1 Definitions 288](#_Toc256000350)

[3.20.2 Reliability and emergency reserve trader 288](#_Toc256000351)

[3.20.3 Reserve contracts 289](#_Toc256000352)

[3.20.4 Dispatch pricing methodology for unscheduled reserve contracts 291](#_Toc256000353)

[3.20.5 AEMO's risk management and accounts relating to the reliability safety net 291](#_Toc256000354)

[3.20.6 Reporting on RERT by AEMO 291](#_Toc256000355)

[3.20.7 AEMO's exercise of the RERT 294](#_Toc256000356)

[3.20.8 RERT Guidelines 295](#_Toc256000357)

[3.20.9 [Deleted] 296](#_Toc256000358)

[Schedule 3.1 Bid and Offer Validation Data 296](#_Toc256000359)

[Schedule 3.2 [Deleted] 300](#_Toc256000360)

[Schedule 3.3 [Deleted] 300](#_Toc256000361)

[4. Power System Security 303](#_Toc256000362)

[4.1 Introduction 303](#_Toc256000363)

[4.1.1 Purpose 303](#_Toc256000364)

[4.2 Definitions and Principles 303](#_Toc256000365)

[4.2.1 [Deleted] 303](#_Toc256000366)

[4.2.2 Satisfactory Operating State 303](#_Toc256000367)

[4.2.3 Credible and non-credible contingency events and protected events 304](#_Toc256000368)

[4.2.3A Re-classifying contingency events 305](#_Toc256000369)

[4.2.3B Criteria for re-classifying contingency events 306](#_Toc256000370)

[4.2.4 Secure operating state and power system security 307](#_Toc256000371)

[4.2.5 Technical envelope 307](#_Toc256000372)

[4.2.6 General principles for maintaining power system security 308](#_Toc256000373)

[4.2.7 Reliable Operating State 309](#_Toc256000374)

[4.2.8 Time for undertaking action 309](#_Toc256000375)

[4.3 Power System Security Responsibilities and Obligations 309](#_Toc256000376)

[4.3.1 Responsibility of AEMO for power system security 309](#_Toc256000377)

[4.3.2 System security 311](#_Toc256000378)

[4.3.3 The role of System Operators 314](#_Toc256000379)

[4.3.4 Network Service Providers 315](#_Toc256000380)

[4.3.5 Market Customer obligations 320](#_Toc256000381)

[4.4 Power System Frequency Control 321](#_Toc256000382)

[4.4.1 Power system frequency control responsibilities 321](#_Toc256000383)

[4.4.2 Operational frequency control requirements 321](#_Toc256000384)

[4.4.2A Primary Frequency Response Requirements 321](#_Toc256000385)

[4.4.2B Approval of variations or exemptions 323](#_Toc256000386)

[4.4.3 Generator protection requirements 323](#_Toc256000387)

[4.4.4 Instructions to enable inertia network services 324](#_Toc256000388)

[4.4.5 Instructions to enable system strength services 325](#_Toc256000389)

[4.5 Control of Power System Voltage 326](#_Toc256000390)

[4.5.1 Power system voltage control 326](#_Toc256000391)

[4.5.2 Reactive power reserve requirements 327](#_Toc256000392)

[4.5.3 Audit and testing 327](#_Toc256000393)

[4.6 Protection of Power System Equipment 328](#_Toc256000394)

[4.6.1 Power system fault levels 328](#_Toc256000395)

[4.6.2 Power system protection co-ordination 328](#_Toc256000396)

[4.6.3 Audit and testing 328](#_Toc256000397)

[4.6.4 Short-term thermal ratings of power system 328](#_Toc256000398)

[4.6.5 Partial outage of power protection systems 328](#_Toc256000399)

[4.6.6 System strength impact assessment guidelines 329](#_Toc256000400)

[4.7 Power System Stability Co-ordination 330](#_Toc256000401)

[4.7.1 Stability analysis co-ordination 330](#_Toc256000402)

[4.7.2 Audit and testing 331](#_Toc256000403)

[4.8 Power System Security Operations 331](#_Toc256000404)

[4.8.1 Registered Participants' advice 331](#_Toc256000405)

[4.8.2 Protection or control system abnormality 331](#_Toc256000406)

[4.8.3 AEMO's advice on power system emergency conditions 331](#_Toc256000407)

[4.8.4 Declaration of conditions 332](#_Toc256000408)

[4.8.4A Reserve level declaration guidelines 332](#_Toc256000409)

[4.8.4B Lack of reserve framework reporting 333](#_Toc256000410)

[4.8.5 Managing declarations of conditions 334](#_Toc256000411)

[4.8.5A Determination of the latest time for AEMO intervention 334](#_Toc256000412)

[4.8.5B Notifications of last time of AEMO intervention 335](#_Toc256000413)

[4.8.6 [Deleted] 335](#_Toc256000414)

[4.8.7 Managing a power system contingency event 335](#_Toc256000415)

[4.8.8 [Deleted] 336](#_Toc256000416)

[4.8.9 Power to issue directions and clause 4.8.9 instructions 336](#_Toc256000417)

[4.8.9A System security directions 338](#_Toc256000418)

[4.8.10 Disconnection of generating units and market network services 338](#_Toc256000419)

[4.8.11 [Deleted] 338](#_Toc256000420)

[4.8.12 System restart plan and local black system procedures 338](#_Toc256000421)

[4.8.13 [Deleted] 340](#_Toc256000422)

[4.8.14 Power system restoration 340](#_Toc256000423)

[4.8.15 Review of operating incidents 340](#_Toc256000424)

[4.8.16 AEMO reporting on frequency performance 342](#_Toc256000425)

[4.9 Power System Security Related Market Operations 343](#_Toc256000426)

[4.9.1 Load forecasting 343](#_Toc256000427)

[4.9.2 Instructions to Scheduled Generators and Semi-Scheduled Generators 344](#_Toc256000428)

[4.9.2A Dispatch Instructions to Scheduled Network Service Providers 345](#_Toc256000429)

[4.9.3 Instructions to Registered Participants 345](#_Toc256000430)

[4.9.3A Ancillary services instructions 346](#_Toc256000431)

[4.9.3B Compliance with dispatch instructions 347](#_Toc256000432)

[4.9.4 Dispatch related limitations on Scheduled Generators and Semi-Scheduled Generators 347](#_Toc256000433)

[4.9.4A Dispatch related limitations on Scheduled Network Service Providers 348](#_Toc256000434)

[4.9.5 Form of dispatch instructions 349](#_Toc256000435)

[4.9.6 Commitment of scheduled generating units 349](#_Toc256000436)

[4.9.7 De-commitment, or output reduction, by Scheduled Generators 350](#_Toc256000437)

[4.9.8 General responsibilities of Registered Participants 351](#_Toc256000438)

[4.9.9 Scheduled Generator plant changes 352](#_Toc256000439)

[4.9.9A Scheduled Network Service Provider plant changes 353](#_Toc256000440)

[4.9.9B Ancillary service plant changes 353](#_Toc256000441)

[4.9.9C Inertia network service availability changes 353](#_Toc256000442)

[4.9.9D System strength service availability changes 353](#_Toc256000443)

[4.10 Power System Operating Procedures 353](#_Toc256000444)

[4.10.1 Power system operating procedures 353](#_Toc256000445)

[4.10.2 Transmission network operations 354](#_Toc256000446)

[4.10.3 Operating interaction with distribution networks 355](#_Toc256000447)

[4.10.4 Switching of a Distributor's high voltage networks 355](#_Toc256000448)

[4.10.5 Switching of reactive power facilities 356](#_Toc256000449)

[4.10.6 Automatic reclose 356](#_Toc256000450)

[4.10.7 Inspection of facilities by AEMO 356](#_Toc256000451)

[4.11 Power System Security Support 356](#_Toc256000452)

[4.11.1 Remote control and monitoring devices 356](#_Toc256000453)

[4.11.2 Operational control and indication communication facilities 358](#_Toc256000454)

[4.11.3 Power system voice/data operational communication facilities 358](#_Toc256000455)

[4.11.4 Records of power system operational communication 360](#_Toc256000456)

[4.11.5 Agent communications 360](#_Toc256000457)

[4.12 Nomenclature Standards 361](#_Toc256000458)

[4.13 [Deleted] 362](#_Toc256000459)

[4.14 Acceptance of Performance Standards 362](#_Toc256000460)

[4.15 Compliance with Performance Standards 364](#_Toc256000461)

[4.16 Transitioning arrangements for establishment of performance standards 367](#_Toc256000462)

[4.16.1 Definitions 367](#_Toc256000463)

[4.16.2 Exclusions 369](#_Toc256000464)

[4.16.3 Notification and acceptance of performance standards 369](#_Toc256000465)

[4.16.4 Actual capability 374](#_Toc256000466)

[4.16.5 Criteria for, and negotiation of, performance standards 375](#_Toc256000467)

[4.16.6 Consultation with and assistance by Network Service Providers 377](#_Toc256000468)

[4.16.7 Referral to expert determination 378](#_Toc256000469)

[4.16.8 Prior actions 378](#_Toc256000470)

[4.16.9 Deemed performance standards 379](#_Toc256000471)

[4.16.10 Modification of connection agreements 379](#_Toc256000472)

[4.17 Expert determination 379](#_Toc256000473)

[4.17.1 Performance standards committee and appointment of performance standards experts 379](#_Toc256000474)

[4.17.2 Referral to performance standards expert 381](#_Toc256000475)

[4.17.3 Determinations of performance standards experts 381](#_Toc256000476)

[4.17.4 Other matters 382](#_Toc256000477)

[4A. Retailer Reliability Obligation 387](#_Toc256000478)

[Part A Introduction 387](#_Toc256000479)

[4A.A Definitions 387](#_Toc256000480)

[4A.A.1 Definitions 387](#_Toc256000481)

[4A.A.2 Forecast reliability gap materiality 390](#_Toc256000482)

[4A.A.3 One-in-two year peak demand forecast 390](#_Toc256000483)

[4A.A.4 Peak demand 390](#_Toc256000484)

[Part B Reliability Forecasts 391](#_Toc256000485)

[4A.B.1 Reliability forecast 391](#_Toc256000486)

[4A.B.2 Reliability forecast components 391](#_Toc256000487)

[4A.B.3 Supporting materials 392](#_Toc256000488)

[4A.B.4 Reliability Forecast Guidelines 392](#_Toc256000489)

[4A.B.5 AER Forecasting Best Practice Guidelines 393](#_Toc256000490)

[Part C Reliability Instruments 394](#_Toc256000491)

[Division 1 AEMO request for a reliability instrument 394](#_Toc256000492)

[4A.C.1 AEMO request for a reliability instrument 394](#_Toc256000493)

[4A.C.2 AEMO request for a T-3 reliability instrument 394](#_Toc256000494)

[4A.C.3 AEMO request for a T-1 reliability instrument 395](#_Toc256000495)

[4A.C.4 Related T-3 reliability instrument 395](#_Toc256000496)

[4A.C.5 Notification of a closed forecast reliability gap at T-1 395](#_Toc256000497)

[4A.C.6 Corrections to a request 396](#_Toc256000498)

[4A.C.7 Withdrawing a request 396](#_Toc256000499)

[Division 2 AER making of a reliability instrument 396](#_Toc256000500)

[4A.C.8 AER making of a reliability instrument 396](#_Toc256000501)

[4A.C.9 When a decision by the AER must be made 396](#_Toc256000502)

[4A.C.10 T-1 reliability instrument components 397](#_Toc256000503)

[4A.C.11 AER decision making criteria 397](#_Toc256000504)

[4A.C.12 Reliability Instrument Guidelines 397](#_Toc256000505)

[Part D Liable Entities 398](#_Toc256000506)

[4A.D.1 Application 398](#_Toc256000507)

[4A.D.2 Liable entities 398](#_Toc256000508)

[4A.D.3 New entrants 399](#_Toc256000509)

[4A.D.4 Application to register as large opt-in customer 399](#_Toc256000510)

[4A.D.5 Application to register as prescribed opt-in customer 400](#_Toc256000511)

[4A.D.6 Thresholds 400](#_Toc256000512)

[4A.D.7 Opt-in cut-off day 401](#_Toc256000513)

[4A.D.8 AER approval of applications 401](#_Toc256000514)

[4A.D.9 AER opt-in register 402](#_Toc256000515)

[4A.D.10 Changes to register 402](#_Toc256000516)

[4A.D.11 AER register taken to be correct 402](#_Toc256000517)

[4A.D.12 AEMO Opt-In Procedures 403](#_Toc256000518)

[4A.D.13 AER Opt-In Guidelines 403](#_Toc256000519)

[Part E Qualifying Contracts and Net Contract Position 404](#_Toc256000520)

[Division 1 Key concepts 404](#_Toc256000521)

[4A.E.1 Qualifying contracts 404](#_Toc256000522)

[4A.E.2 Net contract position 405](#_Toc256000523)

[Division 2 Firmness methodologies 405](#_Toc256000524)

[4A.E.3 Firmness methodology 405](#_Toc256000525)

[4A.E.4 Types of methodologies 406](#_Toc256000526)

[4A.E.5 Approval of a bespoke firmness methodology 406](#_Toc256000527)

[Division 3 Reporting net contract position 407](#_Toc256000528)

[4A.E.6 Reporting requirements 407](#_Toc256000529)

[Division 4 Adjustment of net contract position 408](#_Toc256000530)

[4A.E.7 Adjustment of net contract position 408](#_Toc256000531)

[Division 5 Contracts and Firmness Guidelines 409](#_Toc256000532)

[4A.E.8 Contracts and Firmness Guidelines 409](#_Toc256000533)

[Part F Compliance with the Retailer Reliability Obligation 410](#_Toc256000534)

[Division 1 Application 410](#_Toc256000535)

[4A.F.1 Application 410](#_Toc256000536)

[Division 2 Key concepts 410](#_Toc256000537)

[4A.F.2 Compliance TI 410](#_Toc256000538)

[4A.F.3 Share of one-in-two year peak demand forecast 410](#_Toc256000539)

[Division 3 AEMO notifications to AER 412](#_Toc256000540)

[4A.F.4 AEMO notification of compliance trading intervals 412](#_Toc256000541)

[4A.F.5 AEMO compliance report 412](#_Toc256000542)

[Division 4 AER assessment of compliance 412](#_Toc256000543)

[4A.F.6 Reliability Compliance Procedures and Guidelines 412](#_Toc256000544)

[4A.F.7 AER assessment 413](#_Toc256000545)

[4A.F.8 AER notification to AEMO for PoLR costs 413](#_Toc256000546)

[Division 5 Miscellaneous 414](#_Toc256000547)

[4A.F.9 Demand response information 414](#_Toc256000548)

[4A.F.10 PoLR cost procedures 414](#_Toc256000549)

[Part G Market Liquidity Obligation 414](#_Toc256000550)

[Division 1 Preliminary 414](#_Toc256000551)

[4A.G.1 Overview of Part G 414](#_Toc256000552)

[4A.G.2 Purpose and application 415](#_Toc256000553)

[Division 2 Market Generators and trading right holders 415](#_Toc256000554)

[4A.G.3 Market Generators and generator capacity 415](#_Toc256000555)

[4A.G.4 Trading rights and trading right holders 416](#_Toc256000556)

[Division 3 Trading groups 416](#_Toc256000557)

[4A.G.5 Trading group 416](#_Toc256000558)

[4A.G.6 Controlling entity 417](#_Toc256000559)

[Division 4 Traced capacity and trading group capacity 418](#_Toc256000560)

[4A.G.7 Traced capacity 418](#_Toc256000561)

[4A.G.8 Tracing capacity to trading groups 418](#_Toc256000562)

[4A.G.9 Trading group capacity 419](#_Toc256000563)

[Division 5 MLO generators and MLO groups 419](#_Toc256000564)

[4A.G.10 MLO group 419](#_Toc256000565)

[4A.G.11 MLO generator 419](#_Toc256000566)

[Division 6 Market Generator information 420](#_Toc256000567)

[4A.G.12 MLO register 420](#_Toc256000568)

[4A.G.13 Market Generator information 421](#_Toc256000569)

[4A.G.14 Applications to the AER 422](#_Toc256000570)

[Division 7 Liquidity period 423](#_Toc256000571)

[4A.G.15 Notices prior to a liquidity period 423](#_Toc256000572)

[4A.G.16 Duration of liquidity period 423](#_Toc256000573)

[Division 8 Liquidity obligation 424](#_Toc256000574)

[4A.G.17 Liquidity obligation 424](#_Toc256000575)

[4A.G.18 Performing a liquidity obligation 424](#_Toc256000576)

[4A.G.19 Volume limits 425](#_Toc256000577)

[4A.G.20 Appointment of MLO nominee 426](#_Toc256000578)

[4A.G.21 Exemptions 427](#_Toc256000579)

[Division 9 MLO products and MLO exchange 427](#_Toc256000580)

[4A.G.22 MLO products 427](#_Toc256000581)

[4A.G.23 MLO exchange 428](#_Toc256000582)

[Division 10 Miscellaneous 429](#_Toc256000583)

[4A.G.24 MLO compliance and reporting 429](#_Toc256000584)

[4A.G.25 MLO Guidelines 429](#_Toc256000585)

[Part H Voluntary Book Build 430](#_Toc256000586)

[4A.H.1 Purpose and application 430](#_Toc256000587)

[4A.H.2 Book Build Procedures 430](#_Toc256000588)

[4A.H.3 Commencement of voluntary book build 431](#_Toc256000589)

[4A.H.4 Participation in the voluntary book build 432](#_Toc256000590)

[4A.H.5 Book build fees 432](#_Toc256000591)

[4A.H.6 Reporting 432](#_Toc256000592)

[5. Network Connection Access, Planning and Expansion 435](#_Toc256000593)

[Part A Introduction 435](#_Toc256000594)

[5.1 Introduction to Chapter 5 435](#_Toc256000595)

[5.1.1 Structure of this Chapter 435](#_Toc256000596)

[5.1.2 Overview of Part B and connection and access under the Rules 435](#_Toc256000597)

[Part B Network Connection and Access 438](#_Toc256000598)

[5.1A Introduction to Part B 438](#_Toc256000599)

[5.1A.1 Purpose and Application 438](#_Toc256000600)

[5.1A.2 Principles 440](#_Toc256000601)

[5.2 Obligations 441](#_Toc256000602)

[5.2.1 Obligations of Registered Participants 441](#_Toc256000603)

[5.2.2 Connection agreements 441](#_Toc256000604)

[5.2.3 Obligations of network service providers 442](#_Toc256000605)

[5.2.3A Obligations of Market Network Service Providers 447](#_Toc256000606)

[5.2.4 Obligations of customers 447](#_Toc256000607)

[5.2.5 Obligations of Generators 449](#_Toc256000608)

[5.2.6 Obligations of AEMO 450](#_Toc256000609)

[5.2.6A AEMO review of technical requirements for connection 450](#_Toc256000610)

[5.2.7 Obligations of Dedicated Connection Asset Service Providers 451](#_Toc256000611)

[5.2A Transmission network connection and access 452](#_Toc256000612)

[5.2A.1 Application 452](#_Toc256000613)

[5.2A.2 Relevant assets 452](#_Toc256000614)

[5.2A.3 Connection and access to transmission services 453](#_Toc256000615)

[5.2A.4 Transmission services related to connection 454](#_Toc256000616)

[5.2A.5 Publication and provision of information 458](#_Toc256000617)

[5.2A.6 Negotiating principles 458](#_Toc256000618)

[5.2A.7 Third party IUSAs 459](#_Toc256000619)

[5.2A.8 Access framework for large dedicated connection assets 460](#_Toc256000620)

[5.3 Establishing or Modifying Connection 462](#_Toc256000621)

[5.3.1 Process and procedures 462](#_Toc256000622)

[5.3.1A Application of rule to connection of embedded generating units 462](#_Toc256000623)

[5.3.2 Connection enquiry 463](#_Toc256000624)

[5.3.3 Response to connection enquiry 464](#_Toc256000625)

[5.3.4 Application for connection 467](#_Toc256000626)

[5.3.4A Negotiated access standards 469](#_Toc256000627)

[5.3.4B System strength remediation for new connections 472](#_Toc256000628)

[5.3.5 Preparation of offer to connect 475](#_Toc256000629)

[5.3.6 Offer to connect 476](#_Toc256000630)

[5.3.7 Finalisation of connection agreements and network operating agreements 479](#_Toc256000631)

[5.3.8 Provision and use of information 481](#_Toc256000632)

[5.3.9 Procedure to be followed by a Generator proposing to alter a generating system 482](#_Toc256000633)

[5.3.10 Acceptance of performance standards for generating plant that is altered 484](#_Toc256000634)

[5.3.11 Notification of request to change normal voltage 485](#_Toc256000635)

[5.3A Establishing or modifying connection - embedded generation 485](#_Toc256000636)

[5.3A.1 Application of rule 5.3A 485](#_Toc256000637)

[5.3A.2 Definitions and miscellaneous 486](#_Toc256000638)

[5.3A.3 Publication of Information 487](#_Toc256000639)

[5.3A.4 Fees 488](#_Toc256000640)

[5.3A.5 Enquiry 489](#_Toc256000641)

[5.3A.6 Response to Enquiry 490](#_Toc256000642)

[5.3A.7 Preliminary Response to Enquiry 490](#_Toc256000643)

[5.3A.8 Detailed Response to Enquiry 491](#_Toc256000644)

[5.3A.9 Application for connection 492](#_Toc256000645)

[5.3A.10 Preparation of offer to connect 493](#_Toc256000646)

[5.3A.11 Technical Dispute 494](#_Toc256000647)

[5.3A.12 Network support payments and functions 494](#_Toc256000648)

[5.3AA Access arrangements relating to Distribution Networks 494](#_Toc256000649)

[5.3B Application for connection to declared shared network 498](#_Toc256000650)

[5.4 Independent Engineer 498](#_Toc256000651)

[5.4.1 Application 498](#_Toc256000652)

[5.4.2 Establishment of a pool 499](#_Toc256000653)

[5.4.3 Initiating the Independent Engineer process 499](#_Toc256000654)

[5.4.4 Referral to the Adviser 500](#_Toc256000655)

[5.4.5 Proceedings and decisions of the Independent Engineer 501](#_Toc256000656)

[5.4.6 Costs of the Independent Engineer 501](#_Toc256000657)

[5.4A [Deleted] 502](#_Toc256000658)

[5.4AA [Deleted] 502](#_Toc256000659)

[5.5 Commercial arbitration for prescribed and negotiated transmission services and large DCA services 502](#_Toc256000660)

[5.5.1 Application 502](#_Toc256000661)

[5.5.2 Notification of dispute 502](#_Toc256000662)

