**National Electricity Rules Version 151**

**Historical Information**

This version of the National Electricity Rules was current from 22 October 2020 to 28 October 2020.

National Electricity Rules

Version 151

Status Information

This is the latest electronically available version of the National Electricity Rules as at 22 October 2020.

This consolidated version of the National Electricity Rules was last updated on 22 October 2020 as a result of the commencement of the following amendments:

Schedules 1, 2 and 3 of the National Electricity Amendment (Removal of intervention hierarchy) Rule 2020 No. 14

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:

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.

Schedule 4 of the National Electricity Amendment (Removal of intervention hierarchy) Rule 2020 No. 14 will commence operation on 24 October 2021, immediately after the commencement of Schedules 1, 3, 4 and 5 of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 No. 9.

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 133](#_Toc256000213)

[3.8.13 Notification of constraints 134](#_Toc256000214)

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

[3.8.14A Procedures and reporting under conditions of supply scarcity 134](#_Toc256000216)

[3.8.15 [Deleted] 135](#_Toc256000217)

[3.8.16 Equal priced dispatch bids and dispatch offers 135](#_Toc256000218)

[3.8.17 Self-commitment 135](#_Toc256000219)

[3.8.18 Self-decommitment 136](#_Toc256000220)

[3.8.19 Dispatch inflexibilities 137](#_Toc256000221)

[3.8.20 Pre-dispatch schedule 139](#_Toc256000222)

[3.8.21 On-line dispatch process 141](#_Toc256000223)

[3.8.22 Rebidding 142](#_Toc256000224)

[3.8.22A Offers, bids and rebids must not be false or misleading 144](#_Toc256000225)

[3.8.23 Failure to conform to dispatch instructions 145](#_Toc256000226)

[3.8.24 Scheduling errors 147](#_Toc256000227)

[3.9 Price Determination 148](#_Toc256000228)

[3.9.1 Principles applicable to spot price determination 148](#_Toc256000229)

[3.9.2 Determination of spot prices 149](#_Toc256000230)

[3.9.2A Determination of ancillary services prices 150](#_Toc256000231)

[3.9.2B Pricing where AEMO determines a manifestly incorrect input 151](#_Toc256000232)

[3.9.3 Pricing in the event of intervention by AEMO 152](#_Toc256000233)

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

[3.9.3B Reliability standard and settings review report 156](#_Toc256000235)

[3.9.3C Reliability standard and interim reliability measure 156](#_Toc256000236)

[3.9.3D Implementation of the reliability standard 157](#_Toc256000237)

[3.9.4 Market Price Cap 158](#_Toc256000238)

[3.9.5 Application of the Market Price Cap 159](#_Toc256000239)

[3.9.6 Market Floor Price 159](#_Toc256000240)

[3.9.6A Application of the Market Floor Price 159](#_Toc256000241)

[3.9.7 Pricing for constrained-on scheduled generating units 160](#_Toc256000242)

[3.10 [Deleted] 161](#_Toc256000243)

[3.11 Ancillary Services 161](#_Toc256000244)

[3.11.1 Introduction 161](#_Toc256000245)

[3.11.2 Market ancillary services 162](#_Toc256000246)

[3.11.2A AER reporting on market ancillary services markets 163](#_Toc256000247)

[3.11.3 Acquisition of Network Support and Control Ancillary Service 163](#_Toc256000248)

[3.11.4 [Not used] 164](#_Toc256000249)

[3.11.5 Tender process for network support and control ancillary services 164](#_Toc256000250)

[3.11.6 Dispatch of network support and control ancillary services by AEMO 166](#_Toc256000251)

[3.11.7 Guidelines and objectives for acquisition of system restart ancillary services by AEMO 167](#_Toc256000252)

[3.11.8 Determination of electrical sub-network boundaries 168](#_Toc256000253)

[3.11.9 Acquisition of system restart ancillary services by AEMO 168](#_Toc256000254)

[3.11.10 Reporting 169](#_Toc256000255)

[3.12 Market Intervention by AEMO 169](#_Toc256000256)

[3.12.1 Intervention settlement timetable 169](#_Toc256000257)

[3.12.2 Affected Participants and Market Customers entitlements to compensation in relation to AEMO intervention 170](#_Toc256000258)

[3.12.3 Role of the Independent Expert in calculating payments in relation to intervention by AEMO and market suspension pricing schedule periods 174](#_Toc256000259)

[3.12A [DELETED] 176](#_Toc256000260)

[3.13 Market Information 176](#_Toc256000261)

[3.13.1 Provision of information 176](#_Toc256000262)

[3.13.2 Systems and procedures 177](#_Toc256000263)

[3.13.3 Standing data 178](#_Toc256000264)

[3.13.3AA Standing data: Project developers 183](#_Toc256000265)

[3.13.3A Statement of opportunities 184](#_Toc256000266)

[3.13.4 Spot market 186](#_Toc256000267)

[3.13.4A Market ancillary services 190](#_Toc256000268)

[3.13.5 Ancillary services contracting by AEMO 190](#_Toc256000269)

[3.13.5A Settlements residue auctions 190](#_Toc256000270)

[3.13.6 [Deleted] 191](#_Toc256000271)

[3.13.6A Report by AEMO 191](#_Toc256000272)

[3.13.7 Monitoring of significant variation between forecast and actual prices by AER 191](#_Toc256000273)

[3.13.8 Public information 193](#_Toc256000274)

[3.13.9 [Deleted] 193](#_Toc256000275)

[3.13.10 Market auditor 193](#_Toc256000276)

[3.13.11 [Deleted] 194](#_Toc256000277)

[3.13.12 NMI Standing Data 194](#_Toc256000278)

[3.13.12A NMI Standing Data Schedule 197](#_Toc256000279)

[3.13.13 Inter-network tests 198](#_Toc256000280)

[3.13.14 Carbon Dioxide Equivalent Intensity Index 198](#_Toc256000281)

[3.14 Administered Price Cap and Market Suspension 201](#_Toc256000282)

[3.14.1 Cumulative Price Threshold and Administered Price Cap 201](#_Toc256000283)

[3.14.2 Application of Administered Price Cap 202](#_Toc256000284)

[3.14.3 Conditions for suspension of the spot market 204](#_Toc256000285)

[3.14.4 Declaration of market suspension 205](#_Toc256000286)

[3.14.5 Pricing during market suspension 206](#_Toc256000287)

[3.14.5A Payment of compensation due to market suspension pricing schedule periods 207](#_Toc256000288)

[3.14.5B Claims for additional compensation due to market suspension pricing schedule periods 210](#_Toc256000289)

[3.14.6 Compensation due to the application of an administered price cap or administered floor price 212](#_Toc256000290)

[3.15 Settlements 216](#_Toc256000291)

[3.15.1 Settlements management by AEMO 216](#_Toc256000292)

[3.15.2 Electronic funds transfer 216](#_Toc256000293)

[3.15.3 Connection point and virtual transmission node responsibility 217](#_Toc256000294)

[3.15.4 Adjusted energy amounts connection points 217](#_Toc256000295)

[3.15.5 Adjusted energy - transmission network connection points 217](#_Toc256000296)

[3.15.5A Adjusted energy - virtual transmission nodes 218](#_Toc256000297)

[3.15.6 Spot market transactions 218](#_Toc256000298)

[3.15.6A Ancillary service transactions 219](#_Toc256000299)

[3.15.7 Payment to Directed Participants 231](#_Toc256000300)

[3.15.7A Payment to Directed Participants for services other than energy and market ancillary services 232](#_Toc256000301)

[3.15.7B Claim for additional compensation by Directed Participants 235](#_Toc256000302)

[3.15.8 Funding of Compensation for directions 237](#_Toc256000303)

[3.15.8A Funding of compensation for market suspension pricing schedule periods 241](#_Toc256000304)

[3.15.9 Reserve settlements 243](#_Toc256000305)

[3.15.9A Procurer of last resort cost allocation 246](#_Toc256000306)

[3.15.10 Administered price cap or administered floor price compensation payments 250](#_Toc256000307)

[3.15.10A Goods and services tax 251](#_Toc256000308)

[3.15.10B [DELETED] 252](#_Toc256000309)

[3.15.10C Intervention and Market Suspension Pricing Schedule Period Settlements 252](#_Toc256000310)

[3.15.11 Reallocation transactions 255](#_Toc256000311)

[3.15.11A Reallocation procedures 257](#_Toc256000312)

[3.15.12 Settlement amount 257](#_Toc256000313)

[3.15.13 Payment of settlement amount 258](#_Toc256000314)

[3.15.14 Preliminary statements 258](#_Toc256000315)

[3.15.15 Final statements 259](#_Toc256000316)

[3.15.15A Use of estimated settlement amounts by AEMO 259](#_Toc256000317)

[3.15.16 Payment by market participants 259](#_Toc256000318)

[3.15.17 Payment to market participants 259](#_Toc256000319)

[3.15.18 Disputes 259](#_Toc256000320)

[3.15.19 Revised Statements and Adjustments 260](#_Toc256000321)

[3.15.20 Payment of adjustments 262](#_Toc256000322)

[3.15.21 Default procedure 262](#_Toc256000323)

[3.15.22 Maximum total payment in respect of a billing period 266](#_Toc256000324)

[3.15.23 Maximum total payment in respect of a financial year 268](#_Toc256000325)

[3.15.24 Compensation for reductions under clause 3.15.23 269](#_Toc256000326)

[3.15.25 Interest on overdue amounts 269](#_Toc256000327)

[3.16 Participant compensation fund 270](#_Toc256000328)

[3.16.1 Establishment of Participant compensation fund 270](#_Toc256000329)

[3.16.2 Dispute resolution panel to determine compensation 270](#_Toc256000330)

[3.17 [Deleted] 272](#_Toc256000331)

[3.18 Settlements Residue Auctions 272](#_Toc256000332)

[3.18.1 Settlements residue concepts 272](#_Toc256000333)

[3.18.2 Auctions and eligible persons 273](#_Toc256000334)

[3.18.3 Auction rules 274](#_Toc256000335)

[3.18.3A Secondary trading of SRD units 275](#_Toc256000336)

[3.18.4 Proceeds and fees 275](#_Toc256000337)

[3.18.4A Secondary trading proceeds and margin 276](#_Toc256000338)

[3.18.5 Settlement residue committee 277](#_Toc256000339)

[3.19 Market Management Systems Access Procedures 278](#_Toc256000340)

[3.20 Reliability and Emergency Reserve Trader 279](#_Toc256000341)

[3.20.1 Definitions 279](#_Toc256000342)

[3.20.2 Reliability and emergency reserve trader 279](#_Toc256000343)

[3.20.3 Reserve contracts 280](#_Toc256000344)

[3.20.4 Dispatch pricing methodology for unscheduled reserve contracts 282](#_Toc256000345)

[3.20.5 AEMO's risk management and accounts relating to the reliability safety net 283](#_Toc256000346)

[3.20.6 Reporting on RERT by AEMO 283](#_Toc256000347)

[3.20.7 AEMO's exercise of the RERT 285](#_Toc256000348)

[3.20.8 RERT Guidelines 287](#_Toc256000349)

[3.20.9 [Deleted] 288](#_Toc256000350)

[Schedule 3.1 Bid and Offer Validation Data 288](#_Toc256000351)

[Schedule 3.2 [Deleted] 292](#_Toc256000352)

[Schedule 3.3 [Deleted] 292](#_Toc256000353)

[4. Power System Security 295](#_Toc256000354)

[4.1 Introduction 295](#_Toc256000355)

[4.1.1 Purpose 295](#_Toc256000356)

[4.2 Definitions and Principles 295](#_Toc256000357)

[4.2.1 [Deleted] 295](#_Toc256000358)

[4.2.2 Satisfactory Operating State 295](#_Toc256000359)

[4.2.3 Credible and non-credible contingency events and protected events 296](#_Toc256000360)

[4.2.3A Re-classifying contingency events 297](#_Toc256000361)

[4.2.3B Criteria for re-classifying contingency events 298](#_Toc256000362)

[4.2.4 Secure operating state and power system security 299](#_Toc256000363)

[4.2.5 Technical envelope 299](#_Toc256000364)

[4.2.6 General principles for maintaining power system security 300](#_Toc256000365)

[4.2.7 Reliable Operating State 301](#_Toc256000366)

[4.2.8 Time for undertaking action 301](#_Toc256000367)

[4.3 Power System Security Responsibilities and Obligations 301](#_Toc256000368)

[4.3.1 Responsibility of AEMO for power system security 301](#_Toc256000369)

[4.3.2 System security 303](#_Toc256000370)

[4.3.3 The role of System Operators 306](#_Toc256000371)

[4.3.4 Network Service Providers 307](#_Toc256000372)

[4.3.5 Market Customer obligations 312](#_Toc256000373)

[4.4 Power System Frequency Control 313](#_Toc256000374)

[4.4.1 Power system frequency control responsibilities 313](#_Toc256000375)

[4.4.2 Operational frequency control requirements 313](#_Toc256000376)

[4.4.2A Primary Frequency Response Requirements 313](#_Toc256000377)

[4.4.2B Approval of variations or exemptions 315](#_Toc256000378)

[4.4.3 Generator protection requirements 315](#_Toc256000379)

[4.4.4 Instructions to enable inertia network services 316](#_Toc256000380)

[4.4.5 Instructions to enable system strength services 317](#_Toc256000381)

[4.5 Control of Power System Voltage 318](#_Toc256000382)

[4.5.1 Power system voltage control 318](#_Toc256000383)

[4.5.2 Reactive power reserve requirements 319](#_Toc256000384)

[4.5.3 Audit and testing 319](#_Toc256000385)

[4.6 Protection of Power System Equipment 320](#_Toc256000386)

[4.6.1 Power system fault levels 320](#_Toc256000387)

[4.6.2 Power system protection co-ordination 320](#_Toc256000388)

[4.6.3 Audit and testing 320](#_Toc256000389)

[4.6.4 Short-term thermal ratings of power system 320](#_Toc256000390)

[4.6.5 Partial outage of power protection systems 320](#_Toc256000391)

[4.6.6 System strength impact assessment guidelines 321](#_Toc256000392)

[4.7 Power System Stability Co-ordination 322](#_Toc256000393)

[4.7.1 Stability analysis co-ordination 322](#_Toc256000394)

[4.7.2 Audit and testing 323](#_Toc256000395)

[4.8 Power System Security Operations 323](#_Toc256000396)

[4.8.1 Registered Participants' advice 323](#_Toc256000397)

[4.8.2 Protection or control system abnormality 323](#_Toc256000398)

[4.8.3 AEMO's advice on power system emergency conditions 323](#_Toc256000399)

[4.8.4 Declaration of conditions 324](#_Toc256000400)

[4.8.4A Reserve level declaration guidelines 324](#_Toc256000401)

[4.8.4B Lack of reserve framework reporting 325](#_Toc256000402)

[4.8.5 Managing declarations of conditions 326](#_Toc256000403)

[4.8.5A Determination of the latest time for AEMO intervention 326](#_Toc256000404)

[4.8.5B Notifications of last time of AEMO intervention 327](#_Toc256000405)

[4.8.6 [Deleted] 327](#_Toc256000406)

[4.8.7 Managing a power system contingency event 327](#_Toc256000407)

[4.8.8 [Deleted] 328](#_Toc256000408)

[4.8.9 Power to issue directions and clause 4.8.9 instructions 328](#_Toc256000409)

[4.8.9A System security directions 330](#_Toc256000410)

[4.8.10 Disconnection of generating units and market network services 330](#_Toc256000411)

[4.8.11 [Deleted] 330](#_Toc256000412)

[4.8.12 System restart plan and local black system procedures 330](#_Toc256000413)

[4.8.13 [Deleted] 332](#_Toc256000414)

[4.8.14 Power system restoration 332](#_Toc256000415)

[4.8.15 Review of operating incidents 332](#_Toc256000416)

[4.8.16 AEMO reporting on frequency performance 334](#_Toc256000417)

[4.9 Power System Security Related Market Operations 335](#_Toc256000418)

[4.9.1 Load forecasting 335](#_Toc256000419)

[4.9.2 Instructions to Scheduled Generators and Semi-Scheduled Generators 336](#_Toc256000420)

[4.9.2A Dispatch Instructions to Scheduled Network Service Providers 337](#_Toc256000421)

[4.9.3 Instructions to Registered Participants 337](#_Toc256000422)

[4.9.3A Ancillary services instructions 338](#_Toc256000423)

[4.9.3B Compliance with dispatch instructions 339](#_Toc256000424)

[4.9.4 Dispatch related limitations on Scheduled Generators and Semi-Scheduled Generators 339](#_Toc256000425)

[4.9.4A Dispatch related limitations on Scheduled Network Service Providers 340](#_Toc256000426)

[4.9.5 Form of dispatch instructions 341](#_Toc256000427)

[4.9.6 Commitment of scheduled generating units 341](#_Toc256000428)

[4.9.7 De-commitment, or output reduction, by Scheduled Generators 342](#_Toc256000429)

[4.9.8 General responsibilities of Registered Participants 343](#_Toc256000430)

[4.9.9 Scheduled Generator plant changes 344](#_Toc256000431)

[4.9.9A Scheduled Network Service Provider plant changes 345](#_Toc256000432)

[4.9.9B Ancillary service plant changes 345](#_Toc256000433)

[4.9.9C Inertia network service availability changes 345](#_Toc256000434)

[4.9.9D System strength service availability changes 345](#_Toc256000435)

[4.10 Power System Operating Procedures 345](#_Toc256000436)

[4.10.1 Power system operating procedures 345](#_Toc256000437)

[4.10.2 Transmission network operations 346](#_Toc256000438)

[4.10.3 Operating interaction with distribution networks 347](#_Toc256000439)

[4.10.4 Switching of a Distributor's high voltage networks 347](#_Toc256000440)

[4.10.5 Switching of reactive power facilities 348](#_Toc256000441)

[4.10.6 Automatic reclose 348](#_Toc256000442)

[4.10.7 Inspection of facilities by AEMO 348](#_Toc256000443)

[4.11 Power System Security Support 348](#_Toc256000444)

[4.11.1 Remote control and monitoring devices 348](#_Toc256000445)

[4.11.2 Operational control and indication communication facilities 350](#_Toc256000446)

[4.11.3 Power system voice/data operational communication facilities 350](#_Toc256000447)

[4.11.4 Records of power system operational communication 352](#_Toc256000448)

[4.11.5 Agent communications 352](#_Toc256000449)

[4.12 Nomenclature Standards 353](#_Toc256000450)

[4.13 [Deleted] 354](#_Toc256000451)

[4.14 Acceptance of Performance Standards 354](#_Toc256000452)

[4.15 Compliance with Performance Standards 356](#_Toc256000453)

[4.16 Transitioning arrangements for establishment of performance standards 359](#_Toc256000454)

[4.16.1 Definitions 359](#_Toc256000455)

[4.16.2 Exclusions 361](#_Toc256000456)

[4.16.3 Notification and acceptance of performance standards 361](#_Toc256000457)

[4.16.4 Actual capability 366](#_Toc256000458)

[4.16.5 Criteria for, and negotiation of, performance standards 367](#_Toc256000459)

[4.16.6 Consultation with and assistance by Network Service Providers 369](#_Toc256000460)

[4.16.7 Referral to expert determination 370](#_Toc256000461)

[4.16.8 Prior actions 370](#_Toc256000462)

[4.16.9 Deemed performance standards 371](#_Toc256000463)

[4.16.10 Modification of connection agreements 371](#_Toc256000464)

[4.17 Expert determination 371](#_Toc256000465)

[4.17.1 Performance standards committee and appointment of performance standards experts 371](#_Toc256000466)

[4.17.2 Referral to performance standards expert 373](#_Toc256000467)

[4.17.3 Determinations of performance standards experts 373](#_Toc256000468)

[4.17.4 Other matters 374](#_Toc256000469)

[4A. Retailer Reliability Obligation 379](#_Toc256000470)

[Part A Introduction 379](#_Toc256000471)

[4A.A Definitions 379](#_Toc256000472)

[4A.A.1 Definitions 379](#_Toc256000473)

[4A.A.2 Forecast reliability gap materiality 382](#_Toc256000474)

[4A.A.3 One-in-two year peak demand forecast 382](#_Toc256000475)

[4A.A.4 Peak demand 382](#_Toc256000476)

[Part B Reliability Forecasts 383](#_Toc256000477)

[4A.B.1 Reliability forecast 383](#_Toc256000478)

[4A.B.2 Reliability forecast components 383](#_Toc256000479)

[4A.B.3 Supporting materials 384](#_Toc256000480)

[4A.B.4 Reliability Forecast Guidelines 384](#_Toc256000481)

[4A.B.5 AER Forecasting Best Practice Guidelines 385](#_Toc256000482)

[Part C Reliability Instruments 386](#_Toc256000483)

[Division 1 AEMO request for a reliability instrument 386](#_Toc256000484)

[4A.C.1 AEMO request for a reliability instrument 386](#_Toc256000485)

[4A.C.2 AEMO request for a T-3 reliability instrument 386](#_Toc256000486)

[4A.C.3 AEMO request for a T-1 reliability instrument 387](#_Toc256000487)

[4A.C.4 Related T-3 reliability instrument 387](#_Toc256000488)

[4A.C.5 Notification of a closed forecast reliability gap at T-1 387](#_Toc256000489)

[4A.C.6 Corrections to a request 388](#_Toc256000490)

[4A.C.7 Withdrawing a request 388](#_Toc256000491)

[Division 2 AER making of a reliability instrument 388](#_Toc256000492)

[4A.C.8 AER making of a reliability instrument 388](#_Toc256000493)

[4A.C.9 When a decision by the AER must be made 388](#_Toc256000494)

[4A.C.10 T-1 reliability instrument components 389](#_Toc256000495)

[4A.C.11 AER decision making criteria 389](#_Toc256000496)

[4A.C.12 Reliability Instrument Guidelines 389](#_Toc256000497)

[Part D Liable Entities 390](#_Toc256000498)

[4A.D.1 Application 390](#_Toc256000499)

[4A.D.2 Liable entities 390](#_Toc256000500)

[4A.D.3 New entrants 391](#_Toc256000501)

[4A.D.4 Application to register as large opt-in customer 391](#_Toc256000502)

[4A.D.5 Application to register as prescribed opt-in customer 392](#_Toc256000503)

[4A.D.6 Thresholds 392](#_Toc256000504)

[4A.D.7 Opt-in cut-off day 393](#_Toc256000505)

[4A.D.8 AER approval of applications 393](#_Toc256000506)

[4A.D.9 AER opt-in register 394](#_Toc256000507)

[4A.D.10 Changes to register 394](#_Toc256000508)

[4A.D.11 AER register taken to be correct 394](#_Toc256000509)

[4A.D.12 AEMO Opt-In Procedures 395](#_Toc256000510)

[4A.D.13 AER Opt-In Guidelines 395](#_Toc256000511)

[Part E Qualifying Contracts and Net Contract Position 396](#_Toc256000512)

[Division 1 Key concepts 396](#_Toc256000513)

[4A.E.1 Qualifying contracts 396](#_Toc256000514)

[4A.E.2 Net contract position 397](#_Toc256000515)

[Division 2 Firmness methodologies 397](#_Toc256000516)

[4A.E.3 Firmness methodology 397](#_Toc256000517)

[4A.E.4 Types of methodologies 398](#_Toc256000518)

[4A.E.5 Approval of a bespoke firmness methodology 398](#_Toc256000519)

[Division 3 Reporting net contract position 399](#_Toc256000520)

[4A.E.6 Reporting requirements 399](#_Toc256000521)

[Division 4 Adjustment of net contract position 400](#_Toc256000522)

[4A.E.7 Adjustment of net contract position 400](#_Toc256000523)

[Division 5 Contracts and Firmness Guidelines 401](#_Toc256000524)

[4A.E.8 Contracts and Firmness Guidelines 401](#_Toc256000525)

