**National Electricity Rules Version 142**

**Historical Information**

This version of the National Electricity Rules was current from 18 June 2020 to 30 June 2020.

National Electricity Rules

Version 142

Status Information

This is the latest electronically available version of the National Electricity Rules as at 18 June 2020.

This consolidated version of the National Electricity Rules was last updated on 18 June 2020 as a result of the commencement of the following amendments:

Schedule 6 of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 No. 9

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

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

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

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

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

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

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

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

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

Provisions in force

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

National Electricity Amendment (Integrated System Planning) Rule 2020 will commence operation on 1 July 2020.

Schedule 1 of the National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 No. 7 will commence operation on 21 July 2020.

Schedule 2 of the National Electricity Amendment (Improving transparency and extending duration of MT PASA) Rule 2020 No. 1 will commence operation on 20 August 2020.

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

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

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

Schedule 2 of the National Electricity Amendment (Participant compensation following market suspension) Rule 2018 No. 13 will commence operation on 1 July 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 July 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 July 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 July 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 July 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 July 2021, immediately after commencement of Schedule 2 of the National Electricity Amendment (Five minute settlement and global settlement implementation amendments) Rule 2019 No. 7.

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

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

Schedules 1 to 4 of the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14 will commence operation on 6 February 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 6 February 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 6 February 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 105](#_Toc256000193)

[3.7C Energy Adequacy Assessment Projection 106](#_Toc256000194)

[3.7D Demand side participation information 109](#_Toc256000195)

[3.7E Register of DER information 111](#_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 120](#_Toc256000202)

[3.8.4 Notification of scheduled capacity 122](#_Toc256000203)

[3.8.5 Submission timing 123](#_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 127](#_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 131](#_Toc256000211)

[3.8.11 Ancillary services constraints 133](#_Toc256000212)

[3.8.12 System scheduled reserve constraints 133](#_Toc256000213)

[3.8.13 Notification of constraints 133](#_Toc256000214)

[3.8.14 Dispatch under conditions of supply scarcity 133](#_Toc256000215)

[3.8.15 [Deleted] 134](#_Toc256000216)

[3.8.16 Equal priced dispatch bids and dispatch offers 134](#_Toc256000217)

[3.8.17 Self-commitment 134](#_Toc256000218)

[3.8.18 Self-decommitment 135](#_Toc256000219)

[3.8.19 Dispatch inflexibilities 135](#_Toc256000220)

[3.8.20 Pre-dispatch schedule 138](#_Toc256000221)

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

[3.8.22 Rebidding 141](#_Toc256000223)

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

[3.8.23 Failure to conform to dispatch instructions 144](#_Toc256000225)

[3.8.24 Scheduling errors 146](#_Toc256000226)

[3.9 Price Determination 146](#_Toc256000227)

[3.9.1 Principles applicable to spot price determination 146](#_Toc256000228)

[3.9.2 Determination of spot prices 148](#_Toc256000229)

[3.9.2A Determination of ancillary services prices 149](#_Toc256000230)

[3.9.2B Pricing where AEMO determines a manifestly incorrect input 150](#_Toc256000231)

[3.9.3 Pricing in the event of intervention by AEMO 151](#_Toc256000232)

[3.9.3A Reliability standard and settings review 153](#_Toc256000233)

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

[3.9.3C Reliability standard 155](#_Toc256000235)

[3.9.3D Implementation of the reliability standard 156](#_Toc256000236)

[3.9.4 Market Price Cap 156](#_Toc256000237)

[3.9.5 Application of the Market Price Cap 157](#_Toc256000238)

[3.9.6 Market Floor Price 158](#_Toc256000239)

[3.9.6A Application of the Market Floor Price 158](#_Toc256000240)

[3.9.7 Pricing for constrained-on scheduled generating units 158](#_Toc256000241)

[3.10 [Deleted] 159](#_Toc256000242)

[3.11 Ancillary Services 159](#_Toc256000243)

[3.11.1 Introduction 159](#_Toc256000244)

[3.11.2 Market ancillary services 160](#_Toc256000245)

[3.11.2A AER reporting on market ancillary services markets 161](#_Toc256000246)

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

[3.11.4 Guidelines and objectives for acquisition of network support and control ancillary services 162](#_Toc256000248)

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

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

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

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

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

[3.11.10 Reporting 168](#_Toc256000254)

[3.12 Market Intervention by AEMO 168](#_Toc256000255)

[3.12.1 Intervention settlement timetable 168](#_Toc256000256)

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

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

[3.12A Mandatory restrictions 175](#_Toc256000259)

[3.12A.1 Restriction offers 175](#_Toc256000260)

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

[3.12A.3 Acquisition of capacity 177](#_Toc256000262)

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

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

[3.12A.6 Pricing during a restriction price trading interval 178](#_Toc256000265)

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

[3.12A.8 Cancellation of a mandatory restriction period 183](#_Toc256000267)

[3.12A.9 Review by AEMC 183](#_Toc256000268)

[3.13 Market Information 184](#_Toc256000269)

[3.13.1 Provision of information 184](#_Toc256000270)

[3.13.2 Systems and procedures 184](#_Toc256000271)

[3.13.3 Standing data 185](#_Toc256000272)

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

[3.13.3A Statement of opportunities 191](#_Toc256000274)

[3.13.4 Spot market 193](#_Toc256000275)

[3.13.4A Market ancillary services 197](#_Toc256000276)

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

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

[3.13.6 [Deleted] 198](#_Toc256000279)

[3.13.6A Report by AEMO 198](#_Toc256000280)

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

[3.13.8 Public information 200](#_Toc256000282)

[3.13.9 [Deleted] 201](#_Toc256000283)

[3.13.10 Market auditor 201](#_Toc256000284)

[3.13.11 [Deleted] 201](#_Toc256000285)

[3.13.12 NMI Standing Data 201](#_Toc256000286)

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

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

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

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

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

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

[3.14.3 Conditions for suspension of the spot market 211](#_Toc256000293)

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

[3.14.5 Pricing during market suspension 213](#_Toc256000295)

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

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

[3.14.6 Compensation due to the application of an administered price cap or administered floor price 219](#_Toc256000298)

[3.15 Settlements 224](#_Toc256000299)

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

[3.15.2 Electronic funds transfer 224](#_Toc256000301)

[3.15.3 Connection point and virtual transmission node responsibility 224](#_Toc256000302)

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

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

[3.15.5A Adjusted energy - virtual transmission nodes 225](#_Toc256000305)

[3.15.6 Spot market transactions 226](#_Toc256000306)

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

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

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

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

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

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

[3.15.9 Reserve settlements 251](#_Toc256000313)

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

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

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

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

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

[3.15.11 Reallocation transactions 263](#_Toc256000319)

[3.15.11A Reallocation procedures 265](#_Toc256000320)

[3.15.12 Settlement amount 265](#_Toc256000321)

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

[3.15.14 Preliminary statements 266](#_Toc256000323)

[3.15.15 Final statements 266](#_Toc256000324)

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

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

[3.15.17 Payment to market participants 267](#_Toc256000327)

[3.15.18 Disputes 267](#_Toc256000328)

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

[3.15.20 Payment of adjustments 270](#_Toc256000330)

[3.15.21 Default procedure 270](#_Toc256000331)

[3.15.22 Maximum total payment in respect of a billing period 274](#_Toc256000332)

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

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

[3.15.25 Interest on overdue amounts 277](#_Toc256000335)

[3.16 Participant compensation fund 277](#_Toc256000336)

[3.16.1 Establishment of Participant compensation fund 277](#_Toc256000337)

[3.16.2 Dispute resolution panel to determine compensation 278](#_Toc256000338)

[3.17 [Deleted] 280](#_Toc256000339)

[3.18 Settlements Residue Auctions 280](#_Toc256000340)

[3.18.1 Settlements residue concepts 280](#_Toc256000341)

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

[3.18.3 Auction rules 282](#_Toc256000343)

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

[3.18.4 Proceeds and fees 283](#_Toc256000345)

[3.18.4A Secondary trading proceeds and margin 284](#_Toc256000346)

[3.18.5 Settlement residue committee 285](#_Toc256000347)

[3.19 Market Management Systems Access Procedures 286](#_Toc256000348)

[3.20 Reliability and Emergency Reserve Trader 287](#_Toc256000349)

[3.20.1 Definitions 287](#_Toc256000350)

[3.20.2 Reliability and emergency reserve trader 287](#_Toc256000351)

[3.20.3 Reserve contracts 288](#_Toc256000352)

[3.20.4 Dispatch pricing methodology for unscheduled reserve contracts 290](#_Toc256000353)

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

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

[3.20.7 AEMO's exercise of the RERT 293](#_Toc256000356)

[3.20.8 RERT Guidelines 295](#_Toc256000357)

[3.20.9 [Deleted] 296](#_Toc256000358)

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

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

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

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

[4.1 Introduction 303](#_Toc256000363)

[4.1.1 Purpose 303](#_Toc256000364)

[4.2 Definitions and Principles 303](#_Toc256000365)

[4.2.1 [Deleted] 303](#_Toc256000366)

[4.2.2 Satisfactory Operating State 303](#_Toc256000367)

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

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

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

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

[4.2.5 Technical envelope 307](#_Toc256000372)

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

[4.2.7 Reliable Operating State 309](#_Toc256000374)

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

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

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

[4.3.2 System security 311](#_Toc256000378)

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

[4.3.4 Network Service Providers 315](#_Toc256000380)

[4.3.5 Market Customer obligations 320](#_Toc256000381)

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

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

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

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

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

[4.4.3 Generator protection requirements 323](#_Toc256000387)

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

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

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

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

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

[4.5.3 Audit and testing 327](#_Toc256000393)

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

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

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

[4.6.3 Audit and testing 328](#_Toc256000397)

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

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

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

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

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

[4.7.2 Audit and testing 331](#_Toc256000403)

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

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

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

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

[4.8.4 Declaration of conditions 332](#_Toc256000408)

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

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

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

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

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

[4.8.6 [Deleted] 335](#_Toc256000414)

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

[4.8.8 [Deleted] 336](#_Toc256000416)

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

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

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

[4.8.11 [Deleted] 338](#_Toc256000420)

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

[4.8.13 [Deleted] 340](#_Toc256000422)

[4.8.14 Power system restoration 340](#_Toc256000423)

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

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

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

[4.9.1 Load forecasting 343](#_Toc256000427)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[4.10.2 Transmission network operations 354](#_Toc256000446)

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

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

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

[4.10.6 Automatic reclose 356](#_Toc256000450)

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

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

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

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

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

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

[4.11.5 Agent communications 360](#_Toc256000457)

[4.12 Nomenclature Standards 361](#_Toc256000458)

[4.13 [Deleted] 362](#_Toc256000459)

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

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

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

[4.16.1 Definitions 367](#_Toc256000463)

[4.16.2 Exclusions 369](#_Toc256000464)

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

[4.16.4 Actual capability 374](#_Toc256000466)

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

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

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

[4.16.8 Prior actions 378](#_Toc256000470)

[4.16.9 Deemed performance standards 379](#_Toc256000471)

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

[4.17 Expert determination 379](#_Toc256000473)

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

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

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

[4.17.4 Other matters 382](#_Toc256000477)

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

[Part A Introduction 387](#_Toc256000479)

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

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

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

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

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

[Part B Reliability Forecasts 391](#_Toc256000485)

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

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

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

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

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

[Part C Reliability Instruments 394](#_Toc256000491)

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

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

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

[4A.C.3 AEMO request for a T-1 reliability instrument 394](#_Toc256000495)

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

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

[4A.C.6 Corrections to a request 395](#_Toc256000498)

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

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

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

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

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

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

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

[Part D Liable Entities 398](#_Toc256000506)

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

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

[4A.D.3 New entrants 398](#_Toc256000509)

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

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

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

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

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

[4A.D.9 AER opt-in register 401](#_Toc256000515)

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

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

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

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

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

[Division 1 Key concepts 404](#_Toc256000521)

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

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

[Division 2 Firmness methodologies 405](#_Toc256000524)

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

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

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

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

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

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

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

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

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

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

[Division 1 Application 410](#_Toc256000535)

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

[Division 2 Key concepts 410](#_Toc256000537)

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

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

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

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

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

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

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

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

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

[Division 5 Miscellaneous 414](#_Toc256000547)

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

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

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

[Division 1 Preliminary 414](#_Toc256000551)

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

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

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

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

[4A.G.4 Trading rights and trading right holders 415](#_Toc256000556)

[Division 3 Trading groups 416](#_Toc256000557)

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

[4A.G.6 Controlling entity 416](#_Toc256000559)

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

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

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

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

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

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

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

[Division 6 Market Generator information 419](#_Toc256000567)

[4A.G.12 MLO register 419](#_Toc256000568)

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

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

[Division 7 Liquidity period 422](#_Toc256000571)

[4A.G.15 Notices prior to a liquidity period 422](#_Toc256000572)

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

[Division 8 Liquidity obligation 423](#_Toc256000574)

[4A.G.17 Liquidity obligation 423](#_Toc256000575)

[4A.G.18 Performing a liquidity obligation 423](#_Toc256000576)

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

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

[4A.G.21 Exemptions 426](#_Toc256000579)

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

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

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

[Division 10 Miscellaneous 429](#_Toc256000583)

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

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

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

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

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

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

[4A.H.4 Participation in the voluntary book build 431](#_Toc256000590)

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

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

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

[Part A Introduction 435](#_Toc256000594)

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

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

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

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

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

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

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

[5.2 Obligations 441](#_Toc256000602)

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

[5.2.2 Connection agreements 441](#_Toc256000604)

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

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

[5.2.4 Obligations of customers 447](#_Toc256000607)

[5.2.5 Obligations of Generators 449](#_Toc256000608)

[5.2.6 Obligations of AEMO 450](#_Toc256000609)

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

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

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

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

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

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

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

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

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

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

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

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

[5.3.1 Process and procedures 462](#_Toc256000622)

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

[5.3.2 Connection enquiry 463](#_Toc256000624)

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

[5.3.4 Application for connection 467](#_Toc256000626)

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

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

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

[5.3.6 Offer to connect 476](#_Toc256000630)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[5.4 Independent Engineer 498](#_Toc256000651)

[5.4.1 Application 498](#_Toc256000652)

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

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

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

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

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

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

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

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

[5.5.1 Application 502](#_Toc256000661)

[5.5.2 Notification of dispute 502](#_Toc256000662)

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

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

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

[5.5.6 Determination of disputes 505](#_Toc256000666)

[5.5.7 Costs of dispute 506](#_Toc256000667)

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

[5.5.9 Miscellaneous 507](#_Toc256000669)

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

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

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

[5.6.1 Application 507](#_Toc256000673)

[5.6.2 Advice of inconsistencies 507](#_Toc256000674)

[5.6.3 Additional information 508](#_Toc256000675)

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

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

[5.7 Inspection and Testing 509](#_Toc256000678)

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

[5.7.2 Right of testing 511](#_Toc256000680)

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

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

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

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

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

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

[5.7.8 Contestable IUSA components 525](#_Toc256000687)

[5.8 Commissioning 525](#_Toc256000688)

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

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

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

[5.8.4 Commissioning program 527](#_Toc256000692)

[5.8.5 Commissioning tests 528](#_Toc256000693)

[5.9 Disconnection and Reconnection 528](#_Toc256000694)

[5.9.1 Voluntary disconnection 528](#_Toc256000695)

[5.9.2 Decommissioning procedures 529](#_Toc256000696)

[5.9.3 Involuntary disconnection 529](#_Toc256000697)

[5.9.4 Direction to disconnect 530](#_Toc256000698)

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

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

[5.9.6 Obligation to reconnect 531](#_Toc256000701)

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

[5.10 Network development generally 532](#_Toc256000703)