[5.5.3 Appointment of commercial arbitrator 503](#_Toc256000663)

[5.5.4 Procedures of commercial arbitrator 504](#_Toc256000664)

[5.5.5 Powers of commercial arbitrator in determining disputes 504](#_Toc256000665)

[5.5.6 Determination of disputes 505](#_Toc256000666)

[5.5.7 Costs of dispute 506](#_Toc256000667)

[5.5.8 Enforcement of agreement or determination and requirement for reasons 506](#_Toc256000668)

[5.5.9 Miscellaneous 507](#_Toc256000669)

[5.5A [Deleted] 507](#_Toc256000670)

[Part C Post-Connection Agreement matters 507](#_Toc256000671)

[5.6 Design of Connected Equipment 507](#_Toc256000672)

[5.6.1 Application 507](#_Toc256000673)

[5.6.2 Advice of inconsistencies 507](#_Toc256000674)

[5.6.3 Additional information 508](#_Toc256000675)

[5.6.4 Advice on possible non-compliance 508](#_Toc256000676)

[5.6A [Deleted] 509](#_Toc256000677)

[5.7 Inspection and Testing 509](#_Toc256000678)

[5.7.1 Right of entry and inspection 509](#_Toc256000679)

[5.7.2 Right of testing 511](#_Toc256000680)

[5.7.3 Tests to demonstrate compliance with connection requirements for generators 512](#_Toc256000681)

[5.7.3A Tests to demonstrate compliance with system strength remediation schemes 513](#_Toc256000682)

[5.7.4 Routine testing of protection equipment 515](#_Toc256000683)

[5.7.5 Testing by Registered Participants of their own plant requiring changes to normal operation 516](#_Toc256000684)

[5.7.6 Tests of generating units requiring changes to normal operation 518](#_Toc256000685)

[5.7.7 Inter-network power system tests 519](#_Toc256000686)

[5.7.8 Contestable IUSA components 525](#_Toc256000687)

[5.8 Commissioning 525](#_Toc256000688)

[5.8.1 Requirement to inspect and test equipment 525](#_Toc256000689)

[5.8.2 Co-ordination during commissioning 526](#_Toc256000690)

[5.8.3 Control and protection settings for equipment 526](#_Toc256000691)

[5.8.4 Commissioning program 527](#_Toc256000692)

[5.8.5 Commissioning tests 528](#_Toc256000693)

[5.9 Disconnection and Reconnection 528](#_Toc256000694)

[5.9.1 Voluntary disconnection 528](#_Toc256000695)

[5.9.2 Decommissioning procedures 529](#_Toc256000696)

[5.9.3 Involuntary disconnection 529](#_Toc256000697)

[5.9.4 Direction to disconnect 530](#_Toc256000698)

[5.9.4A Notification of disconnection 530](#_Toc256000699)

[5.9.5 Disconnection during an emergency 531](#_Toc256000700)

[5.9.6 Obligation to reconnect 531](#_Toc256000701)

[Part D Network Planning and Expansion 532](#_Toc256000702)

[5.10 Network development generally 532](#_Toc256000703)

[5.10.1 Content of Part D 532](#_Toc256000704)

[5.10.2 Definitions 533](#_Toc256000705)

[5.10.3 Interpretation 538](#_Toc256000706)

[5.11 Forecasts of connection to transmission network and identification of system limitations 538](#_Toc256000707)

[5.11.1 Forecasts for connection to transmission network 538](#_Toc256000708)

[5.11.2 Identification of network limitations 539](#_Toc256000709)

[5.12 Transmission annual planning process 539](#_Toc256000710)

[5.12.1 Transmission annual planning review 539](#_Toc256000711)

[5.12.2 Transmission Annual Planning Report 540](#_Toc256000712)

[5.13 Distribution annual planning process 544](#_Toc256000713)

[5.13.1 Distribution annual planning review 544](#_Toc256000714)

[5.13.2 Distribution Annual Planning Report 545](#_Toc256000715)

[5.13.3 Distribution system limitation template 546](#_Toc256000716)

[5.13A Distribution zone substation information 547](#_Toc256000717)

[5.14 Joint planning 549](#_Toc256000718)

[5.14.1 Joint planning obligations of Transmission Network Service Providers and Distribution Network Service Providers 549](#_Toc256000719)

[5.14.2 Joint planning obligations of Distribution Network Service Providers and Distribution Network Service Providers 550](#_Toc256000720)

[5.14.3 Joint planning obligations of Transmission Network Service Providers 551](#_Toc256000721)

[5.14.4 Joint planning by Transmission Network Service Providers and AEMO 551](#_Toc256000722)

[5.14A Joint planning in relation to retirement or de-ratings of network assets forming part of the Declared Shared Network 552](#_Toc256000723)

[5.14B TAPR Guidelines 552](#_Toc256000724)

[5.14B.1 Development of TAPR Guidelines 552](#_Toc256000725)

[5.15 Regulatory investment tests generally 552](#_Toc256000726)

[5.15.1 Interested parties 552](#_Toc256000727)

[5.15.2 Identification of a credible option 552](#_Toc256000728)

[5.15.3 Review of costs thresholds 554](#_Toc256000729)

[5.15.4 Costs determinations 556](#_Toc256000730)

[5.15A Regulatory investment test for transmission 556](#_Toc256000731)

[5.15A.1 General principles and application 556](#_Toc256000732)

[5.15A.2 Principles for RIT-T projects which are not actionable ISP projects 557](#_Toc256000733)

[5.15A.3 Principles for actionable ISP projects 559](#_Toc256000734)

[5.16 Application of RIT-T to RIT-T projects which are not actionable ISP projects 561](#_Toc256000735)

[5.16.1 Application 561](#_Toc256000736)

[5.16.2 Regulatory investment test for transmission application guidelines 561](#_Toc256000737)

[5.16.3 Investments subject to the regulatory investment test for transmission 562](#_Toc256000738)

[5.16.4 Regulatory investment test for transmission procedures 565](#_Toc256000739)

[5.16.5 [Deleted] 571](#_Toc256000740)

[5.16B Disputes in relation to application of regulatory investment test for transmission 571](#_Toc256000741)

[5.16.6 [Deleted] 573](#_Toc256000742)

[5.16A Application of the RIT-T to actionable ISP Projects 573](#_Toc256000743)

[5.16A.1 Application 573](#_Toc256000744)

[5.16A.2 Cost Benefit Analysis Guidelines 573](#_Toc256000745)

[5.16A.3 Actionable ISP projects subject to the RIT-T 574](#_Toc256000746)

[5.16A.4 Regulatory investment test for transmission procedures 574](#_Toc256000747)

[5.16A.5 Actionable ISP project trigger event 577](#_Toc256000748)

[5.17 Regulatory investment test for distribution 578](#_Toc256000749)

[5.17.1 Principles 578](#_Toc256000750)

[5.17.2 Regulatory investment test for distribution application guidelines 580](#_Toc256000751)

[5.17.3 Projects subject to the regulatory investment test for distribution 581](#_Toc256000752)

[5.17.4 Regulatory investment test for distribution procedures 583](#_Toc256000753)

[5.17.5 Disputes in relation to application of regulatory investment test for distribution 587](#_Toc256000754)

[5.18 Construction of funded augmentations 589](#_Toc256000755)

[5.18A Large generator connections 590](#_Toc256000756)

[5.18A.1 Definitions 590](#_Toc256000757)

[5.18A.2 Register of large generator connections 590](#_Toc256000758)

[5.18A.3 Impact assessment of large generator connections 591](#_Toc256000759)

[5.18B Completed embedded generation projects 592](#_Toc256000760)

[5.18B.1 Definitions 592](#_Toc256000761)

[5.18B.2 Register of completed embedded generation projects 592](#_Toc256000762)

[5.19 SENE Design and Costing Study 593](#_Toc256000763)

[5.19.1 Definitions 593](#_Toc256000764)

[5.19.2 Interpretation 593](#_Toc256000765)

[5.19.3 Request for SENE Design and Costing Study 594](#_Toc256000766)

[5.19.4 Content of SENE Design and Costing Study 595](#_Toc256000767)

[5.19.5 Co-operation of other Network Service Providers 596](#_Toc256000768)

[5.19.6 Publication of SENE Design and Costing Study report 596](#_Toc256000769)

[5.19.7 Provision and use of information 596](#_Toc256000770)

[5.20 System security reports 597](#_Toc256000771)

[5.20.1 Definitions 597](#_Toc256000772)

[5.20.2 Publication of NSCAS methodology 597](#_Toc256000773)

[5.20.3 Publication of NSCAS Report 598](#_Toc256000774)

[5.20.4 Inertia requirements methodology 598](#_Toc256000775)

[5.20.5 Publication of Inertia Report 599](#_Toc256000776)

[5.20.6 Publication of system strength requirements methodologies 599](#_Toc256000777)

[5.20.7 Publication of System Strength Report 600](#_Toc256000778)

[5.20A Frequency management planning 600](#_Toc256000779)

[5.20A.1 Power system frequency risk review 600](#_Toc256000780)

[5.20A.2 Power system frequency risk review process 601](#_Toc256000781)

[5.20A.3 Power system frequency risk review report 601](#_Toc256000782)

[5.20A.4 Request for protected event declaration 602](#_Toc256000783)

[5.20A.5 Request to revoke a protected event declaration 603](#_Toc256000784)

[5.20B Inertia sub-networks and requirements 603](#_Toc256000785)

[5.20B.1 Boundaries of inertia sub-networks 603](#_Toc256000786)

[5.20B.2 Inertia requirements 604](#_Toc256000787)

[5.20B.3 Inertia shortfalls 604](#_Toc256000788)

[5.20B.4 Inertia Service Provider to make available inertia services 605](#_Toc256000789)

[5.20B.5 Inertia support activities 607](#_Toc256000790)

[5.20B.6 Inertia network services information and approvals 608](#_Toc256000791)

[5.20C System strength requirements 610](#_Toc256000792)

[5.20C.1 System strength requirements 610](#_Toc256000793)

[5.20C.2 Fault level shortfalls 611](#_Toc256000794)

[5.20C.3 System Strength Service Provider to make available system strength services 611](#_Toc256000795)

[5.20C.4 System strength services information and approvals 613](#_Toc256000796)

[5.21 AEMO's obligation to publish information and guidelines and provide advice 615](#_Toc256000797)

[5.22 Integrated System Plan 617](#_Toc256000798)

[5.22.1 Duty of AEMO to make Integrated System Plan 617](#_Toc256000799)

[5.22.2 Purpose of the ISP 617](#_Toc256000800)

[5.22.3 Power system needs 617](#_Toc256000801)

[5.22.4 ISP timetable 617](#_Toc256000802)

[5.22.5 Guidelines relevant to the ISP 618](#_Toc256000803)

[5.22.6 Content of Integrated System Plan 619](#_Toc256000804)

[5.22.7 ISP consumer panel 621](#_Toc256000805)

[5.22.8 Preliminary consultations 621](#_Toc256000806)

[5.22.9 AER transparency review on Inputs, Assumptions and Scenarios Report 622](#_Toc256000807)

[5.22.10 Preparation of ISP 623](#_Toc256000808)

[5.22.11 Draft Integrated System Plan 625](#_Toc256000809)

[5.22.12 Non-network options 626](#_Toc256000810)

[5.22.13 AER transparency review of draft Integrated System Plan 627](#_Toc256000811)

[5.22.14 Final Integrated System Plan 627](#_Toc256000812)

[5.22.15 ISP updates 627](#_Toc256000813)

[5.22.16 ISP database 629](#_Toc256000814)

[5.22.17 Jurisdictional planning bodies and jurisdictional planning representatives 629](#_Toc256000815)

[5.22.18 NTP Functions 629](#_Toc256000816)

[5.23 Disputes in relation to an ISP 630](#_Toc256000817)

[5.23.1 Disputing party 630](#_Toc256000818)

[5.23.2 Initial AER review 630](#_Toc256000819)

[5.23.3 Provision of further information 631](#_Toc256000820)

[5.23.4 AER determination 631](#_Toc256000821)

[Schedule 5.1a System standards 632](#_Toc256000822)

[S5.1a.1 Purpose 632](#_Toc256000823)

[S5.1a.2 Frequency 632](#_Toc256000824)

[S5.1a.3 System stability 632](#_Toc256000825)

[S5.1a.4 Power frequency voltage 633](#_Toc256000826)

[S5.1a.5 Voltage fluctuations 634](#_Toc256000827)

[S5.1a.6 Voltage waveform distortion 634](#_Toc256000828)

[S5.1a.7 Voltage unbalance 635](#_Toc256000829)

[S5.1a.8 Fault clearance times 636](#_Toc256000830)

[Schedule 5.1 Network Performance Requirements to be Provided or Co-ordinated by Network Service Providers 637](#_Toc256000831)

[S5.1.1 Introduction 637](#_Toc256000832)

[S5.1.2 Network reliability 638](#_Toc256000833)

[S5.1.2.1 Credible contingency events 638](#_Toc256000834)

[S5.1.2.2 Network service within a region 639](#_Toc256000835)

[S5.1.2.3 Network service between regions 640](#_Toc256000836)

[S5.1.3 Frequency variations 640](#_Toc256000837)

[S5.1.4 Magnitude of power frequency voltage 640](#_Toc256000838)

[S5.1.5 Voltage fluctuations 641](#_Toc256000839)

[S5.1.6 Voltage harmonic or voltage notching distortion 642](#_Toc256000840)

[S5.1.7 Voltage unbalance 643](#_Toc256000841)

[S5.1.8 Stability 644](#_Toc256000842)

[S5.1.9 Protection systems and fault clearance times 645](#_Toc256000843)

[S5.1.10 Load, generation and network control facilities 648](#_Toc256000844)

[S5.1.10.1 General 648](#_Toc256000845)

[S5.1.10.1a Emergency frequency control schemes 649](#_Toc256000846)

[S5.1.10.2 Distribution Network Service Providers 650](#_Toc256000847)

[S5.1.10.3 Transmission Network Service Providers 650](#_Toc256000848)

[S5.1.11 Automatic reclosure of transmission or distribution lines 651](#_Toc256000849)

[S5.1.12 Rating of transmission lines and equipment 651](#_Toc256000850)

[S5.1.13 Information to be provided 652](#_Toc256000851)

[Schedule 5.2 Conditions for Connection of Generators 652](#_Toc256000852)

[S5.2.1 Outline of requirements 652](#_Toc256000853)

[S5.2.2 Application of Settings 653](#_Toc256000854)

[S5.2.3 Technical matters to be coordinated 653](#_Toc256000855)

[S5.2.4 Provision of information 654](#_Toc256000856)

[S5.2.5 Technical requirements 657](#_Toc256000857)

[S5.2.5.1 Reactive power capability 657](#_Toc256000858)

[S5.2.5.2 Quality of electricity generated 658](#_Toc256000859)

[S5.2.5.3 Generating system response to frequency disturbances 659](#_Toc256000860)

[S5.2.5.4 Generating system response to voltage disturbances 662](#_Toc256000861)

[S5.2.5.5 Generating system response to disturbances following contingency events 664](#_Toc256000862)

[S5.2.5.6 Quality of electricity generated and continuous uninterrupted operation 672](#_Toc256000863)

[S5.2.5.7 Partial load rejection 672](#_Toc256000864)

[S5.2.5.8 Protection of generating systems from power system disturbances 672](#_Toc256000865)

[S5.2.5.9 Protection systems that impact on power system security 674](#_Toc256000866)

[S5.2.5.10 Protection to trip plant for unstable operation 675](#_Toc256000867)

[S5.2.5.11 Frequency control 676](#_Toc256000868)

[S5.2.5.12 Impact on network capability 679](#_Toc256000869)

[S5.2.5.13 Voltage and reactive power control 680](#_Toc256000870)

[S5.2.5.14 Active power control 687](#_Toc256000871)

[S5.2.6 Monitoring and control requirements 689](#_Toc256000872)

[S5.2.6.1 Remote Monitoring 689](#_Toc256000873)

[S5.2.6.2 Communications equipment 691](#_Toc256000874)

[S5.2.7 Power station auxiliary supplies 692](#_Toc256000875)

[S5.2.8 Fault current 692](#_Toc256000876)

[Schedule 5.3 Conditions for Connection of Customers 694](#_Toc256000877)

[S5.3.1a Introduction to the schedule 694](#_Toc256000878)

[S5.3.1 Information 695](#_Toc256000879)

[S5.3.2 Design standards 696](#_Toc256000880)

[S5.3.3 Protection systems and settings 697](#_Toc256000881)

[S5.3.4 Settings of protection and control systems 698](#_Toc256000882)

[S5.3.5 Power factor requirements 699](#_Toc256000883)

[S5.3.6 Balancing of load currents 699](#_Toc256000884)

[S5.3.7 Voltage fluctuations 700](#_Toc256000885)

[S5.3.8 Harmonics and voltage notching 700](#_Toc256000886)

[S5.3.9 Design requirements for Network Users' substations 701](#_Toc256000887)

[S5.3.10 Load shedding facilities 701](#_Toc256000888)

[Schedule 5.3a Conditions for connection of Market Network Services 702](#_Toc256000889)

[S5.3a.1a Introduction to the schedule 702](#_Toc256000890)

[S5.3a.1 Provision of Information 703](#_Toc256000891)

[S5.3a.2 Application of settings 704](#_Toc256000892)

[S5.3a.3 Technical matters to be co-ordinated 705](#_Toc256000893)

[S5.3a.4 Monitoring and control requirements 706](#_Toc256000894)

[S5.3a.4.1 Remote Monitoring 706](#_Toc256000895)

[S5.3a.4.2 [Deleted] 706](#_Toc256000896)

[S5.3a.4.3 Communications equipment 706](#_Toc256000897)

[S5.3a.5 Design standards 707](#_Toc256000898)

[S5.3a.6 Protection systems and settings 707](#_Toc256000899)

[S5.3a.7 [Deleted] 709](#_Toc256000900)

[S5.3a.8 Reactive power capability 709](#_Toc256000901)

[S5.3a.9 Balancing of load currents 709](#_Toc256000902)

[S5.3a.10 Voltage fluctuations 710](#_Toc256000903)

[S5.3a.11 Harmonics and voltage notching 710](#_Toc256000904)

[S5.3a.12 Design requirements for Market Network Service Providers' substations 710](#_Toc256000905)

[S5.3a.13 Market network service response to disturbances in the power system 711](#_Toc256000906)

[S5.3a.14 Protection of market network services from power system disturbances 711](#_Toc256000907)

[Schedule 5.4 Information to be Provided with Preliminary Enquiry 712](#_Toc256000908)

[Schedule 5.4A Preliminary Response 713](#_Toc256000909)

[Schedule 5.4B Detailed Response to Enquiry 715](#_Toc256000910)

[Schedule 5.5 Technical Details to Support Application for Connection and Connection Agreement 717](#_Toc256000911)

[S5.5.1 Introduction to the schedule 717](#_Toc256000912)

[S5.5.2 Categories of data 717](#_Toc256000913)

[S5.5.3 Review, change and supply of data 718](#_Toc256000914)

[S5.5.4 Data Requirements 718](#_Toc256000915)

[S5.5.5 Asynchronous generating unit data 719](#_Toc256000916)

[S5.5.6 Generating units smaller than 30MW data 719](#_Toc256000917)

[S5.5.7 Power System Design Data Sheet, Power System Setting Data Sheet and Power System Model Guidelines 719](#_Toc256000918)

[Schedule 5.5.1 [Deleted] 722](#_Toc256000919)

[Schedule 5.5.2 [Deleted] 722](#_Toc256000920)

[Schedule 5.5.3 Network and plant technical data of equipment at or near connection point 722](#_Toc256000921)

[Schedule 5.5.4 Network Plant and Apparatus Setting Data 725](#_Toc256000922)

[Schedule 5.5.5 Load Characteristics at Connection Point 727](#_Toc256000923)

[Schedule 5.6 Terms and Conditions of Connection agreements and network operating agreements 728](#_Toc256000924)

[Part A Connection agreements 728](#_Toc256000925)

[Part B Network Operating Agreements 729](#_Toc256000926)

[Schedule 5.7 Annual Forecast Information for Planning Purposes 730](#_Toc256000927)

[Schedule 5.8 Distribution Annual Planning Report 732](#_Toc256000928)

[Schedule 5.9 Demand side engagement document (clause 5.13.1(h)) 738](#_Toc256000929)

[Schedule 5.10 Information requirements for Primary Transmission Network Service Providers (clause 5.2A.5) 739](#_Toc256000930)

[Schedule 5.11 Negotiating principles for negotiated transmission services (clause 5.2A.6) 743](#_Toc256000931)

[Schedule 5.12 Negotiating principles for large DCA services 744](#_Toc256000932)

[5A. Electricity connection for retail customers 749](#_Toc256000933)

[Part A Preliminary 749](#_Toc256000934)

[5A.A.1 Definitions 749](#_Toc256000935)

[5A.A.2 Application of this Chapter 752](#_Toc256000936)

[5A.A.3 Small Generation Aggregator deemed to be agent of a retail customer 752](#_Toc256000937)

[Part B Standardised offers to provide basic and standard connection services 753](#_Toc256000938)

[Division 1 Basic connection services 753](#_Toc256000939)

[5A.B.1 Obligation to have model standing offer to provide basic connection services 753](#_Toc256000940)

[5A.B.2 Proposed model standing offer for basic connection services 753](#_Toc256000941)

[5A.B.3 Approval of terms and conditions of model standing offer to provide basic connection services 754](#_Toc256000942)

[Division 2 Standard connection services 755](#_Toc256000943)

[5A.B.4 Standard connection services 755](#_Toc256000944)

[5A.B.5 Approval of model standing offer to provide standard connection services 756](#_Toc256000945)

[Division 3 Miscellaneous 756](#_Toc256000946)

[5A.B.6 Amendment etc of model standing offer 756](#_Toc256000947)

[5A.B.7 Publication of model standing offers 757](#_Toc256000948)

[Part C Negotiated connection 757](#_Toc256000949)

[5A.C.1 Negotiation of connection 757](#_Toc256000950)

[5A.C.2 Process of negotiation 758](#_Toc256000951)

[5A.C.3 Negotiation framework 758](#_Toc256000952)

[5A.C.4 Fee to cover cost of negotiation 760](#_Toc256000953)

[Part D Application for connection service 760](#_Toc256000954)

[Division 1 Information 760](#_Toc256000955)

[5A.D.1 Publication of information 760](#_Toc256000956)

[5A.D.1A Register of completed embedded generation projects 761](#_Toc256000957)

[Division 2 Preliminary enquiry 762](#_Toc256000958)

[5A.D.2 Preliminary enquiry 762](#_Toc256000959)

[Division 3 Applications 763](#_Toc256000960)