[Part F Compliance with the Retailer Reliability Obligation 402](#_Toc256000526)

[Division 1 Application 402](#_Toc256000527)

[4A.F.1 Application 402](#_Toc256000528)

[Division 2 Key concepts 402](#_Toc256000529)

[4A.F.2 Compliance TI 402](#_Toc256000530)

[4A.F.3 Share of one-in-two year peak demand forecast 402](#_Toc256000531)

[Division 3 AEMO notifications to AER 404](#_Toc256000532)

[4A.F.4 AEMO notification of compliance trading intervals 404](#_Toc256000533)

[4A.F.5 AEMO compliance report 404](#_Toc256000534)

[Division 4 AER assessment of compliance 404](#_Toc256000535)

[4A.F.6 Reliability Compliance Procedures and Guidelines 404](#_Toc256000536)

[4A.F.7 AER assessment 405](#_Toc256000537)

[4A.F.8 AER notification to AEMO for PoLR costs 405](#_Toc256000538)

[Division 5 Miscellaneous 406](#_Toc256000539)

[4A.F.9 Demand response information 406](#_Toc256000540)

[4A.F.10 PoLR cost procedures 406](#_Toc256000541)

[Part G Market Liquidity Obligation 406](#_Toc256000542)

[Division 1 Preliminary 406](#_Toc256000543)

[4A.G.1 Overview of Part G 406](#_Toc256000544)

[4A.G.2 Purpose and application 407](#_Toc256000545)

[Division 2 Market Generators and trading right holders 407](#_Toc256000546)

[4A.G.3 Market Generators and generator capacity 407](#_Toc256000547)

[4A.G.4 Trading rights and trading right holders 407](#_Toc256000548)

[Division 3 Trading groups 408](#_Toc256000549)

[4A.G.5 Trading group 408](#_Toc256000550)

[4A.G.6 Controlling entity 409](#_Toc256000551)

[Division 4 Traced capacity and trading group capacity 410](#_Toc256000552)

[4A.G.7 Traced capacity 410](#_Toc256000553)

[4A.G.8 Tracing capacity to trading groups 410](#_Toc256000554)

[4A.G.9 Trading group capacity 411](#_Toc256000555)

[Division 5 MLO generators and MLO groups 411](#_Toc256000556)

[4A.G.10 MLO group 411](#_Toc256000557)

[4A.G.11 MLO generator 411](#_Toc256000558)

[Division 6 Market Generator information 411](#_Toc256000559)

[4A.G.12 MLO register 411](#_Toc256000560)

[4A.G.13 Market Generator information 413](#_Toc256000561)

[4A.G.14 Applications to the AER 414](#_Toc256000562)

[Division 7 Liquidity period 415](#_Toc256000563)

[4A.G.15 Notices prior to a liquidity period 415](#_Toc256000564)

[4A.G.16 Duration of liquidity period 415](#_Toc256000565)

[Division 8 Liquidity obligation 415](#_Toc256000566)

[4A.G.17 Liquidity obligation 415](#_Toc256000567)

[4A.G.18 Performing a liquidity obligation 416](#_Toc256000568)

[4A.G.19 Volume limits 417](#_Toc256000569)

[4A.G.20 Appointment of MLO nominee 418](#_Toc256000570)

[4A.G.21 Exemptions 419](#_Toc256000571)

[Division 9 MLO products and MLO exchange 419](#_Toc256000572)

[4A.G.22 MLO products 419](#_Toc256000573)

[4A.G.23 MLO exchange 420](#_Toc256000574)

[Division 10 Miscellaneous 421](#_Toc256000575)

[4A.G.24 MLO compliance and reporting 421](#_Toc256000576)

[4A.G.25 MLO Guidelines 421](#_Toc256000577)

[Part H Voluntary Book Build 422](#_Toc256000578)

[4A.H.1 Purpose and application 422](#_Toc256000579)

[4A.H.2 Book Build Procedures 422](#_Toc256000580)

[4A.H.3 Commencement of voluntary book build 423](#_Toc256000581)

[4A.H.4 Participation in the voluntary book build 424](#_Toc256000582)

[4A.H.5 Book build fees 424](#_Toc256000583)

[4A.H.6 Reporting 424](#_Toc256000584)

[5. Network Connection Access, Planning and Expansion 427](#_Toc256000585)

[Part A Introduction 427](#_Toc256000586)

[5.1 Introduction to Chapter 5 427](#_Toc256000587)

[5.1.1 Structure of this Chapter 427](#_Toc256000588)

[5.1.2 Overview of Part B and connection and access under the Rules 427](#_Toc256000589)

[Part B Network Connection and Access 430](#_Toc256000590)

[5.1A Introduction to Part B 430](#_Toc256000591)

[5.1A.1 Purpose and Application 430](#_Toc256000592)

[5.1A.2 Principles 432](#_Toc256000593)

[5.2 Obligations 433](#_Toc256000594)

[5.2.1 Obligations of Registered Participants 433](#_Toc256000595)

[5.2.2 Connection agreements 433](#_Toc256000596)

[5.2.3 Obligations of network service providers 434](#_Toc256000597)

[5.2.3A Obligations of Market Network Service Providers 439](#_Toc256000598)

[5.2.4 Obligations of customers 439](#_Toc256000599)

[5.2.5 Obligations of Generators 441](#_Toc256000600)

[5.2.6 Obligations of AEMO 442](#_Toc256000601)

[5.2.6A AEMO review of technical requirements for connection 442](#_Toc256000602)

[5.2.7 Obligations of Dedicated Connection Asset Service Providers 443](#_Toc256000603)

[5.2A Transmission network connection and access 444](#_Toc256000604)

[5.2A.1 Application 444](#_Toc256000605)

[5.2A.2 Relevant assets 444](#_Toc256000606)

[5.2A.3 Connection and access to transmission services 445](#_Toc256000607)

[5.2A.4 Transmission services related to connection 446](#_Toc256000608)

[5.2A.5 Publication and provision of information 450](#_Toc256000609)

[5.2A.6 Negotiating principles 450](#_Toc256000610)

[5.2A.7 Third party IUSAs 451](#_Toc256000611)

[5.2A.8 Access framework for large dedicated connection assets 452](#_Toc256000612)

[5.3 Establishing or Modifying Connection 454](#_Toc256000613)

[5.3.1 Process and procedures 454](#_Toc256000614)

[5.3.1A Application of rule to connection of embedded generating units 454](#_Toc256000615)

[5.3.2 Connection enquiry 455](#_Toc256000616)

[5.3.3 Response to connection enquiry 456](#_Toc256000617)

[5.3.4 Application for connection 459](#_Toc256000618)

[5.3.4A Negotiated access standards 461](#_Toc256000619)

[5.3.4B System strength remediation for new connections 464](#_Toc256000620)

[5.3.5 Preparation of offer to connect 467](#_Toc256000621)

[5.3.6 Offer to connect 468](#_Toc256000622)

[5.3.7 Finalisation of connection agreements and network operating agreements 471](#_Toc256000623)

[5.3.8 Provision and use of information 473](#_Toc256000624)

[5.3.9 Procedure to be followed by a Generator proposing to alter a generating system 474](#_Toc256000625)

[5.3.10 Acceptance of performance standards for generating plant that is altered 476](#_Toc256000626)

[5.3.11 Notification of request to change normal voltage 477](#_Toc256000627)

[5.3A Establishing or modifying connection - embedded generation 477](#_Toc256000628)

[5.3A.1 Application of rule 5.3A 477](#_Toc256000629)

[5.3A.2 Definitions and miscellaneous 478](#_Toc256000630)

[5.3A.3 Publication of Information 479](#_Toc256000631)

[5.3A.4 Fees 480](#_Toc256000632)

[5.3A.5 Enquiry 481](#_Toc256000633)

[5.3A.6 Response to Enquiry 482](#_Toc256000634)

[5.3A.7 Preliminary Response to Enquiry 482](#_Toc256000635)

[5.3A.8 Detailed Response to Enquiry 483](#_Toc256000636)

[5.3A.9 Application for connection 484](#_Toc256000637)

[5.3A.10 Preparation of offer to connect 485](#_Toc256000638)

[5.3A.11 Technical Dispute 486](#_Toc256000639)

[5.3A.12 Network support payments and functions 486](#_Toc256000640)

[5.3AA Access arrangements relating to Distribution Networks 486](#_Toc256000641)

[5.3B Application for connection to declared shared network 490](#_Toc256000642)

[5.4 Independent Engineer 490](#_Toc256000643)

[5.4.1 Application 490](#_Toc256000644)

[5.4.2 Establishment of a pool 491](#_Toc256000645)

[5.4.3 Initiating the Independent Engineer process 491](#_Toc256000646)

[5.4.4 Referral to the Adviser 492](#_Toc256000647)

[5.4.5 Proceedings and decisions of the Independent Engineer 493](#_Toc256000648)

[5.4.6 Costs of the Independent Engineer 493](#_Toc256000649)

[5.4A [Deleted] 494](#_Toc256000650)

[5.4AA [Deleted] 494](#_Toc256000651)

[5.5 Commercial arbitration for prescribed and negotiated transmission services and large DCA services 494](#_Toc256000652)

[5.5.1 Application 494](#_Toc256000653)

[5.5.2 Notification of dispute 494](#_Toc256000654)

[5.5.3 Appointment of commercial arbitrator 495](#_Toc256000655)

[5.5.4 Procedures of commercial arbitrator 496](#_Toc256000656)

[5.5.5 Powers of commercial arbitrator in determining disputes 496](#_Toc256000657)

[5.5.6 Determination of disputes 497](#_Toc256000658)

[5.5.7 Costs of dispute 498](#_Toc256000659)

[5.5.8 Enforcement of agreement or determination and requirement for reasons 498](#_Toc256000660)

[5.5.9 Miscellaneous 499](#_Toc256000661)

[5.5A [Deleted] 499](#_Toc256000662)

[Part C Post-Connection Agreement matters 499](#_Toc256000663)

[5.6 Design of Connected Equipment 499](#_Toc256000664)

[5.6.1 Application 499](#_Toc256000665)

[5.6.2 Advice of inconsistencies 499](#_Toc256000666)

[5.6.3 Additional information 500](#_Toc256000667)

[5.6.4 Advice on possible non-compliance 500](#_Toc256000668)

[5.6A [Deleted] 501](#_Toc256000669)

[5.7 Inspection and Testing 501](#_Toc256000670)

[5.7.1 Right of entry and inspection 501](#_Toc256000671)

[5.7.2 Right of testing 503](#_Toc256000672)

[5.7.3 Tests to demonstrate compliance with connection requirements for generators 504](#_Toc256000673)

[5.7.3A Tests to demonstrate compliance with system strength remediation schemes 505](#_Toc256000674)

[5.7.4 Routine testing of protection equipment 507](#_Toc256000675)

[5.7.5 Testing by Registered Participants of their own plant requiring changes to normal operation 508](#_Toc256000676)

[5.7.6 Tests of generating units requiring changes to normal operation 510](#_Toc256000677)

[5.7.7 Inter-network power system tests 511](#_Toc256000678)

[5.7.8 Contestable IUSA components 517](#_Toc256000679)

[5.8 Commissioning 517](#_Toc256000680)

[5.8.1 Requirement to inspect and test equipment 517](#_Toc256000681)

[5.8.2 Co-ordination during commissioning 518](#_Toc256000682)

[5.8.3 Control and protection settings for equipment 518](#_Toc256000683)

[5.8.4 Commissioning program 519](#_Toc256000684)

[5.8.5 Commissioning tests 520](#_Toc256000685)

[5.9 Disconnection and Reconnection 520](#_Toc256000686)

[5.9.1 Voluntary disconnection 520](#_Toc256000687)

[5.9.2 Decommissioning procedures 521](#_Toc256000688)

[5.9.3 Involuntary disconnection 521](#_Toc256000689)

[5.9.4 Direction to disconnect 522](#_Toc256000690)

[5.9.4A Notification of disconnection 522](#_Toc256000691)

[5.9.5 Disconnection during an emergency 523](#_Toc256000692)

[5.9.6 Obligation to reconnect 523](#_Toc256000693)

[Part D Network Planning and Expansion 524](#_Toc256000694)

[5.10 Network development generally 524](#_Toc256000695)

[5.10.1 Content of Part D 524](#_Toc256000696)

[5.10.2 Definitions 525](#_Toc256000697)

[5.10.3 Interpretation 530](#_Toc256000698)

[5.11 Forecasts of connection to transmission network and identification of system limitations 530](#_Toc256000699)

[5.11.1 Forecasts for connection to transmission network 530](#_Toc256000700)

[5.11.2 Identification of network limitations 531](#_Toc256000701)

[5.12 Transmission annual planning process 531](#_Toc256000702)

[5.12.1 Transmission annual planning review 531](#_Toc256000703)

[5.12.2 Transmission Annual Planning Report 532](#_Toc256000704)

[5.13 Distribution annual planning process 536](#_Toc256000705)

[5.13.1 Distribution annual planning review 536](#_Toc256000706)

[5.13.2 Distribution Annual Planning Report 537](#_Toc256000707)

[5.13.3 Distribution system limitation template 538](#_Toc256000708)

[5.13A Distribution zone substation information 539](#_Toc256000709)

[5.14 Joint planning 541](#_Toc256000710)

[5.14.1 Joint planning obligations of Transmission Network Service Providers and Distribution Network Service Providers 541](#_Toc256000711)

[5.14.2 Joint planning obligations of Distribution Network Service Providers and Distribution Network Service Providers 542](#_Toc256000712)

[5.14.3 Joint planning obligations of Transmission Network Service Providers 543](#_Toc256000713)

[5.14.4 Joint planning by Transmission Network Service Providers and AEMO 543](#_Toc256000714)

[5.14A Joint planning in relation to retirement or de-ratings of network assets forming part of the Declared Shared Network 544](#_Toc256000715)

[5.14B TAPR Guidelines 544](#_Toc256000716)

[5.14B.1 Development of TAPR Guidelines 544](#_Toc256000717)

[5.15 Regulatory investment tests generally 544](#_Toc256000718)

[5.15.1 Interested parties 544](#_Toc256000719)

[5.15.2 Identification of a credible option 544](#_Toc256000720)

[5.15.3 Review of costs thresholds 546](#_Toc256000721)

[5.15.4 Costs determinations 548](#_Toc256000722)

[5.15A Regulatory investment test for transmission 548](#_Toc256000723)

[5.15A.1 General principles and application 548](#_Toc256000724)

[5.15A.2 Principles for RIT-T projects which are not actionable ISP projects 549](#_Toc256000725)

[5.15A.3 Principles for actionable ISP projects 551](#_Toc256000726)

[5.16 Application of RIT-T to RIT-T projects which are not actionable ISP projects 553](#_Toc256000727)

[5.16.1 Application 553](#_Toc256000728)

[5.16.2 Regulatory investment test for transmission application guidelines 553](#_Toc256000729)

[5.16.3 Investments subject to the regulatory investment test for transmission 554](#_Toc256000730)

[5.16.4 Regulatory investment test for transmission procedures 557](#_Toc256000731)

[5.16.5 [Deleted] 563](#_Toc256000732)

[5.16.6 [Deleted] 563](#_Toc256000733)

[5.16A Application of the RIT-T to actionable ISP Projects 563](#_Toc256000734)

[5.16A.1 Application 563](#_Toc256000735)

[5.16A.2 Cost Benefit Analysis Guidelines 563](#_Toc256000736)

[5.16A.3 Actionable ISP projects subject to the RIT-T 564](#_Toc256000737)

[5.16A.4 Regulatory investment test for transmission procedures 564](#_Toc256000738)

[5.16A.5 Actionable ISP project trigger event 567](#_Toc256000739)

[5.16B Disputes in relation to application of regulatory investment test for transmission 568](#_Toc256000740)

[5.17 Regulatory investment test for distribution 570](#_Toc256000741)

[5.17.1 Principles 570](#_Toc256000742)

[5.17.2 Regulatory investment test for distribution application guidelines 572](#_Toc256000743)

[5.17.3 Projects subject to the regulatory investment test for distribution 573](#_Toc256000744)

[5.17.4 Regulatory investment test for distribution procedures 575](#_Toc256000745)

[5.17.5 Disputes in relation to application of regulatory investment test for distribution 579](#_Toc256000746)

[5.18 Construction of funded augmentations 581](#_Toc256000747)

[5.18A Large generator connections 582](#_Toc256000748)

[5.18A.1 Definitions 582](#_Toc256000749)

[5.18A.2 Register of large generator connections 582](#_Toc256000750)

[5.18A.3 Impact assessment of large generator connections 583](#_Toc256000751)

[5.18B Completed embedded generation projects 584](#_Toc256000752)

[5.18B.1 Definitions 584](#_Toc256000753)

[5.18B.2 Register of completed embedded generation projects 584](#_Toc256000754)

[5.19 SENE Design and Costing Study 585](#_Toc256000755)

[5.19.1 Definitions 585](#_Toc256000756)

[5.19.2 Interpretation 585](#_Toc256000757)

[5.19.3 Request for SENE Design and Costing Study 586](#_Toc256000758)

[5.19.4 Content of SENE Design and Costing Study 587](#_Toc256000759)

[5.19.5 Co-operation of other Network Service Providers 588](#_Toc256000760)

[5.19.6 Publication of SENE Design and Costing Study report 588](#_Toc256000761)

[5.19.7 Provision and use of information 588](#_Toc256000762)

[5.20 System security reports 589](#_Toc256000763)

[5.20.1 Definitions 589](#_Toc256000764)

[5.20.2 Publication of NSCAS methodology 589](#_Toc256000765)

[5.20.3 Publication of NSCAS Report 590](#_Toc256000766)

[5.20.4 Inertia requirements methodology 590](#_Toc256000767)

[5.20.5 Publication of Inertia Report 591](#_Toc256000768)

[5.20.6 Publication of system strength requirements methodologies 591](#_Toc256000769)

[5.20.7 Publication of System Strength Report 592](#_Toc256000770)

[5.20A Frequency management planning 592](#_Toc256000771)

[5.20A.1 Power system frequency risk review 592](#_Toc256000772)

[5.20A.2 Power system frequency risk review process 593](#_Toc256000773)

[5.20A.3 Power system frequency risk review report 593](#_Toc256000774)

[5.20A.4 Request for protected event declaration 594](#_Toc256000775)

[5.20A.5 Request to revoke a protected event declaration 595](#_Toc256000776)

[5.20B Inertia sub-networks and requirements 595](#_Toc256000777)

[5.20B.1 Boundaries of inertia sub-networks 595](#_Toc256000778)

[5.20B.2 Inertia requirements 596](#_Toc256000779)

[5.20B.3 Inertia shortfalls 596](#_Toc256000780)

[5.20B.4 Inertia Service Provider to make available inertia services 597](#_Toc256000781)

[5.20B.5 Inertia support activities 599](#_Toc256000782)

[5.20B.6 Inertia network services information and approvals 600](#_Toc256000783)

[5.20C System strength requirements 602](#_Toc256000784)

[5.20C.1 System strength requirements 602](#_Toc256000785)

[5.20C.2 Fault level shortfalls 603](#_Toc256000786)

[5.20C.3 System Strength Service Provider to make available system strength services 603](#_Toc256000787)

[5.20C.4 System strength services information and approvals 605](#_Toc256000788)

[5.21 AEMO's obligation to publish information and guidelines and provide advice 607](#_Toc256000789)

[5.22 Integrated System Plan 609](#_Toc256000790)

[5.22.1 Duty of AEMO to make Integrated System Plan 609](#_Toc256000791)

[5.22.2 Purpose of the ISP 609](#_Toc256000792)

[5.22.3 Power system needs 609](#_Toc256000793)

[5.22.4 ISP timetable 609](#_Toc256000794)

[5.22.5 Guidelines relevant to the ISP 610](#_Toc256000795)

[5.22.6 Content of Integrated System Plan 611](#_Toc256000796)

[5.22.7 ISP consumer panel 613](#_Toc256000797)

[5.22.8 Preliminary consultations 613](#_Toc256000798)

[5.22.9 AER transparency review on Inputs, Assumptions and Scenarios Report 614](#_Toc256000799)

[5.22.10 Preparation of ISP 615](#_Toc256000800)

[5.22.11 Draft Integrated System Plan 617](#_Toc256000801)

[5.22.12 Non-network options 618](#_Toc256000802)

[5.22.13 AER transparency review of draft Integrated System Plan 619](#_Toc256000803)

[5.22.14 Final Integrated System Plan 619](#_Toc256000804)

[5.22.15 ISP updates 619](#_Toc256000805)

[5.22.16 ISP database 621](#_Toc256000806)

[5.22.17 Jurisdictional planning bodies and jurisdictional planning representatives 621](#_Toc256000807)

[5.22.18 NTP Functions 621](#_Toc256000808)

[5.23 Disputes in relation to an ISP 622](#_Toc256000809)

[5.23.1 Disputing party 622](#_Toc256000810)

[5.23.2 Initial AER review 622](#_Toc256000811)

[5.23.3 Provision of further information 623](#_Toc256000812)

[5.23.4 AER determination 623](#_Toc256000813)

[Schedule 5.1a System standards 624](#_Toc256000814)

[S5.1a.1 Purpose 624](#_Toc256000815)

[S5.1a.2 Frequency 624](#_Toc256000816)

[S5.1a.3 System stability 624](#_Toc256000817)

[S5.1a.4 Power frequency voltage 625](#_Toc256000818)

[S5.1a.5 Voltage fluctuations 626](#_Toc256000819)

[S5.1a.6 Voltage waveform distortion 626](#_Toc256000820)

[S5.1a.7 Voltage unbalance 627](#_Toc256000821)

[S5.1a.8 Fault clearance times 628](#_Toc256000822)

[Schedule 5.1 Network Performance Requirements to be Provided or Co-ordinated by Network Service Providers 629](#_Toc256000823)

[S5.1.1 Introduction 629](#_Toc256000824)

[S5.1.2 Network reliability 630](#_Toc256000825)

[S5.1.2.1 Credible contingency events 630](#_Toc256000826)

[S5.1.2.2 Network service within a region 631](#_Toc256000827)

[S5.1.2.3 Network service between regions 632](#_Toc256000828)

[S5.1.3 Frequency variations 632](#_Toc256000829)

[S5.1.4 Magnitude of power frequency voltage 632](#_Toc256000830)

[S5.1.5 Voltage fluctuations 633](#_Toc256000831)

[S5.1.6 Voltage harmonic or voltage notching distortion 634](#_Toc256000832)

[S5.1.7 Voltage unbalance 635](#_Toc256000833)

[S5.1.8 Stability 636](#_Toc256000834)

[S5.1.9 Protection systems and fault clearance times 637](#_Toc256000835)

[S5.1.10 Load, generation and network control facilities 640](#_Toc256000836)

[S5.1.10.1 General 640](#_Toc256000837)

[S5.1.10.1a Emergency frequency control schemes 641](#_Toc256000838)

[S5.1.10.2 Distribution Network Service Providers 642](#_Toc256000839)

[S5.1.10.3 Transmission Network Service Providers 642](#_Toc256000840)

[S5.1.11 Automatic reclosure of transmission or distribution lines 643](#_Toc256000841)

[S5.1.12 Rating of transmission lines and equipment 643](#_Toc256000842)

[S5.1.13 Information to be provided 644](#_Toc256000843)

[Schedule 5.2 Conditions for Connection of Generators 644](#_Toc256000844)

[S5.2.1 Outline of requirements 644](#_Toc256000845)

[S5.2.2 Application of Settings 645](#_Toc256000846)

[S5.2.3 Technical matters to be coordinated 645](#_Toc256000847)

[S5.2.4 Provision of information 646](#_Toc256000848)

[S5.2.5 Technical requirements 649](#_Toc256000849)

[S5.2.5.1 Reactive power capability 649](#_Toc256000850)