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

[5.10.2 Definitions 533](#_Toc256000705)

[5.10.3 Interpretation 537](#_Toc256000706)

[5.11 Forecasts of connection to transmission network and identification of system limitations 537](#_Toc256000707)

[5.11.1 Forecasts for connection to transmission network 537](#_Toc256000708)

[5.11.2 Identification of network limitations 537](#_Toc256000709)

[5.12 Transmission annual planning process 538](#_Toc256000710)

[5.12.1 Transmission annual planning review 538](#_Toc256000711)

[5.12.2 Transmission Annual Planning Report 538](#_Toc256000712)

[5.13 Distribution annual planning process 542](#_Toc256000713)

[5.13.1 Distribution annual planning review 542](#_Toc256000714)

[5.13.2 Distribution Annual Planning Report 544](#_Toc256000715)

[5.13.3 Distribution system limitation template 545](#_Toc256000716)

[5.13A Distribution zone substation information 546](#_Toc256000717)

[5.14 Joint planning 548](#_Toc256000718)

[5.14.1 Joint planning obligations of Transmission Network Service Providers and Distribution Network Service Providers 548](#_Toc256000719)

[5.14.2 Joint planning obligations of Distribution Network Service Providers and Distribution Network Service Providers 549](#_Toc256000720)

[5.14.3 Joint planning obligations of Transmission Network Service Providers 550](#_Toc256000721)

[5.14A Joint planning in relation to retirement or de-ratings of network assets forming part of the Declared Shared Network 550](#_Toc256000722)

[5.14B TAPR Guidelines 550](#_Toc256000723)

[5.14B.1 Development of TAPR Guidelines 550](#_Toc256000724)

[5.15 Regulatory investment tests generally 550](#_Toc256000725)

[5.15.1 Interested parties 550](#_Toc256000726)

[5.15.2 Identification of a credible option 551](#_Toc256000727)

[5.15.3 Review of costs thresholds 552](#_Toc256000728)

[5.15.4 Costs determinations 554](#_Toc256000729)

[5.16 Regulatory investment test for transmission 554](#_Toc256000730)

[5.16.1 Principles 554](#_Toc256000731)

[5.16.2 Regulatory investment test for transmission application guidelines 557](#_Toc256000732)

[5.16.3 Investments subject to the regulatory investment test for transmission 558](#_Toc256000733)

[5.16.4 Regulatory investment test for transmission procedures 560](#_Toc256000734)

[5.16.5 Disputes in relation to application of regulatory investment test for transmission 567](#_Toc256000735)

[5.16.6 Determination that preferred option satisfies the regulatory investment test for transmission 569](#_Toc256000736)

[5.17 Regulatory investment test for distribution 569](#_Toc256000737)

[5.17.1 Principles 569](#_Toc256000738)

[5.17.2 Regulatory investment test for distribution application guidelines 571](#_Toc256000739)

[5.17.3 Projects subject to the regulatory investment test for distribution 573](#_Toc256000740)

[5.17.4 Regulatory investment test for distribution procedures 574](#_Toc256000741)

[5.17.5 Disputes in relation to application of regulatory investment test for distribution 579](#_Toc256000742)

[5.18 Construction of funded augmentations 581](#_Toc256000743)

[5.18A Large generator connections 581](#_Toc256000744)

[5.18A.1 Definitions 581](#_Toc256000745)

[5.18A.2 Register of large generator connections 582](#_Toc256000746)

[5.18A.3 Impact assessment of large generator connections 583](#_Toc256000747)

[5.18B Completed embedded generation projects 583](#_Toc256000748)

[5.18B.1 Definitions 583](#_Toc256000749)

[5.18B.2 Register of completed embedded generation projects 584](#_Toc256000750)

[5.19 SENE Design and Costing Study 584](#_Toc256000751)

[5.19.1 Definitions 584](#_Toc256000752)

[5.19.2 Interpretation 585](#_Toc256000753)

[5.19.3 Request for SENE Design and Costing Study 585](#_Toc256000754)

[5.19.4 Content of SENE Design and Costing Study 586](#_Toc256000755)

[5.19.5 Co-operation of other Network Service Providers 587](#_Toc256000756)

[5.19.6 Publication of SENE Design and Costing Study report 588](#_Toc256000757)

[5.19.7 Provision and use of information 588](#_Toc256000758)

[5.20 National transmission planning 589](#_Toc256000759)

[5.20.1 Preliminary consultation 589](#_Toc256000760)

[5.20.2 Publication of NTNDP 589](#_Toc256000761)

[5.20.3 Development strategies for national transmission flow paths 592](#_Toc256000762)

[5.20.4 NTNDP database 592](#_Toc256000763)

[5.20.5 Jurisdictional planning bodies and jurisdictional planning representatives 593](#_Toc256000764)

[5.20.6 NTP Functions 593](#_Toc256000765)

[5.20.7 Inertia and system strength requirements methodologies 594](#_Toc256000766)

[5.20A Frequency management planning 595](#_Toc256000767)

[5.20A.1 Power system frequency risk review 595](#_Toc256000768)

[5.20A.2 Power system frequency risk review process 596](#_Toc256000769)

[5.20A.3 Power system frequency risk review report 596](#_Toc256000770)

[5.20A.4 Request for protected event declaration 597](#_Toc256000771)

[5.20A.5 Request to revoke a protected event declaration 597](#_Toc256000772)

[5.20B Inertia sub-networks and requirements 598](#_Toc256000773)

[5.20B.1 Boundaries of inertia sub-networks 598](#_Toc256000774)

[5.20B.2 Inertia requirements 598](#_Toc256000775)

[5.20B.3 Inertia shortfalls 599](#_Toc256000776)

[5.20B.4 Inertia Service Provider to make available inertia services 600](#_Toc256000777)

[5.20B.5 Inertia support activities 602](#_Toc256000778)

[5.20B.6 Inertia network services information and approvals 603](#_Toc256000779)

[5.20C System strength requirements 605](#_Toc256000780)

[5.20C.1 System strength requirements 605](#_Toc256000781)

[5.20C.2 Fault level shortfalls 605](#_Toc256000782)

[5.20C.3 System Strength Service Provider to make available system strength services 606](#_Toc256000783)

[5.20C.4 System strength services information and approvals 608](#_Toc256000784)

[5.21 AEMO's obligation to publish information and guidelines and provide advice 610](#_Toc256000785)

[5.22 Last resort planning power 611](#_Toc256000786)

[Schedule 5.1a System standards 614](#_Toc256000787)

[S5.1a.1 Purpose 614](#_Toc256000788)

[S5.1a.2 Frequency 615](#_Toc256000789)

[S5.1a.3 System stability 615](#_Toc256000790)

[S5.1a.4 Power frequency voltage 615](#_Toc256000791)

[S5.1a.5 Voltage fluctuations 616](#_Toc256000792)

[S5.1a.6 Voltage waveform distortion 616](#_Toc256000793)

[S5.1a.7 Voltage unbalance 617](#_Toc256000794)

[S5.1a.8 Fault clearance times 618](#_Toc256000795)

[Schedule 5.1 Network Performance Requirements to be Provided or Co-ordinated by Network Service Providers 619](#_Toc256000796)

[S5.1.1 Introduction 619](#_Toc256000797)

[S5.1.2 Network reliability 620](#_Toc256000798)

[S5.1.2.1 Credible contingency events 620](#_Toc256000799)

[S5.1.2.2 Network service within a region 621](#_Toc256000800)

[S5.1.2.3 Network service between regions 622](#_Toc256000801)

[S5.1.3 Frequency variations 622](#_Toc256000802)

[S5.1.4 Magnitude of power frequency voltage 622](#_Toc256000803)

[S5.1.5 Voltage fluctuations 623](#_Toc256000804)

[S5.1.6 Voltage harmonic or voltage notching distortion 624](#_Toc256000805)

[S5.1.7 Voltage unbalance 625](#_Toc256000806)

[S5.1.8 Stability 626](#_Toc256000807)

[S5.1.9 Protection systems and fault clearance times 627](#_Toc256000808)

[S5.1.10 Load, generation and network control facilities 630](#_Toc256000809)

[S5.1.10.1 General 630](#_Toc256000810)

[S5.1.10.1a Emergency frequency control schemes 631](#_Toc256000811)

[S5.1.10.2 Distribution Network Service Providers 632](#_Toc256000812)

[S5.1.10.3 Transmission Network Service Providers 632](#_Toc256000813)

[S5.1.11 Automatic reclosure of transmission or distribution lines 633](#_Toc256000814)

[S5.1.12 Rating of transmission lines and equipment 633](#_Toc256000815)

[S5.1.13 Information to be provided 634](#_Toc256000816)

[Schedule 5.2 Conditions for Connection of Generators 634](#_Toc256000817)

[S5.2.1 Outline of requirements 634](#_Toc256000818)

[S5.2.2 Application of Settings 635](#_Toc256000819)

[S5.2.3 Technical matters to be coordinated 635](#_Toc256000820)

[S5.2.4 Provision of information 636](#_Toc256000821)

[S5.2.5 Technical requirements 639](#_Toc256000822)

[S5.2.5.1 Reactive power capability 639](#_Toc256000823)

[S5.2.5.2 Quality of electricity generated 640](#_Toc256000824)

[S5.2.5.3 Generating system response to frequency disturbances 641](#_Toc256000825)

[S5.2.5.4 Generating system response to voltage disturbances 644](#_Toc256000826)

[S5.2.5.5 Generating system response to disturbances following contingency events 646](#_Toc256000827)

[S5.2.5.6 Quality of electricity generated and continuous uninterrupted operation 654](#_Toc256000828)

[S5.2.5.7 Partial load rejection 654](#_Toc256000829)

[S5.2.5.8 Protection of generating systems from power system disturbances 654](#_Toc256000830)

[S5.2.5.9 Protection systems that impact on power system security 656](#_Toc256000831)

[S5.2.5.10 Protection to trip plant for unstable operation 657](#_Toc256000832)

[S5.2.5.11 Frequency control 658](#_Toc256000833)

[S5.2.5.12 Impact on network capability 661](#_Toc256000834)

[S5.2.5.13 Voltage and reactive power control 662](#_Toc256000835)

[S5.2.5.14 Active power control 669](#_Toc256000836)

[S5.2.6 Monitoring and control requirements 671](#_Toc256000837)

[S5.2.6.1 Remote Monitoring 671](#_Toc256000838)

[S5.2.6.2 Communications equipment 673](#_Toc256000839)

[S5.2.7 Power station auxiliary supplies 674](#_Toc256000840)

[S5.2.8 Fault current 674](#_Toc256000841)

[Schedule 5.3 Conditions for Connection of Customers 676](#_Toc256000842)

[S5.3.1a Introduction to the schedule 676](#_Toc256000843)

[S5.3.1 Information 677](#_Toc256000844)

[S5.3.2 Design standards 678](#_Toc256000845)

[S5.3.3 Protection systems and settings 679](#_Toc256000846)

[S5.3.4 Settings of protection and control systems 680](#_Toc256000847)

[S5.3.5 Power factor requirements 681](#_Toc256000848)

[S5.3.6 Balancing of load currents 681](#_Toc256000849)

[S5.3.7 Voltage fluctuations 682](#_Toc256000850)

[S5.3.8 Harmonics and voltage notching 682](#_Toc256000851)

[S5.3.9 Design requirements for Network Users' substations 683](#_Toc256000852)

[S5.3.10 Load shedding facilities 683](#_Toc256000853)

[Schedule 5.3a Conditions for connection of Market Network Services 684](#_Toc256000854)

[S5.3a.1a Introduction to the schedule 684](#_Toc256000855)

[S5.3a.1 Provision of Information 685](#_Toc256000856)

[S5.3a.2 Application of settings 686](#_Toc256000857)

[S5.3a.3 Technical matters to be co-ordinated 687](#_Toc256000858)

[S5.3a.4 Monitoring and control requirements 688](#_Toc256000859)

[S5.3a.4.1 Remote Monitoring 688](#_Toc256000860)

[S5.3a.4.2 [Deleted] 688](#_Toc256000861)

[S5.3a.4.3 Communications equipment 688](#_Toc256000862)

[S5.3a.5 Design standards 689](#_Toc256000863)

[S5.3a.6 Protection systems and settings 689](#_Toc256000864)

[S5.3a.7 [Deleted] 691](#_Toc256000865)

[S5.3a.8 Reactive power capability 691](#_Toc256000866)

[S5.3a.9 Balancing of load currents 691](#_Toc256000867)

[S5.3a.10 Voltage fluctuations 692](#_Toc256000868)

[S5.3a.11 Harmonics and voltage notching 692](#_Toc256000869)

[S5.3a.12 Design requirements for Market Network Service Providers' substations 692](#_Toc256000870)

[S5.3a.13 Market network service response to disturbances in the power system 693](#_Toc256000871)

[S5.3a.14 Protection of market network services from power system disturbances 693](#_Toc256000872)

[Schedule 5.4 Information to be Provided with Preliminary Enquiry 694](#_Toc256000873)

[Schedule 5.4A Preliminary Response 695](#_Toc256000874)

[Schedule 5.4B Detailed Response to Enquiry 697](#_Toc256000875)

[Schedule 5.5 Technical Details to Support Application for Connection and Connection Agreement 699](#_Toc256000876)

[S5.5.1 Introduction to the schedule 699](#_Toc256000877)

[S5.5.2 Categories of data 699](#_Toc256000878)

[S5.5.3 Review, change and supply of data 700](#_Toc256000879)

[S5.5.4 Data Requirements 700](#_Toc256000880)

[S5.5.5 Asynchronous generating unit data 701](#_Toc256000881)

[S5.5.6 Generating units smaller than 30MW data 701](#_Toc256000882)

[S5.5.7 Power System Design Data Sheet, Power System Setting Data Sheet and Power System Model Guidelines 701](#_Toc256000883)

[Schedule 5.5.1 [Deleted] 704](#_Toc256000884)

[Schedule 5.5.2 [Deleted] 704](#_Toc256000885)

[Schedule 5.5.3 Network and plant technical data of equipment at or near connection point 704](#_Toc256000886)

[Schedule 5.5.4 Network Plant and Apparatus Setting Data 707](#_Toc256000887)

[Schedule 5.5.5 Load Characteristics at Connection Point 709](#_Toc256000888)

[Schedule 5.6 Terms and Conditions of Connection agreements and network operating agreements 710](#_Toc256000889)

[Part A Connection agreements 710](#_Toc256000890)

[Part B Network Operating Agreements 711](#_Toc256000891)

[Schedule 5.7 Annual Forecast Information for Planning Purposes 712](#_Toc256000892)

[Schedule 5.8 Distribution Annual Planning Report 714](#_Toc256000893)

[Schedule 5.9 Demand side engagement document (clause 5.13.1(h)) 720](#_Toc256000894)

[Schedule 5.10 Information requirements for Primary Transmission Network Service Providers (clause 5.2A.5) 721](#_Toc256000895)

[Schedule 5.11 Negotiating principles for negotiated transmission services (clause 5.2A.6) 725](#_Toc256000896)

[Schedule 5.12 Negotiating principles for large DCA services 726](#_Toc256000897)

[5A. Electricity connection for retail customers 731](#_Toc256000898)

[Part A Preliminary 731](#_Toc256000899)

[5A.A.1 Definitions 731](#_Toc256000900)

[5A.A.2 Application of this Chapter 734](#_Toc256000901)

[5A.A.3 Small Generation Aggregator deemed to be agent of a retail customer 734](#_Toc256000902)

[Part B Standardised offers to provide basic and standard connection services 735](#_Toc256000903)

[Division 1 Basic connection services 735](#_Toc256000904)

[5A.B.1 Obligation to have model standing offer to provide basic connection services 735](#_Toc256000905)