[5A.D.3 Application process 763](#_Toc256000961)

[5A.D.4 Site inspection 764](#_Toc256000962)

[Part E Connection charges 764](#_Toc256000963)

[5A.E.1 Connection charge principles 764](#_Toc256000964)

[5A.E.2 Itemised statement of connection charges 766](#_Toc256000965)

[5A.E.3 Connection charge guidelines 766](#_Toc256000966)

[5A.E.4 Payment of connection charges 768](#_Toc256000967)

[Part F Formation and integration of connection contracts 768](#_Toc256000968)

[Division 1 Offer and acceptance – basic and standard connection services 768](#_Toc256000969)

[5A.F.1 Distribution Network Service Provider's response to application 768](#_Toc256000970)

[5A.F.2 Acceptance of connection offer 769](#_Toc256000971)

[5A.F.3 Offer and acceptance—application for expedited connection 769](#_Toc256000972)

[Division 2 Offer and acceptance – negotiated connection 769](#_Toc256000973)

[5A.F.4 Negotiated connection offer 769](#_Toc256000974)

[Division 3 Formation of contract 770](#_Toc256000975)

[5A.F.5 Acceptance of connection offer 770](#_Toc256000976)

[Division 4 Contractual performance 770](#_Toc256000977)

[5A.F.6 Carrying out connection work 770](#_Toc256000978)

[5A.F.7 Retailer required for energisation where new connection 771](#_Toc256000979)

[Part G Dispute resolution between Distribution Network Service Providers and customers 771](#_Toc256000980)

[5A.G.1 Relevant disputes 771](#_Toc256000981)

[5A.G.2 Determination of dispute 771](#_Toc256000982)

[5A.G.3 Termination of proceedings 772](#_Toc256000983)

[SCHEDULE 5A.1 – Minimum content requirements for connection contract 772](#_Toc256000984)

[Part A Connection offer not involving embedded generation 772](#_Toc256000985)

[Part B Connection offer involving embedded generation 773](#_Toc256000986)

[6. Economic Regulation of Distribution Services 777](#_Toc256000987)

[Part A Introduction 777](#_Toc256000988)

[6.1 Introduction to Chapter 6 777](#_Toc256000989)

[6.1.1 AER's regulatory responsibility 777](#_Toc256000990)

[6.1.1A [Deleted] 777](#_Toc256000991)

[6.1.2 Structure of this Chapter 777](#_Toc256000992)

[6.1.3 Access to direct control services and negotiated distribution services 778](#_Toc256000993)

[6.1.4 Prohibition of DUOS charges for the export of energy 778](#_Toc256000994)

[Part B Classification of Distribution Services and Distribution Determinations 778](#_Toc256000995)

[6.2 Classification 778](#_Toc256000996)

[6.2.1 Classification of distribution services 778](#_Toc256000997)

[6.2.2 Classification of direct control services as standard control services or alternative control services 779](#_Toc256000998)

[6.2.3 Term for which classification operates 780](#_Toc256000999)

[6.2.3A Distribution Service Classification Guidelines 780](#_Toc256001000)

[6.2.4 Duty of AER to make distribution determinations 781](#_Toc256001001)

[6.2.5 Control mechanisms for direct control services 781](#_Toc256001002)

[6.2.6 Basis of control mechanisms for direct control services 782](#_Toc256001003)

[6.2.7 Negotiated distribution services 782](#_Toc256001004)

[6.2.8 Guidelines 782](#_Toc256001005)

[Part C Building Block Determinations for standard control services 783](#_Toc256001006)

[6.3 Building block determinations 783](#_Toc256001007)

[6.3.1 Introduction 783](#_Toc256001008)

[6.3.2 Contents of building block determination 783](#_Toc256001009)

[6.4 Post-tax revenue model 784](#_Toc256001010)

[6.4.1 Preparation, publication and amendment of post-tax revenue model 784](#_Toc256001011)

[6.4.2 Contents of post-tax revenue model 784](#_Toc256001012)

[6.4.3 Building block approach 784](#_Toc256001013)

[6.4.4 Shared assets 786](#_Toc256001014)

[6.4.5 Expenditure Forecast Assessment Guidelines 787](#_Toc256001015)

[6.4A Capital expenditure incentive mechanisms 787](#_Toc256001016)

[6.4B Asset exemptions 788](#_Toc256001017)

[6.4B.1 Asset exemption decisions and Asset Exemption Guidelines 788](#_Toc256001018)

[6.4B.2 Exemption applications 789](#_Toc256001019)

[6.5 Matters relevant to the making of building block determinations 789](#_Toc256001020)

[6.5.1 Regulatory asset base 789](#_Toc256001021)

[6.5.2 Return on capital 790](#_Toc256001022)

[6.5.3 Estimated cost of corporate income tax 791](#_Toc256001023)

[6.5.4 [Deleted] 791](#_Toc256001024)

[6.5.5 Depreciation 791](#_Toc256001025)

[6.5.6 Forecast operating expenditure 792](#_Toc256001026)

[6.5.7 Forecast capital expenditure 794](#_Toc256001027)

[6.5.8 Efficiency benefit sharing scheme 798](#_Toc256001028)

[6.5.8A Capital expenditure sharing scheme 799](#_Toc256001029)

[6.5.9 The X factor 800](#_Toc256001030)

[6.5.10 Pass through events 801](#_Toc256001031)

[6.6 Adjustments after making of building block determination. 801](#_Toc256001032)

[6.6.1 Cost pass through 801](#_Toc256001033)

[6.6.1A Reporting on jurisdictional schemes 808](#_Toc256001034)

[6.6.2 Service target performance incentive scheme 809](#_Toc256001035)

[6.6.3 Demand management incentive scheme 810](#_Toc256001036)

[6.6.3A Demand management innovation allowance mechanism 811](#_Toc256001037)

[6.6.4 Small-scale incentive scheme 812](#_Toc256001038)

[6.6.5 Reopening of distribution determination for capital expenditure 813](#_Toc256001039)

[6.6A Contingent Projects 816](#_Toc256001040)

[6.6A.1 Acceptance of a contingent project in a distribution determination 816](#_Toc256001041)

[6.6A.2 Amendment of distribution determination for contingent project 818](#_Toc256001042)

[Part D Negotiated distribution services 823](#_Toc256001043)

[6.7 Negotiated distribution services 823](#_Toc256001044)

[6.7.1 Principles relating to access to negotiated distribution services 823](#_Toc256001045)

[6.7.2 Determination of terms and conditions of access for negotiated distribution services 824](#_Toc256001046)

[6.7.3 Negotiating framework determination 825](#_Toc256001047)

[6.7.4 Negotiated Distribution Service Criteria determination 825](#_Toc256001048)

[6.7.5 Preparation of and requirements for negotiating framework for negotiated distribution services 826](#_Toc256001049)

[6.7.6 Confidential information 828](#_Toc256001050)

[Part DA Connection policies 828](#_Toc256001051)

[6.7A Connection policy requirements 828](#_Toc256001052)

[6.7A.1 Preparation of, and requirements for, connection policy 828](#_Toc256001053)

[Part E Regulatory proposal and proposed tariff structure statement 829](#_Toc256001054)

[6.8 Regulatory proposal and proposed tariff structure statement 829](#_Toc256001055)

[6.8.1 AER's framework and approach paper 829](#_Toc256001056)

[6.8.1A Notification of approach to forecasting expenditure 831](#_Toc256001057)

[6.8.2 Submission of regulatory proposal, tariff structure statement and exemption application 832](#_Toc256001058)

[6.9 Preliminary examination and consultation 834](#_Toc256001059)

[6.9.1 Preliminary examination 834](#_Toc256001060)

[6.9.2 Resubmission of proposal 834](#_Toc256001061)

[6.9.2A Confidential information 834](#_Toc256001062)

[6.9.3 Consultation 835](#_Toc256001063)

[6.10 Draft distribution determination and further consultation 836](#_Toc256001064)

[6.10.1 Making of draft distribution determination 836](#_Toc256001065)

[6.10.2 Publication of draft determination and consultation 836](#_Toc256001066)

[6.10.3 Submission of revised proposal 837](#_Toc256001067)

[6.10.4 Submissions on specified matters 837](#_Toc256001068)

[6.11 Distribution determination 838](#_Toc256001069)

[6.11.1 Making of distribution determination 838](#_Toc256001070)

[6.11.1A Out of scope revised regulatory proposal or late submissions 838](#_Toc256001071)

[6.11.2 Notice of distribution determination 839](#_Toc256001072)

[6.11.3 Commencement of distribution determination 839](#_Toc256001073)

[6.12 Requirements relating to draft and final distribution determinations 839](#_Toc256001074)

[6.12.1 Constituent decisions 839](#_Toc256001075)

[6.12.2 Reasons for decisions 843](#_Toc256001076)

[6.12.3 Extent of AER's discretion in making distribution determinations 843](#_Toc256001077)

[6.13 Revocation and substitution of distribution determination for wrong information or error 845](#_Toc256001078)

[6.14 Miscellaneous 845](#_Toc256001079)

[6.14A Distribution Confidentiality Guidelines 846](#_Toc256001080)

[Part F Cost Allocation 846](#_Toc256001081)

[6.15 Cost allocation 846](#_Toc256001082)

[6.15.1 Duty to comply with Cost Allocation Method 846](#_Toc256001083)

[6.15.2 Cost Allocation Principles 846](#_Toc256001084)

[6.15.3 Cost Allocation Guidelines 847](#_Toc256001085)

[6.15.4 Cost Allocation Method 848](#_Toc256001086)

[Part G Distribution consultation procedures 849](#_Toc256001087)

[6.16 Distribution consultation procedures 849](#_Toc256001088)

[Part H Ring-Fencing Arrangements for Distribution Network Service Providers 850](#_Toc256001089)

[6.17 Distribution Ring-Fencing Guidelines 850](#_Toc256001090)

[6.17.1 Compliance with Distribution Ring-Fencing Guidelines 850](#_Toc256001091)

[6.17.2 Development of Distribution Ring-Fencing Guidelines 850](#_Toc256001092)

[Part I Distribution Pricing Rules 851](#_Toc256001093)

[6.18 Distribution Pricing Rules 851](#_Toc256001094)

[6.18.1 Application of this Part 851](#_Toc256001095)

[6.18.1A Tariff structure statement 851](#_Toc256001096)

[6.18.1B Amending a tariff structure statement with the AER's approval 852](#_Toc256001097)

[6.18.1C Sub-threshold tariffs 854](#_Toc256001098)

[6.18.2 Pricing proposals 854](#_Toc256001099)

[6.18.3 Tariff classes 856](#_Toc256001100)

[6.18.4 Principles governing assignment or re-assignment of retail customers to tariff classes and assessment and review of basis of charging 856](#_Toc256001101)

[6.18.5 Pricing principles 857](#_Toc256001102)

[6.18.6 Side constraints on tariffs for standard control services 859](#_Toc256001103)

[6.18.7 Recovery of designated pricing proposal charges 859](#_Toc256001104)

[6.18.7A Recovery of jurisdictional scheme amounts 860](#_Toc256001105)

[6.18.8 Approval of pricing proposal 863](#_Toc256001106)

[6.18.9 Publication of information about tariffs and tariff classes 864](#_Toc256001107)

[6.19. Data Required for Distribution Service Pricing 865](#_Toc256001108)

[6.19.1 Forecast use of networks by Distribution Customers and Embedded Generators 865](#_Toc256001109)

[6.19.2 Confidentiality of distribution network pricing information 865](#_Toc256001110)

[Part J Billing and Settlements 865](#_Toc256001111)

[6.20 Billing and Settlements Process 865](#_Toc256001112)

[6.20.1 Billing for distribution services 865](#_Toc256001113)

[6.20.2 Minimum information to be provided in distribution network service bills 867](#_Toc256001114)

[6.20.3 Settlement between Distribution Network Service Providers 867](#_Toc256001115)

[6.20.4 Obligation to pay 868](#_Toc256001116)

[Part K Prudential requirements, capital contributions and prepayments 868](#_Toc256001117)

[6.21 Distribution Network Service Provider Prudential Requirements 868](#_Toc256001118)

[6.21.1 Prudential requirements for distribution network service 868](#_Toc256001119)

[6.21.2 Capital contributions, prepayments and financial guarantees 869](#_Toc256001120)

[6.21.3 Treatment of past prepayments and capital contributions 869](#_Toc256001121)

[Part L Dispute resolution 869](#_Toc256001122)

[6.22 Dispute Resolution 869](#_Toc256001123)

[6.22.1 Dispute Resolution by the AER 869](#_Toc256001124)

[6.22.2 Determination of dispute 870](#_Toc256001125)

[6.22.3 Termination of access dispute without access determination 871](#_Toc256001126)

[Part M Separate disclosure of transmission and distribution charges 871](#_Toc256001127)

[6.23 Separate disclosure of transmission and distribution charges 871](#_Toc256001128)

[Part N Dual Function Assets 872](#_Toc256001129)

[6.24 Dual Function Assets 872](#_Toc256001130)

[6.24.1 Application of this Part 872](#_Toc256001131)

[6.24.2 Dual Function Assets 872](#_Toc256001132)

[6.25 AER determination of applicable pricing regime for Dual Function Assets 873](#_Toc256001133)

[6.26 Division of Distribution Network Service Provider's revenue 874](#_Toc256001134)

[Part O Annual Benchmarking Report 875](#_Toc256001135)

[6.27 Annual Benchmarking Report 875](#_Toc256001136)

[Part P Distribution Reliability Measures Guidelines 875](#_Toc256001137)

[6.28 Distribution Reliability Measures Guidelines 875](#_Toc256001138)

[Schedule 6.1 Contents of building block proposals 876](#_Toc256001139)

[S6.1.1 Information and matters relating to capital expenditure 876](#_Toc256001140)

[S6.1.2 Information and matters relating to operating expenditure 877](#_Toc256001141)

[S6.1.3 Additional information and matters 877](#_Toc256001142)

[Schedule 6.2 Regulatory Asset Base 880](#_Toc256001143)

[S6.2.1 Establishment of opening regulatory asset base for a regulatory control period 880](#_Toc256001144)

[S6.2.2 Prudency and efficiency of capital expenditure 884](#_Toc256001145)

[S6.2.2A Reduction for inefficient past capital expenditure 885](#_Toc256001146)

[S6.2.2B Depreciation 887](#_Toc256001147)

[S6.2.3 Roll forward of regulatory asset base within the same regulatory control period 887](#_Toc256001148)

[6A. Economic Regulation of Transmission Services 891](#_Toc256001149)

[Part A Introduction 891](#_Toc256001150)

[6A.1 Introduction to Chapter 6A 891](#_Toc256001151)

[6A.1.1 Economic regulation of transmission services generally 891](#_Toc256001152)

[6A.1.2 [Deleted] 892](#_Toc256001153)

[6A.1.3 [Deleted] 892](#_Toc256001154)

[6A.1.4 National regulatory arrangements 892](#_Toc256001155)

[6A.1.5 Application of Chapter 6A to Market Network Service Providers 892](#_Toc256001156)

[6A.1.6 Application of Chapter 6A to AEMO and declared transmission system operators 892](#_Toc256001157)

[Part B Transmission Determinations Generally 893](#_Toc256001158)

[6A.2 Transmission determinations 893](#_Toc256001159)

[6A.2.1 Duty of AER to make transmission determinations 893](#_Toc256001160)

[6A.2.2 Components of transmission determinations 893](#_Toc256001161)

[6A.2.3 Guidelines 893](#_Toc256001162)

[Part C Regulation of Revenue - Prescribed Transmission Services 894](#_Toc256001163)

[6A.3 Allowed revenue from prescribed transmission services 894](#_Toc256001164)

[6A.3.1 Allowed revenue for regulatory year 894](#_Toc256001165)

[6A.3.2 Adjustment of maximum allowed revenue 894](#_Toc256001166)

[6A.4 Revenue determinations 894](#_Toc256001167)

[6A.4.1 Introduction 894](#_Toc256001168)

[6A.4.2 Contents of revenue determination 894](#_Toc256001169)

[6A.5 Post-tax revenue model 895](#_Toc256001170)

[6A.5.1 Introduction 895](#_Toc256001171)

[6A.5.2 Preparation, publication and amendment of post-tax revenue model 896](#_Toc256001172)

[6A.5.3 Contents of post-tax revenue model 896](#_Toc256001173)

[6A.5.4 Building blocks approach 897](#_Toc256001174)

[6A.5.5 Shared assets 898](#_Toc256001175)

[6A.5.6 Expenditure Forecast Assessment Guidelines 899](#_Toc256001176)

[6A.5A Capital expenditure incentive mechanisms 899](#_Toc256001177)

[6A.6 Matters relevant to the making of revenue determinations 900](#_Toc256001178)

[6A.6.1 Regulatory asset base 900](#_Toc256001179)

[6A.6.2 Return on capital 901](#_Toc256001180)

[6A.6.3 Depreciation 901](#_Toc256001181)

[6A.6.4 Estimated cost of corporate income tax 902](#_Toc256001182)

[6A.6.5 Efficiency benefit sharing scheme 903](#_Toc256001183)

[6A.6.5A Capital expenditure sharing scheme 904](#_Toc256001184)

[6A.6.6 Forecast operating expenditure 905](#_Toc256001185)

[6A.6.7 Forecast capital expenditure 907](#_Toc256001186)

[6A.6.8 The X factor 911](#_Toc256001187)

[6A.6.9 Pass through events 912](#_Toc256001188)

[6A.7 Matters relevant to the adjustment of revenue cap after making of revenue determination 912](#_Toc256001189)

[6A.7.1 Reopening of revenue determination for capital expenditure 912](#_Toc256001190)

[6A.7.2 Network support pass through 915](#_Toc256001191)

[6A.7.3 Cost pass through 916](#_Toc256001192)

[6A.7.4 Service target performance incentive scheme 922](#_Toc256001193)

[6A.7.5 Small-scale incentive scheme 923](#_Toc256001194)

[6A.7.6 Demand management innovation allowance mechanism 924](#_Toc256001195)

[6A.8 Contingent Projects 925](#_Toc256001196)

[6A.8.A1 Eligibility for consideration as a contingent project 925](#_Toc256001197)

[6A.8.1 Acceptance of a Contingent Project in a revenue determination 926](#_Toc256001198)

[6A.8.2 Amendment of revenue determination for contingent project 927](#_Toc256001199)

[Part D [Deleted] 932](#_Toc256001200)

[Part E Procedure - Revenue determinations and pricing methodologies 932](#_Toc256001201)

[6A.10 Revenue Proposal and proposed pricing methodology 932](#_Toc256001202)

[6A.10.1A AER's framework and approach paper 932](#_Toc256001203)

[6A.10.1B Notification of approach to forecasting expenditure 934](#_Toc256001204)

[6A.10.1 Submission of proposal, pricing methodology and information 934](#_Toc256001205)

[6A.10.2 [Deleted] 935](#_Toc256001206)

[6A.11 Preliminary examination and consultation 935](#_Toc256001207)

[6A.11.1 Preliminary examination and determination of non-compliance with relevant requirements 935](#_Toc256001208)

[6A.11.2 Resubmission of proposal, framework, pricing methodology or information 936](#_Toc256001209)

[6A.11.2A Confidential information 936](#_Toc256001210)

[6A.11.3 Consultation 937](#_Toc256001211)

[6A.12 Draft decision and further consultation 937](#_Toc256001212)

[6A.12.1 Making of draft decision 937](#_Toc256001213)

[6A.12.2 Publication of draft decision and consultation 938](#_Toc256001214)

[6A.12.3 Submission of revised proposal or pricing methodology 938](#_Toc256001215)

[6A.12.4 Submissions on specified matters 940](#_Toc256001216)

[6A.13 Final decision 940](#_Toc256001217)

[6A.13.1 Making of final decision 940](#_Toc256001218)

[6A.13.2 Refusal to approve amounts, values, framework or pricing methodology 940](#_Toc256001219)

[6A.13.2A Out of scope revised documents or late submissions 941](#_Toc256001220)

[6A.13.3 Notice of final decision 942](#_Toc256001221)

[6A.13.4 Making of transmission determination 942](#_Toc256001222)

[6A.14 Requirements relating to draft and final decisions 942](#_Toc256001223)

[6A.14.1 Contents of decisions 942](#_Toc256001224)

[6A.14.2 Reasons for decisions 944](#_Toc256001225)

[6A.14.3 Circumstances in which matters must be approved or accepted 944](#_Toc256001226)

[6A.15 Revocation of revenue determination or amendment of pricing methodology for wrong information or error 947](#_Toc256001227)

[6A.16 Miscellaneous 947](#_Toc256001228)

[6A.16A Transmission Confidentiality Guidelines 948](#_Toc256001229)

[Part F Information Disclosure 948](#_Toc256001230)

[6A.17 Information disclosure by Transmission Network Service Providers 948](#_Toc256001231)

[6A.17.1 Information to be provided to AER 948](#_Toc256001232)

[6A.17.2 Information Guidelines 949](#_Toc256001233)

[6A.18 [Deleted] 951](#_Toc256001234)

[Part G Cost Allocation 951](#_Toc256001235)

[6A.19 Cost allocation 951](#_Toc256001236)

[6A.19.1 Duty to comply with Cost Allocation Methodology 951](#_Toc256001237)

[6A.19.2 Cost Allocation Principles 951](#_Toc256001238)

[6A.19.3 Cost Allocation Guidelines 952](#_Toc256001239)

[6A.19.4 Cost Allocation Methodology 952](#_Toc256001240)

[Part H Transmission Consultation Procedures 953](#_Toc256001241)

[6A.20 Transmission consultation procedures 953](#_Toc256001242)

[Part I Ring-Fencing Arrangements for Transmission Network Service Providers 955](#_Toc256001243)

[6A.21 Transmission Ring-Fencing Guidelines 955](#_Toc256001244)

[6A.21.1 Compliance with Transmission Ring-Fencing Guidelines 955](#_Toc256001245)

[6A.21.2 Development of Transmission Ring-Fencing Guidelines 955](#_Toc256001246)

[Part J Prescribed Transmission Services - Regulation of Pricing 956](#_Toc256001247)

[6A.22 Terms used in Part J 956](#_Toc256001248)

[6A.22.1 Aggregate annual revenue requirement (AARR) 956](#_Toc256001249)

[6A.22.2 Annual service revenue requirement (ASRR) 957](#_Toc256001250)

[6A.22.3 Meaning of attributable cost share 957](#_Toc256001251)

[6A.22.4 Meaning of attributable connection point cost share 957](#_Toc256001252)

[6A.23 Pricing Principles for Prescribed Transmission Services 957](#_Toc256001253)

[6A.23.1 Introduction 957](#_Toc256001254)