[S5.2.5.2 Quality of electricity generated 650](#_Toc256000851)

[S5.2.5.3 Generating system response to frequency disturbances 651](#_Toc256000852)

[S5.2.5.4 Generating system response to voltage disturbances 654](#_Toc256000853)

[S5.2.5.5 Generating system response to disturbances following contingency events 656](#_Toc256000854)

[S5.2.5.6 Quality of electricity generated and continuous uninterrupted operation 664](#_Toc256000855)

[S5.2.5.7 Partial load rejection 664](#_Toc256000856)

[S5.2.5.8 Protection of generating systems from power system disturbances 664](#_Toc256000857)

[S5.2.5.9 Protection systems that impact on power system security 666](#_Toc256000858)

[S5.2.5.10 Protection to trip plant for unstable operation 667](#_Toc256000859)

[S5.2.5.11 Frequency control 668](#_Toc256000860)

[S5.2.5.12 Impact on network capability 671](#_Toc256000861)

[S5.2.5.13 Voltage and reactive power control 672](#_Toc256000862)

[S5.2.5.14 Active power control 679](#_Toc256000863)

[S5.2.6 Monitoring and control requirements 681](#_Toc256000864)

[S5.2.6.1 Remote Monitoring 681](#_Toc256000865)

[S5.2.6.2 Communications equipment 683](#_Toc256000866)

[S5.2.7 Power station auxiliary supplies 684](#_Toc256000867)

[S5.2.8 Fault current 684](#_Toc256000868)

[Schedule 5.3 Conditions for Connection of Customers 686](#_Toc256000869)

[S5.3.1a Introduction to the schedule 686](#_Toc256000870)

[S5.3.1 Information 687](#_Toc256000871)

[S5.3.2 Design standards 688](#_Toc256000872)

[S5.3.3 Protection systems and settings 689](#_Toc256000873)

[S5.3.4 Settings of protection and control systems 690](#_Toc256000874)

[S5.3.5 Power factor requirements 691](#_Toc256000875)

[S5.3.6 Balancing of load currents 691](#_Toc256000876)

[S5.3.7 Voltage fluctuations 692](#_Toc256000877)

[S5.3.8 Harmonics and voltage notching 692](#_Toc256000878)

[S5.3.9 Design requirements for Network Users' substations 693](#_Toc256000879)

[S5.3.10 Load shedding facilities 693](#_Toc256000880)

[Schedule 5.3a Conditions for connection of Market Network Services 694](#_Toc256000881)

[S5.3a.1a Introduction to the schedule 694](#_Toc256000882)

[S5.3a.1 Provision of Information 695](#_Toc256000883)

[S5.3a.2 Application of settings 696](#_Toc256000884)

[S5.3a.3 Technical matters to be co-ordinated 697](#_Toc256000885)

[S5.3a.4 Monitoring and control requirements 698](#_Toc256000886)

[S5.3a.4.1 Remote Monitoring 698](#_Toc256000887)

[S5.3a.4.2 [Deleted] 698](#_Toc256000888)

[S5.3a.4.3 Communications equipment 698](#_Toc256000889)

[S5.3a.5 Design standards 699](#_Toc256000890)

[S5.3a.6 Protection systems and settings 699](#_Toc256000891)

[S5.3a.7 [Deleted] 701](#_Toc256000892)

[S5.3a.8 Reactive power capability 701](#_Toc256000893)

[S5.3a.9 Balancing of load currents 701](#_Toc256000894)

[S5.3a.10 Voltage fluctuations 702](#_Toc256000895)

[S5.3a.11 Harmonics and voltage notching 702](#_Toc256000896)

[S5.3a.12 Design requirements for Market Network Service Providers' substations 702](#_Toc256000897)

[S5.3a.13 Market network service response to disturbances in the power system 703](#_Toc256000898)

[S5.3a.14 Protection of market network services from power system disturbances 703](#_Toc256000899)

[Schedule 5.4 Information to be Provided with Preliminary Enquiry 704](#_Toc256000900)

[Schedule 5.4A Preliminary Response 705](#_Toc256000901)

[Schedule 5.4B Detailed Response to Enquiry 707](#_Toc256000902)

[Schedule 5.5 Technical Details to Support Application for Connection and Connection Agreement 709](#_Toc256000903)

[S5.5.1 Introduction to the schedule 709](#_Toc256000904)

[S5.5.2 Categories of data 709](#_Toc256000905)

[S5.5.3 Review, change and supply of data 710](#_Toc256000906)

[S5.5.4 Data Requirements 710](#_Toc256000907)

[S5.5.5 Asynchronous generating unit data 711](#_Toc256000908)

[S5.5.6 Generating units smaller than 30MW data 711](#_Toc256000909)

[S5.5.7 Power System Design Data Sheet, Power System Setting Data Sheet and Power System Model Guidelines 711](#_Toc256000910)

[Schedule 5.5.1 [Deleted] 714](#_Toc256000911)

[Schedule 5.5.2 [Deleted] 714](#_Toc256000912)

[Schedule 5.5.3 Network and plant technical data of equipment at or near connection point 714](#_Toc256000913)

[Schedule 5.5.4 Network Plant and Apparatus Setting Data 717](#_Toc256000914)

[Schedule 5.5.5 Load Characteristics at Connection Point 719](#_Toc256000915)

[Schedule 5.6 Terms and Conditions of Connection agreements and network operating agreements 720](#_Toc256000916)

[Part A Connection agreements 720](#_Toc256000917)

[Part B Network Operating Agreements 721](#_Toc256000918)

[Schedule 5.7 Annual Forecast Information for Planning Purposes 722](#_Toc256000919)

[Schedule 5.8 Distribution Annual Planning Report 724](#_Toc256000920)

[Schedule 5.9 Demand side engagement document (clause 5.13.1(h)) 730](#_Toc256000921)

[Schedule 5.10 Information requirements for Primary Transmission Network Service Providers (clause 5.2A.5) 731](#_Toc256000922)

[Schedule 5.11 Negotiating principles for negotiated transmission services (clause 5.2A.6) 735](#_Toc256000923)

[Schedule 5.12 Negotiating principles for large DCA services 736](#_Toc256000924)

[5A. Electricity connection for retail customers 741](#_Toc256000925)

[Part A Preliminary 741](#_Toc256000926)

[5A.A.1 Definitions 741](#_Toc256000927)

[5A.A.2 Application of this Chapter 744](#_Toc256000928)

[5A.A.3 Small Generation Aggregator deemed to be agent of a retail customer 744](#_Toc256000929)

[Part B Standardised offers to provide basic and standard connection services 745](#_Toc256000930)

[Division 1 Basic connection services 745](#_Toc256000931)

[5A.B.1 Obligation to have model standing offer to provide basic connection services 745](#_Toc256000932)

[5A.B.2 Proposed model standing offer for basic connection services 745](#_Toc256000933)

[5A.B.3 Approval of terms and conditions of model standing offer to provide basic connection services 746](#_Toc256000934)

[Division 2 Standard connection services 747](#_Toc256000935)

[5A.B.4 Standard connection services 747](#_Toc256000936)

[5A.B.5 Approval of model standing offer to provide standard connection services 748](#_Toc256000937)

[Division 3 Miscellaneous 748](#_Toc256000938)

[5A.B.6 Amendment etc of model standing offer 748](#_Toc256000939)

[5A.B.7 Publication of model standing offers 749](#_Toc256000940)

[Part C Negotiated connection 749](#_Toc256000941)

[5A.C.1 Negotiation of connection 749](#_Toc256000942)

[5A.C.2 Process of negotiation 750](#_Toc256000943)

[5A.C.3 Negotiation framework 750](#_Toc256000944)

[5A.C.4 Fee to cover cost of negotiation 752](#_Toc256000945)

[Part D Application for connection service 752](#_Toc256000946)

[Division 1 Information 752](#_Toc256000947)

[5A.D.1 Publication of information 752](#_Toc256000948)

[5A.D.1A Register of completed embedded generation projects 753](#_Toc256000949)

[Division 2 Preliminary enquiry 754](#_Toc256000950)

[5A.D.2 Preliminary enquiry 754](#_Toc256000951)

[Division 3 Applications 755](#_Toc256000952)

[5A.D.3 Application process 755](#_Toc256000953)

[5A.D.4 Site inspection 756](#_Toc256000954)

[Part E Connection charges 756](#_Toc256000955)

[5A.E.1 Connection charge principles 756](#_Toc256000956)

[5A.E.2 Itemised statement of connection charges 758](#_Toc256000957)

[5A.E.3 Connection charge guidelines 758](#_Toc256000958)

[5A.E.4 Payment of connection charges 760](#_Toc256000959)

[Part F Formation and integration of connection contracts 760](#_Toc256000960)

[Division 1 Offer and acceptance – basic and standard connection services 760](#_Toc256000961)

[5A.F.1 Distribution Network Service Provider's response to application 760](#_Toc256000962)

[5A.F.2 Acceptance of connection offer 761](#_Toc256000963)

[5A.F.3 Offer and acceptance—application for expedited connection 761](#_Toc256000964)

[Division 2 Offer and acceptance – negotiated connection 761](#_Toc256000965)

[5A.F.4 Negotiated connection offer 761](#_Toc256000966)

[Division 3 Formation of contract 762](#_Toc256000967)

[5A.F.5 Acceptance of connection offer 762](#_Toc256000968)

[Division 4 Contractual performance 762](#_Toc256000969)

[5A.F.6 Carrying out connection work 762](#_Toc256000970)

[5A.F.7 Retailer required for energisation where new connection 763](#_Toc256000971)

[Part G Dispute resolution between Distribution Network Service Providers and customers 763](#_Toc256000972)

[5A.G.1 Relevant disputes 763](#_Toc256000973)

[5A.G.2 Determination of dispute 763](#_Toc256000974)

[5A.G.3 Termination of proceedings 764](#_Toc256000975)

[SCHEDULE 5A.1 – Minimum content requirements for connection contract 764](#_Toc256000976)

[Part A Connection offer not involving embedded generation 764](#_Toc256000977)

[Part B Connection offer involving embedded generation 765](#_Toc256000978)

[6. Economic Regulation of Distribution Services 769](#_Toc256000979)

[Part A Introduction 769](#_Toc256000980)

[6.1 Introduction to Chapter 6 769](#_Toc256000981)

[6.1.1 AER's regulatory responsibility 769](#_Toc256000982)

[6.1.1A [Deleted] 769](#_Toc256000983)

[6.1.2 Structure of this Chapter 769](#_Toc256000984)

[6.1.3 Access to direct control services and negotiated distribution services 770](#_Toc256000985)

[6.1.4 Prohibition of DUOS charges for the export of energy 770](#_Toc256000986)

[Part B Classification of Distribution Services and Distribution Determinations 770](#_Toc256000987)

[6.2 Classification 770](#_Toc256000988)

[6.2.1 Classification of distribution services 770](#_Toc256000989)

[6.2.2 Classification of direct control services as standard control services or alternative control services 771](#_Toc256000990)

[6.2.3 Term for which classification operates 772](#_Toc256000991)

[6.2.3A Distribution Service Classification Guidelines 772](#_Toc256000992)

[6.2.4 Duty of AER to make distribution determinations 773](#_Toc256000993)

[6.2.5 Control mechanisms for direct control services 773](#_Toc256000994)

[6.2.6 Basis of control mechanisms for direct control services 774](#_Toc256000995)

[6.2.7 Negotiated distribution services 774](#_Toc256000996)

[6.2.8 Guidelines 774](#_Toc256000997)

[Part C Building Block Determinations for standard control services 775](#_Toc256000998)

[6.3 Building block determinations 775](#_Toc256000999)

[6.3.1 Introduction 775](#_Toc256001000)

[6.3.2 Contents of building block determination 775](#_Toc256001001)

[6.4 Post-tax revenue model 776](#_Toc256001002)

[6.4.1 Preparation, publication and amendment of post-tax revenue model 776](#_Toc256001003)

[6.4.2 Contents of post-tax revenue model 776](#_Toc256001004)

[6.4.3 Building block approach 776](#_Toc256001005)

[6.4.4 Shared assets 778](#_Toc256001006)

[6.4.5 Expenditure Forecast Assessment Guidelines 779](#_Toc256001007)

[6.4A Capital expenditure incentive mechanisms 779](#_Toc256001008)

[6.4B Asset exemptions 780](#_Toc256001009)

[6.4B.1 Asset exemption decisions and Asset Exemption Guidelines 780](#_Toc256001010)

[6.4B.2 Exemption applications 781](#_Toc256001011)

[6.5 Matters relevant to the making of building block determinations 781](#_Toc256001012)

[6.5.1 Regulatory asset base 781](#_Toc256001013)

[6.5.2 Return on capital 782](#_Toc256001014)

[6.5.3 Estimated cost of corporate income tax 783](#_Toc256001015)

[6.5.4 [Deleted] 783](#_Toc256001016)

[6.5.5 Depreciation 783](#_Toc256001017)

[6.5.6 Forecast operating expenditure 784](#_Toc256001018)

[6.5.7 Forecast capital expenditure 786](#_Toc256001019)

[6.5.8 Efficiency benefit sharing scheme 790](#_Toc256001020)

[6.5.8A Capital expenditure sharing scheme 791](#_Toc256001021)

[6.5.9 The X factor 792](#_Toc256001022)

[6.5.10 Pass through events 793](#_Toc256001023)

[6.6 Adjustments after making of building block determination. 793](#_Toc256001024)

[6.6.1 Cost pass through 793](#_Toc256001025)

[6.6.1A Reporting on jurisdictional schemes 800](#_Toc256001026)

[6.6.2 Service target performance incentive scheme 801](#_Toc256001027)

[6.6.3 Demand management incentive scheme 802](#_Toc256001028)

[6.6.3A Demand management innovation allowance mechanism 803](#_Toc256001029)

[6.6.4 Small-scale incentive scheme 804](#_Toc256001030)

[6.6.5 Reopening of distribution determination for capital expenditure 805](#_Toc256001031)

[6.6A Contingent Projects 808](#_Toc256001032)

[6.6A.1 Acceptance of a contingent project in a distribution determination 808](#_Toc256001033)

[6.6A.2 Amendment of distribution determination for contingent project 810](#_Toc256001034)

[Part D Negotiated distribution services 815](#_Toc256001035)

[6.7 Negotiated distribution services 815](#_Toc256001036)

[6.7.1 Principles relating to access to negotiated distribution services 815](#_Toc256001037)

[6.7.2 Determination of terms and conditions of access for negotiated distribution services 816](#_Toc256001038)

[6.7.3 Negotiating framework determination 817](#_Toc256001039)

[6.7.4 Negotiated Distribution Service Criteria determination 817](#_Toc256001040)

[6.7.5 Preparation of and requirements for negotiating framework for negotiated distribution services 818](#_Toc256001041)

[6.7.6 Confidential information 820](#_Toc256001042)

[Part DA Connection policies 820](#_Toc256001043)

[6.7A Connection policy requirements 820](#_Toc256001044)

[6.7A.1 Preparation of, and requirements for, connection policy 820](#_Toc256001045)

[Part E Regulatory proposal and proposed tariff structure statement 821](#_Toc256001046)

[6.8 Regulatory proposal and proposed tariff structure statement 821](#_Toc256001047)

[6.8.1 AER's framework and approach paper 821](#_Toc256001048)

[6.8.1A Notification of approach to forecasting expenditure 823](#_Toc256001049)

[6.8.2 Submission of regulatory proposal, tariff structure statement and exemption application 824](#_Toc256001050)

[6.9 Preliminary examination and consultation 826](#_Toc256001051)

[6.9.1 Preliminary examination 826](#_Toc256001052)

[6.9.2 Resubmission of proposal 826](#_Toc256001053)

[6.9.2A Confidential information 826](#_Toc256001054)

[6.9.3 Consultation 827](#_Toc256001055)

[6.10 Draft distribution determination and further consultation 828](#_Toc256001056)

[6.10.1 Making of draft distribution determination 828](#_Toc256001057)

[6.10.2 Publication of draft determination and consultation 828](#_Toc256001058)

[6.10.3 Submission of revised proposal 829](#_Toc256001059)

[6.10.4 Submissions on specified matters 829](#_Toc256001060)

[6.11 Distribution determination 830](#_Toc256001061)

[6.11.1 Making of distribution determination 830](#_Toc256001062)

[6.11.1A Out of scope revised regulatory proposal or late submissions 830](#_Toc256001063)

[6.11.2 Notice of distribution determination 831](#_Toc256001064)

[6.11.3 Commencement of distribution determination 831](#_Toc256001065)

[6.12 Requirements relating to draft and final distribution determinations 831](#_Toc256001066)

[6.12.1 Constituent decisions 831](#_Toc256001067)

[6.12.2 Reasons for decisions 835](#_Toc256001068)

[6.12.3 Extent of AER's discretion in making distribution determinations 835](#_Toc256001069)

[6.13 Revocation and substitution of distribution determination for wrong information or error 837](#_Toc256001070)

[6.14 Miscellaneous 837](#_Toc256001071)

[6.14A Distribution Confidentiality Guidelines 838](#_Toc256001072)

[Part F Cost Allocation 838](#_Toc256001073)

[6.15 Cost allocation 838](#_Toc256001074)

[6.15.1 Duty to comply with Cost Allocation Method 838](#_Toc256001075)

[6.15.2 Cost Allocation Principles 838](#_Toc256001076)

[6.15.3 Cost Allocation Guidelines 839](#_Toc256001077)

[6.15.4 Cost Allocation Method 840](#_Toc256001078)

[Part G Distribution consultation procedures 841](#_Toc256001079)

[6.16 Distribution consultation procedures 841](#_Toc256001080)

[Part H Ring-Fencing Arrangements for Distribution Network Service Providers 842](#_Toc256001081)

[6.17 Distribution Ring-Fencing Guidelines 842](#_Toc256001082)

[6.17.1 Compliance with Distribution Ring-Fencing Guidelines 842](#_Toc256001083)

[6.17.2 Development of Distribution Ring-Fencing Guidelines 842](#_Toc256001084)

[Part I Distribution Pricing Rules 843](#_Toc256001085)

[6.18 Distribution Pricing Rules 843](#_Toc256001086)

[6.18.1 Application of this Part 843](#_Toc256001087)

[6.18.1A Tariff structure statement 843](#_Toc256001088)

[6.18.1B Amending a tariff structure statement with the AER's approval 844](#_Toc256001089)

[6.18.1C Sub-threshold tariffs 846](#_Toc256001090)

[6.18.2 Pricing proposals 846](#_Toc256001091)

[6.18.3 Tariff classes 848](#_Toc256001092)

[6.18.4 Principles governing assignment or re-assignment of retail customers to tariff classes and assessment and review of basis of charging 848](#_Toc256001093)

[6.18.5 Pricing principles 849](#_Toc256001094)

[6.18.6 Side constraints on tariffs for standard control services 851](#_Toc256001095)

[6.18.7 Recovery of designated pricing proposal charges 851](#_Toc256001096)

[6.18.7A Recovery of jurisdictional scheme amounts 852](#_Toc256001097)

[6.18.8 Approval of pricing proposal 855](#_Toc256001098)

[6.18.9 Publication of information about tariffs and tariff classes 856](#_Toc256001099)

[6.19. Data Required for Distribution Service Pricing 857](#_Toc256001100)

[6.19.1 Forecast use of networks by Distribution Customers and Embedded Generators 857](#_Toc256001101)

[6.19.2 Confidentiality of distribution network pricing information 857](#_Toc256001102)

[Part J Billing and Settlements 857](#_Toc256001103)

[6.20 Billing and Settlements Process 857](#_Toc256001104)

[6.20.1 Billing for distribution services 857](#_Toc256001105)

[6.20.2 Minimum information to be provided in distribution network service bills 859](#_Toc256001106)

[6.20.3 Settlement between Distribution Network Service Providers 859](#_Toc256001107)

[6.20.4 Obligation to pay 860](#_Toc256001108)

[Part K Prudential requirements, capital contributions and prepayments 860](#_Toc256001109)

[6.21 Distribution Network Service Provider Prudential Requirements 860](#_Toc256001110)

[6.21.1 Prudential requirements for distribution network service 860](#_Toc256001111)

[6.21.2 Capital contributions, prepayments and financial guarantees 861](#_Toc256001112)

[6.21.3 Treatment of past prepayments and capital contributions 861](#_Toc256001113)

[Part L Dispute resolution 861](#_Toc256001114)

[6.22 Dispute Resolution 861](#_Toc256001115)

[6.22.1 Dispute Resolution by the AER 861](#_Toc256001116)

[6.22.2 Determination of dispute 862](#_Toc256001117)

[6.22.3 Termination of access dispute without access determination 863](#_Toc256001118)

[Part M Separate disclosure of transmission and distribution charges 863](#_Toc256001119)

[6.23 Separate disclosure of transmission and distribution charges 863](#_Toc256001120)

[Part N Dual Function Assets 864](#_Toc256001121)

[6.24 Dual Function Assets 864](#_Toc256001122)

[6.24.1 Application of this Part 864](#_Toc256001123)

[6.24.2 Dual Function Assets 864](#_Toc256001124)

[6.25 AER determination of applicable pricing regime for Dual Function Assets 865](#_Toc256001125)

[6.26 Division of Distribution Network Service Provider's revenue 866](#_Toc256001126)

[Part O Annual Benchmarking Report 867](#_Toc256001127)

[6.27 Annual Benchmarking Report 867](#_Toc256001128)

[Part P Distribution Reliability Measures Guidelines 867](#_Toc256001129)

[6.28 Distribution Reliability Measures Guidelines 867](#_Toc256001130)

[Schedule 6.1 Contents of building block proposals 868](#_Toc256001131)

[S6.1.1 Information and matters relating to capital expenditure 868](#_Toc256001132)

[S6.1.2 Information and matters relating to operating expenditure 869](#_Toc256001133)

[S6.1.3 Additional information and matters 869](#_Toc256001134)

[Schedule 6.2 Regulatory Asset Base 872](#_Toc256001135)

[S6.2.1 Establishment of opening regulatory asset base for a regulatory control period 872](#_Toc256001136)

[S6.2.2 Prudency and efficiency of capital expenditure 876](#_Toc256001137)

[S6.2.2A Reduction for inefficient past capital expenditure 877](#_Toc256001138)

[S6.2.2B Depreciation 879](#_Toc256001139)

[S6.2.3 Roll forward of regulatory asset base within the same regulatory control period 879](#_Toc256001140)

[6A. Economic Regulation of Transmission Services 883](#_Toc256001141)

[Part A Introduction 883](#_Toc256001142)

[6A.1 Introduction to Chapter 6A 883](#_Toc256001143)

[6A.1.1 Economic regulation of transmission services generally 883](#_Toc256001144)

[6A.1.2 [Deleted] 884](#_Toc256001145)

[6A.1.3 [Deleted] 884](#_Toc256001146)

[6A.1.4 National regulatory arrangements 884](#_Toc256001147)

[6A.1.5 Application of Chapter 6A to Market Network Service Providers 884](#_Toc256001148)

[6A.1.6 Application of Chapter 6A to AEMO and declared transmission system operators 884](#_Toc256001149)

[Part B Transmission Determinations Generally 885](#_Toc256001150)

[6A.2 Transmission determinations 885](#_Toc256001151)

[6A.2.1 Duty of AER to make transmission determinations 885](#_Toc256001152)

[6A.2.2 Components of transmission determinations 885](#_Toc256001153)

[6A.2.3 Guidelines 885](#_Toc256001154)

[Part C Regulation of Revenue - Prescribed Transmission Services 886](#_Toc256001155)

[6A.3 Allowed revenue from prescribed transmission services 886](#_Toc256001156)

[6A.3.1 Allowed revenue for regulatory year 886](#_Toc256001157)

[6A.3.2 Adjustment of maximum allowed revenue 886](#_Toc256001158)