[5A.B.2 Proposed model standing offer for basic connection services 735](#_Toc256000906)

[5A.B.3 Approval of terms and conditions of model standing offer to provide basic connection services 736](#_Toc256000907)

[Division 2 Standard connection services 737](#_Toc256000908)

[5A.B.4 Standard connection services 737](#_Toc256000909)

[5A.B.5 Approval of model standing offer to provide standard connection services 738](#_Toc256000910)

[Division 3 Miscellaneous 738](#_Toc256000911)

[5A.B.6 Amendment etc of model standing offer 738](#_Toc256000912)

[5A.B.7 Publication of model standing offers 739](#_Toc256000913)

[Part C Negotiated connection 739](#_Toc256000914)

[5A.C.1 Negotiation of connection 739](#_Toc256000915)

[5A.C.2 Process of negotiation 740](#_Toc256000916)

[5A.C.3 Negotiation framework 740](#_Toc256000917)

[5A.C.4 Fee to cover cost of negotiation 742](#_Toc256000918)

[Part D Application for connection service 742](#_Toc256000919)

[Division 1 Information 742](#_Toc256000920)

[5A.D.1 Publication of information 742](#_Toc256000921)

[5A.D.1A Register of completed embedded generation projects 743](#_Toc256000922)

[Division 2 Preliminary enquiry 744](#_Toc256000923)

[5A.D.2 Preliminary enquiry 744](#_Toc256000924)

[Division 3 Applications 745](#_Toc256000925)

[5A.D.3 Application process 745](#_Toc256000926)

[5A.D.4 Site inspection 746](#_Toc256000927)

[Part E Connection charges 746](#_Toc256000928)

[5A.E.1 Connection charge principles 746](#_Toc256000929)

[5A.E.2 Itemised statement of connection charges 748](#_Toc256000930)

[5A.E.3 Connection charge guidelines 748](#_Toc256000931)

[5A.E.4 Payment of connection charges 750](#_Toc256000932)

[Part F Formation and integration of connection contracts 750](#_Toc256000933)

[Division 1 Offer and acceptance – basic and standard connection services 750](#_Toc256000934)

[5A.F.1 Distribution Network Service Provider's response to application 750](#_Toc256000935)

[5A.F.2 Acceptance of connection offer 751](#_Toc256000936)

[5A.F.3 Offer and acceptance—application for expedited connection 751](#_Toc256000937)

[Division 2 Offer and acceptance – negotiated connection 751](#_Toc256000938)

[5A.F.4 Negotiated connection offer 751](#_Toc256000939)

[Division 3 Formation of contract 752](#_Toc256000940)

[5A.F.5 Acceptance of connection offer 752](#_Toc256000941)

[Division 4 Contractual performance 752](#_Toc256000942)

[5A.F.6 Carrying out connection work 752](#_Toc256000943)

[5A.F.7 Retailer required for energisation where new connection 753](#_Toc256000944)

[Part G Dispute resolution between Distribution Network Service Providers and customers 753](#_Toc256000945)

[5A.G.1 Relevant disputes 753](#_Toc256000946)

[5A.G.2 Determination of dispute 753](#_Toc256000947)

[5A.G.3 Termination of proceedings 754](#_Toc256000948)

[SCHEDULE 5A.1 – Minimum content requirements for connection contract 754](#_Toc256000949)

[Part A Connection offer not involving embedded generation 754](#_Toc256000950)

[Part B Connection offer involving embedded generation 755](#_Toc256000951)

[6. Economic Regulation of Distribution Services 759](#_Toc256000952)

[Part A Introduction 759](#_Toc256000953)

[6.1 Introduction to Chapter 6 759](#_Toc256000954)

[6.1.1 AER's regulatory responsibility 759](#_Toc256000955)

[6.1.1A [Deleted] 759](#_Toc256000956)

[6.1.2 Structure of this Chapter 759](#_Toc256000957)

[6.1.3 Access to direct control services and negotiated distribution services 760](#_Toc256000958)

[6.1.4 Prohibition of DUOS charges for the export of energy 760](#_Toc256000959)

[Part B Classification of Distribution Services and Distribution Determinations 760](#_Toc256000960)

[6.2 Classification 760](#_Toc256000961)

[6.2.1 Classification of distribution services 760](#_Toc256000962)

[6.2.2 Classification of direct control services as standard control services or alternative control services 761](#_Toc256000963)

[6.2.3 Term for which classification operates 762](#_Toc256000964)

[6.2.3A Distribution Service Classification Guidelines 762](#_Toc256000965)

[6.2.4 Duty of AER to make distribution determinations 763](#_Toc256000966)

[6.2.5 Control mechanisms for direct control services 763](#_Toc256000967)

[6.2.6 Basis of control mechanisms for direct control services 764](#_Toc256000968)

[6.2.7 Negotiated distribution services 764](#_Toc256000969)

[6.2.8 Guidelines 764](#_Toc256000970)

[Part C Building Block Determinations for standard control services 765](#_Toc256000971)

[6.3 Building block determinations 765](#_Toc256000972)

[6.3.1 Introduction 765](#_Toc256000973)

[6.3.2 Contents of building block determination 765](#_Toc256000974)

[6.4 Post-tax revenue model 766](#_Toc256000975)

[6.4.1 Preparation, publication and amendment of post-tax revenue model 766](#_Toc256000976)

[6.4.2 Contents of post-tax revenue model 766](#_Toc256000977)

[6.4.3 Building block approach 766](#_Toc256000978)

[6.4.4 Shared assets 768](#_Toc256000979)

[6.4.5 Expenditure Forecast Assessment Guidelines 769](#_Toc256000980)

[6.4A Capital expenditure incentive mechanisms 769](#_Toc256000981)

[6.4B Asset exemptions 770](#_Toc256000982)

[6.4B.1 Asset exemption decisions and Asset Exemption Guidelines 770](#_Toc256000983)

[6.4B.2 Exemption applications 771](#_Toc256000984)

[6.5 Matters relevant to the making of building block determinations 771](#_Toc256000985)

[6.5.1 Regulatory asset base 771](#_Toc256000986)

[6.5.2 Return on capital 772](#_Toc256000987)

[6.5.3 Estimated cost of corporate income tax 773](#_Toc256000988)

[6.5.4 [Deleted] 773](#_Toc256000989)

[6.5.5 Depreciation 773](#_Toc256000990)

[6.5.6 Forecast operating expenditure 774](#_Toc256000991)

[6.5.7 Forecast capital expenditure 776](#_Toc256000992)

[6.5.8 Efficiency benefit sharing scheme 780](#_Toc256000993)

[6.5.8A Capital expenditure sharing scheme 781](#_Toc256000994)

[6.5.9 The X factor 782](#_Toc256000995)

[6.5.10 Pass through events 783](#_Toc256000996)

[6.6 Adjustments after making of building block determination. 783](#_Toc256000997)

[6.6.1 Cost pass through 783](#_Toc256000998)

[6.6.1A Reporting on jurisdictional schemes 790](#_Toc256000999)

[6.6.2 Service target performance incentive scheme 791](#_Toc256001000)

[6.6.3 Demand management incentive scheme 792](#_Toc256001001)

[6.6.3A Demand management innovation allowance mechanism 793](#_Toc256001002)

[6.6.4 Small-scale incentive scheme 794](#_Toc256001003)

[6.6.5 Reopening of distribution determination for capital expenditure 795](#_Toc256001004)

[6.6A Contingent Projects 798](#_Toc256001005)

[6.6A.1 Acceptance of a contingent project in a distribution determination 798](#_Toc256001006)

[6.6A.2 Amendment of distribution determination for contingent project 800](#_Toc256001007)

[Part D Negotiated distribution services 805](#_Toc256001008)

[6.7 Negotiated distribution services 805](#_Toc256001009)

[6.7.1 Principles relating to access to negotiated distribution services 805](#_Toc256001010)

[6.7.2 Determination of terms and conditions of access for negotiated distribution services 806](#_Toc256001011)

[6.7.3 Negotiating framework determination 807](#_Toc256001012)

[6.7.4 Negotiated Distribution Service Criteria determination 807](#_Toc256001013)

[6.7.5 Preparation of and requirements for negotiating framework for negotiated distribution services 808](#_Toc256001014)

[6.7.6 Confidential information 810](#_Toc256001015)

[Part DA Connection policies 810](#_Toc256001016)

[6.7A Connection policy requirements 810](#_Toc256001017)

[6.7A.1 Preparation of, and requirements for, connection policy 810](#_Toc256001018)

[Part E Regulatory proposal and proposed tariff structure statement 811](#_Toc256001019)

[6.8 Regulatory proposal and proposed tariff structure statement 811](#_Toc256001020)

[6.8.1 AER's framework and approach paper 811](#_Toc256001021)

[6.8.1A Notification of approach to forecasting expenditure 813](#_Toc256001022)

[6.8.2 Submission of regulatory proposal, tariff structure statement and exemption application 814](#_Toc256001023)

[6.9 Preliminary examination and consultation 816](#_Toc256001024)

[6.9.1 Preliminary examination 816](#_Toc256001025)

[6.9.2 Resubmission of proposal 816](#_Toc256001026)

[6.9.2A Confidential information 816](#_Toc256001027)

[6.9.3 Consultation 817](#_Toc256001028)

[6.10 Draft distribution determination and further consultation 818](#_Toc256001029)

[6.10.1 Making of draft distribution determination 818](#_Toc256001030)

[6.10.2 Publication of draft determination and consultation 818](#_Toc256001031)

[6.10.3 Submission of revised proposal 819](#_Toc256001032)

[6.10.4 Submissions on specified matters 819](#_Toc256001033)

[6.11 Distribution determination 820](#_Toc256001034)

[6.11.1 Making of distribution determination 820](#_Toc256001035)

[6.11.1A Out of scope revised regulatory proposal or late submissions 820](#_Toc256001036)

[6.11.2 Notice of distribution determination 821](#_Toc256001037)

[6.11.3 Commencement of distribution determination 821](#_Toc256001038)

[6.12 Requirements relating to draft and final distribution determinations 821](#_Toc256001039)

[6.12.1 Constituent decisions 821](#_Toc256001040)

[6.12.2 Reasons for decisions 825](#_Toc256001041)

[6.12.3 Extent of AER's discretion in making distribution determinations 825](#_Toc256001042)

[6.13 Revocation and substitution of distribution determination for wrong information or error 827](#_Toc256001043)

[6.14 Miscellaneous 827](#_Toc256001044)

[6.14A Distribution Confidentiality Guidelines 828](#_Toc256001045)

[Part F Cost Allocation 828](#_Toc256001046)

[6.15 Cost allocation 828](#_Toc256001047)

[6.15.1 Duty to comply with Cost Allocation Method 828](#_Toc256001048)

[6.15.2 Cost Allocation Principles 828](#_Toc256001049)

[6.15.3 Cost Allocation Guidelines 829](#_Toc256001050)

[6.15.4 Cost Allocation Method 830](#_Toc256001051)

[Part G Distribution consultation procedures 831](#_Toc256001052)

[6.16 Distribution consultation procedures 831](#_Toc256001053)

[Part H Ring-Fencing Arrangements for Distribution Network Service Providers 832](#_Toc256001054)

[6.17 Distribution Ring-Fencing Guidelines 832](#_Toc256001055)

[6.17.1 Compliance with Distribution Ring-Fencing Guidelines 832](#_Toc256001056)

[6.17.2 Development of Distribution Ring-Fencing Guidelines 832](#_Toc256001057)

[Part I Distribution Pricing Rules 833](#_Toc256001058)

[6.18 Distribution Pricing Rules 833](#_Toc256001059)

[6.18.1 Application of this Part 833](#_Toc256001060)

[6.18.1A Tariff structure statement 833](#_Toc256001061)

[6.18.1B Amending a tariff structure statement with the AER's approval 834](#_Toc256001062)

[6.18.1C Sub-threshold tariffs 836](#_Toc256001063)

[6.18.2 Pricing proposals 836](#_Toc256001064)

[6.18.3 Tariff classes 838](#_Toc256001065)

[6.18.4 Principles governing assignment or re-assignment of retail customers to tariff classes and assessment and review of basis of charging 838](#_Toc256001066)

[6.18.5 Pricing principles 839](#_Toc256001067)

[6.18.6 Side constraints on tariffs for standard control services 841](#_Toc256001068)

[6.18.7 Recovery of designated pricing proposal charges 841](#_Toc256001069)

[6.18.7A Recovery of jurisdictional scheme amounts 842](#_Toc256001070)

[6.18.8 Approval of pricing proposal 845](#_Toc256001071)

[6.18.9 Publication of information about tariffs and tariff classes 846](#_Toc256001072)

[6.19. Data Required for Distribution Service Pricing 847](#_Toc256001073)

[6.19.1 Forecast use of networks by Distribution Customers and Embedded Generators 847](#_Toc256001074)

[6.19.2 Confidentiality of distribution network pricing information 847](#_Toc256001075)

[Part J Billing and Settlements 847](#_Toc256001076)

[6.20 Billing and Settlements Process 847](#_Toc256001077)

[6.20.1 Billing for distribution services 847](#_Toc256001078)

[6.20.2 Minimum information to be provided in distribution network service bills 849](#_Toc256001079)

[6.20.3 Settlement between Distribution Network Service Providers 849](#_Toc256001080)

[6.20.4 Obligation to pay 850](#_Toc256001081)

[Part K Prudential requirements, capital contributions and prepayments 850](#_Toc256001082)

[6.21 Distribution Network Service Provider Prudential Requirements 850](#_Toc256001083)

[6.21.1 Prudential requirements for distribution network service 850](#_Toc256001084)

[6.21.2 Capital contributions, prepayments and financial guarantees 851](#_Toc256001085)

[6.21.3 Treatment of past prepayments and capital contributions 851](#_Toc256001086)

[Part L Dispute resolution 851](#_Toc256001087)

[6.22 Dispute Resolution 851](#_Toc256001088)

[6.22.1 Dispute Resolution by the AER 851](#_Toc256001089)

[6.22.2 Determination of dispute 852](#_Toc256001090)

[6.22.3 Termination of access dispute without access determination 853](#_Toc256001091)

[Part M Separate disclosure of transmission and distribution charges 853](#_Toc256001092)

[6.23 Separate disclosure of transmission and distribution charges 853](#_Toc256001093)

[Part N Dual Function Assets 854](#_Toc256001094)

[6.24 Dual Function Assets 854](#_Toc256001095)

[6.24.1 Application of this Part 854](#_Toc256001096)

[6.24.2 Dual Function Assets 854](#_Toc256001097)

[6.25 AER determination of applicable pricing regime for Dual Function Assets 855](#_Toc256001098)

[6.26 Division of Distribution Network Service Provider's revenue 856](#_Toc256001099)

[Part O Annual Benchmarking Report 857](#_Toc256001100)

[6.27 Annual Benchmarking Report 857](#_Toc256001101)

[Part P Distribution Reliability Measures Guidelines 857](#_Toc256001102)

[6.28 Distribution Reliability Measures Guidelines 857](#_Toc256001103)

[Schedule 6.1 Contents of building block proposals 858](#_Toc256001104)

[S6.1.1 Information and matters relating to capital expenditure 858](#_Toc256001105)

[S6.1.2 Information and matters relating to operating expenditure 859](#_Toc256001106)

[S6.1.3 Additional information and matters 859](#_Toc256001107)

[Schedule 6.2 Regulatory Asset Base 862](#_Toc256001108)

[S6.2.1 Establishment of opening regulatory asset base for a regulatory control period 862](#_Toc256001109)

[S6.2.2 Prudency and efficiency of capital expenditure 866](#_Toc256001110)

[S6.2.2A Reduction for inefficient past capital expenditure 867](#_Toc256001111)

[S6.2.2B Depreciation 869](#_Toc256001112)