[6A.23.2 Principles for the allocation of the aggregate annual revenue requirement 958](#_Toc256001255)

[6A.23.3 Principles for the allocation of the annual service revenue requirement to connection points 958](#_Toc256001256)

[6A.23.4 Principles for the recovery of the Annual Service Revenue Requirement as prices 961](#_Toc256001257)

[6A.24 Pricing methodology 962](#_Toc256001258)

[6A.24.1 Pricing methodologies generally 962](#_Toc256001259)

[6A.24.2 Publication of pricing methodology and transmission network prices 964](#_Toc256001260)

[6A.24.3 Basis for setting prices pending approval of pricing methodology 964](#_Toc256001261)

[6A.24.4 Basis for setting prices pending approval of maximum allowed revenue 965](#_Toc256001262)

[6A.25 Pricing methodology guidelines for prescribed transmission services 966](#_Toc256001263)

[6A.25.1 Making and amending of pricing methodology guidelines 966](#_Toc256001264)

[6A.25.2 Contents of pricing methodology guidelines 966](#_Toc256001265)

[6A.26 Prudent discounts 967](#_Toc256001266)

[6A.26.1 Agreements for prudent discounts for prescribed transmission services 967](#_Toc256001267)

[6A.26.2 Application to AER for approval of proposed prudent discount amounts 968](#_Toc256001268)

[6A.27 Billing Process 970](#_Toc256001269)

[6A.27.1 Billing for prescribed transmission services 970](#_Toc256001270)

[6A.27.1A Billing of modified load export charges 970](#_Toc256001271)

[6A.27.2 Minimum information to be provided in network service bills 970](#_Toc256001272)

[6A.27.3 Obligation to pay charges for prescribed transmission services 971](#_Toc256001273)

[6A.27.4 Payments between Transmission Network Service Providers in the same region 971](#_Toc256001274)

[6A.27.5 Calculation of financial transfers between Transmission Network Service Providers in the same region 971](#_Toc256001275)

[6A.28 Prudential Requirements 972](#_Toc256001276)

[6A.28.1 Prudential Requirements for prescribed transmission services 972](#_Toc256001277)

[6A.28.2 Capital contribution or prepayment for a specific asset 972](#_Toc256001278)

[6A.28.3 Treatment of past capital contributions 972](#_Toc256001279)

[6A.29 Multiple Transmission Network Service Providers 972](#_Toc256001280)

[6A.29.1 Multiple Transmission Network Service Providers within a region 972](#_Toc256001281)

[6A.29.2 Single Transmission Network Service Provider within a region 973](#_Toc256001282)

[6A.29.3 Allocation over several regions 973](#_Toc256001283)

[6A.29A Modified load export charges 974](#_Toc256001284)

[6A.29A.1 Single Transmission Network Service Provider in a Region 974](#_Toc256001285)

[6A.29A.2 Calculation of the modified load export charges 974](#_Toc256001286)

[6A.29A.3 Calculation of adjustments to the modified load export charge 974](#_Toc256001287)

[6A.29A.4 Billing the modified load export charge 975](#_Toc256001288)

[6A.29A.5 Allocation and billing process where multiple Transmission Network Service Providers in a Region 975](#_Toc256001289)

[Part K Commercial arbitration for disputes about terms and conditions of access for prescribed and negotiated transmission services 976](#_Toc256001290)

[[Deleted] 976](#_Toc256001291)

[Part L Annual Benchmarking Report 976](#_Toc256001292)

[6A.31 Annual Benchmarking Report 976](#_Toc256001293)

[Schedule 6A.1 Contents of Revenue Proposals 976](#_Toc256001294)

[S6A.1.1 Information and matters relating to capital expenditure 976](#_Toc256001295)

[S6A.1.2 Information and matters relating to operating expenditure 977](#_Toc256001296)

[S6A.1.3 Additional information and matters 978](#_Toc256001297)

[Schedule 6A.2 Regulatory Asset Base 980](#_Toc256001298)

[S6A.2.1 Establishment of opening regulatory asset base for a regulatory control period 980](#_Toc256001299)

[S6A.2.2 Prudency and efficiency of capital expenditure 985](#_Toc256001300)

[S6A.2.2A Reduction for inefficient past capital expenditure 985](#_Toc256001301)

[S6A.2.2B Depreciation 987](#_Toc256001302)

[S6A.2.3 Removal of assets from regulatory asset base 988](#_Toc256001303)

[S6A.2.4 Roll forward of regulatory asset base within the same regulatory control period 989](#_Toc256001304)

[Schedule 6A.3 CRNP methodology and modified CRNP methodology 990](#_Toc256001305)

[S6A.3.1 Meaning of optimised replacement cost 990](#_Toc256001306)

[S6A.3.2 CRNP methodology 990](#_Toc256001307)

[S6A.3.3 Modified CRNP methodology 991](#_Toc256001308)

[Schedule 6A.4 Application of this Chapter to AEMO and declared transmission system operators 991](#_Toc256001309)

[S6A.4.1 Application of this Chapter to AEMO etc 991](#_Toc256001310)

[S6A.4.2 Exclusions, qualifications and modifications 992](#_Toc256001311)

[6B. Retail markets 1001](#_Toc256001312)

[Part A Retail support 1001](#_Toc256001313)

[Division 1 Application and definitions 1001](#_Toc256001314)

[6B.A1.1 Application of this Part 1001](#_Toc256001315)

[6B.A1.2 Definitions 1001](#_Toc256001316)

[Division 2 Billing and payment rules 1001](#_Toc256001317)

[6B.A2.1 Obligation to pay 1001](#_Toc256001318)

[6B.A2.2 Direct customer billing and energy-only contracts 1002](#_Toc256001319)

[6B.A2.3 Calculating network charges 1002](#_Toc256001320)

[6B.A2.4 Statement of charges 1002](#_Toc256001321)

[6B.A2.5 Time and manner of payment 1003](#_Toc256001322)

[Division 3 Matters incidental to billing and payment 1003](#_Toc256001323)

[6B.A3.1 Adjustment of network charges 1003](#_Toc256001324)

[6B.A3.2 Tariff reassignment 1003](#_Toc256001325)

[6B.A3.3 Disputed statements of charges 1004](#_Toc256001326)

[6B.A3.4 Interest 1005](#_Toc256001327)

[6B.A3.5 Notification of changes to charges 1005](#_Toc256001328)

[Part B Credit support required for late payment 1006](#_Toc256001329)

[Division 1 Application and definitions 1006](#_Toc256001330)

[6B.B1.1 Application of Part B 1006](#_Toc256001331)

[6B.B1.2 Definitions 1006](#_Toc256001332)

[Division 2 Requirements for credit support 1006](#_Toc256001333)

[6B.B2.1 Distribution Network Service Provider may require credit support in limited circumstances 1006](#_Toc256001334)

[Division 3 Provision of credit support by retailers 1007](#_Toc256001335)

[6B.B3.1 Retailer to provide credit support 1007](#_Toc256001336)

[6B.B3.2 Acceptable form of credit support 1007](#_Toc256001337)

[Division 4 Other Rules relating to credit support 1008](#_Toc256001338)

[6B.B4.1 Application of credit support 1008](#_Toc256001339)

[6B.B4.2 Return of credit support 1008](#_Toc256001340)

[6B.B4.3 Other retailer obligations 1008](#_Toc256001341)

[Schedule 6B.1 Prescribed form of unconditional undertaking for credit support 1008](#_Toc256001342)

[7. Metering 1013](#_Toc256001343)

[Part A Introduction 1013](#_Toc256001344)

[7.1 Introduction to the Metering Chapter 1013](#_Toc256001345)

[7.1.1 Contents 1013](#_Toc256001346)

[Part B Roles and Responsibilities 1013](#_Toc256001347)

[7.2 Role and Responsibility of financially responsible Market Participant 1013](#_Toc256001348)

[7.2.1 Obligations of financially responsible Market Participants to establish metering installations 1013](#_Toc256001349)

[7.2.2 [Not used] 1014](#_Toc256001350)

[7.2.3 Agreements with Local Network Service Provider 1014](#_Toc256001351)

[7.2.4 [Not used] 1014](#_Toc256001352)

[7.2.5 Agreements with Metering Provider 1014](#_Toc256001353)

[7.3 Role and Responsibility of Metering Coordinator 1014](#_Toc256001354)

[7.3.1 Responsibility of the Metering Coordinator 1014](#_Toc256001355)

[7.3.2 Role of the Metering Coordinator 1015](#_Toc256001356)

[7.4 Qualification and Registration of Metering Providers, Metering Data Providers and Embedded Network Managers 1018](#_Toc256001357)

[7.4.1 Qualifications and registration of Metering Providers 1018](#_Toc256001358)

[7.4.2 Qualifications and registration of Metering Data Providers 1019](#_Toc256001359)

[7.4.2A Qualifications and registration of Embedded Network Managers 1019](#_Toc256001360)

[7.4.2B List of Embedded Network Managers 1020](#_Toc256001361)

[7.4.3 Nature of appointment of Metering Provider or Metering Data Provider 1020](#_Toc256001362)

[7.4.4 Deregistration of Metering Providers, Metering Data Providers and Embedded Network Managers 1020](#_Toc256001363)

[7.5 Role and Responsibility of AEMO 1022](#_Toc256001364)

[7.5.1 Responsibility of AEMO for the collection, processing and delivery of metering data 1022](#_Toc256001365)

[7.5.2 AEMO's costs in connection with metering installation 1023](#_Toc256001366)

[7.5A Role and Responsibility of Embedded Network Managers 1023](#_Toc256001367)

[7.5A.1 Responsibility of Embedded Network Managers for management services 1023](#_Toc256001368)

[7.5A.2 EN information 1023](#_Toc256001369)

[Part C Appointment of Metering Coordinator 1024](#_Toc256001370)

[7.6 Appointment of Metering Coordinator 1024](#_Toc256001371)

[7.6.1 Commercial nature of the Metering Coordinator appointment and service provision 1024](#_Toc256001372)

[7.6.2 Persons who may appoint Metering Coordinators 1024](#_Toc256001373)

[7.6.3 Appointment with respect to transmission network connection 1025](#_Toc256001374)

[7.6.4 Type 7 metering installations 1025](#_Toc256001375)

[7.7 Metering Coordinator default arrangements 1026](#_Toc256001376)

[7.7.1 Obligations of financially responsible Market Participants on Metering Coordinator default event and end of contract term 1026](#_Toc256001377)

[7.7.2 Notices to be provided by Metering Coordinator 1027](#_Toc256001378)

[7.7.3 AEMO may issue breach notice 1027](#_Toc256001379)

[Part D Metering installation 1028](#_Toc256001380)

[7.8 Metering installation arrangements 1028](#_Toc256001381)

[7.8.1 Metering installation requirements 1028](#_Toc256001382)

[7.8.2 Metering installation components 1029](#_Toc256001383)

[7.8.3 Small customer metering installations 1033](#_Toc256001384)

[7.8.4 Type 4A metering installation 1033](#_Toc256001385)

[7.8.5 Emergency management 1036](#_Toc256001386)

[7.8.6 Network devices 1036](#_Toc256001387)

[7.8.7 Metering point 1039](#_Toc256001388)

[7.8.8 Metering installation types and accuracy 1039](#_Toc256001389)

[7.8.9 Meter churn 1040](#_Toc256001390)

[7.8.10 Metering installation malfunctions 1040](#_Toc256001391)

[7.8.10A Timeframes for meters to be installed – new connection 1042](#_Toc256001392)

[7.8.10B Timeframes for meters to be installed – where a connection service is not required 1043](#_Toc256001393)

[7.8.10C Timeframes for meters to be installed – where a connection alteration is required 1044](#_Toc256001394)

[7.8.11 Changes to metering equipment, parameters and settings within a metering installation 1046](#_Toc256001395)

[7.8.12 Special site or technology related conditions 1046](#_Toc256001396)

[7.8.13 Joint metering installations 1047](#_Toc256001397)

[7.9 Inspection, Testing and Audit of Metering installations 1048](#_Toc256001398)

[7.9.1 Responsibility for testing 1048](#_Toc256001399)

[7.9.2 Actions in event of non-compliance 1050](#_Toc256001400)

[7.9.3 Audits of information held in metering installations 1050](#_Toc256001401)

[7.9.4 Errors found in metering tests, inspections or audits 1051](#_Toc256001402)

[7.9.5 Retention of test records and documents 1052](#_Toc256001403)

[7.9.6 Metering installation registration process 1053](#_Toc256001404)

[Part E Metering Data 1053](#_Toc256001405)

[7.10 Metering Data Services 1053](#_Toc256001406)

[7.10.1 Metering Data Services 1053](#_Toc256001407)

[7.10.2 Data management and storage 1054](#_Toc256001408)

[7.10.3 Provision of metering data to certain persons 1055](#_Toc256001409)

[7.10.4 Use of check metering data 1055](#_Toc256001410)

[7.10.5 Periodic energy metering 1056](#_Toc256001411)

[7.10.6 Time settings 1056](#_Toc256001412)

[7.10.7 Metering data performance standards 1057](#_Toc256001413)

[7.11 Metering data and database 1058](#_Toc256001414)

[7.11.1 Metering database 1058](#_Toc256001415)

[7.11.2 Data validation, substitution and estimation 1059](#_Toc256001416)

[7.11.3 Changes to energy data or to metering data 1060](#_Toc256001417)

[7.12 Register of Metering Information 1060](#_Toc256001418)

[7.12.1 Metering register 1060](#_Toc256001419)

[7.12.2 Metering register discrepancy 1060](#_Toc256001420)

[7.13 Disclosure of NMI information 1061](#_Toc256001421)

[7.13.1 Application of this Rule 1061](#_Toc256001422)

[7.13.2 NMI and NMI checksum 1061](#_Toc256001423)

[7.13.3 NMI Standing Data 1061](#_Toc256001424)

[7.14 Metering data provision to retail customers 1061](#_Toc256001425)

[Part F Security of metering installation and energy data 1062](#_Toc256001426)

[7.15 Security of metering installation and energy data 1062](#_Toc256001427)

[7.15.1 Confidentiality 1062](#_Toc256001428)

[7.15.2 Security of metering installations 1063](#_Toc256001429)

[7.15.3 Security controls for energy data 1063](#_Toc256001430)

[7.15.4 Additional security controls for small customer metering installations 1065](#_Toc256001431)

[7.15.5 Access to data 1066](#_Toc256001432)

[Part G Procedures 1067](#_Toc256001433)

[7.16 Procedures 1067](#_Toc256001434)

[7.16.1 Obligation to establish, maintain and publish procedures 1067](#_Toc256001435)

[7.16.2 Market Settlement and Transfer Solution Procedures 1068](#_Toc256001436)

[7.16.3 Requirements of the metrology procedure 1068](#_Toc256001437)

[7.16.4 Jurisdictional metrology material in metrology procedure 1070](#_Toc256001438)

[7.16.5 Additional metrology procedure matters 1071](#_Toc256001439)

[7.16.6 Requirements of the service level procedures 1072](#_Toc256001440)

[7.16.6A Requirements of the ENM service level procedures 1073](#_Toc256001441)

[7.16.6B Guide to embedded networks 1074](#_Toc256001442)

[7.16.7 Amendment of procedures in the Metering Chapter 1074](#_Toc256001443)

[7.16.8 National Measurement Act 1075](#_Toc256001444)

[Part H B2B Requirements 1076](#_Toc256001445)

[7.17 B2B Arrangements 1076](#_Toc256001446)

[7.17.1 B2B e-Hub 1076](#_Toc256001447)

[7.17.2 B2B e-Hub Participants 1076](#_Toc256001448)

[7.17.3 Content of the B2B Procedures 1077](#_Toc256001449)

[7.17.4 Changing B2B Procedures 1078](#_Toc256001450)

[7.17.5 B2B Decision 1080](#_Toc256001451)

[7.17.6 Establishment of Information Exchange Committee 1081](#_Toc256001452)

[7.17.7 Functions and powers of Information Exchange Committee 1082](#_Toc256001453)

[7.17.8 Obligations of Members 1083](#_Toc256001454)

[7.17.9 Meetings of Information Exchange Committee 1084](#_Toc256001455)

[7.17.10 Nomination, election and appointment of Members 1084](#_Toc256001456)

[7.17.11 Qualifications of Members 1085](#_Toc256001457)

[7.17.12 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1086](#_Toc256001458)

[7.17.13 Cost Recovery 1087](#_Toc256001459)

[Schedule 7.1 Metering register 1087](#_Toc256001460)

[S7.1.1 General 1087](#_Toc256001461)

[S7.1.2 Metering register information 1087](#_Toc256001462)

[Schedule 7.2 Metering Provider 1088](#_Toc256001463)

[S7.2.1 General 1088](#_Toc256001464)

[S7.2.2 Categories of registration 1089](#_Toc256001465)

[S7.2.3 Capabilities of Metering Providers for metering installations types 1, 2, 3, 4 and 4A 1090](#_Toc256001466)

[S7.2.4 Capabilities of Metering Providers for metering installations types 5 and 6 1092](#_Toc256001467)

[S7.2.5 Capabilities of Metering Providers for small customer metering installations 1093](#_Toc256001468)

[S7.2.6 Capabilities of the Accredited Service Provider category 1093](#_Toc256001469)

[Schedule 7.3 Metering Data Provider 1093](#_Toc256001470)

[S7.3.1 General 1093](#_Toc256001471)

[S7.3.2 Categories of registration 1093](#_Toc256001472)

[S7.3.3 Capabilities of Metering Data Providers 1094](#_Toc256001473)

[S7.3.4 Capabilities of Metering Data Providers for small customer metering installations 1096](#_Toc256001474)

[Schedule 7.4 Types and Accuracy of Metering installations 1096](#_Toc256001475)

[S7.4.1 General requirements 1096](#_Toc256001476)

[S7.4.2 Metering installations commissioned prior to 13 December 1998 1096](#_Toc256001477)

[S7.4.3 Accuracy requirements for metering installations 1097](#_Toc256001478)

[S7.4.4 Check metering 1102](#_Toc256001479)

[S7.4.5 Resolution and accuracy of displayed or captured data 1103](#_Toc256001480)

[S7.4.6 General design standards 1103](#_Toc256001481)

[S7.4.6.1 Design requirements 1103](#_Toc256001482)

[S7.4.6.2 Design guidelines 1104](#_Toc256001483)

[Schedule 7.5 Requirements of minimum services specification 1105](#_Toc256001484)

[S7.5.1 Minimum services specification 1105](#_Toc256001485)

[Schedule 7.6 Inspection and Testing Requirements 1108](#_Toc256001486)

[S7.6.1 General 1108](#_Toc256001487)

[S7.6.2 Technical Guidelines 1110](#_Toc256001488)

[Schedule 7.7 Embedded Network Managers 1111](#_Toc256001489)

[S7.7.1 General 1111](#_Toc256001490)

[S7.7.2 Capabilities of Embedded Network Managers 1111](#_Toc256001491)

[8. Administrative Functions 1115](#_Toc256001492)

[Part A Introductory 1115](#_Toc256001493)

[8.1 Administrative functions 1115](#_Toc256001494)

[8.1.1 [Deleted] 1115](#_Toc256001495)

[8.1.2 [Deleted] 1115](#_Toc256001496)

[8.1.3 Structure of this Chapter 1115](#_Toc256001497)

[Part B Disputes 1115](#_Toc256001498)

[8.2 Dispute Resolution 1115](#_Toc256001499)

[8.2.1 Application and guiding principles 1115](#_Toc256001500)

[8.2.2 The Dispute Resolution Adviser 1118](#_Toc256001501)

[8.2.3 Dispute management systems of Registered Participants and AEMO 1119](#_Toc256001502)

[8.2.4 Stage 1 - dispute resolution through Registered Participants' DMS 1120](#_Toc256001503)

[8.2.5 Stage 2 - dispute resolution process 1122](#_Toc256001504)

[8.2.6A Establishment of Dispute Resolution Panel 1122](#_Toc256001505)

[8.2.6B Parties to DRP Proceedings 1123](#_Toc256001506)

[8.2.6C Proceedings of the DRP 1124](#_Toc256001507)

[8.2.6D Decisions of the DRP 1125](#_Toc256001508)

[8.2.6 [Deleted] 1125](#_Toc256001509)

[8.2.7 Legal representation 1125](#_Toc256001510)

[8.2.8 Cost of dispute resolution 1126](#_Toc256001511)

[8.2.9 Effect of resolution 1126](#_Toc256001512)

[8.2.10 Recording and publication 1127](#_Toc256001513)

[8.2.11 Appeals on questions of law 1127](#_Toc256001514)

[8.2.12 [Deleted] 1127](#_Toc256001515)

[8.2A B2B Determination Disputes 1127](#_Toc256001516)

[8.2A.1 Application of rule 8.2 1127](#_Toc256001517)

[8.2A.2 How rule 8.2 applies 1127](#_Toc256001518)

[8.3 Power to make Electricity Procedures 1130](#_Toc256001519)

[8.4 [Deleted] 1130](#_Toc256001520)

[8.5 [Deleted] 1130](#_Toc256001521)

[Part C Registered Participants' confidentiality obligations 1130](#_Toc256001522)

[8.6 Confidentiality 1130](#_Toc256001523)

[8.6.1 Confidentiality 1130](#_Toc256001524)

[8.6.1A Application 1131](#_Toc256001525)

[8.6.2 Exceptions 1131](#_Toc256001526)

[8.6.3 Conditions 1133](#_Toc256001527)

[8.6.4 [Deleted] 1133](#_Toc256001528)

[8.6.5 Indemnity to AER, AEMC and AEMO 1133](#_Toc256001529)

[8.6.6 AEMO information 1133](#_Toc256001530)

[8.6.7 Information on Rules Bodies 1133](#_Toc256001531)

[Part D Monitoring and reporting 1134](#_Toc256001532)

[8.7 Monitoring and Reporting 1134](#_Toc256001533)

[8.7.1 Monitoring 1134](#_Toc256001534)

[8.7.2 Reporting requirements and monitoring standards for Registered Participants and AEMO 1134](#_Toc256001535)

[8.7.3 Consultation required for making general regulatory information order (Section 28H of the NEL) 1136](#_Toc256001536)

[8.7.4 Preparation of network service provider performance report (Section 28V of the NEL) 1137](#_Toc256001537)

[8.7.5 [Deleted] 1138](#_Toc256001538)

[8.7.6 Recovery of reporting costs 1138](#_Toc256001539)

[Part E Reliability panel 1138](#_Toc256001540)

[8.8 Reliability Panel 1138](#_Toc256001541)

[8.8.1 Purpose of Reliability Panel 1138](#_Toc256001542)

[8.8.2 Constitution of the Reliability Panel 1140](#_Toc256001543)