[6A.4 Revenue determinations 886](#_Toc256001159)

[6A.4.1 Introduction 886](#_Toc256001160)

[6A.4.2 Contents of revenue determination 886](#_Toc256001161)

[6A.5 Post-tax revenue model 887](#_Toc256001162)

[6A.5.1 Introduction 887](#_Toc256001163)

[6A.5.2 Preparation, publication and amendment of post-tax revenue model 888](#_Toc256001164)

[6A.5.3 Contents of post-tax revenue model 888](#_Toc256001165)

[6A.5.4 Building blocks approach 889](#_Toc256001166)

[6A.5.5 Shared assets 890](#_Toc256001167)

[6A.5.6 Expenditure Forecast Assessment Guidelines 891](#_Toc256001168)

[6A.5A Capital expenditure incentive mechanisms 891](#_Toc256001169)

[6A.6 Matters relevant to the making of revenue determinations 892](#_Toc256001170)

[6A.6.1 Regulatory asset base 892](#_Toc256001171)

[6A.6.2 Return on capital 893](#_Toc256001172)

[6A.6.3 Depreciation 893](#_Toc256001173)

[6A.6.4 Estimated cost of corporate income tax 894](#_Toc256001174)

[6A.6.5 Efficiency benefit sharing scheme 895](#_Toc256001175)

[6A.6.5A Capital expenditure sharing scheme 896](#_Toc256001176)

[6A.6.6 Forecast operating expenditure 897](#_Toc256001177)

[6A.6.7 Forecast capital expenditure 899](#_Toc256001178)

[6A.6.8 The X factor 903](#_Toc256001179)

[6A.6.9 Pass through events 904](#_Toc256001180)

[6A.7 Matters relevant to the adjustment of revenue cap after making of revenue determination 904](#_Toc256001181)

[6A.7.1 Reopening of revenue determination for capital expenditure 904](#_Toc256001182)

[6A.7.2 Network support pass through 907](#_Toc256001183)

[6A.7.3 Cost pass through 908](#_Toc256001184)

[6A.7.4 Service target performance incentive scheme 914](#_Toc256001185)

[6A.7.5 Small-scale incentive scheme 915](#_Toc256001186)

[6A.7.6 Demand management innovation allowance mechanism 916](#_Toc256001187)

[6A.8 Contingent Projects 917](#_Toc256001188)

[6A.8.A1 Eligibility for consideration as a contingent project 917](#_Toc256001189)

[6A.8.1 Acceptance of a Contingent Project in a revenue determination 918](#_Toc256001190)

[6A.8.2 Amendment of revenue determination for contingent project 919](#_Toc256001191)

[Part D [Deleted] 924](#_Toc256001192)

[Part E Procedure - Revenue determinations and pricing methodologies 924](#_Toc256001193)

[6A.10 Revenue Proposal and proposed pricing methodology 924](#_Toc256001194)

[6A.10.1A AER's framework and approach paper 924](#_Toc256001195)

[6A.10.1B Notification of approach to forecasting expenditure 926](#_Toc256001196)

[6A.10.1 Submission of proposal, pricing methodology and information 926](#_Toc256001197)

[6A.10.2 [Deleted] 927](#_Toc256001198)

[6A.11 Preliminary examination and consultation 927](#_Toc256001199)

[6A.11.1 Preliminary examination and determination of non-compliance with relevant requirements 927](#_Toc256001200)

[6A.11.2 Resubmission of proposal, framework, pricing methodology or information 928](#_Toc256001201)

[6A.11.2A Confidential information 928](#_Toc256001202)

[6A.11.3 Consultation 929](#_Toc256001203)

[6A.12 Draft decision and further consultation 929](#_Toc256001204)

[6A.12.1 Making of draft decision 929](#_Toc256001205)

[6A.12.2 Publication of draft decision and consultation 930](#_Toc256001206)

[6A.12.3 Submission of revised proposal or pricing methodology 930](#_Toc256001207)

[6A.12.4 Submissions on specified matters 932](#_Toc256001208)

[6A.13 Final decision 932](#_Toc256001209)

[6A.13.1 Making of final decision 932](#_Toc256001210)

[6A.13.2 Refusal to approve amounts, values, framework or pricing methodology 932](#_Toc256001211)

[6A.13.2A Out of scope revised documents or late submissions 933](#_Toc256001212)

[6A.13.3 Notice of final decision 934](#_Toc256001213)

[6A.13.4 Making of transmission determination 934](#_Toc256001214)

[6A.14 Requirements relating to draft and final decisions 934](#_Toc256001215)

[6A.14.1 Contents of decisions 934](#_Toc256001216)

[6A.14.2 Reasons for decisions 936](#_Toc256001217)

[6A.14.3 Circumstances in which matters must be approved or accepted 936](#_Toc256001218)

[6A.15 Revocation of revenue determination or amendment of pricing methodology for wrong information or error 939](#_Toc256001219)

[6A.16 Miscellaneous 939](#_Toc256001220)

[6A.16A Transmission Confidentiality Guidelines 940](#_Toc256001221)

[Part F Information Disclosure 940](#_Toc256001222)

[6A.17 Information disclosure by Transmission Network Service Providers 940](#_Toc256001223)

[6A.17.1 Information to be provided to AER 940](#_Toc256001224)

[6A.17.2 Information Guidelines 941](#_Toc256001225)

[6A.18 [Deleted] 943](#_Toc256001226)

[Part G Cost Allocation 943](#_Toc256001227)

[6A.19 Cost allocation 943](#_Toc256001228)

[6A.19.1 Duty to comply with Cost Allocation Methodology 943](#_Toc256001229)

[6A.19.2 Cost Allocation Principles 943](#_Toc256001230)

[6A.19.3 Cost Allocation Guidelines 944](#_Toc256001231)

[6A.19.4 Cost Allocation Methodology 944](#_Toc256001232)

[Part H Transmission Consultation Procedures 945](#_Toc256001233)

[6A.20 Transmission consultation procedures 945](#_Toc256001234)

[Part I Ring-Fencing Arrangements for Transmission Network Service Providers 947](#_Toc256001235)

[6A.21 Transmission Ring-Fencing Guidelines 947](#_Toc256001236)

[6A.21.1 Compliance with Transmission Ring-Fencing Guidelines 947](#_Toc256001237)

[6A.21.2 Development of Transmission Ring-Fencing Guidelines 947](#_Toc256001238)

[Part J Prescribed Transmission Services - Regulation of Pricing 948](#_Toc256001239)

[6A.22 Terms used in Part J 948](#_Toc256001240)

[6A.22.1 Aggregate annual revenue requirement (AARR) 948](#_Toc256001241)

[6A.22.2 Annual service revenue requirement (ASRR) 949](#_Toc256001242)

[6A.22.3 Meaning of attributable cost share 949](#_Toc256001243)

[6A.22.4 Meaning of attributable connection point cost share 949](#_Toc256001244)

[6A.23 Pricing Principles for Prescribed Transmission Services 949](#_Toc256001245)

[6A.23.1 Introduction 949](#_Toc256001246)

[6A.23.2 Principles for the allocation of the aggregate annual revenue requirement 950](#_Toc256001247)

[6A.23.3 Principles for the allocation of the annual service revenue requirement to connection points 950](#_Toc256001248)

[6A.23.4 Principles for the recovery of the Annual Service Revenue Requirement as prices 953](#_Toc256001249)

[6A.24 Pricing methodology 954](#_Toc256001250)

[6A.24.1 Pricing methodologies generally 954](#_Toc256001251)

[6A.24.2 Publication of pricing methodology and transmission network prices 956](#_Toc256001252)

[6A.24.3 Basis for setting prices pending approval of pricing methodology 956](#_Toc256001253)

[6A.24.4 Basis for setting prices pending approval of maximum allowed revenue 957](#_Toc256001254)

[6A.25 Pricing methodology guidelines for prescribed transmission services 958](#_Toc256001255)

[6A.25.1 Making and amending of pricing methodology guidelines 958](#_Toc256001256)

[6A.25.2 Contents of pricing methodology guidelines 958](#_Toc256001257)

[6A.26 Prudent discounts 959](#_Toc256001258)

[6A.26.1 Agreements for prudent discounts for prescribed transmission services 959](#_Toc256001259)

[6A.26.2 Application to AER for approval of proposed prudent discount amounts 960](#_Toc256001260)

[6A.27 Billing Process 962](#_Toc256001261)

[6A.27.1 Billing for prescribed transmission services 962](#_Toc256001262)

[6A.27.1A Billing of modified load export charges 962](#_Toc256001263)

[6A.27.2 Minimum information to be provided in network service bills 962](#_Toc256001264)

[6A.27.3 Obligation to pay charges for prescribed transmission services 963](#_Toc256001265)

[6A.27.4 Payments between Transmission Network Service Providers in the same region 963](#_Toc256001266)

[6A.27.5 Calculation of financial transfers between Transmission Network Service Providers in the same region 963](#_Toc256001267)

[6A.28 Prudential Requirements 964](#_Toc256001268)

[6A.28.1 Prudential Requirements for prescribed transmission services 964](#_Toc256001269)

[6A.28.2 Capital contribution or prepayment for a specific asset 964](#_Toc256001270)

[6A.28.3 Treatment of past capital contributions 964](#_Toc256001271)

[6A.29 Multiple Transmission Network Service Providers 964](#_Toc256001272)

[6A.29.1 Multiple Transmission Network Service Providers within a region 964](#_Toc256001273)

[6A.29.2 Single Transmission Network Service Provider within a region 965](#_Toc256001274)

[6A.29.3 Allocation over several regions 965](#_Toc256001275)

[6A.29A Modified load export charges 966](#_Toc256001276)

[6A.29A.1 Single Transmission Network Service Provider in a Region 966](#_Toc256001277)

[6A.29A.2 Calculation of the modified load export charges 966](#_Toc256001278)

[6A.29A.3 Calculation of adjustments to the modified load export charge 966](#_Toc256001279)

[6A.29A.4 Billing the modified load export charge 967](#_Toc256001280)

[6A.29A.5 Allocation and billing process where multiple Transmission Network Service Providers in a Region 967](#_Toc256001281)

[Part K Commercial arbitration for disputes about terms and conditions of access for prescribed and negotiated transmission services 968](#_Toc256001282)

[[Deleted] 968](#_Toc256001283)

[Part L Annual Benchmarking Report 968](#_Toc256001284)

[6A.31 Annual Benchmarking Report 968](#_Toc256001285)

[Schedule 6A.1 Contents of Revenue Proposals 968](#_Toc256001286)

[S6A.1.1 Information and matters relating to capital expenditure 968](#_Toc256001287)

[S6A.1.2 Information and matters relating to operating expenditure 969](#_Toc256001288)

[S6A.1.3 Additional information and matters 970](#_Toc256001289)

[Schedule 6A.2 Regulatory Asset Base 972](#_Toc256001290)

[S6A.2.1 Establishment of opening regulatory asset base for a regulatory control period 972](#_Toc256001291)

[S6A.2.2 Prudency and efficiency of capital expenditure 977](#_Toc256001292)

[S6A.2.2A Reduction for inefficient past capital expenditure 977](#_Toc256001293)

[S6A.2.2B Depreciation 979](#_Toc256001294)

[S6A.2.3 Removal of assets from regulatory asset base 980](#_Toc256001295)

[S6A.2.4 Roll forward of regulatory asset base within the same regulatory control period 981](#_Toc256001296)

[Schedule 6A.3 CRNP methodology and modified CRNP methodology 982](#_Toc256001297)

[S6A.3.1 Meaning of optimised replacement cost 982](#_Toc256001298)

[S6A.3.2 CRNP methodology 982](#_Toc256001299)

[S6A.3.3 Modified CRNP methodology 983](#_Toc256001300)

[Schedule 6A.4 Application of this Chapter to AEMO and declared transmission system operators 983](#_Toc256001301)

[S6A.4.1 Application of this Chapter to AEMO etc 983](#_Toc256001302)

[S6A.4.2 Exclusions, qualifications and modifications 984](#_Toc256001303)

[6B. Retail markets 993](#_Toc256001304)

[Part A Retail support 993](#_Toc256001305)

[Division 1 Application and definitions 993](#_Toc256001306)

[6B.A1.1 Application of this Part 993](#_Toc256001307)

[6B.A1.2 Definitions 993](#_Toc256001308)

[Division 2 Billing and payment rules 993](#_Toc256001309)

[6B.A2.1 Obligation to pay 993](#_Toc256001310)

[6B.A2.2 Direct customer billing and energy-only contracts 994](#_Toc256001311)

[6B.A2.3 Calculating network charges 994](#_Toc256001312)

[6B.A2.4 Statement of charges 994](#_Toc256001313)

[6B.A2.5 Time and manner of payment 995](#_Toc256001314)

[Division 3 Matters incidental to billing and payment 995](#_Toc256001315)

[6B.A3.1 Adjustment of network charges 995](#_Toc256001316)

[6B.A3.2 Tariff reassignment 995](#_Toc256001317)

[6B.A3.3 Disputed statements of charges 996](#_Toc256001318)

[6B.A3.4 Interest 997](#_Toc256001319)

[6B.A3.5 Notification of changes to charges 997](#_Toc256001320)

[Part B Credit support required for late payment 998](#_Toc256001321)

[Division 1 Application and definitions 998](#_Toc256001322)

[6B.B1.1 Application of Part B 998](#_Toc256001323)

[6B.B1.2 Definitions 998](#_Toc256001324)

[Division 2 Requirements for credit support 998](#_Toc256001325)

[6B.B2.1 Distribution Network Service Provider may require credit support in limited circumstances 998](#_Toc256001326)

[Division 3 Provision of credit support by retailers 999](#_Toc256001327)

[6B.B3.1 Retailer to provide credit support 999](#_Toc256001328)

[6B.B3.2 Acceptable form of credit support 999](#_Toc256001329)

[Division 4 Other Rules relating to credit support 1000](#_Toc256001330)

[6B.B4.1 Application of credit support 1000](#_Toc256001331)

[6B.B4.2 Return of credit support 1000](#_Toc256001332)

[6B.B4.3 Other retailer obligations 1000](#_Toc256001333)

[Schedule 6B.1 Prescribed form of unconditional undertaking for credit support 1000](#_Toc256001334)

[7. Metering 1005](#_Toc256001335)

[Part A Introduction 1005](#_Toc256001336)

[7.1 Introduction to the Metering Chapter 1005](#_Toc256001337)

[7.1.1 Contents 1005](#_Toc256001338)

[Part B Roles and Responsibilities 1005](#_Toc256001339)

[7.2 Role and Responsibility of financially responsible Market Participant 1005](#_Toc256001340)

[7.2.1 Obligations of financially responsible Market Participants to establish metering installations 1005](#_Toc256001341)

[7.2.2 [Not used] 1006](#_Toc256001342)

[7.2.3 Agreements with Local Network Service Provider 1006](#_Toc256001343)

[7.2.4 [Not used] 1006](#_Toc256001344)

[7.2.5 Agreements with Metering Provider 1006](#_Toc256001345)

[7.3 Role and Responsibility of Metering Coordinator 1006](#_Toc256001346)

[7.3.1 Responsibility of the Metering Coordinator 1006](#_Toc256001347)

[7.3.2 Role of the Metering Coordinator 1007](#_Toc256001348)

[7.4 Qualification and Registration of Metering Providers, Metering Data Providers and Embedded Network Managers 1010](#_Toc256001349)

[7.4.1 Qualifications and registration of Metering Providers 1010](#_Toc256001350)

[7.4.2 Qualifications and registration of Metering Data Providers 1011](#_Toc256001351)

[7.4.2A Qualifications and registration of Embedded Network Managers 1011](#_Toc256001352)

[7.4.2B List of Embedded Network Managers 1012](#_Toc256001353)

[7.4.3 Nature of appointment of Metering Provider or Metering Data Provider 1012](#_Toc256001354)

[7.4.4 Deregistration of Metering Providers, Metering Data Providers and Embedded Network Managers 1012](#_Toc256001355)

[7.5 Role and Responsibility of AEMO 1014](#_Toc256001356)

[7.5.1 Responsibility of AEMO for the collection, processing and delivery of metering data 1014](#_Toc256001357)

[7.5.2 AEMO's costs in connection with metering installation 1015](#_Toc256001358)

[7.5A Role and Responsibility of Embedded Network Managers 1015](#_Toc256001359)

[7.5A.1 Responsibility of Embedded Network Managers for management services 1015](#_Toc256001360)

[7.5A.2 EN information 1015](#_Toc256001361)

[Part C Appointment of Metering Coordinator 1016](#_Toc256001362)

[7.6 Appointment of Metering Coordinator 1016](#_Toc256001363)

[7.6.1 Commercial nature of the Metering Coordinator appointment and service provision 1016](#_Toc256001364)

[7.6.2 Persons who may appoint Metering Coordinators 1016](#_Toc256001365)

[7.6.3 Appointment with respect to transmission network connection 1017](#_Toc256001366)

[7.6.4 Type 7 metering installations 1017](#_Toc256001367)

[7.7 Metering Coordinator default arrangements 1018](#_Toc256001368)

[7.7.1 Obligations of financially responsible Market Participants on Metering Coordinator default event and end of contract term 1018](#_Toc256001369)

[7.7.2 Notices to be provided by Metering Coordinator 1019](#_Toc256001370)

[7.7.3 AEMO may issue breach notice 1019](#_Toc256001371)

[Part D Metering installation 1020](#_Toc256001372)

[7.8 Metering installation arrangements 1020](#_Toc256001373)

[7.8.1 Metering installation requirements 1020](#_Toc256001374)

[7.8.2 Metering installation components 1021](#_Toc256001375)

[7.8.3 Small customer metering installations 1025](#_Toc256001376)

[7.8.4 Type 4A metering installation 1025](#_Toc256001377)

[7.8.5 Emergency management 1028](#_Toc256001378)

[7.8.6 Network devices 1028](#_Toc256001379)

[7.8.7 Metering point 1031](#_Toc256001380)

[7.8.8 Metering installation types and accuracy 1031](#_Toc256001381)

[7.8.9 Meter churn 1032](#_Toc256001382)

[7.8.10 Metering installation malfunctions 1032](#_Toc256001383)

[7.8.10A Timeframes for meters to be installed – new connection 1034](#_Toc256001384)

[7.8.10B Timeframes for meters to be installed – where a connection service is not required 1035](#_Toc256001385)

[7.8.10C Timeframes for meters to be installed – where a connection alteration is required 1036](#_Toc256001386)

[7.8.11 Changes to metering equipment, parameters and settings within a metering installation 1038](#_Toc256001387)

[7.8.12 Special site or technology related conditions 1038](#_Toc256001388)

[7.8.13 Joint metering installations 1039](#_Toc256001389)

[7.9 Inspection, Testing and Audit of Metering installations 1040](#_Toc256001390)

[7.9.1 Responsibility for testing 1040](#_Toc256001391)

[7.9.2 Actions in event of non-compliance 1042](#_Toc256001392)

[7.9.3 Audits of information held in metering installations 1042](#_Toc256001393)

[7.9.4 Errors found in metering tests, inspections or audits 1043](#_Toc256001394)

[7.9.5 Retention of test records and documents 1044](#_Toc256001395)

[7.9.6 Metering installation registration process 1045](#_Toc256001396)

[Part E Metering Data 1045](#_Toc256001397)

[7.10 Metering Data Services 1045](#_Toc256001398)

[7.10.1 Metering Data Services 1045](#_Toc256001399)

[7.10.2 Data management and storage 1046](#_Toc256001400)

[7.10.3 Provision of metering data to certain persons 1047](#_Toc256001401)

[7.10.4 Use of check metering data 1047](#_Toc256001402)

[7.10.5 Periodic energy metering 1048](#_Toc256001403)

[7.10.6 Time settings 1048](#_Toc256001404)

[7.10.7 Metering data performance standards 1049](#_Toc256001405)

[7.11 Metering data and database 1050](#_Toc256001406)

[7.11.1 Metering database 1050](#_Toc256001407)

[7.11.2 Data validation, substitution and estimation 1051](#_Toc256001408)

[7.11.3 Changes to energy data or to metering data 1052](#_Toc256001409)

[7.12 Register of Metering Information 1052](#_Toc256001410)

[7.12.1 Metering register 1052](#_Toc256001411)

[7.12.2 Metering register discrepancy 1052](#_Toc256001412)

[7.13 Disclosure of NMI information 1053](#_Toc256001413)

[7.13.1 Application of this Rule 1053](#_Toc256001414)

[7.13.2 NMI and NMI checksum 1053](#_Toc256001415)

[7.13.3 NMI Standing Data 1053](#_Toc256001416)

[7.14 Metering data provision to retail customers 1053](#_Toc256001417)

[Part F Security of metering installation and energy data 1054](#_Toc256001418)

[7.15 Security of metering installation and energy data 1054](#_Toc256001419)

[7.15.1 Confidentiality 1054](#_Toc256001420)

[7.15.2 Security of metering installations 1055](#_Toc256001421)

[7.15.3 Security controls for energy data 1055](#_Toc256001422)

[7.15.4 Additional security controls for small customer metering installations 1057](#_Toc256001423)

[7.15.5 Access to data 1058](#_Toc256001424)

[Part G Procedures 1059](#_Toc256001425)

[7.16 Procedures 1059](#_Toc256001426)

[7.16.1 Obligation to establish, maintain and publish procedures 1059](#_Toc256001427)

[7.16.2 Market Settlement and Transfer Solution Procedures 1060](#_Toc256001428)

[7.16.3 Requirements of the metrology procedure 1060](#_Toc256001429)

[7.16.4 Jurisdictional metrology material in metrology procedure 1062](#_Toc256001430)

[7.16.5 Additional metrology procedure matters 1063](#_Toc256001431)

[7.16.6 Requirements of the service level procedures 1064](#_Toc256001432)

[7.16.6A Requirements of the ENM service level procedures 1065](#_Toc256001433)

[7.16.6B Guide to embedded networks 1066](#_Toc256001434)

[7.16.7 Amendment of procedures in the Metering Chapter 1066](#_Toc256001435)

[7.16.8 National Measurement Act 1067](#_Toc256001436)

[Part H B2B Requirements 1068](#_Toc256001437)

[7.17 B2B Arrangements 1068](#_Toc256001438)

[7.17.1 B2B e-Hub 1068](#_Toc256001439)

[7.17.2 B2B e-Hub Participants 1068](#_Toc256001440)

[7.17.3 Content of the B2B Procedures 1069](#_Toc256001441)

[7.17.4 Changing B2B Procedures 1070](#_Toc256001442)

[7.17.5 B2B Decision 1072](#_Toc256001443)

[7.17.6 Establishment of Information Exchange Committee 1073](#_Toc256001444)

[7.17.7 Functions and powers of Information Exchange Committee 1074](#_Toc256001445)

[7.17.8 Obligations of Members 1075](#_Toc256001446)

[7.17.9 Meetings of Information Exchange Committee 1076](#_Toc256001447)

[7.17.10 Nomination, election and appointment of Members 1076](#_Toc256001448)

[7.17.11 Qualifications of Members 1077](#_Toc256001449)

[7.17.12 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1078](#_Toc256001450)

[7.17.13 Cost Recovery 1079](#_Toc256001451)

[Schedule 7.1 Metering register 1079](#_Toc256001452)

[S7.1.1 General 1079](#_Toc256001453)

[S7.1.2 Metering register information 1079](#_Toc256001454)

[Schedule 7.2 Metering Provider 1080](#_Toc256001455)

[S7.2.1 General 1080](#_Toc256001456)

[S7.2.2 Categories of registration 1081](#_Toc256001457)

[S7.2.3 Capabilities of Metering Providers for metering installations types 1, 2, 3, 4 and 4A 1082](#_Toc256001458)

[S7.2.4 Capabilities of Metering Providers for metering installations types 5 and 6 1084](#_Toc256001459)