[S6.2.3 Roll forward of regulatory asset base within the same regulatory control period 869](#_Toc256001113)

[6A. Economic Regulation of Transmission Services 873](#_Toc256001114)

[Part A Introduction 873](#_Toc256001115)

[6A.1 Introduction to Chapter 6A 873](#_Toc256001116)

[6A.1.1 Economic regulation of transmission services generally 873](#_Toc256001117)

[6A.1.2 [Deleted] 874](#_Toc256001118)

[6A.1.3 [Deleted] 874](#_Toc256001119)

[6A.1.4 National regulatory arrangements 874](#_Toc256001120)

[6A.1.5 Application of Chapter 6A to Market Network Service Providers 874](#_Toc256001121)

[6A.1.6 Application of Chapter 6A to AEMO and declared transmission system operators 874](#_Toc256001122)

[Part B Transmission Determinations Generally 875](#_Toc256001123)

[6A.2 Transmission determinations 875](#_Toc256001124)

[6A.2.1 Duty of AER to make transmission determinations 875](#_Toc256001125)

[6A.2.2 Components of transmission determinations 875](#_Toc256001126)

[6A.2.3 Guidelines 875](#_Toc256001127)

[Part C Regulation of Revenue - Prescribed Transmission Services 876](#_Toc256001128)

[6A.3 Allowed revenue from prescribed transmission services 876](#_Toc256001129)

[6A.3.1 Allowed revenue for regulatory year 876](#_Toc256001130)

[6A.3.2 Adjustment of maximum allowed revenue 876](#_Toc256001131)

[6A.4 Revenue determinations 876](#_Toc256001132)

[6A.4.1 Introduction 876](#_Toc256001133)

[6A.4.2 Contents of revenue determination 876](#_Toc256001134)

[6A.5 Post-tax revenue model 877](#_Toc256001135)

[6A.5.1 Introduction 877](#_Toc256001136)

[6A.5.2 Preparation, publication and amendment of post-tax revenue model 878](#_Toc256001137)

[6A.5.3 Contents of post-tax revenue model 878](#_Toc256001138)

[6A.5.4 Building blocks approach 879](#_Toc256001139)

[6A.5.5 Shared assets 880](#_Toc256001140)

[6A.5.6 Expenditure Forecast Assessment Guidelines 881](#_Toc256001141)

[6A.5A Capital expenditure incentive mechanisms 881](#_Toc256001142)

[6A.6 Matters relevant to the making of revenue determinations 882](#_Toc256001143)

[6A.6.1 Regulatory asset base 882](#_Toc256001144)

[6A.6.2 Return on capital 883](#_Toc256001146)

[6A.6.3 Depreciation 883](#_Toc256001147)

[6A.6.4 Estimated cost of corporate income tax 885](#_Toc256001148)

[6A.6.5 Efficiency benefit sharing scheme 885](#_Toc256001149)

[6A.6.5A Capital expenditure sharing scheme 886](#_Toc256001150)

[6A.6.6 Forecast operating expenditure 887](#_Toc256001151)

[6A.6.7 Forecast capital expenditure 890](#_Toc256001152)

[6A.6.8 The X factor 893](#_Toc256001153)

[6A.6.9 Pass through events 894](#_Toc256001154)

[6A.7 Matters relevant to the adjustment of revenue cap after making of revenue determination 894](#_Toc256001155)

[6A.7.1 Reopening of revenue determination for capital expenditure 894](#_Toc256001156)

[6A.7.2 Network support pass through 897](#_Toc256001157)

[6A.7.3 Cost pass through 899](#_Toc256001158)

[6A.7.4 Service target performance incentive scheme 904](#_Toc256001159)

[6A.7.5 Small-scale incentive scheme 905](#_Toc256001160)

[6A.7.6 Demand management innovation allowance mechanism 906](#_Toc256001161)

[6A.8 Contingent Projects 907](#_Toc256001162)

[6A.8.1 Acceptance of a Contingent Project in a revenue determination 907](#_Toc256001163)

[6A.8.2 Amendment of revenue determination for contingent project 909](#_Toc256001164)

[Part D [Deleted] 913](#_Toc256001165)

[Part E Procedure - Revenue determinations and pricing methodologies 913](#_Toc256001166)

[6A.10 Revenue Proposal and proposed pricing methodology 913](#_Toc256001167)

[6A.10.1A AER's framework and approach paper 913](#_Toc256001168)

[6A.10.1B Notification of approach to forecasting expenditure 915](#_Toc256001169)

[6A.10.1 Submission of proposal, pricing methodology and information 915](#_Toc256001170)

[6A.10.2 [Deleted] 916](#_Toc256001171)

[6A.11 Preliminary examination and consultation 916](#_Toc256001172)

[6A.11.1 Preliminary examination and determination of non-compliance with relevant requirements 916](#_Toc256001173)

[6A.11.2 Resubmission of proposal, framework, pricing methodology or information 917](#_Toc256001174)

[6A.11.2A Confidential information 917](#_Toc256001175)

[6A.11.3 Consultation 918](#_Toc256001176)

[6A.12 Draft decision and further consultation 919](#_Toc256001177)

[6A.12.1 Making of draft decision 919](#_Toc256001178)

[6A.12.2 Publication of draft decision and consultation 919](#_Toc256001179)

[6A.12.3 Submission of revised proposal or pricing methodology 920](#_Toc256001180)

[6A.12.4 Submissions on specified matters 921](#_Toc256001181)

[6A.13 Final decision 921](#_Toc256001182)

[6A.13.1 Making of final decision 921](#_Toc256001183)

[6A.13.2 Refusal to approve amounts, values, framework or pricing methodology 921](#_Toc256001184)

[6A.13.2A Out of scope revised documents or late submissions 922](#_Toc256001185)

[6A.13.3 Notice of final decision 923](#_Toc256001186)

[6A.13.4 Making of transmission determination 923](#_Toc256001187)

[6A.14 Requirements relating to draft and final decisions 923](#_Toc256001188)

[6A.14.1 Contents of decisions 923](#_Toc256001189)

[6A.14.2 Reasons for decisions 925](#_Toc256001190)

[6A.14.3 Circumstances in which matters must be approved or accepted 926](#_Toc256001191)

[6A.15 Revocation of revenue determination or amendment of pricing methodology for wrong information or error 928](#_Toc256001192)

[6A.16 Miscellaneous 929](#_Toc256001193)

[6A.16A Transmission Confidentiality Guidelines 929](#_Toc256001194)

[Part F Information Disclosure 930](#_Toc256001195)

[6A.17 Information disclosure by Transmission Network Service Providers 930](#_Toc256001196)

[6A.17.1 Information to be provided to AER 930](#_Toc256001197)

[6A.17.2 Information Guidelines 931](#_Toc256001198)

[6A.18 [Deleted] 932](#_Toc256001199)

[Part G Cost Allocation 932](#_Toc256001200)

[6A.19 Cost allocation 932](#_Toc256001201)

[6A.19.1 Duty to comply with Cost Allocation Methodology 932](#_Toc256001202)

[6A.19.2 Cost Allocation Principles 932](#_Toc256001203)

[6A.19.3 Cost Allocation Guidelines 933](#_Toc256001204)

[6A.19.4 Cost Allocation Methodology 934](#_Toc256001205)

[Part H Transmission Consultation Procedures 935](#_Toc256001206)

[6A.20 Transmission consultation procedures 935](#_Toc256001207)

[Part I Ring-Fencing Arrangements for Transmission Network Service Providers 936](#_Toc256001208)

[6A.21 Transmission Ring-Fencing Guidelines 936](#_Toc256001209)

[6A.21.1 Compliance with Transmission Ring-Fencing Guidelines 936](#_Toc256001210)

[6A.21.2 Development of Transmission Ring-Fencing Guidelines 936](#_Toc256001211)

[Part J Prescribed Transmission Services - Regulation of Pricing 938](#_Toc256001212)

[6A.22 Terms used in Part J 938](#_Toc256001213)

[6A.22.1 Aggregate annual revenue requirement (AARR) 938](#_Toc256001214)

[6A.22.2 Annual service revenue requirement (ASRR) 938](#_Toc256001215)

[6A.22.3 Meaning of attributable cost share 938](#_Toc256001216)

[6A.22.4 Meaning of attributable connection point cost share 938](#_Toc256001217)

[6A.23 Pricing Principles for Prescribed Transmission Services 939](#_Toc256001218)

[6A.23.1 Introduction 939](#_Toc256001219)

[6A.23.2 Principles for the allocation of the aggregate annual revenue requirement 939](#_Toc256001220)

[6A.23.3 Principles for the allocation of the annual service revenue requirement to connection points 940](#_Toc256001221)

[6A.23.4 Principles for the recovery of the Annual Service Revenue Requirement as prices 942](#_Toc256001222)

[6A.24 Pricing methodology 944](#_Toc256001223)

[6A.24.1 Pricing methodologies generally 944](#_Toc256001224)

[6A.24.2 Publication of pricing methodology and transmission network prices 945](#_Toc256001225)

[6A.24.3 Basis for setting prices pending approval of pricing methodology 945](#_Toc256001226)

[6A.24.4 Basis for setting prices pending approval of maximum allowed revenue 946](#_Toc256001227)

[6A.25 Pricing methodology guidelines for prescribed transmission services 947](#_Toc256001228)

[6A.25.1 Making and amending of pricing methodology guidelines 947](#_Toc256001229)

[6A.25.2 Contents of pricing methodology guidelines 947](#_Toc256001230)

[6A.26 Prudent discounts 948](#_Toc256001231)

[6A.26.1 Agreements for prudent discounts for prescribed transmission services 948](#_Toc256001232)

[6A.26.2 Application to AER for approval of proposed prudent discount amounts 950](#_Toc256001233)

[6A.27 Billing Process 951](#_Toc256001234)

[6A.27.1 Billing for prescribed transmission services 951](#_Toc256001235)

[6A.27.1A Billing of modified load export charges 951](#_Toc256001236)

[6A.27.2 Minimum information to be provided in network service bills 951](#_Toc256001237)

[6A.27.3 Obligation to pay charges for prescribed transmission services 952](#_Toc256001238)

[6A.27.4 Payments between Transmission Network Service Providers in the same region 952](#_Toc256001239)

[6A.27.5 Calculation of financial transfers between Transmission Network Service Providers in the same region 952](#_Toc256001240)

[6A.28 Prudential Requirements 953](#_Toc256001241)

[6A.28.1 Prudential Requirements for prescribed transmission services 953](#_Toc256001242)

[6A.28.2 Capital contribution or prepayment for a specific asset 953](#_Toc256001243)

[6A.28.3 Treatment of past capital contributions 953](#_Toc256001244)

[6A.29 Multiple Transmission Network Service Providers 953](#_Toc256001245)

[6A.29.1 Multiple Transmission Network Service Providers within a region 953](#_Toc256001246)

[6A.29.2 Single Transmission Network Service Provider within a region 954](#_Toc256001247)

[6A.29.3 Allocation over several regions 955](#_Toc256001248)

[6A.29A Modified load export charges 955](#_Toc256001249)

[6A.29A.1 Single Transmission Network Service Provider in a Region 955](#_Toc256001250)

[6A.29A.2 Calculation of the modified load export charges 955](#_Toc256001251)

[6A.29A.3 Calculation of adjustments to the modified load export charge 956](#_Toc256001252)

[6A.29A.4 Billing the modified load export charge 956](#_Toc256001253)

[6A.29A.5 Allocation and billing process where multiple Transmission Network Service Providers in a Region 956](#_Toc256001254)

[Part K Commercial arbitration for disputes about terms and conditions of access for prescribed and negotiated transmission services 957](#_Toc256001255)

[[Deleted] 957](#_Toc256001256)

[Part L Annual Benchmarking Report 957](#_Toc256001257)

[6A.31 Annual Benchmarking Report 957](#_Toc256001258)

[Schedule 6A.1 Contents of Revenue Proposals 957](#_Toc256001259)

[S6A.1.1 Information and matters relating to capital expenditure 957](#_Toc256001260)

[S6A.1.2 Information and matters relating to operating expenditure 958](#_Toc256001261)

[S6A.1.3 Additional information and matters 959](#_Toc256001262)

[Schedule 6A.2 Regulatory Asset Base 962](#_Toc256001263)

[S6A.2.1 Establishment of opening regulatory asset base for a regulatory control period 962](#_Toc256001264)

[S6A.2.2 Prudency and efficiency of capital expenditure 966](#_Toc256001265)

[S6A.2.2A Reduction for inefficient past capital expenditure 967](#_Toc256001266)

[S6A.2.2B Depreciation 969](#_Toc256001267)

[S6A.2.3 Removal of assets from regulatory asset base 969](#_Toc256001268)

[S6A.2.4 Roll forward of regulatory asset base within the same regulatory control period 970](#_Toc256001269)

[Schedule 6A.3 CRNP methodology and modified CRNP methodology 971](#_Toc256001270)

[S6A.3.1 Meaning of optimised replacement cost 971](#_Toc256001271)

[S6A.3.2 CRNP methodology 971](#_Toc256001272)

[S6A.3.3 Modified CRNP methodology 972](#_Toc256001273)

[Schedule 6A.4 Application of this Chapter to AEMO and declared transmission system operators 973](#_Toc256001274)

[S6A.4.1 Application of this Chapter to AEMO etc 973](#_Toc256001275)

[S6A.4.2 Exclusions, qualifications and modifications 973](#_Toc256001276)

[6B. Retail markets 983](#_Toc256001277)

[Part A Retail support 983](#_Toc256001278)

[Division 1 Application and definitions 983](#_Toc256001279)

[6B.A1.1 Application of this Part 983](#_Toc256001280)

[6B.A1.2 Definitions 983](#_Toc256001281)

[Division 2 Billing and payment rules 983](#_Toc256001282)

[6B.A2.1 Obligation to pay 983](#_Toc256001283)

[6B.A2.2 Direct customer billing and energy-only contracts 984](#_Toc256001284)

[6B.A2.3 Calculating network charges 984](#_Toc256001285)

[6B.A2.4 Statement of charges 984](#_Toc256001286)

[6B.A2.5 Time and manner of payment 985](#_Toc256001287)

[Division 3 Matters incidental to billing and payment 985](#_Toc256001288)

[6B.A3.1 Adjustment of network charges 985](#_Toc256001289)

[6B.A3.2 Tariff reassignment 985](#_Toc256001290)

[6B.A3.3 Disputed statements of charges 986](#_Toc256001291)

[6B.A3.4 Interest 987](#_Toc256001292)

[6B.A3.5 Notification of changes to charges 987](#_Toc256001293)

[Part B Credit support required for late payment 988](#_Toc256001294)

[Division 1 Application and definitions 988](#_Toc256001295)

[6B.B1.1 Application of Part B 988](#_Toc256001296)

[6B.B1.2 Definitions 988](#_Toc256001297)

[Division 2 Requirements for credit support 988](#_Toc256001298)

[6B.B2.1 Distribution Network Service Provider may require credit support in limited circumstances 988](#_Toc256001299)

[Division 3 Provision of credit support by retailers 989](#_Toc256001300)

[6B.B3.1 Retailer to provide credit support 989](#_Toc256001301)

[6B.B3.2 Acceptable form of credit support 989](#_Toc256001302)

[Division 4 Other Rules relating to credit support 990](#_Toc256001303)

[6B.B4.1 Application of credit support 990](#_Toc256001304)

[6B.B4.2 Return of credit support 990](#_Toc256001305)

[6B.B4.3 Other retailer obligations 990](#_Toc256001306)

[Schedule 6B.1 Prescribed form of unconditional undertaking for credit support 990](#_Toc256001307)

[7. Metering 995](#_Toc256001308)

[Part A Introduction 995](#_Toc256001309)