[8.8.3 Reliability Panel review process 1142](#_Toc256001544)

[8.8.4 Determination of protected events 1144](#_Toc256001545)

[Part F Rules consultation procedures 1146](#_Toc256001546)

[8.9 Rules Consultation Procedures 1146](#_Toc256001547)

[Part G Consumer advocacy funding 1148](#_Toc256001548)

[8.10 Consumer advocacy funding obligation 1148](#_Toc256001549)

[Part H Augmentations 1148](#_Toc256001550)

[8.11 Augmentations 1148](#_Toc256001551)

[8.11.1 Application 1148](#_Toc256001552)

[8.11.2 Object 1148](#_Toc256001553)

[8.11.3 Definitions 1149](#_Toc256001554)

[8.11.4 Planning criteria 1149](#_Toc256001555)

[8.11.5 Construction of augmentation that is not a contestable augmentation 1150](#_Toc256001556)

[8.11.6 Contestable augmentations 1150](#_Toc256001557)

[8.11.7 Construction and operation of contestable augmentation 1151](#_Toc256001558)

[8.11.8 Funded augmentations that are not subject to the tender process 1153](#_Toc256001559)

[8.11.9 Contractual requirements and principles 1153](#_Toc256001560)

[8.11.10 Annual planning review 1154](#_Toc256001561)

[Schedule 8.11 Principles to be reflected in agreements relating to contestable augmentations 1154](#_Toc256001562)

[S8.11.1 Risk allocation 1154](#_Toc256001563)

[S8.11.2 Minimum requirements for agreements relating to contestable augmentation 1155](#_Toc256001564)

[S8.11.3 Matters to be dealt with in relevant agreements 1156](#_Toc256001565)

[Part I Values of customer reliability 1156](#_Toc256001566)

[8.12 Development of methodology and publication of values of customer reliability 1156](#_Toc256001567)

[8A. Participant Derogations 1161](#_Toc256001568)

[Part 1 Derogations Granted to TransGrid 1161](#_Toc256001569)

[8A.1 [Deleted] 1161](#_Toc256001570)

[Part 2 Derogations Granted to EnergyAustralia 1161](#_Toc256001571)

[8A.2 [Deleted] 1161](#_Toc256001572)

[8A.2A [Deleted] 1161](#_Toc256001573)

[Part 3 [Deleted] 1161](#_Toc256001574)

[Part 4 [Deleted] 1161](#_Toc256001575)

[Part 5 [Deleted] 1161](#_Toc256001576)

[Part 6 Derogations Granted to Victorian Market Participants 1161](#_Toc256001577)

[Part 7 [Deleted] 1162](#_Toc256001578)

[Part 8 [Deleted] 1162](#_Toc256001579)

[Part 9 [Deleted] 1162](#_Toc256001580)

[Part 10 [Deleted] 1162](#_Toc256001581)

[Part 11 [Deleted] 1162](#_Toc256001582)

[Part 12 [Deleted] 1162](#_Toc256001583)

[Part 13 Derogation granted to Aurora Energy (Tamar Valley) Pty Ltd 1162](#_Toc256001584)

[8A.13 [Deleted] 1162](#_Toc256001585)

[Part 14 Derogations granted to Ausgrid, Endeavour Energy and Essential Energy 1162](#_Toc256001586)

[8A.14 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1162](#_Toc256001587)

[8A.14.1 Definitions 1162](#_Toc256001588)

[8A.14.2 Expiry date 1166](#_Toc256001589)

[8A.14.3 Application of Rule 8A.14 1166](#_Toc256001590)

[8A.14.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1167](#_Toc256001591)

[8A.14.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1168](#_Toc256001592)

[8A.14.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1169](#_Toc256001593)

[8A.14.7 Requirements for adjustment determination 1170](#_Toc256001594)

[8A.14.8 Application of Chapter 6 under participant derogation 1171](#_Toc256001595)

[Part 15 Derogations granted to ActewAGL 1172](#_Toc256001596)

[8A.15 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1172](#_Toc256001597)

[8A.15.1 Definitions 1172](#_Toc256001598)

[8A.15.2 Expiry date 1176](#_Toc256001599)

[8A.15.3 Application of Rule 8A.15 1176](#_Toc256001600)

[8A.15.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1176](#_Toc256001601)

[8A.15.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1178](#_Toc256001602)

[8A.15.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1179](#_Toc256001603)

[8A.15.7 Requirements for adjustment determination 1181](#_Toc256001604)

[8A.15.8 Application of Chapter 6 under participant derogation 1181](#_Toc256001605)

[9. Jurisdictional Derogations and Transitional Arrangements 1187](#_Toc256001606)

[9.1 Purpose and Application 1187](#_Toc256001607)

[9.1.1 Purpose 1187](#_Toc256001608)

[9.1.2 Jurisdictional Derogations 1187](#_Toc256001609)

[Part A Jurisdictional Derogations for Victoria 1187](#_Toc256001610)

[9.2 [Deleted] 1187](#_Toc256001611)

[9.3 Definitions 1187](#_Toc256001612)

[9.3.1 General Definitions 1187](#_Toc256001613)

[9.3.2 [Deleted] 1189](#_Toc256001614)

[9.3A Fault levels 1189](#_Toc256001615)

[9.4 Transitional Arrangements for Chapter 2 - Registered Participants, Registration and Cross Border Networks 1190](#_Toc256001616)

[9.4.1 [Deleted] 1190](#_Toc256001617)

[9.4.2 Smelter Trader 1190](#_Toc256001618)

[9.4.3 Smelter Trader: compliance 1190](#_Toc256001619)

[9.4.4 Report from AER 1193](#_Toc256001620)

[9.4.5 Cross Border Networks 1193](#_Toc256001621)

[9.5 [Deleted] 1194](#_Toc256001622)

[9.6 Transitional Arrangements for Chapter 4 - System Security 1194](#_Toc256001623)

[9.6.1 Operating Procedures (clause 4.10.1) 1194](#_Toc256001624)

[9.6.2 Nomenclature Standards (clause 4.12) 1194](#_Toc256001625)

[9.7 Transitional Arrangements for Chapter 5 - Network Connection 1194](#_Toc256001626)

[9.7.1 [Deleted] 1194](#_Toc256001627)

[9.7.2 [Deleted] 1194](#_Toc256001628)

[9.7.3 [Deleted] 1194](#_Toc256001629)

[9.7.4 Regulation of Distribution Network Connection 1194](#_Toc256001630)

[9.7.5 [Deleted] 1195](#_Toc256001631)

[9.7.6 [Deleted] 1195](#_Toc256001632)

[9.7.7 [Deleted] 1195](#_Toc256001633)

[9.8 Transitional Arrangements for Chapter 6 - Network Pricing 1195](#_Toc256001634)

[9.8.1 [Deleted] 1195](#_Toc256001635)

[9.8.2 [Deleted] 1195](#_Toc256001636)

[9.8.3 [Deleted] 1195](#_Toc256001637)

[9.8.4 Transmission Network Pricing 1195](#_Toc256001638)

[9.8.4A [Deleted] 1197](#_Toc256001639)

[9.8.4B [Deleted] 1197](#_Toc256001640)

[9.8.4C [Deleted] 1197](#_Toc256001641)

[9.8.4D [Deleted] 1197](#_Toc256001642)

[9.8.4E [Deleted] 1197](#_Toc256001643)

[9.8.4F [Deleted] 1197](#_Toc256001644)

[9.8.4G [Deleted] 1197](#_Toc256001645)

[9.8.5 [Deleted] 1197](#_Toc256001646)

[9.8.6 [Deleted] 1197](#_Toc256001647)

[9.8.7 Distribution network pricing – transitional application of former Chapter 6 1197](#_Toc256001648)

[9.8.8 Exclusion of AER's power to aggregate distribution systems and parts of distribution systems 1198](#_Toc256001649)

[9.9 Transitional Arrangements for Chapter 7 - Metering 1198](#_Toc256001650)

[9.9.1 Metering Installations To Which This Schedule Applies 1198](#_Toc256001651)

[9.9.2 [Deleted] 1199](#_Toc256001652)

[9.9.3 [Deleted] 1199](#_Toc256001653)

[9.9.4 [Deleted] 1199](#_Toc256001654)

[9.9.5 [Deleted] 1199](#_Toc256001655)

[9.9.6 [Deleted] 1199](#_Toc256001656)

[9.9.7 [Deleted] 1199](#_Toc256001657)

[9.9.8 [Deleted] 1199](#_Toc256001658)

[9.9.9 Periodic Energy Metering (clause 7.9.3) 1199](#_Toc256001659)

[9.9.10 Use of Alternate Technologies (clause 7.13) 1199](#_Toc256001660)

[9.9A [Deleted] 1200](#_Toc256001661)

[9.9B [Deleted] 1200](#_Toc256001662)

[9.9C [Deleted] 1200](#_Toc256001663)

[1. Interpretation of tables 1200](#_Toc256001664)

[2. Continuing effect 1200](#_Toc256001665)

[3. Subsequent agreement 1201](#_Toc256001666)

[4. [Deleted] 1201](#_Toc256001667)

[5. Reactive Power Capability (clause S5.2.5.1 of schedule 5.2) 1201](#_Toc256001668)

[6. [Deleted] 1202](#_Toc256001669)

[7. [Deleted] 1202](#_Toc256001670)

[8. [Deleted] 1202](#_Toc256001671)

[9. [Deleted] 1202](#_Toc256001672)

[10. [Deleted] 1202](#_Toc256001673)

[11. [Deleted 1202](#_Toc256001674)

[12. [Deleted] 1202](#_Toc256001675)

[13. Governor Systems (load control) (clause S5.2.5.11 of schedule 5.2) 1202](#_Toc256001676)

[14. [Deleted] 1202](#_Toc256001677)

[15. [Deleted] 1202](#_Toc256001678)

[16. Excitation Control System (clause S5.2.5.13 of schedule 5.2) 1202](#_Toc256001679)

[Part B Jurisdictional Derogations for New South Wales 1203](#_Toc256001680)

[9.10 [Deleted] 1203](#_Toc256001681)

[9.11 Definitions 1203](#_Toc256001682)

[9.11.1 Definitions used in this Part B 1203](#_Toc256001683)

[9.12 Transitional Arrangements for Chapter 2 - Generators, Registered Participants, Registration and Cross Border Networks 1204](#_Toc256001684)

[9.12.1 [Deleted] 1204](#_Toc256001685)

[9.12.2 Customers 1204](#_Toc256001686)

[9.12.3 Power Traders 1204](#_Toc256001687)

[9.12.4 Cross Border Networks 1207](#_Toc256001688)

[9.13 [Deleted] 1208](#_Toc256001689)

[9.14 Transitional Arrangements for Chapter 4 - System Security 1208](#_Toc256001690)

[9.14.1 Power System Operating Procedures 1208](#_Toc256001691)

[9.15 NSW contestable services for Chapter 5A 1208](#_Toc256001692)

[9.15.1 Definitions 1208](#_Toc256001693)

[9.15.2 Chapter 5A not to apply to certain contestable services 1208](#_Toc256001694)

[9.16 Transitional Arrangements for Chapter 6 - Network Pricing 1208](#_Toc256001695)

[9.16.1 NSW contestable services 1208](#_Toc256001696)

[9.16.2 [Deleted] 1208](#_Toc256001697)

[9.16.3 Jurisdictional Regulator 1208](#_Toc256001698)

[9.16.4 Deemed Regulated Interconnector 1209](#_Toc256001699)

[9.16.5 [Deleted] 1209](#_Toc256001700)

[9.17 Transitional Arrangements for Chapter 7 - Metering 1209](#_Toc256001701)

[9.17.1 Extent of Derogations 1209](#_Toc256001702)

[9.17.2 Initial Registration (clause 7.1.2) 1209](#_Toc256001703)

[9.17.3 Amendments to Schedule 9G1 1209](#_Toc256001704)

[9.17.4 Compliance with AS/NZ ISO 9002 (clause S7.4.3(f) of schedule 7.4) 1210](#_Toc256001705)

[9.17A [Deleted] 1210](#_Toc256001706)

[9.18 [Deleted] 1210](#_Toc256001707)

[Part C Jurisdictional Derogations for the Australian Capital Territory 1210](#_Toc256001708)

[9.19 [Deleted] 1210](#_Toc256001709)

[9.20 Definitions and Transitional Arrangements for Cross-Border Networks 1210](#_Toc256001710)

[9.20.1 Definitions 1210](#_Toc256001711)

[9.20.2 Cross Border Networks 1210](#_Toc256001712)

[9.21 [Deleted] 1211](#_Toc256001713)

[9.22 [Deleted] 1211](#_Toc256001714)

[9.23 Transitional Arrangements for Chapter 6 - Network Pricing 1211](#_Toc256001715)

[9.23.1 [Deleted] 1211](#_Toc256001716)

[9.23.2 [Deleted] 1211](#_Toc256001717)

[9.23.3 [Deleted 1211](#_Toc256001718)

[9.23.4 [Deleted] 1211](#_Toc256001719)

[9.24 Transitional Arrangements 1211](#_Toc256001720)

[9.24.1 Chapter 7 - Metering 1211](#_Toc256001721)

[9.24.2 [Deleted] 1211](#_Toc256001722)

[9.24A [Deleted] 1211](#_Toc256001723)

[Part D Jurisdictional Derogations for South Australia 1211](#_Toc256001724)

[9.25 Definitions 1211](#_Toc256001725)

[9.25.1 [Deleted] 1211](#_Toc256001726)

[9.25.2 Definitions 1211](#_Toc256001727)

[9.26 Transitional Arrangements for Chapter 2 - Registered Participants, Registration And Cross Border Networks 1214](#_Toc256001728)

[9.26.1 Registration as a Generator 1214](#_Toc256001729)

[9.26.2 Registration as a Customer 1215](#_Toc256001730)

[9.26.3 Cross Border Networks 1215](#_Toc256001731)

[9.26.4 [Deleted] 1215](#_Toc256001732)

[9.26.5 Registration as a Network Service Provider 1215](#_Toc256001733)

[9.27 [Deleted] 1216](#_Toc256001734)

[9.28 Transitional Arrangements for Chapter 5 - Network Connection 1216](#_Toc256001735)

[9.28.1 Application of clause 5.2 1216](#_Toc256001736)

[9.28.2 [Deleted] 1217](#_Toc256001737)

[9.29 Transitional Arrangements for Chapter 6 - Economic Regulation of Distribution Services 1217](#_Toc256001738)

[9.29.1 [Deleted] 1217](#_Toc256001739)

[9.29.2 [Deleted] 1217](#_Toc256001740)

[9.29.3 [Deleted] 1217](#_Toc256001741)

[9.29.4 [Deleted] 1217](#_Toc256001742)

[9.29.5 Distribution Network Pricing – South Australia 1217](#_Toc256001743)

[9.29.6 Capital contributions, prepayments and financial guarantees 1218](#_Toc256001744)

[9.29.7 Ring fencing 1218](#_Toc256001745)

[9.29A Monitoring and reporting 1218](#_Toc256001746)

[9.30 Transitional Provisions 1219](#_Toc256001747)

[9.30.1 Chapter 7 - Metering 1219](#_Toc256001748)

[Part E Jurisdictional Derogations for Queensland 1219](#_Toc256001749)

[9.31 [Deleted] 1219](#_Toc256001750)

[9.32 Definitions and Interpretation 1219](#_Toc256001751)

[9.32.1 Definitions 1219](#_Toc256001752)

[9.32.2 Interpretation 1222](#_Toc256001753)

[9.33 Transitional Arrangements for Chapter 1 1222](#_Toc256001754)

[9.33.1 [Deleted] 1222](#_Toc256001755)

[9.34 Transitional Arrangements for Chapter 2 - Registered Participants and Registration 1222](#_Toc256001756)

[9.34.1 Application of the Rules in Queensland (clauses 2.2 and 2.5) 1222](#_Toc256001757)

[9.34.2 Stanwell Cross Border Leases (clause 2.2) 1222](#_Toc256001758)

[9.34.3 [Deleted] 1222](#_Toc256001759)

[9.34.4 Registration as a Customer (clause 2.3.1) 1222](#_Toc256001760)

[9.34.5 There is no clause 9.34.5 1223](#_Toc256001761)

[9.34.6 Exempted generation agreements (clause 2.2) 1223](#_Toc256001762)

[9.35 [Deleted] 1227](#_Toc256001763)

[9.36 [Deleted] 1227](#_Toc256001764)

[9.37 Transitional Arrangements for Chapter 5 - Network Connection 1227](#_Toc256001765)

[9.37.1 [Deleted] 1227](#_Toc256001766)

[9.37.2 Existing connection and access agreements (clause 5.2) 1227](#_Toc256001767)

[9.37.3 [Deleted] 1228](#_Toc256001768)

[9.37.4 [Deleted] 1228](#_Toc256001769)

[9.37.5 Forecasts for connection points to transmission network (clause 5.11.1) 1228](#_Toc256001770)

[9.37.6 There is no clause 9.37.6 1228](#_Toc256001771)

[9.37.7 Cross Border Networks 1228](#_Toc256001772)

[9.37.8 [Deleted] 1229](#_Toc256001773)

[9.37.9 Credible contingency events (clause S5.1.2.1 of schedule 5.1) 1229](#_Toc256001774)

[9.37.10 Reactive power capability (clause S5.2.5.1 of schedule 5.2) 1229](#_Toc256001775)

[9.37.11 [Deleted] 1230](#_Toc256001776)

[9.37.12 Voltage fluctuations (clause S5.1.5 of schedule 5.1) 1230](#_Toc256001777)

[9.37.13 [Deleted] 1232](#_Toc256001778)

[9.37.14 [Deleted] 1232](#_Toc256001779)

[9.37.15 [Deleted] 1232](#_Toc256001780)

[9.37.16 [Deleted] 1232](#_Toc256001781)

[9.37.17 [Deleted] 1232](#_Toc256001782)

[9.37.18 [Deleted] 1232](#_Toc256001783)

[9.37.19 Generating unit response to disturbances (clause S5.2.5.3 of schedule 5.2) 1232](#_Toc256001784)

[9.37.20 [Deleted] 1232](#_Toc256001785)

[9.37.21 Excitation control system (clause S.5.2.5.13 of schedule 5.2) 1232](#_Toc256001786)

[9.37.22 [Deleted] 1233](#_Toc256001787)

[9.37.23 Annual forecast information for planning purposes (schedule 5.7) 1233](#_Toc256001788)

[9.38 Transitional Arrangements for Chapter 6 - Network Pricing 1233](#_Toc256001789)

[9.38.1 [Deleted] 1233](#_Toc256001790)

[9.38.2 [Deleted] 1233](#_Toc256001791)

[9.38.3 [Deleted] 1233](#_Toc256001792)

[9.38.4 Interconnectors between regions 1233](#_Toc256001793)

[9.38.5 Transmission pricing for exempted generation agreements 1233](#_Toc256001794)

[9.39 Transitional Arrangements for Chapter 7 - Metering 1234](#_Toc256001795)

[9.39.1 Metering installations to which this clause applies 1234](#_Toc256001796)

[9.39.2 [Deleted] 1235](#_Toc256001797)

[9.39.3 [Deleted] 1235](#_Toc256001798)

[9.39.4 [Deleted] 1235](#_Toc256001799)

[9.39.5 [Deleted] 1235](#_Toc256001800)

[9.40 Transitional Arrangements for Chapter 8 - Administration Functions 1235](#_Toc256001801)

[9.40.1 [Deleted] 1235](#_Toc256001802)

[9.40.2 [Deleted] 1235](#_Toc256001803)

[9.40.3 [Deleted] 1235](#_Toc256001804)

[9.41 [Deleted] 1235](#_Toc256001805)

[Part F Jurisdictional Derogations for Tasmania 1236](#_Toc256001806)

[9.42 Definitions and interpretation 1236](#_Toc256001807)

[9.42.1 Definitions 1236](#_Toc256001808)

[9.42.2 Interpretation 1237](#_Toc256001809)

[9.42.3 National grid, power system and related expressions 1237](#_Toc256001810)

[9.43 [Deleted] 1238](#_Toc256001811)

[9.44 Transitional arrangements for Chapter 2 – Registered Participants and Registration - Customers (clause 2.3.1(e)) 1238](#_Toc256001812)

[9.45 Tasmanian Region (clause 3.5) 1238](#_Toc256001813)

[9.47 Transitional arrangements for Chapter 5- Network Connection 1238](#_Toc256001814)

[9.47.1 Existing Connection Agreements 1238](#_Toc256001815)

[9.48 Transitional arrangements - Transmission and Distribution Pricing 1238](#_Toc256001816)

[9.48.4A Ring fencing 1238](#_Toc256001817)

[9.48.4B Uniformity of tariffs for small customers 1239](#_Toc256001818)

[9.48.5 Transmission network 1239](#_Toc256001819)

[9.48.6 Deemed regulated interconnector 1239](#_Toc256001820)

[Part G Schedules to Chapter 9 1239](#_Toc256001821)

[1. Introduction 1239](#_Toc256001822)

[2. [Deleted] 1239](#_Toc256001823)

[3. General Principle 1239](#_Toc256001824)

[4. [Deleted] 1240](#_Toc256001825)

[5. Accuracy Requirements 1240](#_Toc256001826)

[6. [Deleted] 1240](#_Toc256001827)

[7. [Deleted] 1240](#_Toc256001828)

[8. [Deleted] 1240](#_Toc256001829)

[9. [Deleted] 1240](#_Toc256001830)

[10. [Deleted] 1240](#_Toc256001831)

[10. Glossary 1243](#_Toc256001832)

[11. Savings and Transitional Rules 1361](#_Toc256001833)

[Part A Definitions 1361](#_Toc256001834)

[Part B System Restart Ancillary Services (2006 amendments) 1361](#_Toc256001835)

[11.2 Rules consequent on making of the National Electricity Amendment (System Restart Ancillary Services and pricing under market suspension) Rule 2006 1361](#_Toc256001836)

[11.2.1 Transitional provision for acquisition of non-market ancillary services 1361](#_Toc256001837)

[11.3 [Deleted] 1362](#_Toc256001838)

[Part C Dispute Resolution for Regulatory Test (2006 amendments) 1362](#_Toc256001839)

[11.4 Rules consequent on making of the National Electricity Amendment (Dispute Resolution for Regulatory Test) Rule 2006 1362](#_Toc256001840)

[11.4.1 Continuation of things done under old clause 5.6.6 1362](#_Toc256001841)

[Part D Metrology (2006 amendments) 1363](#_Toc256001842)

[11.5 Rules consequential on the making of the National Electricity Amendment (Metrology) Rule 2006 1363](#_Toc256001843)