[S7.2.5 Capabilities of Metering Providers for small customer metering installations 1085](#_Toc256001460)

[S7.2.6 Capabilities of the Accredited Service Provider category 1085](#_Toc256001461)

[Schedule 7.3 Metering Data Provider 1085](#_Toc256001462)

[S7.3.1 General 1085](#_Toc256001463)

[S7.3.2 Categories of registration 1085](#_Toc256001464)

[S7.3.3 Capabilities of Metering Data Providers 1086](#_Toc256001465)

[S7.3.4 Capabilities of Metering Data Providers for small customer metering installations 1088](#_Toc256001466)

[Schedule 7.4 Types and Accuracy of Metering installations 1088](#_Toc256001467)

[S7.4.1 General requirements 1088](#_Toc256001468)

[S7.4.2 Metering installations commissioned prior to 13 December 1998 1088](#_Toc256001469)

[S7.4.3 Accuracy requirements for metering installations 1089](#_Toc256001470)

[S7.4.4 Check metering 1094](#_Toc256001471)

[S7.4.5 Resolution and accuracy of displayed or captured data 1095](#_Toc256001472)

[S7.4.6 General design standards 1095](#_Toc256001473)

[S7.4.6.1 Design requirements 1095](#_Toc256001474)

[S7.4.6.2 Design guidelines 1096](#_Toc256001475)

[Schedule 7.5 Requirements of minimum services specification 1097](#_Toc256001476)

[S7.5.1 Minimum services specification 1097](#_Toc256001477)

[Schedule 7.6 Inspection and Testing Requirements 1100](#_Toc256001478)

[S7.6.1 General 1100](#_Toc256001479)

[S7.6.2 Technical Guidelines 1102](#_Toc256001480)

[Schedule 7.7 Embedded Network Managers 1103](#_Toc256001481)

[S7.7.1 General 1103](#_Toc256001482)

[S7.7.2 Capabilities of Embedded Network Managers 1103](#_Toc256001483)

[8. Administrative Functions 1107](#_Toc256001484)

[Part A Introductory 1107](#_Toc256001485)

[8.1 Administrative functions 1107](#_Toc256001486)

[8.1.1 [Deleted] 1107](#_Toc256001487)

[8.1.2 [Deleted] 1107](#_Toc256001488)

[8.1.3 Structure of this Chapter 1107](#_Toc256001489)

[Part B Disputes 1107](#_Toc256001490)

[8.2 Dispute Resolution 1107](#_Toc256001491)

[8.2.1 Application and guiding principles 1107](#_Toc256001492)

[8.2.2 The Dispute Resolution Adviser 1110](#_Toc256001493)

[8.2.3 Dispute management systems of Registered Participants and AEMO 1111](#_Toc256001494)

[8.2.4 Stage 1 - dispute resolution through Registered Participants' DMS 1112](#_Toc256001495)

[8.2.5 Stage 2 - dispute resolution process 1114](#_Toc256001496)

[8.2.6A Establishment of Dispute Resolution Panel 1114](#_Toc256001497)

[8.2.6B Parties to DRP Proceedings 1115](#_Toc256001498)

[8.2.6C Proceedings of the DRP 1116](#_Toc256001499)

[8.2.6D Decisions of the DRP 1117](#_Toc256001500)

[8.2.6 [Deleted] 1117](#_Toc256001501)

[8.2.7 Legal representation 1117](#_Toc256001502)

[8.2.8 Cost of dispute resolution 1118](#_Toc256001503)

[8.2.9 Effect of resolution 1118](#_Toc256001504)

[8.2.10 Recording and publication 1119](#_Toc256001505)

[8.2.11 Appeals on questions of law 1119](#_Toc256001506)

[8.2.12 [Deleted] 1119](#_Toc256001507)

[8.2A B2B Determination Disputes 1119](#_Toc256001508)

[8.2A.1 Application of rule 8.2 1119](#_Toc256001509)

[8.2A.2 How rule 8.2 applies 1119](#_Toc256001510)

[8.3 Power to make Electricity Procedures 1122](#_Toc256001511)

[8.4 [Deleted] 1122](#_Toc256001512)

[8.5 [Deleted] 1122](#_Toc256001513)

[Part C Registered Participants' confidentiality obligations 1122](#_Toc256001514)

[8.6 Confidentiality 1122](#_Toc256001515)

[8.6.1 Confidentiality 1122](#_Toc256001516)

[8.6.1A Application 1123](#_Toc256001517)

[8.6.2 Exceptions 1123](#_Toc256001518)

[8.6.3 Conditions 1125](#_Toc256001519)

[8.6.4 [Deleted] 1125](#_Toc256001520)

[8.6.5 Indemnity to AER, AEMC and AEMO 1125](#_Toc256001521)

[8.6.6 AEMO information 1125](#_Toc256001522)

[8.6.7 Information on Rules Bodies 1125](#_Toc256001523)

[Part D Monitoring and reporting 1126](#_Toc256001524)

[8.7 Monitoring and Reporting 1126](#_Toc256001525)

[8.7.1 Monitoring 1126](#_Toc256001526)

[8.7.2 Reporting requirements and monitoring standards for Registered Participants and AEMO 1126](#_Toc256001527)

[8.7.3 Consultation required for making general regulatory information order (Section 28H of the NEL) 1128](#_Toc256001528)

[8.7.4 Preparation of network service provider performance report (Section 28V of the NEL) 1129](#_Toc256001529)

[8.7.5 [Deleted] 1130](#_Toc256001530)

[8.7.6 Recovery of reporting costs 1130](#_Toc256001531)

[Part E Reliability panel 1130](#_Toc256001532)

[8.8 Reliability Panel 1130](#_Toc256001533)

[8.8.1 Purpose of Reliability Panel 1130](#_Toc256001534)

[8.8.2 Constitution of the Reliability Panel 1132](#_Toc256001535)

[8.8.3 Reliability Panel review process 1134](#_Toc256001536)

[8.8.4 Determination of protected events 1136](#_Toc256001537)

[Part F Rules consultation procedures 1138](#_Toc256001538)

[8.9 Rules Consultation Procedures 1138](#_Toc256001539)

[Part G Consumer advocacy funding 1140](#_Toc256001540)

[8.10 Consumer advocacy funding obligation 1140](#_Toc256001541)

[Part H Augmentations 1140](#_Toc256001542)

[8.11 Augmentations 1140](#_Toc256001543)

[8.11.1 Application 1140](#_Toc256001544)

[8.11.2 Object 1140](#_Toc256001545)

[8.11.3 Definitions 1141](#_Toc256001546)

[8.11.4 Planning criteria 1141](#_Toc256001547)

[8.11.5 Construction of augmentation that is not a contestable augmentation 1142](#_Toc256001548)

[8.11.6 Contestable augmentations 1142](#_Toc256001549)

[8.11.7 Construction and operation of contestable augmentation 1143](#_Toc256001550)

[8.11.8 Funded augmentations that are not subject to the tender process 1145](#_Toc256001551)

[8.11.9 Contractual requirements and principles 1145](#_Toc256001552)

[8.11.10 Annual planning review 1146](#_Toc256001553)

[Schedule 8.11 Principles to be reflected in agreements relating to contestable augmentations 1146](#_Toc256001554)

[S8.11.1 Risk allocation 1146](#_Toc256001555)

[S8.11.2 Minimum requirements for agreements relating to contestable augmentation 1147](#_Toc256001556)

[S8.11.3 Matters to be dealt with in relevant agreements 1148](#_Toc256001557)

[Part I Values of customer reliability 1148](#_Toc256001558)

[8.12 Development of methodology and publication of values of customer reliability 1148](#_Toc256001559)

[8A. Participant Derogations 1153](#_Toc256001560)

[Part 1 Derogations Granted to TransGrid 1153](#_Toc256001561)

[8A.1 [Deleted] 1153](#_Toc256001562)

[Part 2 Derogations Granted to EnergyAustralia 1153](#_Toc256001563)

[8A.2 [Deleted] 1153](#_Toc256001564)

[8A.2A [Deleted] 1153](#_Toc256001565)

[Part 3 [Deleted] 1153](#_Toc256001566)

[Part 4 [Deleted] 1153](#_Toc256001567)

[Part 5 [Deleted] 1153](#_Toc256001568)

[Part 6 Derogations Granted to Victorian Market Participants 1153](#_Toc256001569)

[Part 7 [Deleted] 1154](#_Toc256001570)

[Part 8 [Deleted] 1154](#_Toc256001571)

[Part 9 [Deleted] 1154](#_Toc256001572)

[Part 10 [Deleted] 1154](#_Toc256001573)

[Part 11 [Deleted] 1154](#_Toc256001574)

[Part 12 [Deleted] 1154](#_Toc256001575)

[Part 13 Derogation granted to Aurora Energy (Tamar Valley) Pty Ltd 1154](#_Toc256001576)

[8A.13 [Deleted] 1154](#_Toc256001577)

[Part 14 Derogations granted to Ausgrid, Endeavour Energy and Essential Energy 1154](#_Toc256001578)

[8A.14 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1154](#_Toc256001579)

[8A.14.1 Definitions 1154](#_Toc256001580)

[8A.14.2 Expiry date 1158](#_Toc256001581)

[8A.14.3 Application of Rule 8A.14 1158](#_Toc256001582)

[8A.14.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1159](#_Toc256001583)

[8A.14.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1160](#_Toc256001584)

[8A.14.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1161](#_Toc256001585)

[8A.14.7 Requirements for adjustment determination 1162](#_Toc256001586)

[8A.14.8 Application of Chapter 6 under participant derogation 1163](#_Toc256001587)

[Part 15 Derogations granted to ActewAGL 1164](#_Toc256001588)

[8A.15 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1164](#_Toc256001589)

[8A.15.1 Definitions 1164](#_Toc256001590)

[8A.15.2 Expiry date 1168](#_Toc256001591)

[8A.15.3 Application of Rule 8A.15 1168](#_Toc256001592)

[8A.15.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1168](#_Toc256001593)

[8A.15.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1170](#_Toc256001594)

[8A.15.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1171](#_Toc256001595)

[8A.15.7 Requirements for adjustment determination 1173](#_Toc256001596)

[8A.15.8 Application of Chapter 6 under participant derogation 1173](#_Toc256001597)

[9. Jurisdictional Derogations and Transitional Arrangements 1179](#_Toc256001598)

[9.1 Purpose and Application 1179](#_Toc256001599)

[9.1.1 Purpose 1179](#_Toc256001600)

[9.1.2 Jurisdictional Derogations 1179](#_Toc256001601)

[Part A Jurisdictional Derogations for Victoria 1179](#_Toc256001602)

[9.2 [Deleted] 1179](#_Toc256001603)

[9.3 Definitions 1179](#_Toc256001604)

[9.3.1 General Definitions 1179](#_Toc256001605)

[9.3.2 [Deleted] 1181](#_Toc256001606)

[9.3A Fault levels 1181](#_Toc256001607)

[9.4 Transitional Arrangements for Chapter 2 - Registered Participants, Registration and Cross Border Networks 1182](#_Toc256001608)

[9.4.1 [Deleted] 1182](#_Toc256001609)

[9.4.2 Smelter Trader 1182](#_Toc256001610)

[9.4.3 Smelter Trader: compliance 1182](#_Toc256001611)

[9.4.4 Report from AER 1185](#_Toc256001612)

[9.4.5 Cross Border Networks 1185](#_Toc256001613)

[9.5 [Deleted] 1186](#_Toc256001614)

[9.6 Transitional Arrangements for Chapter 4 - System Security 1186](#_Toc256001615)

[9.6.1 Operating Procedures (clause 4.10.1) 1186](#_Toc256001616)

[9.6.2 Nomenclature Standards (clause 4.12) 1186](#_Toc256001617)

[9.7 Transitional Arrangements for Chapter 5 - Network Connection 1186](#_Toc256001618)

[9.7.1 [Deleted] 1186](#_Toc256001619)

[9.7.2 [Deleted] 1186](#_Toc256001620)

[9.7.3 [Deleted] 1186](#_Toc256001621)

[9.7.4 Regulation of Distribution Network Connection 1186](#_Toc256001622)

[9.7.5 [Deleted] 1187](#_Toc256001623)

[9.7.6 [Deleted] 1187](#_Toc256001624)

[9.7.7 [Deleted] 1187](#_Toc256001625)

[9.8 Transitional Arrangements for Chapter 6 - Network Pricing 1187](#_Toc256001626)

[9.8.1 [Deleted] 1187](#_Toc256001627)

[9.8.2 [Deleted] 1187](#_Toc256001628)

[9.8.3 [Deleted] 1187](#_Toc256001629)

[9.8.4 Transmission Network Pricing 1187](#_Toc256001630)

[9.8.4A [Deleted] 1189](#_Toc256001631)

[9.8.4B [Deleted] 1189](#_Toc256001632)

[9.8.4C [Deleted] 1189](#_Toc256001633)

[9.8.4D [Deleted] 1189](#_Toc256001634)

[9.8.4E [Deleted] 1189](#_Toc256001635)

[9.8.4F [Deleted] 1189](#_Toc256001636)

[9.8.4G [Deleted] 1189](#_Toc256001637)

[9.8.5 [Deleted] 1189](#_Toc256001638)

[9.8.6 [Deleted] 1189](#_Toc256001639)

[9.8.7 Distribution network pricing – transitional application of former Chapter 6 1189](#_Toc256001640)

[9.8.8 Exclusion of AER's power to aggregate distribution systems and parts of distribution systems 1190](#_Toc256001641)

[9.9 Transitional Arrangements for Chapter 7 - Metering 1190](#_Toc256001642)

[9.9.1 Metering Installations To Which This Schedule Applies 1190](#_Toc256001643)

[9.9.2 [Deleted] 1191](#_Toc256001644)

[9.9.3 [Deleted] 1191](#_Toc256001645)

[9.9.4 [Deleted] 1191](#_Toc256001646)

[9.9.5 [Deleted] 1191](#_Toc256001647)

[9.9.6 [Deleted] 1191](#_Toc256001648)

[9.9.7 [Deleted] 1191](#_Toc256001649)

[9.9.8 [Deleted] 1191](#_Toc256001650)

[9.9.9 Periodic Energy Metering (clause 7.9.3) 1191](#_Toc256001651)

[9.9.10 Use of Alternate Technologies (clause 7.13) 1191](#_Toc256001652)

[9.9A [Deleted] 1192](#_Toc256001653)

[9.9B [Deleted] 1192](#_Toc256001654)

[9.9C [Deleted] 1192](#_Toc256001655)

[1. Interpretation of tables 1192](#_Toc256001656)

[2. Continuing effect 1192](#_Toc256001657)

[3. Subsequent agreement 1193](#_Toc256001658)

[4. [Deleted] 1193](#_Toc256001659)

[5. Reactive Power Capability (clause S5.2.5.1 of schedule 5.2) 1193](#_Toc256001660)

[6. [Deleted] 1194](#_Toc256001661)

[7. [Deleted] 1194](#_Toc256001662)

[8. [Deleted] 1194](#_Toc256001663)

[9. [Deleted] 1194](#_Toc256001664)

[10. [Deleted] 1194](#_Toc256001665)

[11. [Deleted 1194](#_Toc256001666)

[12. [Deleted] 1194](#_Toc256001667)

[13. Governor Systems (load control) (clause S5.2.5.11 of schedule 5.2) 1194](#_Toc256001668)

[14. [Deleted] 1194](#_Toc256001669)

[15. [Deleted] 1194](#_Toc256001670)

[16. Excitation Control System (clause S5.2.5.13 of schedule 5.2) 1194](#_Toc256001671)

[Part B Jurisdictional Derogations for New South Wales 1195](#_Toc256001672)

[9.10 [Deleted] 1195](#_Toc256001673)

[9.11 Definitions 1195](#_Toc256001674)

[9.11.1 Definitions used in this Part B 1195](#_Toc256001675)

[9.12 Transitional Arrangements for Chapter 2 - Generators, Registered Participants, Registration and Cross Border Networks 1196](#_Toc256001676)

[9.12.1 [Deleted] 1196](#_Toc256001677)

[9.12.2 Customers 1196](#_Toc256001678)

[9.12.3 Power Traders 1196](#_Toc256001679)

[9.12.4 Cross Border Networks 1199](#_Toc256001680)

[9.13 [Deleted] 1200](#_Toc256001681)

[9.14 Transitional Arrangements for Chapter 4 - System Security 1200](#_Toc256001682)

[9.14.1 Power System Operating Procedures 1200](#_Toc256001683)

[9.15 NSW contestable services for Chapter 5A 1200](#_Toc256001684)

[9.15.1 Definitions 1200](#_Toc256001685)

[9.15.2 Chapter 5A not to apply to certain contestable services 1200](#_Toc256001686)

[9.16 Transitional Arrangements for Chapter 6 - Network Pricing 1200](#_Toc256001687)

[9.16.1 NSW contestable services 1200](#_Toc256001688)

[9.16.2 [Deleted] 1200](#_Toc256001689)

[9.16.3 Jurisdictional Regulator 1200](#_Toc256001690)

[9.16.4 Deemed Regulated Interconnector 1201](#_Toc256001691)

[9.16.5 [Deleted] 1201](#_Toc256001692)

[9.17 Transitional Arrangements for Chapter 7 - Metering 1201](#_Toc256001693)

[9.17.1 Extent of Derogations 1201](#_Toc256001694)

[9.17.2 Initial Registration (clause 7.1.2) 1201](#_Toc256001695)

[9.17.3 Amendments to Schedule 9G1 1201](#_Toc256001696)

[9.17.4 Compliance with AS/NZ ISO 9002 (clause S7.4.3(f) of schedule 7.4) 1202](#_Toc256001697)

[9.17A [Deleted] 1202](#_Toc256001698)

[9.18 [Deleted] 1202](#_Toc256001699)

[Part C Jurisdictional Derogations for the Australian Capital Territory 1202](#_Toc256001700)

[9.19 [Deleted] 1202](#_Toc256001701)

[9.20 Definitions and Transitional Arrangements for Cross-Border Networks 1202](#_Toc256001702)

[9.20.1 Definitions 1202](#_Toc256001703)

[9.20.2 Cross Border Networks 1202](#_Toc256001704)

[9.21 [Deleted] 1203](#_Toc256001705)

[9.22 [Deleted] 1203](#_Toc256001706)

[9.23 Transitional Arrangements for Chapter 6 - Network Pricing 1203](#_Toc256001707)

[9.23.1 [Deleted] 1203](#_Toc256001708)

[9.23.2 [Deleted] 1203](#_Toc256001709)

[9.23.3 [Deleted 1203](#_Toc256001710)

[9.23.4 [Deleted] 1203](#_Toc256001711)

[9.24 Transitional Arrangements 1203](#_Toc256001712)

[9.24.1 Chapter 7 - Metering 1203](#_Toc256001713)

[9.24.2 [Deleted] 1203](#_Toc256001714)

[9.24A [Deleted] 1203](#_Toc256001715)

[Part D Jurisdictional Derogations for South Australia 1203](#_Toc256001716)

[9.25 Definitions 1203](#_Toc256001717)

[9.25.1 [Deleted] 1203](#_Toc256001718)

[9.25.2 Definitions 1203](#_Toc256001719)

[9.26 Transitional Arrangements for Chapter 2 - Registered Participants, Registration And Cross Border Networks 1206](#_Toc256001720)

[9.26.1 Registration as a Generator 1206](#_Toc256001721)

[9.26.2 Registration as a Customer 1207](#_Toc256001722)

[9.26.3 Cross Border Networks 1207](#_Toc256001723)

[9.26.4 [Deleted] 1207](#_Toc256001724)

[9.26.5 Registration as a Network Service Provider 1207](#_Toc256001725)

[9.27 [Deleted] 1208](#_Toc256001726)

[9.28 Transitional Arrangements for Chapter 5 - Network Connection 1208](#_Toc256001727)

[9.28.1 Application of clause 5.2 1208](#_Toc256001728)

[9.28.2 [Deleted] 1209](#_Toc256001729)

[9.29 Transitional Arrangements for Chapter 6 - Economic Regulation of Distribution Services 1209](#_Toc256001730)

[9.29.1 [Deleted] 1209](#_Toc256001731)

[9.29.2 [Deleted] 1209](#_Toc256001732)

[9.29.3 [Deleted] 1209](#_Toc256001733)

[9.29.4 [Deleted] 1209](#_Toc256001734)

[9.29.5 Distribution Network Pricing – South Australia 1209](#_Toc256001735)

[9.29.6 Capital contributions, prepayments and financial guarantees 1210](#_Toc256001736)

[9.29.7 Ring fencing 1210](#_Toc256001737)

[9.29A Monitoring and reporting 1210](#_Toc256001738)

[9.30 Transitional Provisions 1211](#_Toc256001739)

[9.30.1 Chapter 7 - Metering 1211](#_Toc256001740)

[Part E Jurisdictional Derogations for Queensland 1211](#_Toc256001741)

[9.31 [Deleted] 1211](#_Toc256001742)

[9.32 Definitions and Interpretation 1211](#_Toc256001743)

[9.32.1 Definitions 1211](#_Toc256001744)

[9.32.2 Interpretation 1214](#_Toc256001745)

[9.33 Transitional Arrangements for Chapter 1 1214](#_Toc256001746)

[9.33.1 [Deleted] 1214](#_Toc256001747)

[9.34 Transitional Arrangements for Chapter 2 - Registered Participants and Registration 1214](#_Toc256001748)

[9.34.1 Application of the Rules in Queensland (clauses 2.2 and 2.5) 1214](#_Toc256001749)

[9.34.2 Stanwell Cross Border Leases (clause 2.2) 1214](#_Toc256001750)

[9.34.3 [Deleted] 1214](#_Toc256001751)

[9.34.4 Registration as a Customer (clause 2.3.1) 1214](#_Toc256001752)

[9.34.5 There is no clause 9.34.5 1215](#_Toc256001753)

[9.34.6 Exempted generation agreements (clause 2.2) 1215](#_Toc256001754)

[9.35 [Deleted] 1219](#_Toc256001755)

[9.36 [Deleted] 1219](#_Toc256001756)

[9.37 Transitional Arrangements for Chapter 5 - Network Connection 1219](#_Toc256001757)

[9.37.1 [Deleted] 1219](#_Toc256001758)

[9.37.2 Existing connection and access agreements (clause 5.2) 1219](#_Toc256001759)

[9.37.3 [Deleted] 1220](#_Toc256001760)

[9.37.4 [Deleted] 1220](#_Toc256001761)

[9.37.5 Forecasts for connection points to transmission network (clause 5.11.1) 1220](#_Toc256001762)

[9.37.6 There is no clause 9.37.6 1220](#_Toc256001763)

[9.37.7 Cross Border Networks 1220](#_Toc256001764)

[9.37.8 [Deleted] 1221](#_Toc256001765)

[9.37.9 Credible contingency events (clause S5.1.2.1 of schedule 5.1) 1221](#_Toc256001766)

[9.37.10 Reactive power capability (clause S5.2.5.1 of schedule 5.2) 1221](#_Toc256001767)

[9.37.11 [Deleted] 1222](#_Toc256001768)

[9.37.12 Voltage fluctuations (clause S5.1.5 of schedule 5.1) 1222](#_Toc256001769)

[9.37.13 [Deleted] 1224](#_Toc256001770)

[9.37.14 [Deleted] 1224](#_Toc256001771)

[9.37.15 [Deleted] 1224](#_Toc256001772)

[9.37.16 [Deleted] 1224](#_Toc256001773)

[9.37.17 [Deleted] 1224](#_Toc256001774)

[9.37.18 [Deleted] 1224](#_Toc256001775)

[9.37.19 Generating unit response to disturbances (clause S5.2.5.3 of schedule 5.2) 1224](#_Toc256001776)

[9.37.20 [Deleted] 1224](#_Toc256001777)