[7.1 Introduction to the Metering Chapter 995](#_Toc256001310)

[7.1.1 Contents 995](#_Toc256001311)

[Part B Roles and Responsibilities 995](#_Toc256001312)

[7.2 Role and Responsibility of financially responsible Market Participant 995](#_Toc256001313)

[7.2.1 Obligations of financially responsible Market Participants to establish metering installations 995](#_Toc256001314)

[7.2.2 [Not used] 996](#_Toc256001315)

[7.2.3 Agreements with Local Network Service Provider 996](#_Toc256001316)

[7.2.4 [Not used] 996](#_Toc256001317)

[7.2.5 Agreements with Metering Provider 996](#_Toc256001318)

[7.3 Role and Responsibility of Metering Coordinator 996](#_Toc256001319)

[7.3.1 Responsibility of the Metering Coordinator 996](#_Toc256001320)

[7.3.2 Role of the Metering Coordinator 997](#_Toc256001321)

[7.4 Qualification and Registration of Metering Providers, Metering Data Providers and Embedded Network Managers 1000](#_Toc256001322)

[7.4.1 Qualifications and registration of Metering Providers 1000](#_Toc256001323)

[7.4.2 Qualifications and registration of Metering Data Providers 1001](#_Toc256001324)

[7.4.2A Qualifications and registration of Embedded Network Managers 1001](#_Toc256001325)

[7.4.2B List of Embedded Network Managers 1002](#_Toc256001326)

[7.4.3 Nature of appointment of Metering Provider or Metering Data Provider 1002](#_Toc256001327)

[7.4.4 Deregistration of Metering Providers, Metering Data Providers and Embedded Network Managers 1002](#_Toc256001328)

[7.5 Role and Responsibility of AEMO 1004](#_Toc256001329)

[7.5.1 Responsibility of AEMO for the collection, processing and delivery of metering data 1004](#_Toc256001330)

[7.5.2 AEMO's costs in connection with metering installation 1005](#_Toc256001331)

[7.5A Role and Responsibility of Embedded Network Managers 1005](#_Toc256001332)

[7.5A.1 Responsibility of Embedded Network Managers for management services 1005](#_Toc256001333)

[7.5A.2 EN information 1005](#_Toc256001334)

[Part C Appointment of Metering Coordinator 1006](#_Toc256001335)

[7.6 Appointment of Metering Coordinator 1006](#_Toc256001336)

[7.6.1 Commercial nature of the Metering Coordinator appointment and service provision 1006](#_Toc256001337)

[7.6.2 Persons who may appoint Metering Coordinators 1006](#_Toc256001338)

[7.6.3 Appointment with respect to transmission network connection 1007](#_Toc256001339)

[7.6.4 Type 7 metering installations 1007](#_Toc256001340)

[7.7 Metering Coordinator default arrangements 1008](#_Toc256001341)

[7.7.1 Obligations of financially responsible Market Participants on Metering Coordinator default event and end of contract term 1008](#_Toc256001342)

[7.7.2 Notices to be provided by Metering Coordinator 1009](#_Toc256001343)

[7.7.3 AEMO may issue breach notice 1009](#_Toc256001344)

[Part D Metering installation 1010](#_Toc256001345)

[7.8 Metering installation arrangements 1010](#_Toc256001346)

[7.8.1 Metering installation requirements 1010](#_Toc256001347)

[7.8.2 Metering installation components 1011](#_Toc256001348)

[7.8.3 Small customer metering installations 1015](#_Toc256001349)

[7.8.4 Type 4A metering installation 1015](#_Toc256001350)

[7.8.5 Emergency management 1018](#_Toc256001351)

[7.8.6 Network devices 1018](#_Toc256001352)

[7.8.7 Metering point 1021](#_Toc256001353)

[7.8.8 Metering installation types and accuracy 1021](#_Toc256001354)

[7.8.9 Meter churn 1022](#_Toc256001355)

[7.8.10 Metering installation malfunctions 1022](#_Toc256001356)

[7.8.10A Timeframes for meters to be installed – new connection 1024](#_Toc256001357)

[7.8.10B Timeframes for meters to be installed – where a connection service is not required 1025](#_Toc256001358)

[7.8.10C Timeframes for meters to be installed – where a connection alteration is required 1026](#_Toc256001359)

[7.8.11 Changes to metering equipment, parameters and settings within a metering installation 1027](#_Toc256001360)

[7.8.12 Special site or technology related conditions 1028](#_Toc256001361)

[7.8.13 Joint metering installations 1029](#_Toc256001362)

[7.9 Inspection, Testing and Audit of Metering installations 1029](#_Toc256001363)

[7.9.1 Responsibility for testing 1029](#_Toc256001364)

[7.9.2 Actions in event of non-compliance 1031](#_Toc256001365)

[7.9.3 Audits of information held in metering installations 1032](#_Toc256001366)

[7.9.4 Errors found in metering tests, inspections or audits 1032](#_Toc256001367)

[7.9.5 Retention of test records and documents 1033](#_Toc256001368)

[7.9.6 Metering installation registration process 1034](#_Toc256001369)

[Part E Metering Data 1034](#_Toc256001370)

[7.10 Metering Data Services 1034](#_Toc256001371)

[7.10.1 Metering Data Services 1034](#_Toc256001372)

[7.10.2 Data management and storage 1035](#_Toc256001373)

[7.10.3 Provision of metering data to certain persons 1036](#_Toc256001374)

[7.10.4 Use of check metering data 1036](#_Toc256001375)

[7.10.5 Periodic energy metering 1037](#_Toc256001376)

[7.10.6 Time settings 1038](#_Toc256001377)

[7.10.7 Metering data performance standards 1038](#_Toc256001378)

[7.11 Metering data and database 1039](#_Toc256001379)

[7.11.1 Metering database 1039](#_Toc256001380)

[7.11.2 Data validation, substitution and estimation 1040](#_Toc256001381)

[7.11.3 Changes to energy data or to metering data 1041](#_Toc256001382)

[7.12 Register of Metering Information 1041](#_Toc256001383)

[7.12.1 Metering register 1041](#_Toc256001384)

[7.12.2 Metering register discrepancy 1042](#_Toc256001385)

[7.13 Disclosure of NMI information 1042](#_Toc256001386)

[7.13.1 Application of this Rule 1042](#_Toc256001387)

[7.13.2 NMI and NMI checksum 1042](#_Toc256001388)

[7.13.3 NMI Standing Data 1042](#_Toc256001389)

[7.14 Metering data provision to retail customers 1042](#_Toc256001390)

[Part F Security of metering installation and energy data 1043](#_Toc256001391)

[7.15 Security of metering installation and energy data 1043](#_Toc256001392)

[7.15.1 Confidentiality 1043](#_Toc256001393)

[7.15.2 Security of metering installations 1044](#_Toc256001394)

[7.15.3 Security controls for energy data 1045](#_Toc256001395)

[7.15.4 Additional security controls for small customer metering installations 1046](#_Toc256001396)

[7.15.5 Access to data 1047](#_Toc256001397)

[Part G Procedures 1049](#_Toc256001398)

[7.16 Procedures 1049](#_Toc256001399)

[7.16.1 Obligation to establish, maintain and publish procedures 1049](#_Toc256001400)

[7.16.2 Market Settlement and Transfer Solution Procedures 1049](#_Toc256001401)

[7.16.3 Requirements of the metrology procedure 1050](#_Toc256001402)

[7.16.4 Jurisdictional metrology material in metrology procedure 1051](#_Toc256001403)

[7.16.5 Additional metrology procedure matters 1052](#_Toc256001404)

[7.16.6 Requirements of the service level procedures 1053](#_Toc256001405)

[7.16.6A Requirements of the ENM service level procedures 1054](#_Toc256001406)

[7.16.6B Guide to embedded networks 1055](#_Toc256001407)

[7.16.7 Amendment of procedures in the Metering Chapter 1056](#_Toc256001408)

[7.16.8 National Measurement Act 1057](#_Toc256001409)

[Part H B2B Requirements 1057](#_Toc256001410)

[7.17 B2B Arrangements 1057](#_Toc256001411)

[7.17.1 B2B e-Hub 1057](#_Toc256001412)

[7.17.2 B2B e-Hub Participants 1058](#_Toc256001413)

[7.17.3 Content of the B2B Procedures 1058](#_Toc256001414)

[7.17.4 Changing B2B Procedures 1059](#_Toc256001415)

[7.17.5 B2B Decision 1061](#_Toc256001416)

[7.17.6 Establishment of Information Exchange Committee 1062](#_Toc256001417)

[7.17.7 Functions and powers of Information Exchange Committee 1063](#_Toc256001418)

[7.17.8 Obligations of Members 1064](#_Toc256001419)

[7.17.9 Meetings of Information Exchange Committee 1065](#_Toc256001420)

[7.17.10 Nomination, election and appointment of Members 1065](#_Toc256001421)

[7.17.11 Qualifications of Members 1066](#_Toc256001422)

[7.17.12 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1067](#_Toc256001423)

[7.17.13 Cost Recovery 1068](#_Toc256001424)

[Schedule 7.1 Metering register 1068](#_Toc256001425)

[S7.1.1 General 1068](#_Toc256001426)

[S7.1.2 Metering register information 1068](#_Toc256001427)

[Schedule 7.2 Metering Provider 1070](#_Toc256001428)

[S7.2.1 General 1070](#_Toc256001429)

[S7.2.2 Categories of registration 1070](#_Toc256001430)

[S7.2.3 Capabilities of Metering Providers for metering installations types 1, 2, 3, 4 and 4A 1072](#_Toc256001431)

[S7.2.4 Capabilities of Metering Providers for metering installations types 5 and 6 1074](#_Toc256001432)

[S7.2.5 Capabilities of Metering Providers for small customer metering installations 1074](#_Toc256001433)

[S7.2.6 Capabilities of the Accredited Service Provider category 1074](#_Toc256001434)

[Schedule 7.3 Metering Data Provider 1075](#_Toc256001435)

[S7.3.1 General 1075](#_Toc256001436)

[S7.3.2 Categories of registration 1075](#_Toc256001437)

[S7.3.3 Capabilities of Metering Data Providers 1075](#_Toc256001438)

[S7.3.4 Capabilities of Metering Data Providers for small customer metering installations 1077](#_Toc256001439)

[Schedule 7.4 Types and Accuracy of Metering installations 1077](#_Toc256001440)

[S7.4.1 General requirements 1077](#_Toc256001441)

[S7.4.2 Metering installations commissioned prior to 13 December 1998 1077](#_Toc256001442)

[S7.4.3 Accuracy requirements for metering installations 1078](#_Toc256001443)

[S7.4.4 Check metering 1084](#_Toc256001444)

[S7.4.5 Resolution and accuracy of displayed or captured data 1084](#_Toc256001445)

[S7.4.6 General design standards 1085](#_Toc256001446)

[S7.4.6.1 Design requirements 1085](#_Toc256001447)

[S7.4.6.2 Design guidelines 1086](#_Toc256001448)

[Schedule 7.5 Requirements of minimum services specification 1086](#_Toc256001449)

[S7.5.1 Minimum services specification 1086](#_Toc256001450)

[Schedule 7.6 Inspection and Testing Requirements 1089](#_Toc256001451)

[S7.6.1 General 1089](#_Toc256001452)

[S7.6.2 Technical Guidelines 1091](#_Toc256001453)

[Schedule 7.7 Embedded Network Managers 1092](#_Toc256001454)

[S7.7.1 General 1092](#_Toc256001455)

[S7.7.2 Capabilities of Embedded Network Managers 1092](#_Toc256001456)

[8. Administrative Functions 1097](#_Toc256001457)

[Part A Introductory 1097](#_Toc256001458)

[8.1 Administrative functions 1097](#_Toc256001459)

[8.1.1 [Deleted] 1097](#_Toc256001460)

[8.1.2 [Deleted] 1097](#_Toc256001461)

[8.1.3 Structure of this Chapter 1097](#_Toc256001462)

[Part B Disputes 1097](#_Toc256001463)

[8.2 Dispute Resolution 1097](#_Toc256001464)

[8.2.1 Application and guiding principles 1097](#_Toc256001465)

[8.2.2 The Dispute Resolution Adviser 1100](#_Toc256001466)

[8.2.3 Dispute management systems of Registered Participants and AEMO 1101](#_Toc256001467)

[8.2.4 Stage 1 - dispute resolution through Registered Participants' DMS 1102](#_Toc256001468)

[8.2.5 Stage 2 - dispute resolution process 1104](#_Toc256001469)

[8.2.6A Establishment of Dispute Resolution Panel 1104](#_Toc256001470)

[8.2.6B Parties to DRP Proceedings 1105](#_Toc256001471)

[8.2.6C Proceedings of the DRP 1106](#_Toc256001472)

[8.2.6D Decisions of the DRP 1107](#_Toc256001473)

[8.2.6 [Deleted] 1107](#_Toc256001474)

[8.2.7 Legal representation 1107](#_Toc256001475)

[8.2.8 Cost of dispute resolution 1108](#_Toc256001476)

[8.2.9 Effect of resolution 1108](#_Toc256001477)

[8.2.10 Recording and publication 1109](#_Toc256001478)

[8.2.11 Appeals on questions of law 1109](#_Toc256001479)

[8.2.12 [Deleted] 1109](#_Toc256001480)

[8.2A B2B Determination Disputes 1109](#_Toc256001481)

[8.2A.1 Application of rule 8.2 1109](#_Toc256001482)

[8.2A.2 How rule 8.2 applies 1109](#_Toc256001483)

[8.3 Power to make Electricity Procedures 1112](#_Toc256001484)

[8.4 [Deleted] 1112](#_Toc256001485)

[8.5 [Deleted] 1112](#_Toc256001486)

[Part C Registered Participants' confidentiality obligations 1112](#_Toc256001487)

[8.6 Confidentiality 1112](#_Toc256001488)

[8.6.1 Confidentiality 1112](#_Toc256001489)

[8.6.1A Application 1113](#_Toc256001490)

[8.6.2 Exceptions 1113](#_Toc256001491)

[8.6.3 Conditions 1115](#_Toc256001492)

[8.6.4 [Deleted] 1115](#_Toc256001493)

[8.6.5 Indemnity to AER, AEMC and AEMO 1115](#_Toc256001494)

[8.6.6 AEMO information 1115](#_Toc256001495)

[8.6.7 Information on Rules Bodies 1115](#_Toc256001496)

[Part D Monitoring and reporting 1116](#_Toc256001497)

[8.7 Monitoring and Reporting 1116](#_Toc256001498)

[8.7.1 Monitoring 1116](#_Toc256001499)

[8.7.2 Reporting requirements and monitoring standards for Registered Participants and AEMO 1116](#_Toc256001500)

[8.7.3 Consultation required for making general regulatory information order (Section 28H of the NEL) 1118](#_Toc256001501)

[8.7.4 Preparation of network service provider performance report (Section 28V of the NEL) 1119](#_Toc256001502)

[8.7.5 [Deleted] 1120](#_Toc256001503)

[8.7.6 Recovery of reporting costs 1120](#_Toc256001504)

[Part E Reliability panel 1120](#_Toc256001505)

[8.8 Reliability Panel 1120](#_Toc256001506)

[8.8.1 Purpose of Reliability Panel 1120](#_Toc256001507)

[8.8.2 Constitution of the Reliability Panel 1122](#_Toc256001508)

[8.8.3 Reliability Panel review process 1124](#_Toc256001509)

[8.8.4 Determination of protected events 1126](#_Toc256001510)

[Part F Rules consultation procedures 1128](#_Toc256001511)

[8.9 Rules Consultation Procedures 1128](#_Toc256001512)

[Part G Consumer advocacy funding 1130](#_Toc256001513)