[11.5.1 Definitions 1363](#_Toc256001844)

[11.5.2 Metrology procedures continues to apply until 31 December 2006 1363](#_Toc256001845)

[11.5.3 Responsible person 1363](#_Toc256001846)

[11.5.4 NEMMCO's responsibility to develop a metrology procedure 1363](#_Toc256001847)

[11.5.5 Jurisdictional metrology material in the metrology procedure 1364](#_Toc256001848)

[Part E Economic Regulation of Transmission Services (2006 amendments) 1364](#_Toc256001849)

[11.6 Rules consequent on making of the National Electricity Amendment (Economic Regulation of Transmission Services) Rule 2006 1364](#_Toc256001850)

[11.6.1 Definitions 1364](#_Toc256001851)

[11.6.2 New Chapter 6A does not affect existing revenue determinations 1365](#_Toc256001852)

[11.6.3 Old Part C and Schedules 6.2, 6.3, 6.4, 6.7 and 6.8 of old Chapter 6 1366](#_Toc256001853)

[11.6.4 Old Part F of Chapter 6 1366](#_Toc256001854)

[11.6.5 Application of new Chapter 6A to Transmission Network Service Providers 1366](#_Toc256001855)

[11.6.6 Application of Chapter 6 to old distribution matters 1366](#_Toc256001856)

[11.6.7 References to the old Chapter 6 1366](#_Toc256001857)

[11.6.8 References to provisions of the old Chapter 6 1367](#_Toc256001858)

[11.6.9 Roll forward of regulatory asset base for first regulatory control period 1367](#_Toc256001859)

[11.6.10 Other adjustment carry-over mechanisms from current to first regulatory control period 1367](#_Toc256001860)

[11.6.11 Clause consequent upon making National Electricity Amendment (Cost Allocation Arrangements for Transmission Services) Rule No 2009 No 3 - Transition to new Chapter 6A: existing prescribed connection services 1367](#_Toc256001861)

[11.6.12 Powerlink transitional provisions 1370](#_Toc256001862)

[11.6.13 ElectraNet easements transitional provisions 1373](#_Toc256001863)

[11.6.14 TransGrid contingent projects 1373](#_Toc256001864)

[11.6.15 Transmission determination includes existing revenue determinations 1374](#_Toc256001865)

[11.6.16 References to regulatory control period 1374](#_Toc256001866)

[11.6.17 Consultation procedure for first proposed guidelines 1374](#_Toc256001867)

[11.6.18 Reliance on proposed guidelines for SP AusNet, VENCorp and ElectraNet 1375](#_Toc256001868)

[11.6.19 EnergyAustralia transitional provisions 1375](#_Toc256001869)

[11.6.20 Basslink transitional provisions 1377](#_Toc256001870)

[11.6.21 SPI Powernet savings and transitional provision 1379](#_Toc256001871)

[11.6.22 Interim arrangements pricing-related information 1380](#_Toc256001872)

[Part F Reform of Regulatory Test Principles (2006 amendments) 1381](#_Toc256001873)

[11.7 Rules consequent on making of the National Electricity Amendment (Reform of the Regulatory Test Principles) Rule 2006 1381](#_Toc256001874)

[11.7.1 Definitions 1381](#_Toc256001875)

[11.7.2 Amending Rule does not affect old clause 5.6.5A 1381](#_Toc256001876)

[Part G Pricing of Prescribed Transmission Services (2006 amendments) 1381](#_Toc256001877)

[11.8 Rules consequent on making the National Electricity Amendment (Pricing of Prescribed Transmission Services) Rule 2006 1381](#_Toc256001878)

[11.8.1 Definitions 1381](#_Toc256001879)

[11.8.2 Regulated interconnectors 1382](#_Toc256001880)

[11.8.3 Application of new Part J of Chapter 6A to Transmission Network Service Providers 1382](#_Toc256001881)

[11.8.4 Reliance on agreed interim guideline for ElectraNet, SPAusNet, and VenCorp 1383](#_Toc256001882)

[11.8.5 Prudent discounts under existing agreements 1383](#_Toc256001883)

[11.8.6 Application of prudent discounts regime under rule 6A.26 1383](#_Toc256001884)

[11.8.7 Prudent discounts pending approval of pricing methodology 1383](#_Toc256001885)

[Part H Reallocations (2007 amendments) 1384](#_Toc256001886)

[11.9 Rules consequent on the making of the National Electricity Amendment (Reallocations) Rule 2007 1384](#_Toc256001887)

[11.9.1 Definitions 1384](#_Toc256001888)

[11.9.2 Existing and transitional reallocations 1384](#_Toc256001889)

[Part I Technical Standards for Wind Generation (2007 amendments) 1385](#_Toc256001890)

[11.10 Rules consequent on making of the National Electricity Amendment (Technical Standards for Wind Generation and other Generator Connections) Rule 2007 1385](#_Toc256001891)

[11.10.1 Definitions 1385](#_Toc256001892)

[11.10.2 Provision of information under S5.2.4 in registration application 1385](#_Toc256001893)

[11.10.3 Access standards made under the old Chapter 5 1386](#_Toc256001894)

[11.10.4 Modifications to plant by Generators 1386](#_Toc256001895)

[11.10.5 Technical Details to Support Application for Connection and Connection Agreement 1386](#_Toc256001896)

[11.10.6 Transitional arrangements for establishment of performance standards 1386](#_Toc256001897)

[11.10.7 Jurisdictional Derogations for Queensland 1386](#_Toc256001898)

[11.10A Rules consequent on the making of the National Electricity Amendment (Central Dispatch and Integration of Wind and Other Intermittent Generation) Rule 2008 1387](#_Toc256001899)

[11.10A.1 Definitions 1387](#_Toc256001900)

[11.10A.2 Registration and reclassification of classified generating units 1388](#_Toc256001901)

[11.10A.3 Registered generating unit 1388](#_Toc256001902)

[11.10A.4 Classification of potential semi-scheduled generating unit 1388](#_Toc256001903)

[11.10A.5 Participant fees 1389](#_Toc256001904)

[11.10A.6 Timetable 1389](#_Toc256001905)

[11.10A.7 Procedure for contribution factors for ancillary service transactions 1389](#_Toc256001906)

[11.10A.8 Guidelines for energy conversion model information 1389](#_Toc256001907)

[Part J Cost Recovery of Localised Regulation Services (2007 amendments) 1390](#_Toc256001908)

[11.11 Rules consequent on making of the National Electricity Amendment (Cost Recovery of Localised Regulation Services) Rule 2007 1390](#_Toc256001909)

[11.11.1 Definitions 1390](#_Toc256001910)

[11.11.2 Action taken by NEMMCO for the purposes of Amending Rule 1390](#_Toc256001911)

[11.12 [Deleted] 1390](#_Toc256001912)

[Part L  [Deleted] 1390](#_Toc256001913)

[Part M Economic Regulation of Distribution Services (2007 amendments) 1390](#_Toc256001914)

[Division 1 General Provisions 1390](#_Toc256001915)

[11.14 General provisions 1390](#_Toc256001916)

[11.14.1 Application of this Division 1390](#_Toc256001917)

[11.14.2 Definitions 1390](#_Toc256001918)

[11.14.3 Preservation of old regulatory regime 1391](#_Toc256001919)

[11.14.4 Transfer of regulatory responsibility 1392](#_Toc256001920)

[11.14.5 Special requirements with regard to ring fencing 1392](#_Toc256001921)

[11.14.6 Additional requirements with regard to cost allocation 1393](#_Toc256001922)

[11.14.7 Construction of documents 1393](#_Toc256001923)

[Division 2 [Deleted] 1394](#_Toc256001924)

[Division 3 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1394](#_Toc256001925)

[11.16 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1394](#_Toc256001926)

[11.16.1 Definitions 1394](#_Toc256001927)

[11.16.2 Application of Part to Queensland 2010 distribution determinations 1394](#_Toc256001928)

[11.16.3 Treatment of the regulatory asset base 1394](#_Toc256001929)

[11.16.4 Efficiency Benefit Sharing Scheme 1395](#_Toc256001930)

[11.16.5 Service Target Performance Incentive Scheme 1395](#_Toc256001931)

[11.16.6 Framework and approach 1395](#_Toc256001932)

[11.16.7 Regulatory Proposal 1395](#_Toc256001933)

[11.16.8 Side constraints 1396](#_Toc256001934)

[11.16.9 Cost pass throughs 1396](#_Toc256001935)

[11.16.10 Capital Contributions Policy 1396](#_Toc256001936)

[Division 4 Transitional provisions of specific application to Victoria 1397](#_Toc256001937)

[11.17 Transitional provisions of specific application to Victoria 1397](#_Toc256001938)

[11.17.1 Definitions 1397](#_Toc256001939)

[11.17.2 Calculation of estimated cost of corporate income tax 1397](#_Toc256001940)

[11.17.3 Decisions made in the absence of a statement of regulatory intent 1397](#_Toc256001941)

[11.17.4 Cost allocation guidelines 1398](#_Toc256001942)

[11.17.5 Modification of requirements related to cost allocation method 1398](#_Toc256001943)

[11.17.6 AMI Order in Council 1399](#_Toc256001944)

[Part N Registration of Foreign Based Persons and Corporations as Trader Class Participants (2007 amendments) 1399](#_Toc256001945)

[11.18 Rules consequential on the making of the National Electricity Amendment (Registration of Foreign Based Persons and Corporations as Trader Class Participants) Rule 2007 1399](#_Toc256001946)

[11.18.1 Definitions 1399](#_Toc256001947)

[11.18.2 Auction rules 1399](#_Toc256001948)

[Part O Process for Region Change (2007 amendments) 1400](#_Toc256001949)

[11.19 Rules consequent on making of the National Electricity Amendment (Process for Region Change) Rule 2007 1400](#_Toc256001950)

[11.19.1 Definitions 1400](#_Toc256001951)

[11.19.2 Regions Publication 1400](#_Toc256001952)

[Part P Integration of NEM Metrology Requirements 1400](#_Toc256001953)

[11.20 Rules consequential on the making of the National Electricity Amendment (Integration of NEM Metrology Requirements) Rule 2008 1400](#_Toc256001954)

[11.20.1 Definitions 1400](#_Toc256001955)

[11.20.2 Metering installations for non-market generating units immediately prior to 30 June 2008 1400](#_Toc256001956)

[11.20.3 First-tier load metering installations 1401](#_Toc256001957)

[11.20.4 First-tier load metering installations in Victoria 1401](#_Toc256001958)

[11.20.5 Minimalist Transitioning Approach in Queensland 1401](#_Toc256001959)

[11.20.6 First-tier jurisdictional requirements publication 1402](#_Toc256001960)

[11.20.7 Metrology procedure 1402](#_Toc256001961)

[Part PA Reliability Settings: Information Safety Net and Directions 1402](#_Toc256001962)

[11.21 Rules consequential on the making of the National Electricity Amendment (NEM Reliability Settings: Information Safety Net and Directions) Rule 2008 1402](#_Toc256001963)

[11.21.1 Definitions 1402](#_Toc256001964)

[11.21.2 EAAP guidelines 1402](#_Toc256001965)

[11.21.3 [Deleted] 1402](#_Toc256001966)

[11.21.4 [Deleted] 1402](#_Toc256001967)

[11.21.5 Timetable 1402](#_Toc256001968)

[11.21.6 Power system security and reliability standards 1403](#_Toc256001969)

[11.21.7 Report on statement of opportunities 1403](#_Toc256001970)

[11.21.8 Methodology for dispatch prices and ancillary services prices 1403](#_Toc256001971)

[Part Q Regulatory Test Thresholds and Information Disclosure on Network Replacements 1403](#_Toc256001972)

[11.22 Rules consequential on the making of the National Electricity Amendment (Regulatory Test Thresholds and Information Disclosure on Network Replacements) Rule 2008 1403](#_Toc256001973)

[11.22.1 Definitions 1403](#_Toc256001974)

[11.22.2 Amending Rule does not affect existing regulatory test 1404](#_Toc256001975)

[Part R Performance Standard Compliance of Generators 1404](#_Toc256001976)

[11.23 Rules consequential on the making of the National Electricity Amendment (Performance Standards Compliance of Generators) Rule 2008 1404](#_Toc256001977)

[11.23.1 Definitions 1404](#_Toc256001978)

[11.23.2 Application of rule 11.23 for compliance programs implemented immediately after the commencement of the Amending Rule 1404](#_Toc256001979)

[11.23.3 Application of rule 11.23 for compliance programs implemented immediately prior to the commencement of the Amending Rule 1404](#_Toc256001980)

[11.23.4 Application of rule 11.23 for compliance programs not implemented immediately prior to the commencement of the Amending Rule 1405](#_Toc256001981)

[Part S [Deleted] 1405](#_Toc256001982)

[Part U Confidentiality Arrangements concerning Information required for Power System Studies 1405](#_Toc256001983)

[11.25 Rule consequential on the making of the National Electricity Amendment (Confidentiality Arrangements in Respect of Information Required for Power System Studies) Rule 2009 1405](#_Toc256001984)

[11.25.1 Definitions 1405](#_Toc256001985)

[11.25.2 Transitional arrangements for the provision of information 1405](#_Toc256001986)

[Part V WACC Reviews: Extension of Time 1407](#_Toc256001987)

[11.26 Rule consequential on the making of the National Electricity Amendment (WACC Reviews: Extension of Time) Rule 2009 1407](#_Toc256001988)

[11.26.1 Definitions 1407](#_Toc256001989)

[11.26.2 Extension of time to submit a regulatory proposal for the regulatory control period 2010-2015 1407](#_Toc256001990)

[Part W National Transmission Statement 1407](#_Toc256001991)

[11.27 Rules consequent on the making of the National Electricity Amendment (National Transmission Statement) Rule 2009 1407](#_Toc256001992)

[11.27.1 Definitions 1407](#_Toc256001993)

[11.27.2 Purpose 1407](#_Toc256001994)

[11.27.3 Application of rule 11.27 1408](#_Toc256001995)

[11.27.4 National Transmission Statement 1408](#_Toc256001996)

[11.27.5 Scope and Content of National Transmission Network Development Plan 1409](#_Toc256001997)

[11.27.6 Energy Adequacy Assessment Projection 1410](#_Toc256001998)

[11.27.7 Amendment to Last Resort Power 1410](#_Toc256001999)

[11.27.8 Actions taken prior to commencement of Rule 1410](#_Toc256002000)

[Part X National Transmission Planning 1410](#_Toc256002001)

[11.28 Rules consequential on the making of the National Electricity (Australian Energy Market Operator) Amendment Rules 2009 1410](#_Toc256002002)

[11.28.1 Definitions 1410](#_Toc256002003)

[11.28.2 Jurisdictional planning bodies and representatives 1410](#_Toc256002004)

[11.28.3 Criteria and guidelines published by Inter-regional Planning Committee 1411](#_Toc256002005)

[11.28.4 Augmentation technical reports 1411](#_Toc256002006)

[11.28.5 Last Resort Planning Power 1411](#_Toc256002007)

[11.28.6 Inter-network power system tests 1411](#_Toc256002008)

[11.28.7 Control and protection settings for equipment 1412](#_Toc256002009)

[11.28.8 Revenue Proposals 1412](#_Toc256002010)

[Part Y Regulatory Investment Test for Transmission 1412](#_Toc256002011)

[11.29 Rules consequent on making of the National Electricity Amendment (Regulatory Investment Test for Transmission) Rule 2009 1412](#_Toc256002012)

[11.29.1 Definitions 1412](#_Toc256002013)

[11.29.2 Period when Amending Rule applies to transmission investment 1413](#_Toc256002014)

[Part Z Congestion Information Resource 1413](#_Toc256002015)

[11.30 Rules consequent on the making of the National Electricity Amendment (Congestion Information Resource) Rule 2009 1413](#_Toc256002016)

[11.30.1 Definitions 1413](#_Toc256002017)

[11.30.2 Interim congestion Information resource 1414](#_Toc256002018)

[Part ZA Reliability and emergency reserve trader (2009 amendments) 1416](#_Toc256002019)

[11.31 Rules consequent on the making of the National Electricity Amendment (Improved RERT Flexibility and Short-notice Reserve Contracts) Rule 2009 1416](#_Toc256002020)

[11.31.1 Definitions 1416](#_Toc256002021)

[11.31.2 Purpose 1416](#_Toc256002022)

[11.31.3 Amendments to Reliability Panel's RERT Guidelines 1416](#_Toc256002023)

[11.31.4 Amendments to AEMO's RERT procedures for exercising the RERT 1417](#_Toc256002024)

[Part ZB Early Application of Market Impact Parameters 1417](#_Toc256002025)

[11.32 Rules consequent on the making of the National Electricity Amendment (Early Implementation of Market Impact Parameters) Rule 2010 1417](#_Toc256002026)

[11.32.1 Definitions 1417](#_Toc256002027)

[11.32.2 Purpose 1418](#_Toc256002028)

[11.32.3 Early application of the market impact component of the service target performance incentive scheme 1418](#_Toc256002029)

[Part ZC Transparency of operating data 1421](#_Toc256002030)

[11.33 Rules consequential on the making of National Electricity Amendment (Transparency of Operating Data) Rule 2010 1421](#_Toc256002031)

[11.33.1 Definitions 1421](#_Toc256002032)

[11.33.2 Spot market operations timetable 1421](#_Toc256002033)

[Part ZD Cost Recovery for Other Services Directions 1423](#_Toc256002034)

[11.34 Rules consequent on making of the National Electricity Amendment (Cost Recovery for Other Services Directions) Rule 2010 1423](#_Toc256002035)

[11.34.1 Definitions 1423](#_Toc256002036)

[11.34.2 Period when Amending Rules applies to funding of compensation 1423](#_Toc256002037)

[Part ZE Payments under Feed-in Schemes and Climate Change Funds 1423](#_Toc256002038)

[11.35 Rules consequential on the making of the National Electricity Amendment (Payments under Feed-in Schemes and Climate Change Funds) Rule 2010 1423](#_Toc256002039)

[11.35.1 Definitions 1423](#_Toc256002040)

[11.35.2 Application of recovery of jurisdictional scheme Rules 1424](#_Toc256002041)

[11.35.3 Reporting on jurisdictional schemes 1425](#_Toc256002042)

[11.35.4 Revocation and substitution of distribution determination for jurisdictional scheme recovery 1426](#_Toc256002043)

[Part ZF Transitional Arrangements for Ministerial Smart Meter Roll Out Determinations 1427](#_Toc256002044)

[11.36 Ministerial Smart Meter Roll Out Determinations 1427](#_Toc256002045)

[11.36.1 Definitions 1427](#_Toc256002046)

[11.36.2 Meaning of relevant metering installation 1427](#_Toc256002047)

[11.36.3 Period of application of rule to relevant metering installation 1427](#_Toc256002048)

[11.36.4 Designation of responsible person 1428](#_Toc256002049)

[11.36.5 [Deleted] 1428](#_Toc256002050)

[11.36.6 [Deleted] 1428](#_Toc256002051)

[Part ZG Provision of Metering Data Services and Clarification of Existing Metrology Requirements 1428](#_Toc256002052)

[11.37 Rules consequential on the making of the National Electricity Amendment (Provision of Metering Data Services and Clarification of Existing Metrology Requirements) Rule 2010 1428](#_Toc256002053)

[11.37.1 Definitions 1428](#_Toc256002054)

[11.37.2 Commencement of special site or technology related conditions 1428](#_Toc256002055)

[11.37.3 Initial service level procedures 1428](#_Toc256002056)

[Part ZH Spot Market Operations Timetable 1429](#_Toc256002057)

[11.38 Rules consequential on the making of National Electricity Amendment (Amendments to PASA-related Rules) Rule 2010 1429](#_Toc256002058)

[11.38.1 Definitions 1429](#_Toc256002059)

[11.38.2 Spot market operations timetable 1429](#_Toc256002060)

[Part ZI DNSP Recovery of Transmission-related Charges 1430](#_Toc256002061)

[11.39 Rules consequential on the making of the National Electricity Amendment (DNSP Recovery of Transmission-related Charges) Rule 2011 1430](#_Toc256002062)

[11.39.1 Definitions 1430](#_Toc256002063)

[11.39.2 Recovery by Victorian distribution network service providers during current regulatory control period 1431](#_Toc256002064)

[11.39.3 Recovery by Victorian distribution network service providers for shared network augmentations 1431](#_Toc256002065)

[11.39.4 Bairnsdale network support agreement 1431](#_Toc256002066)

[11.39.5 Approval of pricing proposal 1431](#_Toc256002067)

[11.39.6 Ergon Energy transitional charges 1432](#_Toc256002068)

[11.39.7 Energex transitional charges 1432](#_Toc256002069)

[Part ZJ Network Support and Control Ancillary Services 1432](#_Toc256002070)

[11.40 Rules consequential on the making of the National Electricity Amendment (Network Support and Control Ancillary Services) Rule 2011 1432](#_Toc256002071)

[11.40.1 Definitions 1432](#_Toc256002072)

[11.40.2 Purpose 1432](#_Toc256002073)

[11.40.3 Existing NCAS contracts to continue 1432](#_Toc256002074)

[11.40.4 Amendments to existing guidelines 1433](#_Toc256002075)

[11.40.5 New procedures 1433](#_Toc256002076)

[11.40.6 Decisions and actions taken prior to Amending Rule 1433](#_Toc256002077)

[Part ZK Application of Dual Marginal Loss Factors 1433](#_Toc256002078)

[11.41 Rules consequential on the making of the National Electricity Amendment (Application of Dual Marginal Loss Factors) Rule 2011 1433](#_Toc256002079)

[11.41.1 Definitions 1433](#_Toc256002080)

[11.41.2 Amendments to loss factor methodology 1434](#_Toc256002081)

[11.41.3 Procedure applying dual intra-regional loss factors in central dispatch and spot market transactions 1434](#_Toc256002082)

[11.41.4 Publication of intra-regional loss factors 1434](#_Toc256002083)

[Part ZL Tasmania Tranche 5a Procedure Changes 1434](#_Toc256002084)

[11.42 Rules consequential on the making of the National Electricity Amendment (Tasmania Tranche 5a Procedure Changes) Rule 2011 1434](#_Toc256002085)

[11.42.1 Definitions 1434](#_Toc256002086)

[11.42.2 AEMO may amend Relevant Procedures 1435](#_Toc256002087)

[Part ZM Application and Operation of Administered Price Periods 1435](#_Toc256002088)

[11.43 Rules consequential on the making of National Electricity Amendment (Application and Operation of Administered Price Periods) Rule 2011 1435](#_Toc256002089)

[11.43.1 Definitions 1435](#_Toc256002090)

[11.43.2 Administered Price Cap Schedule 1435](#_Toc256002091)