[9.37.21 Excitation control system (clause S.5.2.5.13 of schedule 5.2) 1224](#_Toc256001778)

[9.37.22 [Deleted] 1225](#_Toc256001779)

[9.37.23 Annual forecast information for planning purposes (schedule 5.7) 1225](#_Toc256001780)

[9.38 Transitional Arrangements for Chapter 6 - Network Pricing 1225](#_Toc256001781)

[9.38.1 [Deleted] 1225](#_Toc256001782)

[9.38.2 [Deleted] 1225](#_Toc256001783)

[9.38.3 [Deleted] 1225](#_Toc256001784)

[9.38.4 Interconnectors between regions 1225](#_Toc256001785)

[9.38.5 Transmission pricing for exempted generation agreements 1225](#_Toc256001786)

[9.39 Transitional Arrangements for Chapter 7 - Metering 1226](#_Toc256001787)

[9.39.1 Metering installations to which this clause applies 1226](#_Toc256001788)

[9.39.2 [Deleted] 1227](#_Toc256001789)

[9.39.3 [Deleted] 1227](#_Toc256001790)

[9.39.4 [Deleted] 1227](#_Toc256001791)

[9.39.5 [Deleted] 1227](#_Toc256001792)

[9.40 Transitional Arrangements for Chapter 8 - Administration Functions 1227](#_Toc256001793)

[9.40.1 [Deleted] 1227](#_Toc256001794)

[9.40.2 [Deleted] 1227](#_Toc256001795)

[9.40.3 [Deleted] 1227](#_Toc256001796)

[9.41 [Deleted] 1227](#_Toc256001797)

[Part F Jurisdictional Derogations for Tasmania 1228](#_Toc256001798)

[9.42 Definitions and interpretation 1228](#_Toc256001799)

[9.42.1 Definitions 1228](#_Toc256001800)

[9.42.2 Interpretation 1229](#_Toc256001801)

[9.42.3 National grid, power system and related expressions 1229](#_Toc256001802)

[9.43 [Deleted] 1230](#_Toc256001803)

[9.44 Transitional arrangements for Chapter 2 – Registered Participants and Registration - Customers (clause 2.3.1(e)) 1230](#_Toc256001804)

[9.45 Tasmanian Region (clause 3.5) 1230](#_Toc256001805)

[9.47 Transitional arrangements for Chapter 5- Network Connection 1230](#_Toc256001806)

[9.47.1 Existing Connection Agreements 1230](#_Toc256001807)

[9.48 Transitional arrangements - Transmission and Distribution Pricing 1230](#_Toc256001808)

[9.48.4A Ring fencing 1230](#_Toc256001809)

[9.48.4B Uniformity of tariffs for small customers 1231](#_Toc256001810)

[9.48.5 Transmission network 1231](#_Toc256001811)

[9.48.6 Deemed regulated interconnector 1231](#_Toc256001812)

[Part G Schedules to Chapter 9 1231](#_Toc256001813)

[1. Introduction 1231](#_Toc256001814)

[2. [Deleted] 1231](#_Toc256001815)

[3. General Principle 1231](#_Toc256001816)

[4. [Deleted] 1232](#_Toc256001817)

[5. Accuracy Requirements 1232](#_Toc256001818)

[6. [Deleted] 1232](#_Toc256001819)

[7. [Deleted] 1232](#_Toc256001820)

[8. [Deleted] 1232](#_Toc256001821)

[9. [Deleted] 1232](#_Toc256001822)

[10. [Deleted] 1232](#_Toc256001823)

[10. Glossary 1235](#_Toc256001824)

[11. Savings and Transitional Rules 1353](#_Toc256001825)

[Part A Definitions 1353](#_Toc256001826)

[Part B System Restart Ancillary Services (2006 amendments) 1353](#_Toc256001827)

[11.2 Rules consequent on making of the National Electricity Amendment (System Restart Ancillary Services and pricing under market suspension) Rule 2006 1353](#_Toc256001828)

[11.2.1 Transitional provision for acquisition of non-market ancillary services 1353](#_Toc256001829)

[11.3 [Deleted] 1354](#_Toc256001830)

[Part C Dispute Resolution for Regulatory Test (2006 amendments) 1354](#_Toc256001831)

[11.4 Rules consequent on making of the National Electricity Amendment (Dispute Resolution for Regulatory Test) Rule 2006 1354](#_Toc256001832)

[11.4.1 Continuation of things done under old clause 5.6.6 1354](#_Toc256001833)

[Part D Metrology (2006 amendments) 1355](#_Toc256001834)

[11.5 Rules consequential on the making of the National Electricity Amendment (Metrology) Rule 2006 1355](#_Toc256001835)

[11.5.1 Definitions 1355](#_Toc256001836)

[11.5.2 Metrology procedures continues to apply until 31 December 2006 1355](#_Toc256001837)

[11.5.3 Responsible person 1355](#_Toc256001838)

[11.5.4 NEMMCO's responsibility to develop a metrology procedure 1355](#_Toc256001839)

[11.5.5 Jurisdictional metrology material in the metrology procedure 1356](#_Toc256001840)

[Part E Economic Regulation of Transmission Services (2006 amendments) 1356](#_Toc256001841)

[11.6 Rules consequent on making of the National Electricity Amendment (Economic Regulation of Transmission Services) Rule 2006 1356](#_Toc256001842)

[11.6.1 Definitions 1356](#_Toc256001843)

[11.6.2 New Chapter 6A does not affect existing revenue determinations 1357](#_Toc256001844)

[11.6.3 Old Part C and Schedules 6.2, 6.3, 6.4, 6.7 and 6.8 of old Chapter 6 1358](#_Toc256001845)

[11.6.4 Old Part F of Chapter 6 1358](#_Toc256001846)

[11.6.5 Application of new Chapter 6A to Transmission Network Service Providers 1358](#_Toc256001847)

[11.6.6 Application of Chapter 6 to old distribution matters 1358](#_Toc256001848)

[11.6.7 References to the old Chapter 6 1358](#_Toc256001849)

[11.6.8 References to provisions of the old Chapter 6 1359](#_Toc256001850)

[11.6.9 Roll forward of regulatory asset base for first regulatory control period 1359](#_Toc256001851)

[11.6.10 Other adjustment carry-over mechanisms from current to first regulatory control period 1359](#_Toc256001852)

[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 1359](#_Toc256001853)

[11.6.12 Powerlink transitional provisions 1362](#_Toc256001854)

[11.6.13 ElectraNet easements transitional provisions 1365](#_Toc256001855)

[11.6.14 TransGrid contingent projects 1365](#_Toc256001856)

[11.6.15 Transmission determination includes existing revenue determinations 1366](#_Toc256001857)

[11.6.16 References to regulatory control period 1366](#_Toc256001858)

[11.6.17 Consultation procedure for first proposed guidelines 1366](#_Toc256001859)

[11.6.18 Reliance on proposed guidelines for SP AusNet, VENCorp and ElectraNet 1367](#_Toc256001860)

[11.6.19 EnergyAustralia transitional provisions 1367](#_Toc256001861)

[11.6.20 Basslink transitional provisions 1369](#_Toc256001862)

[11.6.21 SPI Powernet savings and transitional provision 1371](#_Toc256001863)

[11.6.22 Interim arrangements pricing-related information 1372](#_Toc256001864)

[Part F Reform of Regulatory Test Principles (2006 amendments) 1373](#_Toc256001865)

[11.7 Rules consequent on making of the National Electricity Amendment (Reform of the Regulatory Test Principles) Rule 2006 1373](#_Toc256001866)

[11.7.1 Definitions 1373](#_Toc256001867)

[11.7.2 Amending Rule does not affect old clause 5.6.5A 1373](#_Toc256001868)

[Part G Pricing of Prescribed Transmission Services (2006 amendments) 1373](#_Toc256001869)

[11.8 Rules consequent on making the National Electricity Amendment (Pricing of Prescribed Transmission Services) Rule 2006 1373](#_Toc256001870)

[11.8.1 Definitions 1373](#_Toc256001871)

[11.8.2 Regulated interconnectors 1374](#_Toc256001872)

[11.8.3 Application of new Part J of Chapter 6A to Transmission Network Service Providers 1374](#_Toc256001873)

[11.8.4 Reliance on agreed interim guideline for ElectraNet, SPAusNet, and VenCorp 1375](#_Toc256001874)

[11.8.5 Prudent discounts under existing agreements 1375](#_Toc256001875)

[11.8.6 Application of prudent discounts regime under rule 6A.26 1375](#_Toc256001876)

[11.8.7 Prudent discounts pending approval of pricing methodology 1375](#_Toc256001877)

[Part H Reallocations (2007 amendments) 1376](#_Toc256001878)

[11.9 Rules consequent on the making of the National Electricity Amendment (Reallocations) Rule 2007 1376](#_Toc256001879)

[11.9.1 Definitions 1376](#_Toc256001880)

[11.9.2 Existing and transitional reallocations 1376](#_Toc256001881)

[Part I Technical Standards for Wind Generation (2007 amendments) 1377](#_Toc256001882)

[11.10 Rules consequent on making of the National Electricity Amendment (Technical Standards for Wind Generation and other Generator Connections) Rule 2007 1377](#_Toc256001883)

[11.10.1 Definitions 1377](#_Toc256001884)

[11.10.2 Provision of information under S5.2.4 in registration application 1377](#_Toc256001885)

[11.10.3 Access standards made under the old Chapter 5 1378](#_Toc256001886)

[11.10.4 Modifications to plant by Generators 1378](#_Toc256001887)

[11.10.5 Technical Details to Support Application for Connection and Connection Agreement 1378](#_Toc256001888)

[11.10.6 Transitional arrangements for establishment of performance standards 1378](#_Toc256001889)

[11.10.7 Jurisdictional Derogations for Queensland 1378](#_Toc256001890)

[11.10A Rules consequent on the making of the National Electricity Amendment (Central Dispatch and Integration of Wind and Other Intermittent Generation) Rule 2008 1379](#_Toc256001891)

[11.10A.1 Definitions 1379](#_Toc256001892)

[11.10A.2 Registration and reclassification of classified generating units 1380](#_Toc256001893)

[11.10A.3 Registered generating unit 1380](#_Toc256001894)

[11.10A.4 Classification of potential semi-scheduled generating unit 1380](#_Toc256001895)

[11.10A.5 Participant fees 1381](#_Toc256001896)

[11.10A.6 Timetable 1381](#_Toc256001897)

[11.10A.7 Procedure for contribution factors for ancillary service transactions 1381](#_Toc256001898)

[11.10A.8 Guidelines for energy conversion model information 1381](#_Toc256001899)

[Part J Cost Recovery of Localised Regulation Services (2007 amendments) 1382](#_Toc256001900)

[11.11 Rules consequent on making of the National Electricity Amendment (Cost Recovery of Localised Regulation Services) Rule 2007 1382](#_Toc256001901)

[11.11.1 Definitions 1382](#_Toc256001902)

[11.11.2 Action taken by NEMMCO for the purposes of Amending Rule 1382](#_Toc256001903)

[11.12 [Deleted] 1382](#_Toc256001904)

[Part L  [Deleted] 1382](#_Toc256001905)

[Part M Economic Regulation of Distribution Services (2007 amendments) 1382](#_Toc256001906)

[Division 1 General Provisions 1382](#_Toc256001907)

[11.14 General provisions 1382](#_Toc256001908)

[11.14.1 Application of this Division 1382](#_Toc256001909)

[11.14.2 Definitions 1382](#_Toc256001910)

[11.14.3 Preservation of old regulatory regime 1383](#_Toc256001911)

[11.14.4 Transfer of regulatory responsibility 1384](#_Toc256001912)

[11.14.5 Special requirements with regard to ring fencing 1384](#_Toc256001913)

[11.14.6 Additional requirements with regard to cost allocation 1385](#_Toc256001914)

[11.14.7 Construction of documents 1385](#_Toc256001915)

[Division 2 [Deleted] 1386](#_Toc256001916)

[Division 3 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1386](#_Toc256001917)

[11.16 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1386](#_Toc256001918)

[11.16.1 Definitions 1386](#_Toc256001919)

[11.16.2 Application of Part to Queensland 2010 distribution determinations 1386](#_Toc256001920)

[11.16.3 Treatment of the regulatory asset base 1386](#_Toc256001921)

[11.16.4 Efficiency Benefit Sharing Scheme 1387](#_Toc256001922)

[11.16.5 Service Target Performance Incentive Scheme 1387](#_Toc256001923)

[11.16.6 Framework and approach 1387](#_Toc256001924)

[11.16.7 Regulatory Proposal 1387](#_Toc256001925)

[11.16.8 Side constraints 1388](#_Toc256001926)

[11.16.9 Cost pass throughs 1388](#_Toc256001927)

[11.16.10 Capital Contributions Policy 1388](#_Toc256001928)

[Division 4 Transitional provisions of specific application to Victoria 1389](#_Toc256001929)

[11.17 Transitional provisions of specific application to Victoria 1389](#_Toc256001930)

[11.17.1 Definitions 1389](#_Toc256001931)

[11.17.2 Calculation of estimated cost of corporate income tax 1389](#_Toc256001932)

[11.17.3 Decisions made in the absence of a statement of regulatory intent 1389](#_Toc256001933)

[11.17.4 Cost allocation guidelines 1390](#_Toc256001934)

[11.17.5 Modification of requirements related to cost allocation method 1390](#_Toc256001935)

[11.17.6 AMI Order in Council 1391](#_Toc256001936)

[Part N Registration of Foreign Based Persons and Corporations as Trader Class Participants (2007 amendments) 1391](#_Toc256001937)

[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 1391](#_Toc256001938)

[11.18.1 Definitions 1391](#_Toc256001939)

[11.18.2 Auction rules 1391](#_Toc256001940)

[Part O Process for Region Change (2007 amendments) 1392](#_Toc256001941)

[11.19 Rules consequent on making of the National Electricity Amendment (Process for Region Change) Rule 2007 1392](#_Toc256001942)

[11.19.1 Definitions 1392](#_Toc256001943)

[11.19.2 Regions Publication 1392](#_Toc256001944)

[Part P Integration of NEM Metrology Requirements 1392](#_Toc256001945)

[11.20 Rules consequential on the making of the National Electricity Amendment (Integration of NEM Metrology Requirements) Rule 2008 1392](#_Toc256001946)

[11.20.1 Definitions 1392](#_Toc256001947)

[11.20.2 Metering installations for non-market generating units immediately prior to 30 June 2008 1392](#_Toc256001948)

[11.20.3 First-tier load metering installations 1393](#_Toc256001949)

[11.20.4 First-tier load metering installations in Victoria 1393](#_Toc256001950)

[11.20.5 Minimalist Transitioning Approach in Queensland 1393](#_Toc256001951)

[11.20.6 First-tier jurisdictional requirements publication 1394](#_Toc256001952)

[11.20.7 Metrology procedure 1394](#_Toc256001953)

[Part PA Reliability Settings: Information Safety Net and Directions 1394](#_Toc256001954)

[11.21 Rules consequential on the making of the National Electricity Amendment (NEM Reliability Settings: Information Safety Net and Directions) Rule 2008 1394](#_Toc256001955)

[11.21.1 Definitions 1394](#_Toc256001956)

[11.21.2 EAAP guidelines 1394](#_Toc256001957)

[11.21.3 [Deleted] 1394](#_Toc256001958)

[11.21.4 [Deleted] 1394](#_Toc256001959)

[11.21.5 Timetable 1394](#_Toc256001960)

[11.21.6 Power system security and reliability standards 1395](#_Toc256001961)

[11.21.7 Report on statement of opportunities 1395](#_Toc256001962)

[11.21.8 Methodology for dispatch prices and ancillary services prices 1395](#_Toc256001963)

[Part Q Regulatory Test Thresholds and Information Disclosure on Network Replacements 1395](#_Toc256001964)

[11.22 Rules consequential on the making of the National Electricity Amendment (Regulatory Test Thresholds and Information Disclosure on Network Replacements) Rule 2008 1395](#_Toc256001965)

[11.22.1 Definitions 1395](#_Toc256001966)

[11.22.2 Amending Rule does not affect existing regulatory test 1396](#_Toc256001967)

[Part R Performance Standard Compliance of Generators 1396](#_Toc256001968)

[11.23 Rules consequential on the making of the National Electricity Amendment (Performance Standards Compliance of Generators) Rule 2008 1396](#_Toc256001969)

[11.23.1 Definitions 1396](#_Toc256001970)

[11.23.2 Application of rule 11.23 for compliance programs implemented immediately after the commencement of the Amending Rule 1396](#_Toc256001971)

[11.23.3 Application of rule 11.23 for compliance programs implemented immediately prior to the commencement of the Amending Rule 1396](#_Toc256001972)

[11.23.4 Application of rule 11.23 for compliance programs not implemented immediately prior to the commencement of the Amending Rule 1397](#_Toc256001973)

[Part S [Deleted] 1397](#_Toc256001974)

[Part U Confidentiality Arrangements concerning Information required for Power System Studies 1397](#_Toc256001975)

[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 1397](#_Toc256001976)

[11.25.1 Definitions 1397](#_Toc256001977)

[11.25.2 Transitional arrangements for the provision of information 1397](#_Toc256001978)

[Part V WACC Reviews: Extension of Time 1399](#_Toc256001979)

[11.26 Rule consequential on the making of the National Electricity Amendment (WACC Reviews: Extension of Time) Rule 2009 1399](#_Toc256001980)

[11.26.1 Definitions 1399](#_Toc256001981)

[11.26.2 Extension of time to submit a regulatory proposal for the regulatory control period 2010-2015 1399](#_Toc256001982)

[Part W National Transmission Statement 1399](#_Toc256001983)

[11.27 Rules consequent on the making of the National Electricity Amendment (National Transmission Statement) Rule 2009 1399](#_Toc256001984)

[11.27.1 Definitions 1399](#_Toc256001985)

[11.27.2 Purpose 1399](#_Toc256001986)

[11.27.3 Application of rule 11.27 1400](#_Toc256001987)

[11.27.4 National Transmission Statement 1400](#_Toc256001988)

[11.27.5 Scope and Content of National Transmission Network Development Plan 1401](#_Toc256001989)

[11.27.6 Energy Adequacy Assessment Projection 1402](#_Toc256001990)

[11.27.7 Amendment to Last Resort Power 1402](#_Toc256001991)

[11.27.8 Actions taken prior to commencement of Rule 1402](#_Toc256001992)

[Part X National Transmission Planning 1402](#_Toc256001993)

[11.28 Rules consequential on the making of the National Electricity (Australian Energy Market Operator) Amendment Rules 2009 1402](#_Toc256001994)

[11.28.1 Definitions 1402](#_Toc256001995)

[11.28.2 Jurisdictional planning bodies and representatives 1402](#_Toc256001996)

[11.28.3 Criteria and guidelines published by Inter-regional Planning Committee 1403](#_Toc256001997)

[11.28.4 Augmentation technical reports 1403](#_Toc256001998)

[11.28.5 Last Resort Planning Power 1403](#_Toc256001999)

[11.28.6 Inter-network power system tests 1403](#_Toc256002000)

[11.28.7 Control and protection settings for equipment 1404](#_Toc256002001)

[11.28.8 Revenue Proposals 1404](#_Toc256002002)

[Part Y Regulatory Investment Test for Transmission 1404](#_Toc256002003)

[11.29 Rules consequent on making of the National Electricity Amendment (Regulatory Investment Test for Transmission) Rule 2009 1404](#_Toc256002004)

[11.29.1 Definitions 1404](#_Toc256002005)

[11.29.2 Period when Amending Rule applies to transmission investment 1405](#_Toc256002006)

[Part Z Congestion Information Resource 1405](#_Toc256002007)

[11.30 Rules consequent on the making of the National Electricity Amendment (Congestion Information Resource) Rule 2009 1405](#_Toc256002008)

[11.30.1 Definitions 1405](#_Toc256002009)

[11.30.2 Interim congestion Information resource 1406](#_Toc256002010)

[Part ZA Reliability and emergency reserve trader (2009 amendments) 1408](#_Toc256002011)

[11.31 Rules consequent on the making of the National Electricity Amendment (Improved RERT Flexibility and Short-notice Reserve Contracts) Rule 2009 1408](#_Toc256002012)

[11.31.1 Definitions 1408](#_Toc256002013)

[11.31.2 Purpose 1408](#_Toc256002014)

[11.31.3 Amendments to Reliability Panel's RERT Guidelines 1408](#_Toc256002015)

[11.31.4 Amendments to AEMO's RERT procedures for exercising the RERT 1409](#_Toc256002016)

[Part ZB Early Application of Market Impact Parameters 1409](#_Toc256002017)

[11.32 Rules consequent on the making of the National Electricity Amendment (Early Implementation of Market Impact Parameters) Rule 2010 1409](#_Toc256002018)

[11.32.1 Definitions 1409](#_Toc256002019)

[11.32.2 Purpose 1410](#_Toc256002020)

[11.32.3 Early application of the market impact component of the service target performance incentive scheme 1410](#_Toc256002021)

[Part ZC Transparency of operating data 1413](#_Toc256002022)

[11.33 Rules consequential on the making of National Electricity Amendment (Transparency of Operating Data) Rule 2010 1413](#_Toc256002023)

[11.33.1 Definitions 1413](#_Toc256002024)

[11.33.2 Spot market operations timetable 1413](#_Toc256002025)

[Part ZD Cost Recovery for Other Services Directions 1415](#_Toc256002026)

[11.34 Rules consequent on making of the National Electricity Amendment (Cost Recovery for Other Services Directions) Rule 2010 1415](#_Toc256002027)

[11.34.1 Definitions 1415](#_Toc256002028)

[11.34.2 Period when Amending Rules applies to funding of compensation 1415](#_Toc256002029)

[Part ZE Payments under Feed-in Schemes and Climate Change Funds 1415](#_Toc256002030)

[11.35 Rules consequential on the making of the National Electricity Amendment (Payments under Feed-in Schemes and Climate Change Funds) Rule 2010 1415](#_Toc256002031)

[11.35.1 Definitions 1415](#_Toc256002032)

[11.35.2 Application of recovery of jurisdictional scheme Rules 1416](#_Toc256002033)

[11.35.3 Reporting on jurisdictional schemes 1417](#_Toc256002034)

[11.35.4 Revocation and substitution of distribution determination for jurisdictional scheme recovery 1418](#_Toc256002035)

[Part ZF Transitional Arrangements for Ministerial Smart Meter Roll Out Determinations 1419](#_Toc256002036)

[11.36 Ministerial Smart Meter Roll Out Determinations 1419](#_Toc256002037)

[11.36.1 Definitions 1419](#_Toc256002038)

[11.36.2 Meaning of relevant metering installation 1419](#_Toc256002039)

[11.36.3 Period of application of rule to relevant metering installation 1419](#_Toc256002040)

[11.36.4 Designation of responsible person 1420](#_Toc256002041)

[11.36.5 [Deleted] 1420](#_Toc256002042)

[11.36.6 [Deleted] 1420](#_Toc256002043)

[Part ZG Provision of Metering Data Services and Clarification of Existing Metrology Requirements 1420](#_Toc256002044)

[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 1420](#_Toc256002045)

[11.37.1 Definitions 1420](#_Toc256002046)

[11.37.2 Commencement of special site or technology related conditions 1420](#_Toc256002047)

[11.37.3 Initial service level procedures 1420](#_Toc256002048)

[Part ZH Spot Market Operations Timetable 1421](#_Toc256002049)

[11.38 Rules consequential on the making of National Electricity Amendment (Amendments to PASA-related Rules) Rule 2010 1421](#_Toc256002050)

[11.38.1 Definitions 1421](#_Toc256002051)

[11.38.2 Spot market operations timetable 1421](#_Toc256002052)

[Part ZI DNSP Recovery of Transmission-related Charges 1422](#_Toc256002053)