[8.10 Consumer advocacy funding obligation 1130](#_Toc256001514)

[Part H Augmentations 1130](#_Toc256001515)

[8.11 Augmentations 1130](#_Toc256001516)

[8.11.1 Application 1130](#_Toc256001517)

[8.11.2 Object 1130](#_Toc256001518)

[8.11.3 Definitions 1131](#_Toc256001519)

[8.11.4 Planning criteria 1131](#_Toc256001520)

[8.11.5 Construction of augmentation that is not a contestable augmentation 1132](#_Toc256001521)

[8.11.6 Contestable augmentations 1132](#_Toc256001522)

[8.11.7 Construction and operation of contestable augmentation 1133](#_Toc256001523)

[8.11.8 Funded augmentations that are not subject to the tender process 1135](#_Toc256001524)

[8.11.9 Contractual requirements and principles 1135](#_Toc256001525)

[8.11.10 Annual planning review 1136](#_Toc256001526)

[Schedule 8.11 Principles to be reflected in agreements relating to contestable augmentations 1136](#_Toc256001527)

[S8.11.1 Risk allocation 1136](#_Toc256001528)

[S8.11.2 Minimum requirements for agreements relating to contestable augmentation 1137](#_Toc256001529)

[S8.11.3 Matters to be dealt with in relevant agreements 1138](#_Toc256001530)

[Part I Values of customer reliability 1138](#_Toc256001531)

[8.12 Development of methodology and publication of values of customer reliability 1138](#_Toc256001532)

[8A. Participant Derogations 1143](#_Toc256001533)

[Part 1 Derogations Granted to TransGrid 1143](#_Toc256001534)

[8A.1 [Deleted] 1143](#_Toc256001535)

[Part 2 Derogations Granted to EnergyAustralia 1143](#_Toc256001536)

[8A.2 [Deleted] 1143](#_Toc256001537)

[8A.2A [Deleted] 1143](#_Toc256001538)

[Part 3 [Deleted] 1143](#_Toc256001539)

[Part 4 [Deleted] 1143](#_Toc256001540)

[Part 5 [Deleted] 1143](#_Toc256001541)

[Part 6 Derogations Granted to Victorian Market Participants 1143](#_Toc256001542)

[Part 7 [Deleted] 1144](#_Toc256001543)

[Part 8 [Deleted] 1144](#_Toc256001544)

[Part 9 [Deleted] 1144](#_Toc256001545)

[Part 10 [Deleted] 1144](#_Toc256001546)

[Part 11 [Deleted] 1144](#_Toc256001547)

[Part 12 [Deleted] 1144](#_Toc256001548)

[Part 13 Derogation granted to Aurora Energy (Tamar Valley) Pty Ltd 1144](#_Toc256001549)

[8A.13 [Deleted] 1144](#_Toc256001550)

[Part 14 Derogations granted to Ausgrid, Endeavour Energy and Essential Energy 1144](#_Toc256001551)

[8A.14 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1144](#_Toc256001552)

[8A.14.1 Definitions 1144](#_Toc256001553)

[8A.14.2 Expiry date 1148](#_Toc256001554)

[8A.14.3 Application of Rule 8A.14 1148](#_Toc256001555)

[8A.14.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1149](#_Toc256001556)

[8A.14.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1150](#_Toc256001557)

[8A.14.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1151](#_Toc256001558)

[8A.14.7 Requirements for adjustment determination 1152](#_Toc256001559)

[8A.14.8 Application of Chapter 6 under participant derogation 1153](#_Toc256001560)

[Part 15 Derogations granted to ActewAGL 1154](#_Toc256001561)

[8A.15 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1154](#_Toc256001562)

[8A.15.1 Definitions 1154](#_Toc256001563)

[8A.15.2 Expiry date 1158](#_Toc256001564)

[8A.15.3 Application of Rule 8A.15 1158](#_Toc256001565)

[8A.15.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1158](#_Toc256001566)

[8A.15.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1160](#_Toc256001567)

[8A.15.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1161](#_Toc256001568)

[8A.15.7 Requirements for adjustment determination 1163](#_Toc256001569)

[8A.15.8 Application of Chapter 6 under participant derogation 1163](#_Toc256001570)

[9. Jurisdictional Derogations and Transitional Arrangements 1169](#_Toc256001571)

[9.1 Purpose and Application 1169](#_Toc256001572)

[9.1.1 Purpose 1169](#_Toc256001573)

[9.1.2 Jurisdictional Derogations 1169](#_Toc256001574)

[Part A Jurisdictional Derogations for Victoria 1169](#_Toc256001575)

[9.2 [Deleted] 1169](#_Toc256001576)

[9.3 Definitions 1169](#_Toc256001577)

[9.3.1 General Definitions 1169](#_Toc256001578)

[9.3.2 [Deleted] 1171](#_Toc256001579)

[9.3A Fault levels 1171](#_Toc256001580)

[9.4 Transitional Arrangements for Chapter 2 - Registered Participants, Registration and Cross Border Networks 1172](#_Toc256001581)

[9.4.1 [Deleted] 1172](#_Toc256001582)

[9.4.2 Smelter Trader 1172](#_Toc256001583)

[9.4.3 Smelter Trader: compliance 1172](#_Toc256001584)

[9.4.4 Report from AER 1175](#_Toc256001585)

[9.4.5 Cross Border Networks 1175](#_Toc256001586)

[9.5 Transitional Arrangements for Chapter 3 – Reliability and Emergency Reserve Trader 1176](#_Toc256001587)

[9.5.1 Definition 1176](#_Toc256001588)

[9.5.2 Expiry date 1176](#_Toc256001589)

[9.5.3 Multi-year Victorian contracts – term and volume 1176](#_Toc256001590)

[9.5.4 Multi-year Victorian contracts - reporting 1176](#_Toc256001591)

[9.6 Transitional Arrangements for Chapter 4 - System Security 1177](#_Toc256001592)

[9.6.1 Operating Procedures (clause 4.10.1) 1177](#_Toc256001593)

[9.6.2 Nomenclature Standards (clause 4.12) 1177](#_Toc256001594)

[9.7 Transitional Arrangements for Chapter 5 - Network Connection 1178](#_Toc256001595)

[9.7.1 [Deleted] 1178](#_Toc256001596)

[9.7.2 [Deleted] 1178](#_Toc256001597)

[9.7.3 [Deleted] 1178](#_Toc256001598)

[9.7.4 Regulation of Distribution Network Connection 1178](#_Toc256001599)

[9.7.5 [Deleted] 1179](#_Toc256001600)

[9.7.6 [Deleted] 1179](#_Toc256001601)

[9.7.7 [Deleted] 1179](#_Toc256001602)

[9.8 Transitional Arrangements for Chapter 6 - Network Pricing 1179](#_Toc256001603)

[9.8.1 [Deleted] 1179](#_Toc256001604)

[9.8.2 [Deleted] 1179](#_Toc256001605)

[9.8.3 [Deleted] 1179](#_Toc256001606)

[9.8.4 Transmission Network Pricing 1179](#_Toc256001607)

[9.8.4A [Deleted] 1180](#_Toc256001608)

[9.8.4B [Deleted] 1180](#_Toc256001609)

[9.8.4C [Deleted] 1180](#_Toc256001610)

[9.8.4D [Deleted] 1180](#_Toc256001611)

[9.8.4E [Deleted] 1180](#_Toc256001612)

[9.8.4F [Deleted] 1180](#_Toc256001613)

[9.8.4G [Deleted] 1180](#_Toc256001614)

[9.8.5 [Deleted] 1180](#_Toc256001615)

[9.8.6 [Deleted] 1180](#_Toc256001616)

[9.8.7 Distribution network pricing – transitional application of former Chapter 6 1180](#_Toc256001617)

[9.8.8 Exclusion of AER's power to aggregate distribution systems and parts of distribution systems 1181](#_Toc256001618)

[9.9 Transitional Arrangements for Chapter 7 - Metering 1182](#_Toc256001619)

[9.9.1 Metering Installations To Which This Schedule Applies 1182](#_Toc256001620)

[9.9.2 [Deleted] 1182](#_Toc256001621)

[9.9.3 [Deleted] 1182](#_Toc256001622)

[9.9.4 [Deleted] 1182](#_Toc256001623)

[9.9.5 [Deleted] 1182](#_Toc256001624)

[9.9.6 [Deleted] 1182](#_Toc256001625)

[9.9.7 [Deleted] 1182](#_Toc256001626)

[9.9.8 [Deleted] 1182](#_Toc256001627)

[9.9.9 Periodic Energy Metering (clause 7.9.3) 1182](#_Toc256001628)

[9.9.10 Use of Alternate Technologies (clause 7.13) 1182](#_Toc256001629)

[9.9A [Deleted] 1183](#_Toc256001630)

[9.9B [Deleted] 1183](#_Toc256001631)

[9.9C [Deleted] 1183](#_Toc256001632)

[1. Interpretation of tables 1183](#_Toc256001633)

[2. Continuing effect 1183](#_Toc256001634)

[3. Subsequent agreement 1184](#_Toc256001635)

[4. [Deleted] 1184](#_Toc256001636)

[5. Reactive Power Capability (clause S5.2.5.1 of schedule 5.2) 1184](#_Toc256001637)

[6. [Deleted] 1185](#_Toc256001638)

[7. [Deleted] 1185](#_Toc256001639)

[8. [Deleted] 1185](#_Toc256001640)

[9. [Deleted] 1185](#_Toc256001641)

[10. [Deleted] 1185](#_Toc256001642)

[11. [Deleted 1185](#_Toc256001643)

[12. [Deleted] 1185](#_Toc256001644)

[13. Governor Systems (load control) (clause S5.2.5.11 of schedule 5.2) 1185](#_Toc256001645)

[14. [Deleted] 1185](#_Toc256001646)

[15. [Deleted] 1185](#_Toc256001647)

[16. Excitation Control System (clause S5.2.5.13 of schedule 5.2) 1185](#_Toc256001648)

[Part B Jurisdictional Derogations for New South Wales 1186](#_Toc256001649)

[9.10 [Deleted] 1186](#_Toc256001650)

[9.11 Definitions 1186](#_Toc256001651)

[9.11.1 Definitions used in this Part B 1186](#_Toc256001652)

[9.12 Transitional Arrangements for Chapter 2 - Generators, Registered Participants, Registration and Cross Border Networks 1187](#_Toc256001653)

[9.12.1 [Deleted] 1187](#_Toc256001654)

[9.12.2 Customers 1187](#_Toc256001655)

[9.12.3 Power Traders 1187](#_Toc256001656)

[9.12.4 Cross Border Networks 1190](#_Toc256001657)

[9.13 [Deleted] 1191](#_Toc256001658)

[9.14 Transitional Arrangements for Chapter 4 - System Security 1191](#_Toc256001659)

[9.14.1 Power System Operating Procedures 1191](#_Toc256001660)

[9.15 NSW contestable services for Chapter 5A 1191](#_Toc256001661)

[9.15.1 Definitions 1191](#_Toc256001662)

[9.15.2 Chapter 5A not to apply to certain contestable services 1191](#_Toc256001663)

[9.16 Transitional Arrangements for Chapter 6 - Network Pricing 1191](#_Toc256001664)

[9.16.1 NSW contestable services 1191](#_Toc256001665)

[9.16.2 [Deleted] 1191](#_Toc256001666)

[9.16.3 Jurisdictional Regulator 1191](#_Toc256001667)

[9.16.4 Deemed Regulated Interconnector 1192](#_Toc256001668)

[9.16.5 [Deleted] 1192](#_Toc256001669)

[9.17 Transitional Arrangements for Chapter 7 - Metering 1192](#_Toc256001670)

[9.17.1 Extent of Derogations 1192](#_Toc256001671)

[9.17.2 Initial Registration (clause 7.1.2) 1192](#_Toc256001672)

[9.17.3 Amendments to Schedule 9G1 1192](#_Toc256001673)

[9.17.4 Compliance with AS/NZ ISO 9002 (clause S7.4.3(f) of schedule 7.4) 1193](#_Toc256001674)

[9.17A [Deleted] 1193](#_Toc256001675)

[9.18 [Deleted] 1193](#_Toc256001676)

[Part C Jurisdictional Derogations for the Australian Capital Territory 1193](#_Toc256001677)

[9.19 [Deleted] 1193](#_Toc256001678)

[9.20 Definitions and Transitional Arrangements for Cross-Border Networks 1193](#_Toc256001679)

[9.20.1 Definitions 1193](#_Toc256001680)

[9.20.2 Cross Border Networks 1193](#_Toc256001681)

[9.21 [Deleted] 1194](#_Toc256001682)

[9.22 [Deleted] 1194](#_Toc256001683)

[9.23 Transitional Arrangements for Chapter 6 - Network Pricing 1194](#_Toc256001684)

[9.23.1 [Deleted] 1194](#_Toc256001685)

[9.23.2 [Deleted] 1194](#_Toc256001686)

[9.23.3 [Deleted 1194](#_Toc256001687)

[9.23.4 [Deleted] 1194](#_Toc256001688)

[9.24 Transitional Arrangements 1194](#_Toc256001689)

[9.24.1 Chapter 7 - Metering 1194](#_Toc256001690)

[9.24.2 [Deleted] 1194](#_Toc256001691)

[9.24A [Deleted] 1194](#_Toc256001692)

[Part D Jurisdictional Derogations for South Australia 1194](#_Toc256001693)

[9.25 Definitions 1194](#_Toc256001694)

[9.25.1 [Deleted] 1194](#_Toc256001695)

[9.25.2 Definitions 1194](#_Toc256001696)

[9.26 Transitional Arrangements for Chapter 2 - Registered Participants, Registration And Cross Border Networks 1197](#_Toc256001697)

[9.26.1 Registration as a Generator 1197](#_Toc256001698)

[9.26.2 Registration as a Customer 1198](#_Toc256001699)

[9.26.3 Cross Border Networks 1198](#_Toc256001700)

[9.26.4 [Deleted] 1198](#_Toc256001701)

[9.26.5 Registration as a Network Service Provider 1198](#_Toc256001702)

[9.27 [Deleted] 1199](#_Toc256001703)

[9.28 Transitional Arrangements for Chapter 5 - Network Connection 1199](#_Toc256001704)

[9.28.1 Application of clause 5.2 1199](#_Toc256001705)

[9.28.2 [Deleted] 1200](#_Toc256001706)

[9.29 Transitional Arrangements for Chapter 6 - Economic Regulation of Distribution Services 1200](#_Toc256001707)

[9.29.1 [Deleted] 1200](#_Toc256001708)

[9.29.2 [Deleted] 1200](#_Toc256001709)

[9.29.3 [Deleted] 1200](#_Toc256001710)

[9.29.4 [Deleted] 1200](#_Toc256001711)

[9.29.5 Distribution Network Pricing – South Australia 1200](#_Toc256001712)

[9.29.6 Capital contributions, prepayments and financial guarantees 1201](#_Toc256001713)

[9.29.7 Ring fencing 1201](#_Toc256001714)

[9.29A Monitoring and reporting 1201](#_Toc256001715)

[9.30 Transitional Provisions 1202](#_Toc256001716)

[9.30.1 Chapter 7 - Metering 1202](#_Toc256001717)

[Part E Jurisdictional Derogations for Queensland 1202](#_Toc256001718)

[9.31 [Deleted] 1202](#_Toc256001719)

[9.32 Definitions and Interpretation 1202](#_Toc256001720)

[9.32.1 Definitions 1202](#_Toc256001721)

[9.32.2 Interpretation 1205](#_Toc256001722)

[9.33 Transitional Arrangements for Chapter 1 1205](#_Toc256001723)

[9.33.1 [Deleted] 1205](#_Toc256001724)

[9.34 Transitional Arrangements for Chapter 2 - Registered Participants and Registration 1205](#_Toc256001725)