[Part ZO Negative Intra-regional Settlements Residue 1436](#_Toc256002092)

[11.45 Rules consequential on the making of National Electricity Amendment (Negative Intra-regional Settlements Residue) Rule 2012 1436](#_Toc256002093)

[11.45.1 Definitions 1436](#_Toc256002094)

[11.45.2 Recovery of negative settlements residue prior to consultation under the Amending Rule 1436](#_Toc256002095)

[11.45.3 First consultation on negative intra-regional settlements residue procedure 1437](#_Toc256002096)

[Part ZP Interim Connection Charging Rules 1437](#_Toc256002097)

[11.46 Rules consequential to the insertion of Chapter 5A by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1437](#_Toc256002098)

[Division 1 Preliminary 1437](#_Toc256002099)

[11.46.1 Definitions 1437](#_Toc256002100)

[11.46.2 Extended meaning of some terms 1439](#_Toc256002101)

[11.46.3 Transitional operation of relevant provisions 1439](#_Toc256002102)

[Division 2 Jurisdictional differences 1440](#_Toc256002103)

[11.46.4 Exclusions, qualifications and modifications for ACT 1440](#_Toc256002104)

[11.46.5 Exclusions, qualifications and modifications for NSW 1441](#_Toc256002105)

[11.46.6 Exclusions, qualifications and modifications for Queensland 1442](#_Toc256002106)

[11.46.7 Exclusions, qualifications and modifications for SA 1443](#_Toc256002107)

[11.46.8 Exclusions, qualifications and modifications for Tasmania 1444](#_Toc256002108)

[11.46.9 Exclusions, qualifications and modifications for Victoria 1445](#_Toc256002109)

[Division 3 General provisions 1446](#_Toc256002110)

[11.46.10 Connection charges 1446](#_Toc256002111)

[11.46.11 References 1447](#_Toc256002112)

[Part ZQ NSW transitional retail support and credit support rules 1447](#_Toc256002113)

[11.47 Rules consequential on the insertion of Chapter 6B by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1447](#_Toc256002114)

[Division 1 Preliminary 1447](#_Toc256002115)

[11.47.1 Definitions 1447](#_Toc256002116)

[11.47.2 Application 1449](#_Toc256002117)

[11.47.3 Obligation to pay 1449](#_Toc256002118)

[11.47.4 Charging and billing 1449](#_Toc256002119)

[11.47.5 Interest on unpaid amounts 1450](#_Toc256002120)

[11.47.6 Circumstances where NSW DNSP may request credit support 1450](#_Toc256002121)

[11.47.7 Credit support 1450](#_Toc256002122)

[11.47.8 Credit support providers 1451](#_Toc256002123)

[11.47.9 NSW DNSP to determine required credit support amount 1451](#_Toc256002124)

[11.47.10 NSW Retailer to ensure credit support available 1451](#_Toc256002125)

[11.47.11 Drawing on credit support 1452](#_Toc256002126)

[11.47.12 Specific transitional arrangements 1452](#_Toc256002127)

[Part ZR Miscellaneous transitional rules—NERL 1452](#_Toc256002128)

[11.48 Rules consequential on the making of the National Electricity (National Energy Retail Law) Amendment Rule 2012 1452](#_Toc256002129)

[11.48.1 Extension of time period for AER to consider certain pass through applications 1452](#_Toc256002130)

[Part ZS Cost pass through arrangements for Network Service Providers 1453](#_Toc256002131)

[11.49 Rules consequential on the making of National Electricity Amendment (Cost pass through arrangements for Network Service Providers) Rule 2012 1453](#_Toc256002132)

[11.49.1 Definitions 1453](#_Toc256002133)

[11.49.2 Terrorism event is a cost pass through event in the current regulatory control period 1453](#_Toc256002134)

[11.49.3 Transitional arrangement for Powerlink 1453](#_Toc256002135)

[11.49.4 Transitional arrangements for ElectraNet and Murraylink 1454](#_Toc256002136)

[Part ZT Distribution Network Planning and Expansion 1454](#_Toc256002137)

[11.50 Rules consequential on the making of the National Electricity Amendment (Distribution Network Planning and Expansion) Rule 2012 1454](#_Toc256002138)

[11.50.1 Interpretation 1454](#_Toc256002139)

[11.50.2 Definitions 1454](#_Toc256002140)

[11.50.3 Timing for first Distribution Annual Planning Report 1455](#_Toc256002141)

[11.50.4 Contents of Distribution Annual Planning Report 1455](#_Toc256002142)

[11.50.5 Transition from the regulatory test to the regulatory investment test for distribution 1456](#_Toc256002143)

[Part ZU New Prudential Standard and Framework in the NEM 1457](#_Toc256002144)

[11.51 Rules consequential on the making of the National Electricity Amendment (New Prudential Standard and Framework in the NEM) Rule 2012 1457](#_Toc256002145)

[11.51.1 Definitions 1457](#_Toc256002146)

[11.51.2 AEMO's responsibility to develop and publish the credit limit procedures 1457](#_Toc256002147)

[11.51.3 Transition to the framework for determining prudential settings 1458](#_Toc256002148)

[11.51.4 Prior consultation, step, decision or action taken by AEMO 1458](#_Toc256002149)

[Part ZV Small Generation Aggregator Framework 1458](#_Toc256002150)

[11.52 Rules consequential on the making of the National Electricity Amendment (Small Generation Aggregator Framework) Rule 2012 1458](#_Toc256002151)

[11.52.1 Definitions 1458](#_Toc256002152)

[11.52.2 Commencement of participant fees as well as transactions, funding and settlements under Chapter 3 for Market Small Generation Aggregators 1459](#_Toc256002153)

[11.52.3 Participant fees for Market Small Generation Aggregators 1459](#_Toc256002154)

[11.52.4 Ancillary service transactions, funding of compensation for directions and intervention settlements for directions for Market Small Generation Aggregators 1459](#_Toc256002155)

[11.52.5 Amendments to the carbon dioxide equivalent intensity index procedures 1460](#_Toc256002156)

[11.52.6 Amendments of the metrology procedures 1461](#_Toc256002157)

[11.52.7 Amendments to the Market Settlement and Transfer Solution Procedures 1461](#_Toc256002158)

[Part ZW Economic Regulation of Network Service Providers (2012 amendments) 1461](#_Toc256002159)

[Division 1 Miscellaneous transitional provisions 1461](#_Toc256002160)

[11.53 Publication of Chapter 6 Guidelines 1461](#_Toc256002161)

[11.53.1 Shared Asset Guidelines 1461](#_Toc256002162)

[11.53.2 Capital Expenditure Incentive Guidelines 1462](#_Toc256002163)

[11.53.3 Rate of Return Guidelines 1462](#_Toc256002164)

[11.53.4 Expenditure Forecast Assessment Guidelines 1462](#_Toc256002165)

[11.53.5 Distribution Confidentiality Guidelines 1462](#_Toc256002166)

[11.53.6 Consultation procedure paper 1463](#_Toc256002167)

[11.54 Publication of Chapter 6A Guidelines 1463](#_Toc256002168)

[11.54.1 Shared Asset Guidelines 1463](#_Toc256002169)

[11.54.2 Capital Expenditure Incentive Guidelines 1463](#_Toc256002170)

[11.54.3 Rate of Return Guidelines 1463](#_Toc256002171)

[11.54.4 Expenditure Forecast Assessment Guidelines 1464](#_Toc256002172)

[11.54.5 Transmission Confidentiality Guidelines 1464](#_Toc256002173)

[11.54.6 Consultation paper procedure 1464](#_Toc256002174)

[Division 2 Transitional provisions for NSW/ACT Distribution Network Service Providers 1464](#_Toc256002175)

[11.55 General provisions 1464](#_Toc256002176)

[11.55.1 Definitions 1464](#_Toc256002177)

[11.55.2 Transitional Chapter 6 1465](#_Toc256002178)

[11.55.3 Application of rule 11.56 1467](#_Toc256002179)

[11.56 Special provisions applying to affected DNSPs 1467](#_Toc256002180)

[11.56.1 Requirement to make distribution determination 1467](#_Toc256002181)

[11.56.2 Transitional regulatory proposal 1467](#_Toc256002182)

[11.56.3 Distribution determination for a transitional regulatory control period 1468](#_Toc256002183)

[11.56.4 Subsequent regulatory control period 1473](#_Toc256002184)

[11.56.5 Review of past capital expenditure 1478](#_Toc256002185)

[Division 3 Transitional provisions for NSW and Tasmanian Transmission Network Service Providers and Directlink 1478](#_Toc256002186)

[11.57 General provisions 1478](#_Toc256002187)

[11.57.1 Definitions 1478](#_Toc256002188)

[11.57.2 Transitional Chapter 6A 1479](#_Toc256002189)

[11.57.3 Application of rule 11.58 1480](#_Toc256002190)

[11.58 Special provisions applying to affected TNSPs 1481](#_Toc256002191)

[11.58.1 Requirement to make transmission determination 1481](#_Toc256002192)

[11.58.2 Requirement to submit a transitional Revenue Proposal 1481](#_Toc256002193)

[11.58.3 Transmission determination for a transitional regulatory control period 1482](#_Toc256002194)

[11.58.4 Subsequent regulatory control period 1484](#_Toc256002195)

[11.58.5 Review of past capital expenditure 1489](#_Toc256002196)

[Division 4 Transitional provisions for the Victorian TNSP 1489](#_Toc256002197)

[11.59 Special provisions applying to the Victorian TNSP 1489](#_Toc256002198)

[11.59.1 Definitions 1489](#_Toc256002199)

[11.59.2 Application of rule 11.59 1490](#_Toc256002200)

[11.59.3 Former Chapter 6A/10 applies 1490](#_Toc256002201)

[11.59.4 Review of past capital expenditure 1490](#_Toc256002202)

[Division 5 Transitional provisions for Qld/SA and Victorian Distribution Network Service Providers 1491](#_Toc256002203)

[11.60 Special provisions applying to the Qld/SA and Victorian Distribution Network Service Providers 1491](#_Toc256002204)

[11.60.1 Definitions 1491](#_Toc256002205)

[11.60.2 Application of rule 11.60 1492](#_Toc256002206)

[11.60.3 Distribution determination for next regulatory control period 1492](#_Toc256002207)

[11.60.4 Re-opening of distribution determination for next regulatory control period 1494](#_Toc256002208)

[11.60.5 Review of past capital expenditure 1496](#_Toc256002209)

[Division 6 Review of past capital expenditure 1496](#_Toc256002210)

[11.61 Definitions and application 1496](#_Toc256002211)

[11.62 Review of past capital expenditure under Chapter 6 1497](#_Toc256002212)

[11.63 Review of past capital expenditure under Chapter 6A 1497](#_Toc256002213)

[Part ZX Inter-regional Transmission Charging 1498](#_Toc256002214)

[11.64 Rules consequent on the making of the National Electricity Amendment (Inter-regional Transmission Charging) Rule 2013 1498](#_Toc256002215)

[11.64.1 Definitions 1498](#_Toc256002216)

[11.64.2 Amendments to the pricing methodology guidelines 1498](#_Toc256002217)

[11.64.3 Amendments to the pricing methodologies of Transmission Network Service Providers 1498](#_Toc256002218)

[11.64.4 Commencement of clause 6A.23.3(f) for further adjustments 1499](#_Toc256002219)

[Part ZY Network Service Provider Expenditure Objectives 1499](#_Toc256002220)

[11.65 Rules consequent on the making of the National Electricity Amendment (Network Service Provider Expenditure Objectives) Rule 2013 1499](#_Toc256002221)

[11.65.1 Definitions 1499](#_Toc256002222)

[11.65.2 Application of rule 11.65 1499](#_Toc256002223)

[Part ZZ Access to NMI Standing Data 1500](#_Toc256002224)

[11.66 Rules consequent on the making of the National Electricity Amendment (Access to NMI Standing Data) Rule 2013 1500](#_Toc256002225)

[11.66.1 Definitions 1500](#_Toc256002226)

[11.66.2 Minor amendment of the Market Settlement and Transfer Solution Procedures 1500](#_Toc256002227)

[Part ZZA Publication of Zone Substation Data 1501](#_Toc256002228)

[11.67 Rules consequent on the making of the National Electricity Amendment (Publication of Zone Substation Data) Rule 2014 1501](#_Toc256002229)

[11.67.1 Definitions 1501](#_Toc256002230)

[11.67.2 Distribution Network Service Providers' obligations to commence on the next DAPR date 1501](#_Toc256002231)

[Part ZZB Connecting Embedded Generators 1501](#_Toc256002232)

[11.68 Rules consequential on the making of the National Electricity Amendment (Connecting embedded generators) Rule 2014 1501](#_Toc256002233)

[11.68.1 Definitions 1501](#_Toc256002234)

[11.68.2 Continuation of enquiries lodged 1501](#_Toc256002235)

[Part ZZC Customer access to information about their energy consumption 1502](#_Toc256002236)

[11.69 Rules consequential on the making of the National Electricity Amendment (Customer access to information about their energy consumption) Rule 2014 1502](#_Toc256002237)

[11.69.1 Definitions 1502](#_Toc256002238)

[11.69.2 AEMO to develop and publish the metering data provision procedure 1502](#_Toc256002239)

[Part ZZD National Electricity Amendment (Distribution Network Pricing Arrangements) Rule 2014 1502](#_Toc256002240)

[Division 1 Miscellaneous transitional provisions 1502](#_Toc256002241)

[11.70 General provisions 1502](#_Toc256002242)

[11.70.1 Definitions 1502](#_Toc256002243)

[11.70.2 Application of Part ZZB 1503](#_Toc256002244)

[11.71 Special provisions applying to SA TNSP 1503](#_Toc256002245)

[Division 2 Transitional provisions for NSW/ACT and Qld/SA Distribution Network Service Providers 1504](#_Toc256002246)

[11.72 General provisions 1504](#_Toc256002247)

[11.72.1 Definitions 1504](#_Toc256002248)

[11.73 Special provisions applying to affected DNSPs 1504](#_Toc256002249)

[11.73.1 Distribution determination and pricing proposals 1504](#_Toc256002250)

[11.73.2 Tariff structure statement 1505](#_Toc256002251)

[11.73.3 Dispute resolution 1511](#_Toc256002252)

[Division 3 Transitional provisions for Tasmanian Distribution Network Service Provider 1511](#_Toc256002253)

[11.74 Application of former Chapter 6 1511](#_Toc256002254)

[Division 4 Transitional provisions for Victorian Distribution Network Service Providers 1511](#_Toc256002255)

[11.75 General provisions 1511](#_Toc256002256)

[11.75.1 Definitions 1511](#_Toc256002257)

[11.76 Special provisions applying to affected DNSPs 1511](#_Toc256002258)

[11.76.1 Distribution determination and pricing proposals 1511](#_Toc256002259)

[11.76.2 Tariff structure statement 1512](#_Toc256002260)

[11.76.3 Dispute resolution 1518](#_Toc256002261)

[Part ZZE Early Application of Network Capability Component (STPIS) 1518](#_Toc256002262)

[11.77 Rules consequent on the making of the National Electricity Amendment (Early Application of Service Target Performance Incentive Scheme (STPIS) Components for Transmission Businesses) Rule 2015 1518](#_Toc256002263)

[11.77.1 Definitions 1518](#_Toc256002264)

[11.77.2 Purpose 1518](#_Toc256002265)

[11.77.3 Earlier application of the network capability component of the service target performance incentive scheme 1519](#_Toc256002266)

[Part ZZF National Electricity Amendment (Governance arrangements and implementation of the reliability standard and settings) Rule 2015 1521](#_Toc256002267)

[11.78 Rules consequent on the making of the National Electricity Amendment (Governance arrangements and implementation of the reliability standards and settings) Rule 2015 1521](#_Toc256002268)

[11.78.1 Definitions 1521](#_Toc256002269)

[11.78.2 Existing power system security and reliability standards 1521](#_Toc256002270)

[11.78.3 Reliability standard and settings guidelines 1522](#_Toc256002271)

[11.78.4 Reliability standard implementation guidelines 1522](#_Toc256002272)

[Part ZZG Improving demand side participation information provided to AEMO by registered participants 1524](#_Toc256002273)

[11.79 Rules consequential on making of the National Electricity Amendment (Improving demand side participation information provided to AEMO by registered participants) Rule 2015 1524](#_Toc256002274)

[11.79.1 AEMO to develop and publish the demand side participation information guidelines 1524](#_Toc256002275)

[Part ZZH Transitional Arrangements for Aligning TasNetworks' regulatory control periods 1525](#_Toc256002276)

[11.80 National Electricity Amendment (Aligning TasNetworks' regulatory control periods) Rule 2015 1525](#_Toc256002277)

[11.80.1 Definitions 1525](#_Toc256002278)

[11.80.2 Application of rule 11.80 1525](#_Toc256002279)

[11.80.3 Next regulatory control period 1525](#_Toc256002280)

[11.80.4 Subsequent regulatory control period 1525](#_Toc256002281)

[Part ZZI System Restart Ancillary Services 1526](#_Toc256002282)

[11.81 Rules consequential on the making of the National Electricity Amendment (System Restart Ancillary Services) Rule 2015 1526](#_Toc256002283)

[11.81.1 Definitions 1526](#_Toc256002284)

[11.81.2 System restart standard 1526](#_Toc256002285)

[11.81.3 SRAS Guideline 1526](#_Toc256002286)

[11.81.4 Regional Benefit Ancillary Services Procedures 1526](#_Toc256002287)

[11.81.5 Consultation prior to the Commencement Date 1526](#_Toc256002288)

[11.81.6 Existing SRAS Contract 1526](#_Toc256002289)

[Part ZZJ Demand management incentive scheme 1527](#_Toc256002290)

[11.82 Rules consequential on making of the National Electricity Amendment (Demand management incentive scheme) Rule 2015 1527](#_Toc256002291)

[11.82.1 Definitions 1527](#_Toc256002292)

[11.82.2 AER to develop and publish the demand management incentive scheme and demand management innovation allowance mechanism 1527](#_Toc256002293)

[Part ZZK AEMO access to demand forecasting information 1527](#_Toc256002294)

[11.83 Rules consequential on the making of the National Electricity Amendment (AEMO access to demand forecasting information) Rule 2015 1527](#_Toc256002295)

[11.83.1 AEMO to include supporting information in NTNDP database 1527](#_Toc256002296)

[Part ZZL Compensation arrangements following application of an Administered Price Cap or Administered Floor Price 1528](#_Toc256002297)

[11.84 Rules consequential on the making of the National Electricity Amendment (Compensation Arrangements following application of an Administered Price Cap and Administered Floor Price) Rule 2016 1528](#_Toc256002298)

[11.84.1 Definitions 1528](#_Toc256002299)

[11.84.2 Compensation Guidelines 1528](#_Toc256002300)

[Part ZZM Common definitions of distribution reliability measures 1528](#_Toc256002301)

[11.85 Rules consequential on the making of the National Electricity Amendment (Common definitions of distribution reliability measures) Rule 2015 1528](#_Toc256002302)

[11.85.1 Definitions 1528](#_Toc256002303)

[11.85.2 Distribution reliability measures guidelines 1528](#_Toc256002304)

[11.85.3 Amended STPIS 1528](#_Toc256002305)

[Part ZZN Expanding competition in metering and metering related services 1529](#_Toc256002306)

[11.86 Rules consequent on making of the National Electricity Amendment (Expanding competition in metering and related services) Rule 2015 1529](#_Toc256002307)

[11.86.1 Definitions 1529](#_Toc256002308)

[11.86.2 References to old Chapter 7 1529](#_Toc256002309)

[11.86.3 References to provisions of the old Chapter 7 1529](#_Toc256002310)

[11.86.4 References to responsible person 1529](#_Toc256002311)

[11.86.5 Continued operation of old Rules until the effective date 1529](#_Toc256002312)

[11.86.6 New and amended procedures 1530](#_Toc256002313)

[11.86.7 Metering Coordinator for type 5 or 6 metering installation from effective date 1531](#_Toc256002314)

[11.86.8 Distribution Ring Fencing Guidelines 1533](#_Toc256002315)

[11.86.9 [Deleted] 1533](#_Toc256002316)

[Part ZZO Embedded Networks 1533](#_Toc256002317)

[11.87 Rules consequential on the making of the National Electricity Amendment (Embedded Networks) Rule 2015 1533](#_Toc256002318)

[11.87.1 Definitions 1533](#_Toc256002319)

[11.87.2 Amended Procedures and NMI Standing Data Schedule 1534](#_Toc256002320)

[11.87.3 ENM service level procedures and guide to embedded networks and list of Embedded Network Managers 1534](#_Toc256002321)

[11.87.4 Exemptions under section 13 of the National Electricity Law 1534](#_Toc256002322)

[Part ZZP Meter Replacement Processes 1535](#_Toc256002323)

[11.88 Rules consequential on the making of the National Electricity Amendment (Meter Replacement Processes) Rule 2016 1535](#_Toc256002324)

[11.88.1 Definitions 1535](#_Toc256002325)

[11.88.2 Amended Procedures 1535](#_Toc256002326)

[Part ZZQ Energy Adequacy Assessment Projection 1535](#_Toc256002327)

[11.89 Rules consequential to the National Electricity Amendment (Energy Adequacy Assessment Projection timeframes) Rule 2016 1535](#_Toc256002328)

[11.89.1 Amended guideline and timetable 1535](#_Toc256002329)

[Part ZZR Reliability and emergency reserve trader (2016 amendments) 1536](#_Toc256002330)

[11.90 Rules consequent on the making of the National Electricity Amendment (Extension of the Reliability and Emergency Reserve Trader) Rule 2016 1536](#_Toc256002331)

[11.90.1 Definitions 1536](#_Toc256002332)

[11.90.2 Amendments to Reliability Panel's RERT Guidelines 1536](#_Toc256002333)

[11.90.3 Amendments to AEMO's RERT procedures 1536](#_Toc256002334)

[11.90.4 Reserve contracts entered into before Schedule 2 commencement date 1536](#_Toc256002335)

[Part ZZS Updating the electricity B2B framework 1536](#_Toc256002336)

[11.91 Rules consequential on the making of the National Electricity Amendment (Updating the electricity B2B framework) rule 2016 1536](#_Toc256002337)

[11.91.1 Definitions 1536](#_Toc256002338)

[11.91.2 B2B Procedures 1537](#_Toc256002339)

[11.91.3 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1537](#_Toc256002340)

[11.91.4 The New IEC 1538](#_Toc256002341)

[11.91.5 Amended Procedures 1539](#_Toc256002342)

[11.91.6 B2B e-Hub Participant accreditation process 1540](#_Toc256002343)

[11.91.7 New IEC Budget and 2016 Annual Report 1540](#_Toc256002344)