[11.39 Rules consequential on the making of the National Electricity Amendment (DNSP Recovery of Transmission-related Charges) Rule 2011 1422](#_Toc256002054)

[11.39.1 Definitions 1422](#_Toc256002055)

[11.39.2 Recovery by Victorian distribution network service providers during current regulatory control period 1423](#_Toc256002056)

[11.39.3 Recovery by Victorian distribution network service providers for shared network augmentations 1423](#_Toc256002057)

[11.39.4 Bairnsdale network support agreement 1423](#_Toc256002058)

[11.39.5 Approval of pricing proposal 1423](#_Toc256002059)

[11.39.6 Ergon Energy transitional charges 1424](#_Toc256002060)

[11.39.7 Energex transitional charges 1424](#_Toc256002061)

[Part ZJ Network Support and Control Ancillary Services 1424](#_Toc256002062)

[11.40 Rules consequential on the making of the National Electricity Amendment (Network Support and Control Ancillary Services) Rule 2011 1424](#_Toc256002063)

[11.40.1 Definitions 1424](#_Toc256002064)

[11.40.2 Purpose 1424](#_Toc256002065)

[11.40.3 Existing NCAS contracts to continue 1424](#_Toc256002066)

[11.40.4 Amendments to existing guidelines 1425](#_Toc256002067)

[11.40.5 New procedures 1425](#_Toc256002068)

[11.40.6 Decisions and actions taken prior to Amending Rule 1425](#_Toc256002069)

[Part ZK Application of Dual Marginal Loss Factors 1425](#_Toc256002070)

[11.41 Rules consequential on the making of the National Electricity Amendment (Application of Dual Marginal Loss Factors) Rule 2011 1425](#_Toc256002071)

[11.41.1 Definitions 1425](#_Toc256002072)

[11.41.2 Amendments to loss factor methodology 1426](#_Toc256002073)

[11.41.3 Procedure applying dual intra-regional loss factors in central dispatch and spot market transactions 1426](#_Toc256002074)

[11.41.4 Publication of intra-regional loss factors 1426](#_Toc256002075)

[Part ZL Tasmania Tranche 5a Procedure Changes 1426](#_Toc256002076)

[11.42 Rules consequential on the making of the National Electricity Amendment (Tasmania Tranche 5a Procedure Changes) Rule 2011 1426](#_Toc256002077)

[11.42.1 Definitions 1426](#_Toc256002078)

[11.42.2 AEMO may amend Relevant Procedures 1427](#_Toc256002079)

[Part ZM Application and Operation of Administered Price Periods 1427](#_Toc256002080)

[11.43 Rules consequential on the making of National Electricity Amendment (Application and Operation of Administered Price Periods) Rule 2011 1427](#_Toc256002081)

[11.43.1 Definitions 1427](#_Toc256002082)

[11.43.2 Administered Price Cap Schedule 1427](#_Toc256002083)

[Part ZO Negative Intra-regional Settlements Residue 1428](#_Toc256002084)

[11.45 Rules consequential on the making of National Electricity Amendment (Negative Intra-regional Settlements Residue) Rule 2012 1428](#_Toc256002085)

[11.45.1 Definitions 1428](#_Toc256002086)

[11.45.2 Recovery of negative settlements residue prior to consultation under the Amending Rule 1428](#_Toc256002087)

[11.45.3 First consultation on negative intra-regional settlements residue procedure 1429](#_Toc256002088)

[Part ZP Interim Connection Charging Rules 1429](#_Toc256002089)

[11.46 Rules consequential to the insertion of Chapter 5A by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1429](#_Toc256002090)

[Division 1 Preliminary 1429](#_Toc256002091)

[11.46.1 Definitions 1429](#_Toc256002092)

[11.46.2 Extended meaning of some terms 1431](#_Toc256002093)

[11.46.3 Transitional operation of relevant provisions 1431](#_Toc256002094)

[Division 2 Jurisdictional differences 1432](#_Toc256002095)

[11.46.4 Exclusions, qualifications and modifications for ACT 1432](#_Toc256002096)

[11.46.5 Exclusions, qualifications and modifications for NSW 1433](#_Toc256002097)

[11.46.6 Exclusions, qualifications and modifications for Queensland 1434](#_Toc256002098)

[11.46.7 Exclusions, qualifications and modifications for SA 1435](#_Toc256002099)

[11.46.8 Exclusions, qualifications and modifications for Tasmania 1436](#_Toc256002100)

[11.46.9 Exclusions, qualifications and modifications for Victoria 1437](#_Toc256002101)

[Division 3 General provisions 1438](#_Toc256002102)

[11.46.10 Connection charges 1438](#_Toc256002103)

[11.46.11 References 1439](#_Toc256002104)

[Part ZQ NSW transitional retail support and credit support rules 1439](#_Toc256002105)

[11.47 Rules consequential on the insertion of Chapter 6B by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1439](#_Toc256002106)

[Division 1 Preliminary 1439](#_Toc256002107)

[11.47.1 Definitions 1439](#_Toc256002108)

[11.47.2 Application 1441](#_Toc256002109)

[11.47.3 Obligation to pay 1441](#_Toc256002110)

[11.47.4 Charging and billing 1441](#_Toc256002111)

[11.47.5 Interest on unpaid amounts 1442](#_Toc256002112)

[11.47.6 Circumstances where NSW DNSP may request credit support 1442](#_Toc256002113)

[11.47.7 Credit support 1442](#_Toc256002114)

[11.47.8 Credit support providers 1443](#_Toc256002115)

[11.47.9 NSW DNSP to determine required credit support amount 1443](#_Toc256002116)

[11.47.10 NSW Retailer to ensure credit support available 1443](#_Toc256002117)

[11.47.11 Drawing on credit support 1444](#_Toc256002118)

[11.47.12 Specific transitional arrangements 1444](#_Toc256002119)

[Part ZR Miscellaneous transitional rules—NERL 1444](#_Toc256002120)

[11.48 Rules consequential on the making of the National Electricity (National Energy Retail Law) Amendment Rule 2012 1444](#_Toc256002121)

[11.48.1 Extension of time period for AER to consider certain pass through applications 1444](#_Toc256002122)

[Part ZS Cost pass through arrangements for Network Service Providers 1445](#_Toc256002123)

[11.49 Rules consequential on the making of National Electricity Amendment (Cost pass through arrangements for Network Service Providers) Rule 2012 1445](#_Toc256002124)

[11.49.1 Definitions 1445](#_Toc256002125)

[11.49.2 Terrorism event is a cost pass through event in the current regulatory control period 1445](#_Toc256002126)

[11.49.3 Transitional arrangement for Powerlink 1445](#_Toc256002127)

[11.49.4 Transitional arrangements for ElectraNet and Murraylink 1446](#_Toc256002128)

[Part ZT Distribution Network Planning and Expansion 1446](#_Toc256002129)

[11.50 Rules consequential on the making of the National Electricity Amendment (Distribution Network Planning and Expansion) Rule 2012 1446](#_Toc256002130)

[11.50.1 Interpretation 1446](#_Toc256002131)

[11.50.2 Definitions 1446](#_Toc256002132)

[11.50.3 Timing for first Distribution Annual Planning Report 1447](#_Toc256002133)

[11.50.4 Contents of Distribution Annual Planning Report 1447](#_Toc256002134)

[11.50.5 Transition from the regulatory test to the regulatory investment test for distribution 1448](#_Toc256002135)

[Part ZU New Prudential Standard and Framework in the NEM 1449](#_Toc256002136)

[11.51 Rules consequential on the making of the National Electricity Amendment (New Prudential Standard and Framework in the NEM) Rule 2012 1449](#_Toc256002137)

[11.51.1 Definitions 1449](#_Toc256002138)

[11.51.2 AEMO's responsibility to develop and publish the credit limit procedures 1449](#_Toc256002139)

[11.51.3 Transition to the framework for determining prudential settings 1450](#_Toc256002140)

[11.51.4 Prior consultation, step, decision or action taken by AEMO 1450](#_Toc256002141)

[Part ZV Small Generation Aggregator Framework 1450](#_Toc256002142)

[11.52 Rules consequential on the making of the National Electricity Amendment (Small Generation Aggregator Framework) Rule 2012 1450](#_Toc256002143)

[11.52.1 Definitions 1450](#_Toc256002144)

[11.52.2 Commencement of participant fees as well as transactions, funding and settlements under Chapter 3 for Market Small Generation Aggregators 1451](#_Toc256002145)

[11.52.3 Participant fees for Market Small Generation Aggregators 1451](#_Toc256002146)

[11.52.4 Ancillary service transactions, funding of compensation for directions and intervention settlements for directions for Market Small Generation Aggregators 1451](#_Toc256002147)

[11.52.5 Amendments to the carbon dioxide equivalent intensity index procedures 1452](#_Toc256002148)

[11.52.6 Amendments of the metrology procedures 1453](#_Toc256002149)

[11.52.7 Amendments to the Market Settlement and Transfer Solution Procedures 1453](#_Toc256002150)

[Part ZW Economic Regulation of Network Service Providers (2012 amendments) 1453](#_Toc256002151)

[Division 1 Miscellaneous transitional provisions 1453](#_Toc256002152)

[11.53 Publication of Chapter 6 Guidelines 1453](#_Toc256002153)

[11.53.1 Shared Asset Guidelines 1453](#_Toc256002154)

[11.53.2 Capital Expenditure Incentive Guidelines 1454](#_Toc256002155)

[11.53.3 Rate of Return Guidelines 1454](#_Toc256002156)

[11.53.4 Expenditure Forecast Assessment Guidelines 1454](#_Toc256002157)

[11.53.5 Distribution Confidentiality Guidelines 1454](#_Toc256002158)

[11.53.6 Consultation procedure paper 1455](#_Toc256002159)

[11.54 Publication of Chapter 6A Guidelines 1455](#_Toc256002160)

[11.54.1 Shared Asset Guidelines 1455](#_Toc256002161)

[11.54.2 Capital Expenditure Incentive Guidelines 1455](#_Toc256002162)

[11.54.3 Rate of Return Guidelines 1455](#_Toc256002163)

[11.54.4 Expenditure Forecast Assessment Guidelines 1456](#_Toc256002164)

[11.54.5 Transmission Confidentiality Guidelines 1456](#_Toc256002165)

[11.54.6 Consultation paper procedure 1456](#_Toc256002166)

[Division 2 Transitional provisions for NSW/ACT Distribution Network Service Providers 1456](#_Toc256002167)

[11.55 General provisions 1456](#_Toc256002168)

[11.55.1 Definitions 1456](#_Toc256002169)

[11.55.2 Transitional Chapter 6 1457](#_Toc256002170)

[11.55.3 Application of rule 11.56 1459](#_Toc256002171)

[11.56 Special provisions applying to affected DNSPs 1459](#_Toc256002172)

[11.56.1 Requirement to make distribution determination 1459](#_Toc256002173)

[11.56.2 Transitional regulatory proposal 1459](#_Toc256002174)

[11.56.3 Distribution determination for a transitional regulatory control period 1460](#_Toc256002175)

[11.56.4 Subsequent regulatory control period 1465](#_Toc256002176)

[11.56.5 Review of past capital expenditure 1470](#_Toc256002177)

[Division 3 Transitional provisions for NSW and Tasmanian Transmission Network Service Providers and Directlink 1470](#_Toc256002178)

[11.57 General provisions 1470](#_Toc256002179)

[11.57.1 Definitions 1470](#_Toc256002180)

[11.57.2 Transitional Chapter 6A 1471](#_Toc256002181)

[11.57.3 Application of rule 11.58 1472](#_Toc256002182)

[11.58 Special provisions applying to affected TNSPs 1473](#_Toc256002183)

[11.58.1 Requirement to make transmission determination 1473](#_Toc256002184)

[11.58.2 Requirement to submit a transitional Revenue Proposal 1473](#_Toc256002185)

[11.58.3 Transmission determination for a transitional regulatory control period 1474](#_Toc256002186)

[11.58.4 Subsequent regulatory control period 1476](#_Toc256002187)

[11.58.5 Review of past capital expenditure 1481](#_Toc256002188)

[Division 4 Transitional provisions for the Victorian TNSP 1481](#_Toc256002189)

[11.59 Special provisions applying to the Victorian TNSP 1481](#_Toc256002190)

[11.59.1 Definitions 1481](#_Toc256002191)

[11.59.2 Application of rule 11.59 1482](#_Toc256002192)

[11.59.3 Former Chapter 6A/10 applies 1482](#_Toc256002193)

[11.59.4 Review of past capital expenditure 1482](#_Toc256002194)

[Division 5 Transitional provisions for Qld/SA and Victorian Distribution Network Service Providers 1483](#_Toc256002195)

[11.60 Special provisions applying to the Qld/SA and Victorian Distribution Network Service Providers 1483](#_Toc256002196)

[11.60.1 Definitions 1483](#_Toc256002197)

[11.60.2 Application of rule 11.60 1484](#_Toc256002198)

[11.60.3 Distribution determination for next regulatory control period 1484](#_Toc256002199)

[11.60.4 Re-opening of distribution determination for next regulatory control period 1486](#_Toc256002200)

[11.60.5 Review of past capital expenditure 1488](#_Toc256002201)

[Division 6 Review of past capital expenditure 1488](#_Toc256002202)

[11.61 Definitions and application 1488](#_Toc256002203)

[11.62 Review of past capital expenditure under Chapter 6 1489](#_Toc256002204)

[11.63 Review of past capital expenditure under Chapter 6A 1489](#_Toc256002205)

[Part ZX Inter-regional Transmission Charging 1490](#_Toc256002206)

[11.64 Rules consequent on the making of the National Electricity Amendment (Inter-regional Transmission Charging) Rule 2013 1490](#_Toc256002207)

[11.64.1 Definitions 1490](#_Toc256002208)

[11.64.2 Amendments to the pricing methodology guidelines 1490](#_Toc256002209)

[11.64.3 Amendments to the pricing methodologies of Transmission Network Service Providers 1490](#_Toc256002210)

[11.64.4 Commencement of clause 6A.23.3(f) for further adjustments 1491](#_Toc256002211)

[Part ZY Network Service Provider Expenditure Objectives 1491](#_Toc256002212)

[11.65 Rules consequent on the making of the National Electricity Amendment (Network Service Provider Expenditure Objectives) Rule 2013 1491](#_Toc256002213)

[11.65.1 Definitions 1491](#_Toc256002214)

[11.65.2 Application of rule 11.65 1491](#_Toc256002215)

[Part ZZ Access to NMI Standing Data 1492](#_Toc256002216)

[11.66 Rules consequent on the making of the National Electricity Amendment (Access to NMI Standing Data) Rule 2013 1492](#_Toc256002217)

[11.66.1 Definitions 1492](#_Toc256002218)

[11.66.2 Minor amendment of the Market Settlement and Transfer Solution Procedures 1492](#_Toc256002219)

[Part ZZA Publication of Zone Substation Data 1493](#_Toc256002220)

[11.67 Rules consequent on the making of the National Electricity Amendment (Publication of Zone Substation Data) Rule 2014 1493](#_Toc256002221)

[11.67.1 Definitions 1493](#_Toc256002222)

[11.67.2 Distribution Network Service Providers' obligations to commence on the next DAPR date 1493](#_Toc256002223)

[Part ZZB Connecting Embedded Generators 1493](#_Toc256002224)

[11.68 Rules consequential on the making of the National Electricity Amendment (Connecting embedded generators) Rule 2014 1493](#_Toc256002225)

[11.68.1 Definitions 1493](#_Toc256002226)

[11.68.2 Continuation of enquiries lodged 1493](#_Toc256002227)

[Part ZZC Customer access to information about their energy consumption 1494](#_Toc256002228)

[11.69 Rules consequential on the making of the National Electricity Amendment (Customer access to information about their energy consumption) Rule 2014 1494](#_Toc256002229)

[11.69.1 Definitions 1494](#_Toc256002230)

[11.69.2 AEMO to develop and publish the metering data provision procedure 1494](#_Toc256002231)

[Part ZZD National Electricity Amendment (Distribution Network Pricing Arrangements) Rule 2014 1494](#_Toc256002232)

[Division 1 Miscellaneous transitional provisions 1494](#_Toc256002233)

[11.70 General provisions 1494](#_Toc256002234)

[11.70.1 Definitions 1494](#_Toc256002235)

[11.70.2 Application of Part ZZB 1495](#_Toc256002236)

[11.71 Special provisions applying to SA TNSP 1495](#_Toc256002237)

[Division 2 Transitional provisions for NSW/ACT and Qld/SA Distribution Network Service Providers 1496](#_Toc256002238)

[11.72 General provisions 1496](#_Toc256002239)

[11.72.1 Definitions 1496](#_Toc256002240)

[11.73 Special provisions applying to affected DNSPs 1496](#_Toc256002241)

[11.73.1 Distribution determination and pricing proposals 1496](#_Toc256002242)

[11.73.2 Tariff structure statement 1497](#_Toc256002243)

[11.73.3 Dispute resolution 1503](#_Toc256002244)

[Division 3 Transitional provisions for Tasmanian Distribution Network Service Provider 1503](#_Toc256002245)

[11.74 Application of former Chapter 6 1503](#_Toc256002246)

[Division 4 Transitional provisions for Victorian Distribution Network Service Providers 1503](#_Toc256002247)

[11.75 General provisions 1503](#_Toc256002248)

[11.75.1 Definitions 1503](#_Toc256002249)

[11.76 Special provisions applying to affected DNSPs 1503](#_Toc256002250)

[11.76.1 Distribution determination and pricing proposals 1503](#_Toc256002251)

[11.76.2 Tariff structure statement 1504](#_Toc256002252)

[11.76.3 Dispute resolution 1510](#_Toc256002253)

[Part ZZE Early Application of Network Capability Component (STPIS) 1510](#_Toc256002254)

[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 1510](#_Toc256002255)

[11.77.1 Definitions 1510](#_Toc256002256)

[11.77.2 Purpose 1510](#_Toc256002257)

[11.77.3 Earlier application of the network capability component of the service target performance incentive scheme 1511](#_Toc256002258)

[Part ZZF National Electricity Amendment (Governance arrangements and implementation of the reliability standard and settings) Rule 2015 1513](#_Toc256002259)

[11.78 Rules consequent on the making of the National Electricity Amendment (Governance arrangements and implementation of the reliability standards and settings) Rule 2015 1513](#_Toc256002260)

[11.78.1 Definitions 1513](#_Toc256002261)

[11.78.2 Existing power system security and reliability standards 1513](#_Toc256002262)

[11.78.3 Reliability standard and settings guidelines 1514](#_Toc256002263)

[11.78.4 Reliability standard implementation guidelines 1514](#_Toc256002264)

[Part ZZG Improving demand side participation information provided to AEMO by registered participants 1516](#_Toc256002265)

[11.79 Rules consequential on making of the National Electricity Amendment (Improving demand side participation information provided to AEMO by registered participants) Rule 2015 1516](#_Toc256002266)

[11.79.1 AEMO to develop and publish the demand side participation information guidelines 1516](#_Toc256002267)

[Part ZZH Transitional Arrangements for Aligning TasNetworks' regulatory control periods 1517](#_Toc256002268)

[11.80 National Electricity Amendment (Aligning TasNetworks' regulatory control periods) Rule 2015 1517](#_Toc256002269)

[11.80.1 Definitions 1517](#_Toc256002270)

[11.80.2 Application of rule 11.80 1517](#_Toc256002271)

[11.80.3 Next regulatory control period 1517](#_Toc256002272)

[11.80.4 Subsequent regulatory control period 1517](#_Toc256002273)

[Part ZZI System Restart Ancillary Services 1518](#_Toc256002274)

[11.81 Rules consequential on the making of the National Electricity Amendment (System Restart Ancillary Services) Rule 2015 1518](#_Toc256002275)

[11.81.1 Definitions 1518](#_Toc256002276)

[11.81.2 System restart standard 1518](#_Toc256002277)

[11.81.3 SRAS Guideline 1518](#_Toc256002278)

[11.81.4 Regional Benefit Ancillary Services Procedures 1518](#_Toc256002279)

[11.81.5 Consultation prior to the Commencement Date 1518](#_Toc256002280)

[11.81.6 Existing SRAS Contract 1518](#_Toc256002281)

[Part ZZJ Demand management incentive scheme 1519](#_Toc256002282)

[11.82 Rules consequential on making of the National Electricity Amendment (Demand management incentive scheme) Rule 2015 1519](#_Toc256002283)

[11.82.1 Definitions 1519](#_Toc256002284)

[11.82.2 AER to develop and publish the demand management incentive scheme and demand management innovation allowance mechanism 1519](#_Toc256002285)

[Part ZZK AEMO access to demand forecasting information 1519](#_Toc256002286)

[11.83 Rules consequential on the making of the National Electricity Amendment (AEMO access to demand forecasting information) Rule 2015 1519](#_Toc256002287)

[11.83.1 AEMO to include supporting information in NTNDP database 1519](#_Toc256002288)

[Part ZZL Compensation arrangements following application of an Administered Price Cap or Administered Floor Price 1520](#_Toc256002289)

[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 1520](#_Toc256002290)

[11.84.1 Definitions 1520](#_Toc256002291)

[11.84.2 Compensation Guidelines 1520](#_Toc256002292)

[Part ZZM Common definitions of distribution reliability measures 1520](#_Toc256002293)

[11.85 Rules consequential on the making of the National Electricity Amendment (Common definitions of distribution reliability measures) Rule 2015 1520](#_Toc256002294)

[11.85.1 Definitions 1520](#_Toc256002295)

[11.85.2 Distribution reliability measures guidelines 1520](#_Toc256002296)

[11.85.3 Amended STPIS 1520](#_Toc256002297)

[Part ZZN Expanding competition in metering and metering related services 1521](#_Toc256002298)

[11.86 Rules consequent on making of the National Electricity Amendment (Expanding competition in metering and related services) Rule 2015 1521](#_Toc256002299)

[11.86.1 Definitions 1521](#_Toc256002300)

[11.86.2 References to old Chapter 7 1521](#_Toc256002301)

[11.86.3 References to provisions of the old Chapter 7 1521](#_Toc256002302)

[11.86.4 References to responsible person 1521](#_Toc256002303)

[11.86.5 Continued operation of old Rules until the effective date 1521](#_Toc256002304)

[11.86.6 New and amended procedures 1522](#_Toc256002305)

[11.86.7 Metering Coordinator for type 5 or 6 metering installation from effective date 1523](#_Toc256002306)

[11.86.8 Distribution Ring Fencing Guidelines 1525](#_Toc256002307)

[11.86.9 [Deleted] 1525](#_Toc256002308)

[Part ZZO Embedded Networks 1525](#_Toc256002309)

[11.87 Rules consequential on the making of the National Electricity Amendment (Embedded Networks) Rule 2015 1525](#_Toc256002310)

[11.87.1 Definitions 1525](#_Toc256002311)

[11.87.2 Amended Procedures and NMI Standing Data Schedule 1526](#_Toc256002312)

[11.87.3 ENM service level procedures and guide to embedded networks and list of Embedded Network Managers 1526](#_Toc256002313)

[11.87.4 Exemptions under section 13 of the National Electricity Law 1526](#_Toc256002314)

[Part ZZP Meter Replacement Processes 1527](#_Toc256002315)

[11.88 Rules consequential on the making of the National Electricity Amendment (Meter Replacement Processes) Rule 2016 1527](#_Toc256002316)

[11.88.1 Definitions 1527](#_Toc256002317)

[11.88.2 Amended Procedures 1527](#_Toc256002318)

[Part ZZQ Energy Adequacy Assessment Projection 1527](#_Toc256002319)

[11.89 Rules consequential to the National Electricity Amendment (Energy Adequacy Assessment Projection timeframes) Rule 2016 1527](#_Toc256002320)

[11.89.1 Amended guideline and timetable 1527](#_Toc256002321)

[Part ZZR Reliability and emergency reserve trader (2016 amendments) 1528](#_Toc256002322)