[9.34.1 Application of the Rules in Queensland (clauses 2.2 and 2.5) 1205](#_Toc256001726)

[9.34.2 Stanwell Cross Border Leases (clause 2.2) 1205](#_Toc256001727)

[9.34.3 [Deleted] 1205](#_Toc256001728)

[9.34.4 Registration as a Customer (clause 2.3.1) 1205](#_Toc256001729)

[9.34.5 There is no clause 9.34.5 1206](#_Toc256001730)

[9.34.6 Exempted generation agreements (clause 2.2) 1206](#_Toc256001731)

[9.35 [Deleted] 1210](#_Toc256001732)

[9.36 [Deleted] 1210](#_Toc256001733)

[9.37 Transitional Arrangements for Chapter 5 - Network Connection 1210](#_Toc256001734)

[9.37.1 [Deleted] 1210](#_Toc256001735)

[9.37.2 Existing connection and access agreements (clause 5.2) 1210](#_Toc256001736)

[9.37.3 [Deleted] 1211](#_Toc256001737)

[9.37.4 [Deleted] 1211](#_Toc256001738)

[9.37.5 Forecasts for connection points to transmission network (clause 5.11.1) 1211](#_Toc256001739)

[9.37.6 There is no clause 9.37.6 1211](#_Toc256001740)

[9.37.7 Cross Border Networks 1211](#_Toc256001741)

[9.37.8 [Deleted] 1212](#_Toc256001742)

[9.37.9 Credible contingency events (clause S5.1.2.1 of schedule 5.1) 1212](#_Toc256001743)

[9.37.10 Reactive power capability (clause S5.2.5.1 of schedule 5.2) 1212](#_Toc256001744)

[9.37.11 [Deleted] 1213](#_Toc256001745)

[9.37.12 Voltage fluctuations (clause S5.1.5 of schedule 5.1) 1213](#_Toc256001746)

[9.37.13 [Deleted] 1215](#_Toc256001747)

[9.37.14 [Deleted] 1215](#_Toc256001748)

[9.37.15 [Deleted] 1215](#_Toc256001749)

[9.37.16 [Deleted] 1215](#_Toc256001750)

[9.37.17 [Deleted] 1215](#_Toc256001751)

[9.37.18 [Deleted] 1215](#_Toc256001752)

[9.37.19 Generating unit response to disturbances (clause S5.2.5.3 of schedule 5.2) 1215](#_Toc256001753)

[9.37.20 [Deleted] 1215](#_Toc256001754)

[9.37.21 Excitation control system (clause S.5.2.5.13 of schedule 5.2) 1215](#_Toc256001755)

[9.37.22 [Deleted] 1216](#_Toc256001756)

[9.37.23 Annual forecast information for planning purposes (schedule 5.7) 1216](#_Toc256001757)

[9.38 Transitional Arrangements for Chapter 6 - Network Pricing 1216](#_Toc256001758)

[9.38.1 [Deleted] 1216](#_Toc256001759)

[9.38.2 [Deleted] 1216](#_Toc256001760)

[9.38.3 [Deleted] 1216](#_Toc256001761)

[9.38.4 Interconnectors between regions 1216](#_Toc256001762)

[9.38.5 Transmission pricing for exempted generation agreements 1216](#_Toc256001763)

[9.39 Transitional Arrangements for Chapter 7 - Metering 1217](#_Toc256001764)

[9.39.1 Metering installations to which this clause applies 1217](#_Toc256001765)

[9.39.2 [Deleted] 1218](#_Toc256001766)

[9.39.3 [Deleted] 1218](#_Toc256001767)

[9.39.4 [Deleted] 1218](#_Toc256001768)

[9.39.5 [Deleted] 1218](#_Toc256001769)

[9.40 Transitional Arrangements for Chapter 8 - Administration Functions 1218](#_Toc256001770)

[9.40.1 [Deleted] 1218](#_Toc256001771)

[9.40.2 [Deleted] 1218](#_Toc256001772)

[9.40.3 [Deleted] 1218](#_Toc256001773)

[9.41 [Deleted] 1218](#_Toc256001774)

[Part F Jurisdictional Derogations for Tasmania 1219](#_Toc256001775)

[9.42 Definitions and interpretation 1219](#_Toc256001776)

[9.42.1 Definitions 1219](#_Toc256001777)

[9.42.2 Interpretation 1220](#_Toc256001778)

[9.42.3 National grid, power system and related expressions 1220](#_Toc256001779)

[9.43 [Deleted] 1221](#_Toc256001780)

[9.44 Transitional arrangements for Chapter 2 – Registered Participants and Registration - Customers (clause 2.3.1(e)) 1221](#_Toc256001781)

[9.45 Tasmanian Region (clause 3.5) 1221](#_Toc256001782)

[9.47 Transitional arrangements for Chapter 5- Network Connection 1221](#_Toc256001783)

[9.47.1 Existing Connection Agreements 1221](#_Toc256001784)

[9.48 Transitional arrangements - Transmission and Distribution Pricing 1221](#_Toc256001785)

[9.48.4A Ring fencing 1221](#_Toc256001786)

[9.48.4B Uniformity of tariffs for small customers 1222](#_Toc256001787)

[9.48.5 Transmission network 1222](#_Toc256001788)

[9.48.6 Deemed regulated interconnector 1222](#_Toc256001789)

[Part G Schedules to Chapter 9 1222](#_Toc256001790)

[1. Introduction 1222](#_Toc256001791)

[2. [Deleted] 1222](#_Toc256001792)

[3. General Principle 1222](#_Toc256001793)

[4. [Deleted] 1223](#_Toc256001794)

[5. Accuracy Requirements 1223](#_Toc256001795)

[6. [Deleted] 1223](#_Toc256001796)

[7. [Deleted] 1223](#_Toc256001797)

[8. [Deleted] 1223](#_Toc256001798)

[9. [Deleted] 1223](#_Toc256001799)

[10. [Deleted] 1223](#_Toc256001800)

[10. Glossary 1227](#_Toc256001801)

[11. Savings and Transitional Rules 1345](#_Toc256001802)

[Part A Definitions 1345](#_Toc256001803)

[Part B System Restart Ancillary Services (2006 amendments) 1345](#_Toc256001804)

[11.2 Rules consequent on making of the National Electricity Amendment (System Restart Ancillary Services and pricing under market suspension) Rule 2006 1345](#_Toc256001805)

[11.2.1 Transitional provision for acquisition of non-market ancillary services 1345](#_Toc256001806)

[11.3 [Deleted] 1346](#_Toc256001807)

[Part C Dispute Resolution for Regulatory Test (2006 amendments) 1346](#_Toc256001808)

[11.4 Rules consequent on making of the National Electricity Amendment (Dispute Resolution for Regulatory Test) Rule 2006 1346](#_Toc256001809)

[11.4.1 Continuation of things done under old clause 5.6.6 1346](#_Toc256001810)

[Part D Metrology (2006 amendments) 1347](#_Toc256001811)

[11.5 Rules consequential on the making of the National Electricity Amendment (Metrology) Rule 2006 1347](#_Toc256001812)

[11.5.1 Definitions 1347](#_Toc256001813)

[11.5.2 Metrology procedures continues to apply until 31 December 2006 1347](#_Toc256001814)

[11.5.3 Responsible person 1347](#_Toc256001815)

[11.5.4 NEMMCO's responsibility to develop a metrology procedure 1347](#_Toc256001816)

[11.5.5 Jurisdictional metrology material in the metrology procedure 1348](#_Toc256001817)

[Part E Economic Regulation of Transmission Services (2006 amendments) 1348](#_Toc256001818)

[11.6 Rules consequent on making of the National Electricity Amendment (Economic Regulation of Transmission Services) Rule 2006 1348](#_Toc256001819)

[11.6.1 Definitions 1348](#_Toc256001820)

[11.6.2 New Chapter 6A does not affect existing revenue determinations 1349](#_Toc256001821)

[11.6.3 Old Part C and Schedules 6.2, 6.3, 6.4, 6.7 and 6.8 of old Chapter 6 1350](#_Toc256001822)

[11.6.4 Old Part F of Chapter 6 1350](#_Toc256001823)

[11.6.5 Application of new Chapter 6A to Transmission Network Service Providers 1350](#_Toc256001824)

[11.6.6 Application of Chapter 6 to old distribution matters 1350](#_Toc256001825)

[11.6.7 References to the old Chapter 6 1350](#_Toc256001826)

[11.6.8 References to provisions of the old Chapter 6 1351](#_Toc256001827)

[11.6.9 Roll forward of regulatory asset base for first regulatory control period 1351](#_Toc256001828)

[11.6.10 Other adjustment carry-over mechanisms from current to first regulatory control period 1351](#_Toc256001829)

[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 1351](#_Toc256001830)

[11.6.12 Powerlink transitional provisions 1354](#_Toc256001831)

[11.6.13 ElectraNet easements transitional provisions 1357](#_Toc256001832)

[11.6.14 TransGrid contingent projects 1357](#_Toc256001833)

[11.6.15 Transmission determination includes existing revenue determinations 1358](#_Toc256001834)

[11.6.16 References to regulatory control period 1358](#_Toc256001835)

[11.6.17 Consultation procedure for first proposed guidelines 1358](#_Toc256001836)

[11.6.18 Reliance on proposed guidelines for SP AusNet, VENCorp and ElectraNet 1359](#_Toc256001837)

[11.6.19 EnergyAustralia transitional provisions 1359](#_Toc256001838)

[11.6.20 Basslink transitional provisions 1361](#_Toc256001839)

[11.6.21 SPI Powernet savings and transitional provision 1363](#_Toc256001840)

[11.6.22 Interim arrangements pricing-related information 1364](#_Toc256001841)

[Part F Reform of Regulatory Test Principles (2006 amendments) 1365](#_Toc256001842)

[11.7 Rules consequent on making of the National Electricity Amendment (Reform of the Regulatory Test Principles) Rule 2006 1365](#_Toc256001843)

[11.7.1 Definitions 1365](#_Toc256001844)

[11.7.2 Amending Rule does not affect old clause 5.6.5A 1365](#_Toc256001845)

[Part G Pricing of Prescribed Transmission Services (2006 amendments) 1365](#_Toc256001846)

[11.8 Rules consequent on making the National Electricity Amendment (Pricing of Prescribed Transmission Services) Rule 2006 1365](#_Toc256001847)

[11.8.1 Definitions 1365](#_Toc256001848)

[11.8.2 Regulated interconnectors 1366](#_Toc256001849)

[11.8.3 Application of new Part J of Chapter 6A to Transmission Network Service Providers 1366](#_Toc256001850)

[11.8.4 Reliance on agreed interim guideline for ElectraNet, SPAusNet, and VenCorp 1367](#_Toc256001851)

[11.8.5 Prudent discounts under existing agreements 1367](#_Toc256001852)

[11.8.6 Application of prudent discounts regime under rule 6A.26 1367](#_Toc256001853)

[11.8.7 Prudent discounts pending approval of pricing methodology 1367](#_Toc256001854)

[Part H Reallocations (2007 amendments) 1368](#_Toc256001855)

[11.9 Rules consequent on the making of the National Electricity Amendment (Reallocations) Rule 2007 1368](#_Toc256001856)

[11.9.1 Definitions 1368](#_Toc256001857)

[11.9.2 Existing and transitional reallocations 1368](#_Toc256001858)

[Part I Technical Standards for Wind Generation (2007 amendments) 1369](#_Toc256001859)

[11.10 Rules consequent on making of the National Electricity Amendment (Technical Standards for Wind Generation and other Generator Connections) Rule 2007 1369](#_Toc256001860)

[11.10.1 Definitions 1369](#_Toc256001861)

[11.10.2 Provision of information under S5.2.4 in registration application 1369](#_Toc256001862)

[11.10.3 Access standards made under the old Chapter 5 1370](#_Toc256001863)

[11.10.4 Modifications to plant by Generators 1370](#_Toc256001864)

[11.10.5 Technical Details to Support Application for Connection and Connection Agreement 1370](#_Toc256001865)

[11.10.6 Transitional arrangements for establishment of performance standards 1370](#_Toc256001866)

[11.10.7 Jurisdictional Derogations for Queensland 1370](#_Toc256001867)

[11.10A Rules consequent on the making of the National Electricity Amendment (Central Dispatch and Integration of Wind and Other Intermittent Generation) Rule 2008 1371](#_Toc256001868)

[11.10A.1 Definitions 1371](#_Toc256001869)

[11.10A.2 Registration and reclassification of classified generating units 1372](#_Toc256001870)

[11.10A.3 Registered generating unit 1372](#_Toc256001871)

[11.10A.4 Classification of potential semi-scheduled generating unit 1372](#_Toc256001872)

[11.10A.5 Participant fees 1373](#_Toc256001873)

[11.10A.6 Timetable 1373](#_Toc256001874)

[11.10A.7 Procedure for contribution factors for ancillary service transactions 1373](#_Toc256001875)

[11.10A.8 Guidelines for energy conversion model information 1373](#_Toc256001876)

[Part J Cost Recovery of Localised Regulation Services (2007 amendments) 1374](#_Toc256001877)

[11.11 Rules consequent on making of the National Electricity Amendment (Cost Recovery of Localised Regulation Services) Rule 2007 1374](#_Toc256001878)

[11.11.1 Definitions 1374](#_Toc256001879)

[11.11.2 Action taken by NEMMCO for the purposes of Amending Rule 1374](#_Toc256001880)

[11.12 [Deleted] 1374](#_Toc256001881)

[Part L [Deleted] 1374](#_Toc256001882)

[Part M Economic Regulation of Distribution Services (2007 amendments) 1374](#_Toc256001883)

[Division 1 General Provisions 1374](#_Toc256001884)

[11.14 General provisions 1374](#_Toc256001885)

[11.14.1 Application of this Division 1374](#_Toc256001886)

[11.14.2 Definitions 1374](#_Toc256001887)

[11.14.3 Preservation of old regulatory regime 1375](#_Toc256001888)

[11.14.4 Transfer of regulatory responsibility 1376](#_Toc256001889)

[11.14.5 Special requirements with regard to ring fencing 1376](#_Toc256001890)

[11.14.6 Additional requirements with regard to cost allocation 1377](#_Toc256001891)

[11.14.7 Construction of documents 1377](#_Toc256001892)

[Division 2 [Deleted] 1378](#_Toc256001893)

[Division 3 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1378](#_Toc256001894)

[11.16 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1378](#_Toc256001895)

[11.16.1 Definitions 1378](#_Toc256001896)

[11.16.2 Application of Part to Queensland 2010 distribution determinations 1378](#_Toc256001897)

[11.16.3 Treatment of the regulatory asset base 1378](#_Toc256001898)

[11.16.4 Efficiency Benefit Sharing Scheme 1379](#_Toc256001899)

[11.16.5 Service Target Performance Incentive Scheme 1379](#_Toc256001900)

[11.16.6 Framework and approach 1379](#_Toc256001901)

[11.16.7 Regulatory Proposal 1379](#_Toc256001902)

[11.16.8 Side constraints 1380](#_Toc256001903)

[11.16.9 Cost pass throughs 1380](#_Toc256001904)

[11.16.10 Capital Contributions Policy 1380](#_Toc256001905)

[Division 4 Transitional provisions of specific application to Victoria 1381](#_Toc256001906)

[11.17 Transitional provisions of specific application to Victoria 1381](#_Toc256001907)

[11.17.1 Definitions 1381](#_Toc256001908)

[11.17.2 Calculation of estimated cost of corporate income tax 1381](#_Toc256001909)

[11.17.3 Decisions made in the absence of a statement of regulatory intent 1381](#_Toc256001910)

[11.17.4 Cost allocation guidelines 1382](#_Toc256001911)