[11.91.8 Cost recovery 1540](#_Toc256002345)

[Part ZZT Application of Offsets in the Prudential Margin Calculation 1541](#_Toc256002346)

[11.92 Rules consequential on the making of the National Electricity Amendment (Application of Offsets in the Prudential Margin Calculation) Rule 2016 1541](#_Toc256002347)

[11.92.1 Definitions 1541](#_Toc256002348)

[11.92.2 Amended procedures 1541](#_Toc256002349)

[Part ZZU Rate of Return Guidelines Review 1541](#_Toc256002350)

[11.93 Rules consequential on the making of the National Electricity Amendment (Rate of Return Guidelines Review) Rule 2016 1541](#_Toc256002351)

[11.93.1 Definitions 1541](#_Toc256002352)

[11.93.2 Application of current rate of return guidelines to making of a distribution determination for the subsequent regulatory control period 1543](#_Toc256002353)

[Part ZZV Demand Response Mechanism and Ancillary Services Unbundling 1543](#_Toc256002354)

[11.94 Rules consequential on the making of the National Electricity Amendment (Demand Response Management and Ancillary Services Unbundling) rule 2016 1543](#_Toc256002355)

[11.94.1 Definitions 1543](#_Toc256002356)

[11.94.2 Participant fees for Market Ancillary Service Providers 1543](#_Toc256002357)

[Part ZZW Local Generation Network Credits 1543](#_Toc256002358)

[11.95 Rules consequential on the making of the National Electricity Amendment (Local Generation Network Credits) Rule 2016 1543](#_Toc256002359)

[11.95.1 Definitions 1543](#_Toc256002360)

[11.95.2 System limitation template 1544](#_Toc256002361)

[Part ZZX Retailer-Distributor Credit Support Requirements 1544](#_Toc256002362)

[11.96 Rules consequent on the making of the National Electricity Amendment (Retailer Distributor Credit Support Requirements) Rule 2017 No. 1 1544](#_Toc256002363)

[11.96.1 Definitions 1544](#_Toc256002364)

[11.96.2 Continued operation of old Chapter 6B 1544](#_Toc256002365)

[11.96.3 Interaction with Chapter 6 1544](#_Toc256002366)

[11.96.4 Application of new Chapter 6B 1544](#_Toc256002367)

[Part ZZY Emergency Frequency Control Schemes 1545](#_Toc256002368)

[11.97 Rules consequent on the making of the National Electricity Amendment (Emergency frequency control schemes) Rule 2017 1545](#_Toc256002369)

[11.97.1 Definitions 1545](#_Toc256002370)

[11.97.2 Interim frequency operating standards for protected events 1545](#_Toc256002371)

[11.97.3 First power system frequency risk review 1546](#_Toc256002372)

[11.97.4 AEMO must review existing load shedding procedures 1546](#_Toc256002373)

[11.97.5 Load shedding procedures 1546](#_Toc256002374)

[Part ZZZ Transmission Connection and Planning Arrangements 1547](#_Toc256002375)

[11.98 Rules consequential on the making of the National Electricity Amendment (Transmission Connection and Planning Arrangements) Rule 2017 1547](#_Toc256002376)

[11.98.1 Definitions 1547](#_Toc256002377)

[11.98.2 Grandfathering of existing dedicated connection assets 1548](#_Toc256002378)

[11.98.3 Preparatory steps for registration changes under the Amending Rule 1548](#_Toc256002379)

[11.98.4 Participant fees for Dedicated Connection Asset Service Providers 1549](#_Toc256002380)

[11.98.5 Existing Connection Agreements 1549](#_Toc256002381)

[11.98.6 Connection process 1549](#_Toc256002382)

[11.98.7 Transmission Annual Planning Report 1550](#_Toc256002383)

[11.98.8 Preservation for adoptive jurisdictions 1550](#_Toc256002384)

[Part ZZZA Replacement expenditure planning arrangements 1550](#_Toc256002385)

[11.99 Rules consequential on the making of the National Electricity Amendment (Replacement expenditure planning arrangements) Rule 2017 1550](#_Toc256002386)

[11.99.1 Definitions 1550](#_Toc256002387)

[11.99.2 Interpretation 1551](#_Toc256002388)

[11.99.3 Transitional arrangements for affected DNSPs 1552](#_Toc256002389)

[11.99.4 Amendments to RIT documentation 1552](#_Toc256002390)

[11.99.5 Transitional arrangements relating to excluded projects 1552](#_Toc256002391)

[11.99.6 Transitional arrangements relating to Victorian bushfire mitigation projects 1552](#_Toc256002392)

[11.99.7 Transitional arrangements relating to review of costs thresholds 1553](#_Toc256002393)

[Part ZZZB Managing the rate of change of power system frequency 1553](#_Toc256002394)

[11.100 Rules consequential on the making of the National Electricity Amendment (Managing the rate of change of power system frequency) Rule 2017 1553](#_Toc256002395)

[11.100.1 Definitions 1553](#_Toc256002396)

[11.100.2 Inertia sub-networks 1554](#_Toc256002397)

[11.100.3 Inertia requirements methodology 1554](#_Toc256002398)

[11.100.4 Inertia requirements 1554](#_Toc256002399)

[11.100.5 NSCAS not to be used to meet an inertia shortfall after 1 July 2019 1555](#_Toc256002400)

[11.100.6 Inertia network services may be used to meet an NSCAS gap declared in the NSCAS transition period 1555](#_Toc256002401)

[11.100.7 Inertia network services made available before the commencement date 1556](#_Toc256002402)

[Part ZZZC Managing power system fault levels 1556](#_Toc256002403)

[11.101 Rules consequential on the making of the National Electricity Amendment (Managing power system fault levels) Rule 2017 1556](#_Toc256002404)

[11.101.1 Definitions 1556](#_Toc256002405)

[11.101.2 System strength impact assessment guidelines 1558](#_Toc256002406)

[11.101.3 System strength requirements methodology 1558](#_Toc256002407)

[11.101.4 System strength requirements 1558](#_Toc256002408)

[11.101.5 NSCAS not to be used to meet a fault level shortfall after 1 July 2019 1559](#_Toc256002409)

[11.101.6 System strength services may be used to meet an NSCAS gap declared in the NSCAS transition period 1559](#_Toc256002410)

[11.101.7 Withdrawal of a system strength-related NSCAS gap already declared 1560](#_Toc256002411)

[11.101.8 System strength services made available before the commencement date 1560](#_Toc256002412)

[Part ZZZD Generating System Model Guidelines 1560](#_Toc256002413)

[11.102 Making of Power System Model Guidelines 1560](#_Toc256002414)

[Part ZZZE Five Minute Settlement 1560](#_Toc256002415)

[11.103 Rules consequential on the making of the National Electricity Amendment (Five Minute Settlement) Rule 2017 and the National Electricity Amendment (Delayed implementation of five minute and global settlement) Rule 2020 1560](#_Toc256002416)

[11.103.1 Definitions 1560](#_Toc256002417)

[11.103.2 Amendments to procedures 1561](#_Toc256002418)

[11.103.3. Exemption for certain metering installations 1562](#_Toc256002419)

[11.103.4 New or replacement meters 1562](#_Toc256002420)

[11.103.5 Metering installations exempt from metering data provision requirements 1563](#_Toc256002421)

[11.103.6 Exemption from meter data storage requirements 1563](#_Toc256002422)

[11.103.7 Default offers and bids submitted prior to the commencement date 1563](#_Toc256002423)

[Part ZZZF Contestability of energy services 1563](#_Toc256002424)

[11.104 Rules consequential on the making of the National Electricity Amendment (Contestability of energy services) Rule 2017 1563](#_Toc256002425)

[11.104.1 Definitions 1563](#_Toc256002426)

[11.104.2 New guidelines 1565](#_Toc256002427)

[11.104.3 Transitional arrangements for application of Distribution Service Classification Guidelines and service classification provisions 1565](#_Toc256002428)

[11.104.4 Transitional arrangements for application of Asset Exemption Guidelines, exemption applications and asset exemption decisions 1565](#_Toc256002429)

[11.104.5 Transitional arrangements for adjustment in value of regulatory asset base 1567](#_Toc256002430)

[Part ZZZG Declaration of lack of reserve conditions 1567](#_Toc256002431)

[11.105 Making of lack of reserve declaration guidelines 1567](#_Toc256002432)

[11.105.1 Definitions 1567](#_Toc256002433)

[11.105.2 Making of lack of reserve declaration guidelines 1567](#_Toc256002434)

[Part ZZZH Implementation of demand management incentive scheme 1567](#_Toc256002435)

[11.106 Implementation of demand management incentive scheme 1567](#_Toc256002436)

[11.106.1 Definitions 1567](#_Toc256002437)

[11.106.2 Purpose 1568](#_Toc256002438)

[11.106.3 Early application of revised demand management incentive scheme 1568](#_Toc256002439)

[Part ZZZI Reinstatement of long notice Reliability and Emergency Reserve Trader 1569](#_Toc256002440)

[11.107 Rules consequential on the making of the National Electricity Amendment (Reinstatement of long notice Reliability and Emergency Reserve Trader) Rule 2018 1569](#_Toc256002441)

[11.107.1 Definitions 1569](#_Toc256002442)

[11.107.2 New RERT guidelines 1570](#_Toc256002443)

[11.107.3 Amendments to RERT procedures 1573](#_Toc256002444)

[11.107.4 Reserve contracts entered into before the commencement date 1573](#_Toc256002445)

[Part ZZZJ Register of distributed energy resources 1573](#_Toc256002446)

[11.108 Rules consequential on the making of the National Electricity Amendment (Register of distributed energy resources) Rule 2018 1573](#_Toc256002447)

[11.108.1 Definitions 1573](#_Toc256002448)

[11.108.2 AEMO to develop and publish DER register information guidelines 1574](#_Toc256002449)

[11.108.3 NSPs to provide AEMO with existing DER generation information 1574](#_Toc256002450)

[Part ZZZK Generator technical performance standards 1574](#_Toc256002451)

[11.109 Rules consequential on the making of the National Electricity Amendment (Generator technical performance standards) Rule 2018 1574](#_Toc256002452)

[11.109.1 Definitions 1574](#_Toc256002453)

[11.109.2 Application of the Amending Rule to existing connection enquiries 1575](#_Toc256002454)

[11.109.3 Application of the Amending Rule to existing applications to connect 1576](#_Toc256002455)

[11.109.4 Application of the Amending Rule to existing offers to connect 1578](#_Toc256002456)

[11.109.5 Application of the Amending Rule to Existing Connection Agreements 1578](#_Toc256002457)

[Part ZZZL Generator three year notice of closure 1579](#_Toc256002458)

[11.110 Rules consequential on the making of the National Electricity Amendment (Generator three year notice of closure) Rule 2018 1579](#_Toc256002459)

[11.110.1 Definitions 1579](#_Toc256002460)

[11.110.2 AER to develop and publish notice of closure exemption guideline 1579](#_Toc256002461)

[11.110.3 Application of Amending Rule to AEMO 1579](#_Toc256002462)

[11.110.4 Application of Amending Rule to Generators 1579](#_Toc256002463)

[Part ZZZM Participant compensation following market suspension 1580](#_Toc256002464)

[11.111 Rules consequential on the making of the National Electricity Amendment (Participant compensation following market suspension) Rule 2018 1580](#_Toc256002465)

[11.111.1 Definitions 1580](#_Toc256002466)

[11.111.2 Market suspension compensation methodology and schedule of benchmark values 1580](#_Toc256002467)

[Part ZZZN Global settlement and market reconciliation 1580](#_Toc256002468)

[11.112 Rules consequential on the making of the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 and the National Electricity Amendment (Delayed implementation of five minute and global settlement) Rule 2020 1580](#_Toc256002469)

[11.112.1 Definitions 1580](#_Toc256002470)

[11.112.2 Amendments to AEMO procedures 1581](#_Toc256002471)

[11.112.3 AEMO to publish report on unaccounted for energy trends 1581](#_Toc256002472)

[11.112.4 Continuation of registration for non-market generators 1581](#_Toc256002473)

[11.112.5 Publication of UFE data by AEMO 1581](#_Toc256002474)

[11.112.6 Publication of UFE reporting guidelines 1582](#_Toc256002475)

[Part ZZZO Metering installation timeframes 1582](#_Toc256002476)

[11.113 Rules consequential on making of the National Electricity Amendment (Metering installation timeframes) Rule 2018 1582](#_Toc256002477)

[11.113.1 Definitions 1582](#_Toc256002478)

[11.113.2 Timeframes for meters to be installed 1582](#_Toc256002479)

[Part ZZZP Early implementation of ISP priority projects 1583](#_Toc256002480)

[11.114 National Electricity Amendment (Early implementation of ISP priority projects) Rule 2019 1583](#_Toc256002481)

[11.114.1 Definitions 1583](#_Toc256002482)

[11.114.2 Modifications to clause 5.16.6 for ISP VNI and QNI projects 1584](#_Toc256002483)

[11.114.3 Modifications to clause 6A.8.2 for ISP projects 1585](#_Toc256002484)

[Part ZZZQ Enhancement to the Reliability and Emergency Reserve Trader 1587](#_Toc256002485)

[11.115 Rules consequential on the making of the National Electricity Amendment (Enhancement to the reliability and emergency reserve trader) Rule 2019 1587](#_Toc256002486)

[11.115.1 Definitions 1587](#_Toc256002487)

[11.115.2 New RERT guidelines 1588](#_Toc256002488)

[11.115.3 Amendments to RERT procedures 1588](#_Toc256002489)

[11.115.4 Reserve contracts entered into before the commencement date 1588](#_Toc256002490)

[11.115.5 Clause 3.20.6 (Reporting on RERT by AEMO) 1588](#_Toc256002491)

[Part ZZZR Retailer Reliability Obligation 1588](#_Toc256002492)

[11.116 Rules consequential on the making of the National Electricity Amendment (Retailer Reliability Obligation) Rule 2019 1588](#_Toc256002493)

[11.116.1 Application 1588](#_Toc256002494)

[11.116.2 Reliability Instrument Guidelines 1589](#_Toc256002495)

[11.116.3 Forecasting Best Practice Guidelines 1589](#_Toc256002496)

[11.116.4 Reliability Forecast Guidelines 1589](#_Toc256002497)

[11.116.5 AER Opt-in Guidelines 1590](#_Toc256002498)

[11.116.6 Contracts and Firmness Guidelines 1590](#_Toc256002499)

[11.116.7 Qualifying contracts under interim Contracts and Firmness Guidelines 1590](#_Toc256002500)

[11.116.8 Grandfathering arrangements 1590](#_Toc256002501)

[11.116.9 Reliability Compliance Procedures and Guidelines 1591](#_Toc256002502)

[11.116.10 MLO Guidelines 1592](#_Toc256002503)

[11.116.11 Application of Part G, Divisions 2 – 6 (inclusive) 1592](#_Toc256002504)

[11.116.12 Interim deeming of MLO generators and MLO groups 1593](#_Toc256002505)

[11.116.13 MLO information template 1599](#_Toc256002506)

[11.116.14 Initial MLO register 1600](#_Toc256002507)

[11.116.15 Approved MLO products list 1600](#_Toc256002508)

[11.116.16 Designated MLO exchange 1600](#_Toc256002509)

[11.116.17 Five minute settlement intervals 1600](#_Toc256002510)

[11.116.18 Review by AEMC 1600](#_Toc256002511)

[Part ZZZS Transparency of new projects 1601](#_Toc256002512)

[11.117 Rules consequential on the making of the National Electricity Amendment (Transparency of new projects) Rule 2019 1601](#_Toc256002513)

[11.117.1 Definitions 1601](#_Toc256002514)

[11.117.2 Generation information page 1601](#_Toc256002515)

[11.117.3 Generation information guidelines 1601](#_Toc256002516)

[11.117.4 Provision and use of information 1602](#_Toc256002517)

[Part ZZZT Demand management incentive scheme and innovation allowance for TNSPs 1602](#_Toc256002518)

[11.118 Rules consequential on the making of the National Electricity Amendment (Demand management incentive scheme and innovation allowance for TNSPs) Rule 2019 1602](#_Toc256002519)

[11.118.1 Definitions 1602](#_Toc256002520)

[11.118.2 AER to develop and publish the demand management innovation allowance mechanism 1602](#_Toc256002521)

[Part ZZZU Application of the regional reference node test to the Reliability and Emergency Reserve Trader 1603](#_Toc256002522)

[11.119 Rules consequential on the making of the National Electricity Amendment (Application of the regional reference node test to the Reliability and Emergency Reserve Trader) Rule 2019 1603](#_Toc256002523)

[11.119.1 Definitions 1603](#_Toc256002524)

[11.119.2 AEMO intervention event in effect on commencement date 1603](#_Toc256002525)

[Part ZZZV Improving Transparency and Extending Duration of MT PASA 1603](#_Toc256002526)

[11.120 Rules consequential on the making of the National Electricity Amendment (Improving transparency and extending duration of MT PASA) Rule 2020 1603](#_Toc256002527)

[11.120.1 AEMO to update spot market operations timetable 1603](#_Toc256002528)

[Part ZZZW Victorian jurisdictional derogation – RERT contracting 1603](#_Toc256002529)

[11.121 Rules consequential on the making of the National Electricity Amendment (Victorian jurisdictional derogation - RERT contracting) Rule 2020 1603](#_Toc256002530)

[11.121.1 Definitions 1603](#_Toc256002531)

[11.121.2 Procedures 1604](#_Toc256002532)

[Part ZZZX Mandatory primary frequency response 1604](#_Toc256002533)

[11.122 Rules consequential on the making of the National Electricity Amendment (Mandatory primary frequency response) Rule 2020 1604](#_Toc256002534)

[11.122.1 Definitions 1604](#_Toc256002535)

[11.122.2 Interim Primary Frequency Response Requirements 1604](#_Toc256002536)

[11.122.3 Action taken prior to commencement 1605](#_Toc256002537)

[Part ZZZY System restart services, standards and testing 1605](#_Toc256002538)

[11.123 Rules consequential on the making of the National Electricity Amendment (System restart services, standards and testing) Rule 2020 1605](#_Toc256002539)

[11.123.1 Definitions 1605](#_Toc256002540)

[11.123.2 SRAS Guideline 1605](#_Toc256002541)

[11.123.3 System restart standard 1606](#_Toc256002542)

[11.123.4 Communication protocols 1606](#_Toc256002543)

[11.123.5 System restart tests 1606](#_Toc256002544)

[Part ZZZZ Introduction of metering coordinator planned interruptions 1606](#_Toc256002545)

[11.124 Rules consequential on the making of the National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 1606](#_Toc256002546)

[11.124.1 Definitions 1606](#_Toc256002547)

[11.124.2 Amendments of the metrology procedure 1607](#_Toc256002548)

[11.124.3 Market Settlement and Transfer Solutions Procedures 1607](#_Toc256002549)

[11.124.4 Requirements of the metrology procedure 1607](#_Toc256002550)

[Part ZZZZA Wholesale demand response 1607](#_Toc256002551)

[11.125 Rules consequential on the making of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 1607](#_Toc256002552)

[11.125.1 Definitions 1607](#_Toc256002553)

[11.125.2 Wholesale demand response guidelines 1608](#_Toc256002554)

[11.125.3 Baseline methodologies 1609](#_Toc256002555)

[11.125.4 Wholesale demand response participation guidelines 1609](#_Toc256002556)

[11.125.5 Extension of time for registration and aggregation 1609](#_Toc256002557)

[11.125.6 Amendments to AEMO, AER and AEMC documents 1609](#_Toc256002558)

[11.125.7 Amendments to the demand side participation information guidelines 1610](#_Toc256002559)

[11.125.8 Amendment to RERT guidelines 1610](#_Toc256002560)

[11.125.9 Renaming of Market Ancillary Service Providers 1611](#_Toc256002561)

[11.125.10 Wholesale demand response annual reporting 1611](#_Toc256002562)

[Part ZZZZB Integrated System Plan Rules 1611](#_Toc256002563)

[11.126 Rules consequential on the making of the National Electricity Amendment (Integrated System Plan) Rule 2020 1611](#_Toc256002564)

[11.126.1 Definitions 1611](#_Toc256002565)

[11.126.2 2020 Integrated System Plan 1612](#_Toc256002566)

[11.126.3 Existing actionable ISP projects 1612](#_Toc256002567)

[11.126.4 Existing actionable ISP projects at the clause 5.16.6 stage 1612](#_Toc256002568)

[11.126.5 Existing actionable ISP projects prior to the clause 5.16.6 stage 1613](#_Toc256002569)

[11.126.6 Existing RIT-T proponent has published a PSCR but not a PADR 1613](#_Toc256002570)

[11.126.7 Cost Benefit Analysis Guidelines 1614](#_Toc256002571)

[11.126.8 Forecasting Best Practice Guidelines 1614](#_Toc256002572)

[11.126.9 Methodologies and reports 1614](#_Toc256002573)

[11.126.10 AEMC review of ISP framework 1614](#_Toc256002574)

[Part ZZZZC Deferral of network charges 1615](#_Toc256002575)

[11.127 Transitional arrangements made by the National Electricity Amendment (Deferral of network charges) Rule 2020 No. 11 1615](#_Toc256002576)

[11.127.1 Definitions 1615](#_Toc256002577)

[11.127.2 Deferral of payment of network charges 1616](#_Toc256002578)

[11.127.3 Deferral of payment of charges for prescribed transmission services 1617](#_Toc256002579)

[11.127.4 AER reporting 1618](#_Toc256002580)

[11.127.5 Application of this Part 1618](#_Toc256002581)

[Part ZZZZD Interim reliability measure 1618](#_Toc256002582)

[11.128 Rules consequential on the making of the National Electricity Amendment (Interim reliability measure) Rule 2020 1618](#_Toc256002583)

[11.128.1 Definitions 1618](#_Toc256002584)

[11.128.2 Expiry date 1619](#_Toc256002585)

[11.128.3 Application of rule 3.20 1619](#_Toc256002586)

[11.128.4 Reserve contracts for interim reliability reserves 1619](#_Toc256002587)

[11.128.5 Interim reliability reserves – reporting 1621](#_Toc256002588)

[11.128.6 AEMO exercise of RERT 1621](#_Toc256002589)

[11.128.7 RERT guidelines 1622](#_Toc256002590)

[11.128.8 RERT procedures 1622](#_Toc256002591)

[11.128.9 Reliability standard implementation guidelines 1622](#_Toc256002592)

[11.128.10 AEMO preparatory activities 1622](#_Toc256002593)

[11.128.11 Reserve contracts entered into before the commencement date 1623](#_Toc256002594)

[11.128.12 Review by the AEMC 1623](#_Toc256002595)