[11.90 Rules consequent on the making of the National Electricity Amendment (Extension of the Reliability and Emergency Reserve Trader) Rule 2016 1528](#_Toc256002323)

[11.90.1 Definitions 1528](#_Toc256002324)

[11.90.2 Amendments to Reliability Panel's RERT Guidelines 1528](#_Toc256002325)

[11.90.3 Amendments to AEMO's RERT procedures 1528](#_Toc256002326)

[11.90.4 Reserve contracts entered into before Schedule 2 commencement date 1528](#_Toc256002327)

[Part ZZS Updating the electricity B2B framework 1528](#_Toc256002328)

[11.91 Rules consequential on the making of the National Electricity Amendment (Updating the electricity B2B framework) rule 2016 1528](#_Toc256002329)

[11.91.1 Definitions 1528](#_Toc256002330)

[11.91.2 B2B Procedures 1529](#_Toc256002331)

[11.91.3 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1529](#_Toc256002332)

[11.91.4 The New IEC 1530](#_Toc256002333)

[11.91.5 Amended Procedures 1531](#_Toc256002334)

[11.91.6 B2B e-Hub Participant accreditation process 1532](#_Toc256002335)

[11.91.7 New IEC Budget and 2016 Annual Report 1532](#_Toc256002336)

[11.91.8 Cost recovery 1532](#_Toc256002337)

[Part ZZT Application of Offsets in the Prudential Margin Calculation 1533](#_Toc256002338)

[11.92 Rules consequential on the making of the National Electricity Amendment (Application of Offsets in the Prudential Margin Calculation) Rule 2016 1533](#_Toc256002339)

[11.92.1 Definitions 1533](#_Toc256002340)

[11.92.2 Amended procedures 1533](#_Toc256002341)

[Part ZZU Rate of Return Guidelines Review 1533](#_Toc256002342)

[11.93 Rules consequential on the making of the National Electricity Amendment (Rate of Return Guidelines Review) Rule 2016 1533](#_Toc256002343)

[11.93.1 Definitions 1533](#_Toc256002344)

[11.93.2 Application of current rate of return guidelines to making of a distribution determination for the subsequent regulatory control period 1535](#_Toc256002345)

[Part ZZV Demand Response Mechanism and Ancillary Services Unbundling 1535](#_Toc256002346)

[11.94 Rules consequential on the making of the National Electricity Amendment (Demand Response Management and Ancillary Services Unbundling) rule 2016 1535](#_Toc256002347)

[11.94.1 Definitions 1535](#_Toc256002348)

[11.94.2 Participant fees for Market Ancillary Service Providers 1535](#_Toc256002349)

[Part ZZW Local Generation Network Credits 1535](#_Toc256002350)

[11.95 Rules consequential on the making of the National Electricity Amendment (Local Generation Network Credits) Rule 2016 1535](#_Toc256002351)

[11.95.1 Definitions 1535](#_Toc256002352)

[11.95.2 System limitation template 1536](#_Toc256002353)

[Part ZZX Retailer-Distributor Credit Support Requirements 1536](#_Toc256002354)

[11.96 Rules consequent on the making of the National Electricity Amendment (Retailer Distributor Credit Support Requirements) Rule 2017 No. 1 1536](#_Toc256002355)

[11.96.1 Definitions 1536](#_Toc256002356)

[11.96.2 Continued operation of old Chapter 6B 1536](#_Toc256002357)

[11.96.3 Interaction with Chapter 6 1536](#_Toc256002358)

[11.96.4 Application of new Chapter 6B 1536](#_Toc256002359)

[Part ZZY Emergency Frequency Control Schemes 1537](#_Toc256002360)

[11.97 Rules consequent on the making of the National Electricity Amendment (Emergency frequency control schemes) Rule 2017 1537](#_Toc256002361)

[11.97.1 Definitions 1537](#_Toc256002362)

[11.97.2 Interim frequency operating standards for protected events 1537](#_Toc256002363)

[11.97.3 First power system frequency risk review 1538](#_Toc256002364)

[11.97.4 AEMO must review existing load shedding procedures 1538](#_Toc256002365)

[11.97.5 Load shedding procedures 1538](#_Toc256002366)

[Part ZZZ Transmission Connection and Planning Arrangements 1539](#_Toc256002367)

[11.98 Rules consequential on the making of the National Electricity Amendment (Transmission Connection and Planning Arrangements) Rule 2017 1539](#_Toc256002368)

[11.98.1 Definitions 1539](#_Toc256002369)

[11.98.2 Grandfathering of existing dedicated connection assets 1540](#_Toc256002370)

[11.98.3 Preparatory steps for registration changes under the Amending Rule 1540](#_Toc256002371)

[11.98.4 Participant fees for Dedicated Connection Asset Service Providers 1541](#_Toc256002372)

[11.98.5 Existing Connection Agreements 1541](#_Toc256002373)

[11.98.6 Connection process 1541](#_Toc256002374)

[11.98.7 Transmission Annual Planning Report 1542](#_Toc256002375)

[11.98.8 Preservation for adoptive jurisdictions 1542](#_Toc256002376)

[Part ZZZA Replacement expenditure planning arrangements 1542](#_Toc256002377)

[11.99 Rules consequential on the making of the National Electricity Amendment (Replacement expenditure planning arrangements) Rule 2017 1542](#_Toc256002378)

[11.99.1 Definitions 1542](#_Toc256002379)

[11.99.2 Interpretation 1543](#_Toc256002380)

[11.99.3 Transitional arrangements for affected DNSPs 1544](#_Toc256002381)

[11.99.4 Amendments to RIT documentation 1544](#_Toc256002382)

[11.99.5 Transitional arrangements relating to excluded projects 1544](#_Toc256002383)

[11.99.6 Transitional arrangements relating to Victorian bushfire mitigation projects 1544](#_Toc256002384)

[11.99.7 Transitional arrangements relating to review of costs thresholds 1545](#_Toc256002385)

[Part ZZZB Managing the rate of change of power system frequency 1545](#_Toc256002386)

[11.100 Rules consequential on the making of the National Electricity Amendment (Managing the rate of change of power system frequency) Rule 2017 1545](#_Toc256002387)

[11.100.1 Definitions 1545](#_Toc256002388)

[11.100.2 Inertia sub-networks 1546](#_Toc256002389)

[11.100.3 Inertia requirements methodology 1546](#_Toc256002390)

[11.100.4 Inertia requirements 1546](#_Toc256002391)

[11.100.5 NSCAS not to be used to meet an inertia shortfall after 1 July 2019 1547](#_Toc256002392)

[11.100.6 Inertia network services may be used to meet an NSCAS gap declared in the NSCAS transition period 1547](#_Toc256002393)

[11.100.7 Inertia network services made available before the commencement date 1548](#_Toc256002394)

[Part ZZZC Managing power system fault levels 1548](#_Toc256002395)

[11.101 Rules consequential on the making of the National Electricity Amendment (Managing power system fault levels) Rule 2017 1548](#_Toc256002396)

[11.101.1 Definitions 1548](#_Toc256002397)

[11.101.2 System strength impact assessment guidelines 1550](#_Toc256002398)

[11.101.3 System strength requirements methodology 1550](#_Toc256002399)

[11.101.4 System strength requirements 1550](#_Toc256002400)

[11.101.5 NSCAS not to be used to meet a fault level shortfall after 1 July 2019 1551](#_Toc256002401)

[11.101.6 System strength services may be used to meet an NSCAS gap declared in the NSCAS transition period 1551](#_Toc256002402)

[11.101.7 Withdrawal of a system strength-related NSCAS gap already declared 1552](#_Toc256002403)

[11.101.8 System strength services made available before the commencement date 1552](#_Toc256002404)

[Part ZZZD Generating System Model Guidelines 1552](#_Toc256002405)

[11.102 Making of Power System Model Guidelines 1552](#_Toc256002406)

[Part ZZZE Five Minute Settlement 1552](#_Toc256002407)

[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 1552](#_Toc256002408)

[11.103.1 Definitions 1552](#_Toc256002409)

[11.103.2 Amendments to procedures 1553](#_Toc256002410)

[11.103.3. Exemption for certain metering installations 1554](#_Toc256002411)

[11.103.4 New or replacement meters 1554](#_Toc256002412)

[11.103.5 Metering installations exempt from metering data provision requirements 1555](#_Toc256002413)

[11.103.6 Exemption from meter data storage requirements 1555](#_Toc256002414)

[11.103.7 Default offers and bids submitted prior to the commencement date 1555](#_Toc256002415)

[Part ZZZF Contestability of energy services 1555](#_Toc256002416)

[11.104 Rules consequential on the making of the National Electricity Amendment (Contestability of energy services) Rule 2017 1555](#_Toc256002417)

[11.104.1 Definitions 1555](#_Toc256002418)

[11.104.2 New guidelines 1557](#_Toc256002419)

[11.104.3 Transitional arrangements for application of Distribution Service Classification Guidelines and service classification provisions 1557](#_Toc256002420)

[11.104.4 Transitional arrangements for application of Asset Exemption Guidelines, exemption applications and asset exemption decisions 1557](#_Toc256002421)

[11.104.5 Transitional arrangements for adjustment in value of regulatory asset base 1559](#_Toc256002422)

[Part ZZZG Declaration of lack of reserve conditions 1559](#_Toc256002423)

[11.105 Making of lack of reserve declaration guidelines 1559](#_Toc256002424)

[11.105.1 Definitions 1559](#_Toc256002425)

[11.105.2 Making of lack of reserve declaration guidelines 1559](#_Toc256002426)

[Part ZZZH Implementation of demand management incentive scheme 1559](#_Toc256002427)

[11.106 Implementation of demand management incentive scheme 1559](#_Toc256002428)

[11.106.1 Definitions 1559](#_Toc256002429)

[11.106.2 Purpose 1560](#_Toc256002430)

[11.106.3 Early application of revised demand management incentive scheme 1560](#_Toc256002431)

[Part ZZZI Reinstatement of long notice Reliability and Emergency Reserve Trader 1561](#_Toc256002432)

[11.107 Rules consequential on the making of the National Electricity Amendment (Reinstatement of long notice Reliability and Emergency Reserve Trader) Rule 2018 1561](#_Toc256002433)

[11.107.1 Definitions 1561](#_Toc256002434)

[11.107.2 New RERT guidelines 1562](#_Toc256002435)

[11.107.3 Amendments to RERT procedures 1565](#_Toc256002436)

[11.107.4 Reserve contracts entered into before the commencement date 1565](#_Toc256002437)

[Part ZZZJ Register of distributed energy resources 1565](#_Toc256002438)

[11.108 Rules consequential on the making of the National Electricity Amendment (Register of distributed energy resources) Rule 2018 1565](#_Toc256002439)

[11.108.1 Definitions 1565](#_Toc256002440)

[11.108.2 AEMO to develop and publish DER register information guidelines 1566](#_Toc256002441)

[11.108.3 NSPs to provide AEMO with existing DER generation information 1566](#_Toc256002442)

[Part ZZZK Generator technical performance standards 1566](#_Toc256002443)

[11.109 Rules consequential on the making of the National Electricity Amendment (Generator technical performance standards) Rule 2018 1566](#_Toc256002444)

[11.109.1 Definitions 1566](#_Toc256002445)

[11.109.2 Application of the Amending Rule to existing connection enquiries 1567](#_Toc256002446)

[11.109.3 Application of the Amending Rule to existing applications to connect 1568](#_Toc256002447)

[11.109.4 Application of the Amending Rule to existing offers to connect 1570](#_Toc256002448)

[11.109.5 Application of the Amending Rule to Existing Connection Agreements 1570](#_Toc256002449)

[Part ZZZL Generator three year notice of closure 1571](#_Toc256002450)

[11.110 Rules consequential on the making of the National Electricity Amendment (Generator three year notice of closure) Rule 2018 1571](#_Toc256002451)

[11.110.1 Definitions 1571](#_Toc256002452)

[11.110.2 AER to develop and publish notice of closure exemption guideline 1571](#_Toc256002453)

[11.110.3 Application of Amending Rule to AEMO 1571](#_Toc256002454)

[11.110.4 Application of Amending Rule to Generators 1571](#_Toc256002455)

[Part ZZZM Participant compensation following market suspension 1572](#_Toc256002456)

[11.111 Rules consequential on the making of the National Electricity Amendment (Participant compensation following market suspension) Rule 2018 1572](#_Toc256002457)

[11.111.1 Definitions 1572](#_Toc256002458)

[11.111.2 Market suspension compensation methodology and schedule of benchmark values 1572](#_Toc256002459)

[Part ZZZN Global settlement and market reconciliation 1572](#_Toc256002460)

[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 1572](#_Toc256002461)

[11.112.1 Definitions 1572](#_Toc256002462)

[11.112.2 Amendments to AEMO procedures 1573](#_Toc256002463)

[11.112.3 AEMO to publish report on unaccounted for energy trends 1573](#_Toc256002464)

[11.112.4 Continuation of registration for non-market generators 1573](#_Toc256002465)

[11.112.5 Publication of UFE data by AEMO 1573](#_Toc256002466)

[11.112.6 Publication of UFE reporting guidelines 1574](#_Toc256002467)

[Part ZZZO Metering installation timeframes 1574](#_Toc256002468)

[11.113 Rules consequential on making of the National Electricity Amendment (Metering installation timeframes) Rule 2018 1574](#_Toc256002469)

[11.113.1 Definitions 1574](#_Toc256002470)

[11.113.2 Timeframes for meters to be installed 1574](#_Toc256002471)

[Part ZZZP Early implementation of ISP priority projects 1575](#_Toc256002472)

[11.114 National Electricity Amendment (Early implementation of ISP priority projects) Rule 2019 1575](#_Toc256002473)

[11.114.1 Definitions 1575](#_Toc256002474)

[11.114.2 Modifications to clause 5.16.6 for ISP VNI and QNI projects 1576](#_Toc256002475)

[11.114.3 Modifications to clause 6A.8.2 for ISP projects 1577](#_Toc256002476)

[Part ZZZQ Enhancement to the Reliability and Emergency Reserve Trader 1579](#_Toc256002477)

[11.115 Rules consequential on the making of the National Electricity Amendment (Enhancement to the reliability and emergency reserve trader) Rule 2019 1579](#_Toc256002478)

[11.115.1 Definitions 1579](#_Toc256002479)

[11.115.2 New RERT guidelines 1580](#_Toc256002480)

[11.115.3 Amendments to RERT procedures 1580](#_Toc256002481)

[11.115.4 Reserve contracts entered into before the commencement date 1580](#_Toc256002482)

[11.115.5 Clause 3.20.6 (Reporting on RERT by AEMO) 1580](#_Toc256002483)

[Part ZZZR Retailer Reliability Obligation 1580](#_Toc256002484)

[11.116 Rules consequential on the making of the National Electricity Amendment (Retailer Reliability Obligation) Rule 2019 1580](#_Toc256002485)

[11.116.1 Application 1580](#_Toc256002486)

[11.116.2 Reliability Instrument Guidelines 1581](#_Toc256002487)

[11.116.3 Forecasting Best Practice Guidelines 1581](#_Toc256002488)

[11.116.4 Reliability Forecast Guidelines 1581](#_Toc256002489)

[11.116.5 AER Opt-in Guidelines 1582](#_Toc256002490)

[11.116.6 Contracts and Firmness Guidelines 1582](#_Toc256002491)

[11.116.7 Qualifying contracts under interim Contracts and Firmness Guidelines 1582](#_Toc256002492)

[11.116.8 Grandfathering arrangements 1582](#_Toc256002493)

[11.116.9 Reliability Compliance Procedures and Guidelines 1583](#_Toc256002494)

[11.116.10 MLO Guidelines 1584](#_Toc256002495)

[11.116.11 Application of Part G, Divisions 2 – 6 (inclusive) 1584](#_Toc256002496)

[11.116.12 Interim deeming of MLO generators and MLO groups 1585](#_Toc256002497)

[11.116.13 MLO information template 1591](#_Toc256002498)

[11.116.14 Initial MLO register 1592](#_Toc256002499)

[11.116.15 Approved MLO products list 1592](#_Toc256002500)

[11.116.16 Designated MLO exchange 1592](#_Toc256002501)

[11.116.17 Five minute settlement intervals 1592](#_Toc256002502)

[11.116.18 Review by AEMC 1592](#_Toc256002503)

[Part ZZZS Transparency of new projects 1593](#_Toc256002504)

[11.117 Rules consequential on the making of the National Electricity Amendment (Transparency of new projects) Rule 2019 1593](#_Toc256002505)

[11.117.1 Definitions 1593](#_Toc256002506)

[11.117.2 Generation information page 1593](#_Toc256002507)

[11.117.3 Generation information guidelines 1593](#_Toc256002508)

[11.117.4 Provision and use of information 1594](#_Toc256002509)

[Part ZZZT Demand management incentive scheme and innovation allowance for TNSPs 1594](#_Toc256002510)

[11.118 Rules consequential on the making of the National Electricity Amendment (Demand management incentive scheme and innovation allowance for TNSPs) Rule 2019 1594](#_Toc256002511)

[11.118.1 Definitions 1594](#_Toc256002512)

[11.118.2 AER to develop and publish the demand management innovation allowance mechanism 1594](#_Toc256002513)

[Part ZZZU Application of the regional reference node test to the Reliability and Emergency Reserve Trader 1595](#_Toc256002514)

[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 1595](#_Toc256002515)

[11.119.1 Definitions 1595](#_Toc256002516)

[11.119.2 AEMO intervention event in effect on commencement date 1595](#_Toc256002517)

[Part ZZZV Improving Transparency and Extending Duration of MT PASA 1595](#_Toc256002518)

[11.120 Rules consequential on the making of the National Electricity Amendment (Improving transparency and extending duration of MT PASA) Rule 2020 1595](#_Toc256002519)

[11.120.1 AEMO to update spot market operations timetable 1595](#_Toc256002520)

[Part ZZZW Victorian jurisdictional derogation – RERT contracting 1595](#_Toc256002521)

[11.121 Rules consequential on the making of the National Electricity Amendment (Victorian jurisdictional derogation - RERT contracting) Rule 2020 1595](#_Toc256002522)

[11.121.1 Definitions 1595](#_Toc256002523)

[11.121.2 Procedures 1596](#_Toc256002524)

[Part ZZZX Mandatory primary frequency response 1596](#_Toc256002525)

[11.122 Rules consequential on the making of the National Electricity Amendment (Mandatory primary frequency response) Rule 2020 1596](#_Toc256002526)

[11.122.1 Definitions 1596](#_Toc256002527)

[11.122.2 Interim Primary Frequency Response Requirements 1596](#_Toc256002528)

[11.122.3 Action taken prior to commencement 1597](#_Toc256002529)

[Part ZZZY System restart services, standards and testing 1597](#_Toc256002530)

[11.123 Rules consequential on the making of the National Electricity Amendment (System restart services, standards and testing) Rule 2020 1597](#_Toc256002531)

[11.123.1 Definitions 1597](#_Toc256002532)

[11.123.2 SRAS Guideline 1597](#_Toc256002533)

[11.123.3 System restart standard 1598](#_Toc256002534)

[11.123.4 Communication protocols 1598](#_Toc256002535)

[11.123.5 System restart tests 1598](#_Toc256002536)

[Part ZZZZ Introduction of metering coordinator planned interruptions 1598](#_Toc256002537)

[11.124 Rules consequential on the making of the National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 1598](#_Toc256002538)

[11.124.1 Definitions 1598](#_Toc256002539)

[11.124.2 Amendments of the metrology procedure 1599](#_Toc256002540)

[11.124.3 Market Settlement and Transfer Solutions Procedures 1599](#_Toc256002541)

[11.124.4 Requirements of the metrology procedure 1599](#_Toc256002542)

[Part ZZZZA Wholesale demand response 1599](#_Toc256002543)

[11.125 Rules consequential on the making of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 1599](#_Toc256002544)

[11.125.1 Definitions 1599](#_Toc256002545)

[11.125.2 Wholesale demand response guidelines 1600](#_Toc256002546)

[11.125.3 Baseline methodologies 1601](#_Toc256002547)

[11.125.4 Wholesale demand response participation guidelines 1601](#_Toc256002548)

[11.125.5 Extension of time for registration and aggregation 1601](#_Toc256002549)

[11.125.6 Amendments to AEMO, AER and AEMC documents 1601](#_Toc256002550)

[11.125.7 Amendments to the demand side participation information guidelines 1602](#_Toc256002551)

[11.125.8 Amendment to RERT guidelines 1602](#_Toc256002552)

[11.125.9 Renaming of Market Ancillary Service Providers 1603](#_Toc256002553)

[11.125.10 Wholesale demand response annual reporting 1603](#_Toc256002554)

[Part ZZZZB Integrated System Planning Rules 1603](#_Toc256002555)

[11.126 Rules consequential on the making of the National Electricity Amendment (Integrated System Planning) Rule 2020 1603](#_Toc256002556)

[11.126.1 Definitions 1603](#_Toc256002557)

[11.126.2 2020 Integrated System Plan 1604](#_Toc256002558)

[11.126.3 Existing actionable ISP projects 1604](#_Toc256002559)

[11.126.4 Existing actionable ISP projects at the clause 5.16.6 stage 1604](#_Toc256002560)

[11.126.5 Existing actionable ISP projects prior to the clause 5.16.6 stage 1605](#_Toc256002561)

[11.126.6 Existing RIT-T proponent has published a PSCR but not a PADR 1605](#_Toc256002562)

[11.126.7 Cost Benefit Analysis Guidelines 1606](#_Toc256002563)

[11.126.8 Forecasting Best Practice Guidelines 1606](#_Toc256002564)

[11.126.9 Methodologies and reports 1606](#_Toc256002565)

[11.126.10 AEMC review of ISP framework 1606](#_Toc256002566)

[Part ZZZZC Deferral of network charges 1607](#_Toc256002567)

[11.127 Transitional arrangements made by the National Electricity Amendment (Deferral of network charges) Rule 2020 No. 11 1607](#_Toc256002568)

[11.127.1 Definitions 1607](#_Toc256002569)

[11.127.2 Deferral of payment of network charges 1608](#_Toc256002570)

[11.127.3 Deferral of payment of charges for prescribed transmission services 1609](#_Toc256002571)

[11.127.4 AER reporting 1610](#_Toc256002572)

[11.127.5 Application of this Part 1610](#_Toc256002573)

[Part ZZZZD Interim reliability measure 1610](#_Toc256002574)

[11.128 Rules consequential on the making of the National Electricity Amendment (Interim reliability measure) Rule 2020 1610](#_Toc256002575)

[11.128.1 Definitions 1610](#_Toc256002576)

[11.128.2 Expiry date 1611](#_Toc256002577)

[11.128.3 Application of rule 3.20 1611](#_Toc256002578)

[11.128.4 Reserve contracts for interim reliability reserves 1611](#_Toc256002579)

[11.128.5 Interim reliability reserves – reporting 1613](#_Toc256002580)

[11.128.6 AEMO exercise of RERT 1613](#_Toc256002581)

[11.128.7 RERT guidelines 1614](#_Toc256002582)

[11.128.8 RERT procedures 1614](#_Toc256002583)

[11.128.9 Reliability standard implementation guidelines 1614](#_Toc256002584)

[11.128.10 AEMO preparatory activities 1614](#_Toc256002585)

[11.128.11 Reserve contracts entered into before the commencement date 1615](#_Toc256002586)

[11.128.12 Review by the AEMC 1615](#_Toc256002587)

[Part ZZZZE Removal of intervention hierarchy 1616](#_Toc256002588)

[11.129 Rules consequential on making of the National Electricity Amendment (Removal of intervention hierarchy) Rule 2020 1616](#_Toc256002589)

[11.129.1 Definitions 1616](#_Toc256002590)

[11.129.2 Procedures 1616](#_Toc256002591)