[11.17.5 Modification of requirements related to cost allocation method 1382](#_Toc256001912)

[11.17.6 AMI Order in Council 1383](#_Toc256001913)

[Part N Registration of Foreign Based Persons and Corporations as Trader Class Participants (2007 amendments) 1383](#_Toc256001914)

[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 1383](#_Toc256001915)

[11.18.1 Definitions 1383](#_Toc256001916)

[11.18.2 Auction rules 1383](#_Toc256001917)

[Part O Process for Region Change (2007 amendments) 1384](#_Toc256001918)

[11.19 Rules consequent on making of the National Electricity Amendment (Process for Region Change) Rule 2007 1384](#_Toc256001919)

[11.19.1 Definitions 1384](#_Toc256001920)

[11.19.2 Regions Publication 1384](#_Toc256001921)

[Part P Integration of NEM Metrology Requirements 1384](#_Toc256001922)

[11.20 Rules consequential on the making of the National Electricity Amendment (Integration of NEM Metrology Requirements) Rule 2008 1384](#_Toc256001923)

[11.20.1 Definitions 1384](#_Toc256001924)

[11.20.2 Metering installations for non-market generating units immediately prior to 30 June 2008 1384](#_Toc256001925)

[11.20.3 First-tier load metering installations 1385](#_Toc256001926)

[11.20.4 First-tier load metering installations in Victoria 1385](#_Toc256001927)

[11.20.5 Minimalist Transitioning Approach in Queensland 1385](#_Toc256001928)

[11.20.6 First-tier jurisdictional requirements publication 1386](#_Toc256001929)

[11.20.7 Metrology procedure 1386](#_Toc256001930)

[Part PA Reliability Settings: Information Safety Net and Directions 1386](#_Toc256001931)

[11.21 Rules consequential on the making of the National Electricity Amendment (NEM Reliability Settings: Information Safety Net and Directions) Rule 2008 1386](#_Toc256001932)

[11.21.1 Definitions 1386](#_Toc256001933)

[11.21.2 EAAP guidelines 1386](#_Toc256001934)

[11.21.3 [Deleted] 1386](#_Toc256001935)

[11.21.4 [Deleted] 1386](#_Toc256001936)

[11.21.5 Timetable 1386](#_Toc256001937)

[11.21.6 Power system security and reliability standards 1387](#_Toc256001938)

[11.21.7 Report on statement of opportunities 1387](#_Toc256001939)

[11.21.8 Methodology for dispatch prices and ancillary services prices 1387](#_Toc256001940)

[Part Q Regulatory Test Thresholds and Information Disclosure on Network Replacements 1387](#_Toc256001941)

[11.22 Rules consequential on the making of the National Electricity Amendment (Regulatory Test Thresholds and Information Disclosure on Network Replacements) Rule 2008 1387](#_Toc256001942)

[11.22.1 Definitions 1387](#_Toc256001943)

[11.22.2 Amending Rule does not affect existing regulatory test 1388](#_Toc256001944)

[Part R Performance Standard Compliance of Generators 1388](#_Toc256001945)

[11.23 Rules consequential on the making of the National Electricity Amendment (Performance Standards Compliance of Generators) Rule 2008 1388](#_Toc256001946)

[11.23.1 Definitions 1388](#_Toc256001947)

[11.23.2 Application of rule 11.23 for compliance programs implemented immediately after the commencement of the Amending Rule 1388](#_Toc256001948)

[11.23.3 Application of rule 11.23 for compliance programs implemented immediately prior to the commencement of the Amending Rule 1388](#_Toc256001949)

[11.23.4 Application of rule 11.23 for compliance programs not implemented immediately prior to the commencement of the Amending Rule 1389](#_Toc256001950)

[Part S [Deleted] 1389](#_Toc256001951)

[Part U Confidentiality Arrangements concerning Information required for Power System Studies 1389](#_Toc256001952)

[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 1389](#_Toc256001953)

[11.25.1 Definitions 1389](#_Toc256001954)

[11.25.2 Transitional arrangements for the provision of information 1389](#_Toc256001955)

[Part V WACC Reviews: Extension of Time 1391](#_Toc256001956)

[11.26 Rule consequential on the making of the National Electricity Amendment (WACC Reviews: Extension of Time) Rule 2009 1391](#_Toc256001957)

[11.26.1 Definitions 1391](#_Toc256001958)

[11.26.2 Extension of time to submit a regulatory proposal for the regulatory control period 2010-2015 1391](#_Toc256001959)

[Part W National Transmission Statement 1391](#_Toc256001960)

[11.27 Rules consequent on the making of the National Electricity Amendment (National Transmission Statement) Rule 2009 1391](#_Toc256001961)

[11.27.1 Definitions 1391](#_Toc256001962)

[11.27.2 Purpose 1391](#_Toc256001963)

[11.27.3 Application of rule 11.27 1392](#_Toc256001964)

[11.27.4 National Transmission Statement 1392](#_Toc256001965)

[11.27.5 Scope and Content of National Transmission Network Development Plan 1393](#_Toc256001966)

[11.27.6 Energy Adequacy Assessment Projection 1394](#_Toc256001967)

[11.27.7 Amendment to Last Resort Power 1394](#_Toc256001968)

[11.27.8 Actions taken prior to commencement of Rule 1394](#_Toc256001969)

[Part X National Transmission Planning 1394](#_Toc256001970)

[11.28 Rules consequential on the making of the National Electricity (Australian Energy Market Operator) Amendment Rules 2009 1394](#_Toc256001971)

[11.28.1 Definitions 1394](#_Toc256001972)

[11.28.2 Jurisdictional planning bodies and representatives 1394](#_Toc256001973)

[11.28.3 Criteria and guidelines published by Inter-regional Planning Committee 1395](#_Toc256001974)

[11.28.4 Augmentation technical reports 1395](#_Toc256001975)

[11.28.5 Last Resort Planning Power 1395](#_Toc256001976)

[11.28.6 Inter-network power system tests 1395](#_Toc256001977)

[11.28.7 Control and protection settings for equipment 1396](#_Toc256001978)

[11.28.8 Revenue Proposals 1396](#_Toc256001979)

[Part Y Regulatory Investment Test for Transmission 1396](#_Toc256001980)

[11.29 Rules consequent on making of the National Electricity Amendment (Regulatory Investment Test for Transmission) Rule 2009 1396](#_Toc256001981)

[11.29.1 Definitions 1396](#_Toc256001982)

[11.29.2 Period when Amending Rule applies to transmission investment 1397](#_Toc256001983)

[Part Z Congestion Information Resource 1397](#_Toc256001984)

[11.30 Rules consequent on the making of the National Electricity Amendment (Congestion Information Resource) Rule 2009 1397](#_Toc256001985)

[11.30.1 Definitions 1397](#_Toc256001986)

[11.30.2 Interim congestion Information resource 1398](#_Toc256001987)

[Part ZA Reliability and emergency reserve trader (2009 amendments) 1400](#_Toc256001988)

[11.31 Rules consequent on the making of the National Electricity Amendment (Improved RERT Flexibility and Short-notice Reserve Contracts) Rule 2009 1400](#_Toc256001989)

[11.31.1 Definitions 1400](#_Toc256001990)

[11.31.2 Purpose 1400](#_Toc256001991)

[11.31.3 Amendments to Reliability Panel's RERT Guidelines 1400](#_Toc256001992)

[11.31.4 Amendments to AEMO's RERT procedures for exercising the RERT 1401](#_Toc256001993)

[Part ZB Early Application of Market Impact Parameters 1401](#_Toc256001994)

[11.32 Rules consequent on the making of the National Electricity Amendment (Early Implementation of Market Impact Parameters) Rule 2010 1401](#_Toc256001995)

[11.32.1 Definitions 1401](#_Toc256001996)

[11.32.2 Purpose 1402](#_Toc256001997)

[11.32.3 Early application of the market impact component of the service target performance incentive scheme 1402](#_Toc256001998)

[Part ZC Transparency of operating data 1405](#_Toc256001999)

[11.33 Rules consequential on the making of National Electricity Amendment (Transparency of Operating Data) Rule 2010 1405](#_Toc256002000)

[11.33.1 Definitions 1405](#_Toc256002001)

[11.33.2 Spot market operations timetable 1405](#_Toc256002002)

[Part ZD Cost Recovery for Other Services Directions 1407](#_Toc256002003)

[11.34 Rules consequent on making of the National Electricity Amendment (Cost Recovery for Other Services Directions) Rule 2010 1407](#_Toc256002004)

[11.34.1 Definitions 1407](#_Toc256002005)

[11.34.2 Period when Amending Rules applies to funding of compensation 1407](#_Toc256002006)

[Part ZE Payments under Feed-in Schemes and Climate Change Funds 1407](#_Toc256002007)

[11.35 Rules consequential on the making of the National Electricity Amendment (Payments under Feed-in Schemes and Climate Change Funds) Rule 2010 1407](#_Toc256002008)

[11.35.1 Definitions 1407](#_Toc256002009)

[11.35.2 Application of recovery of jurisdictional scheme Rules 1408](#_Toc256002010)

[11.35.3 Reporting on jurisdictional schemes 1409](#_Toc256002011)

[11.35.4 Revocation and substitution of distribution determination for jurisdictional scheme recovery 1410](#_Toc256002012)

[Part ZF Transitional Arrangements for Ministerial Smart Meter Roll Out Determinations 1411](#_Toc256002013)

[11.36 Ministerial Smart Meter Roll Out Determinations 1411](#_Toc256002014)

[11.36.1 Definitions 1411](#_Toc256002015)

[11.36.2 Meaning of relevant metering installation 1411](#_Toc256002016)

[11.36.3 Period of application of rule to relevant metering installation 1411](#_Toc256002017)

[11.36.4 Designation of responsible person 1412](#_Toc256002018)

[11.36.5 [Deleted] 1412](#_Toc256002019)

[11.36.6 [Deleted] 1412](#_Toc256002020)

[Part ZG Provision of Metering Data Services and Clarification of Existing Metrology Requirements 1412](#_Toc256002021)

[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 1412](#_Toc256002022)

[11.37.1 Definitions 1412](#_Toc256002023)

[11.37.2 Commencement of special site or technology related conditions 1412](#_Toc256002024)

[11.37.3 Initial service level procedures 1412](#_Toc256002025)

[Part ZH Spot Market Operations Timetable 1413](#_Toc256002026)

[11.38 Rules consequential on the making of National Electricity Amendment (Amendments to PASA-related Rules) Rule 2010 1413](#_Toc256002027)

[11.38.1 Definitions 1413](#_Toc256002028)

[11.38.2 Spot market operations timetable 1413](#_Toc256002029)

[Part ZI DNSP Recovery of Transmission-related Charges 1414](#_Toc256002030)

[11.39 Rules consequential on the making of the National Electricity Amendment (DNSP Recovery of Transmission-related Charges) Rule 2011 1414](#_Toc256002031)

[11.39.1 Definitions 1414](#_Toc256002032)

[11.39.2 Recovery by Victorian distribution network service providers during current regulatory control period 1415](#_Toc256002033)

[11.39.3 Recovery by Victorian distribution network service providers for shared network augmentations 1415](#_Toc256002034)

[11.39.4 Bairnsdale network support agreement 1415](#_Toc256002035)

[11.39.5 Approval of pricing proposal 1415](#_Toc256002036)

[11.39.6 Ergon Energy transitional charges 1416](#_Toc256002037)

[11.39.7 Energex transitional charges 1416](#_Toc256002038)

[Part ZJ Network Support and Control Ancillary Services 1416](#_Toc256002039)

[11.40 Rules consequential on the making of the National Electricity Amendment (Network Support and Control Ancillary Services) Rule 2011 1416](#_Toc256002040)

[11.40.1 Definitions 1416](#_Toc256002041)

[11.40.2 Purpose 1416](#_Toc256002042)

[11.40.3 Existing NCAS contracts to continue 1416](#_Toc256002043)

[11.40.4 Amendments to existing guidelines 1417](#_Toc256002044)

[11.40.5 New procedures 1417](#_Toc256002045)

[11.40.6 Decisions and actions taken prior to Amending Rule 1417](#_Toc256002046)

[Part ZK Application of Dual Marginal Loss Factors 1417](#_Toc256002047)

[11.41 Rules consequential on the making of the National Electricity Amendment (Application of Dual Marginal Loss Factors) Rule 2011 1417](#_Toc256002048)

[11.41.1 Definitions 1417](#_Toc256002049)

[11.41.2 Amendments to loss factor methodology 1418](#_Toc256002050)

[11.41.3 Procedure applying dual intra-regional loss factors in central dispatch and spot market transactions 1418](#_Toc256002051)

[11.41.4 Publication of intra-regional loss factors 1418](#_Toc256002052)

[Part ZL Tasmania Tranche 5a Procedure Changes 1418](#_Toc256002053)

[11.42 Rules consequential on the making of the National Electricity Amendment (Tasmania Tranche 5a Procedure Changes) Rule 2011 1418](#_Toc256002054)

[11.42.1 Definitions 1418](#_Toc256002055)

[11.42.2 AEMO may amend Relevant Procedures 1419](#_Toc256002056)

[Part ZM Application and Operation of Administered Price Periods 1419](#_Toc256002057)

[11.43 Rules consequential on the making of National Electricity Amendment (Application and Operation of Administered Price Periods) Rule 2011 1419](#_Toc256002058)

[11.43.1 Definitions 1419](#_Toc256002059)

[11.43.2 Administered Price Cap Schedule 1419](#_Toc256002060)

[Part ZO Negative Intra-regional Settlements Residue 1420](#_Toc256002061)

[11.45 Rules consequential on the making of National Electricity Amendment (Negative Intra-regional Settlements Residue) Rule 2012 1420](#_Toc256002062)

[11.45.1 Definitions 1420](#_Toc256002063)

[11.45.2 Recovery of negative settlements residue prior to consultation under the Amending Rule 1420](#_Toc256002064)

[11.45.3 First consultation on negative intra-regional settlements residue procedure 1421](#_Toc256002065)

[Part ZP Interim Connection Charging Rules 1421](#_Toc256002066)

[11.46 Rules consequential to the insertion of Chapter 5A by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1421](#_Toc256002067)

[Division 1 Preliminary 1421](#_Toc256002068)

[11.46.1 Definitions 1421](#_Toc256002069)

[11.46.2 Extended meaning of some terms 1423](#_Toc256002070)

[11.46.3 Transitional operation of relevant provisions 1423](#_Toc256002071)

[Division 2 Jurisdictional differences 1424](#_Toc256002072)

[11.46.4 Exclusions, qualifications and modifications for ACT 1424](#_Toc256002073)

[11.46.5 Exclusions, qualifications and modifications for NSW 1425](#_Toc256002074)

[11.46.6 Exclusions, qualifications and modifications for Queensland 1426](#_Toc256002075)

[11.46.7 Exclusions, qualifications and modifications for SA 1427](#_Toc256002076)

[11.46.8 Exclusions, qualifications and modifications for Tasmania 1428](#_Toc256002077)

[11.46.9 Exclusions, qualifications and modifications for Victoria 1429](#_Toc256002078)

[Division 3 General provisions 1430](#_Toc256002079)

[11.46.10 Connection charges 1430](#_Toc256002080)

[11.46.11 References 1431](#_Toc256002081)

[Part ZQ NSW transitional retail support and credit support rules 1431](#_Toc256002082)

[11.47 Rules consequential on the insertion of Chapter 6B by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1431](#_Toc256002083)

[Division 1 Preliminary 1431](#_Toc256002084)

[11.47.1 Definitions 1431](#_Toc256002085)

[11.47.2 Application 1433](#_Toc256002086)

[11.47.3 Obligation to pay 1433](#_Toc256002087)

[11.47.4 Charging and billing 1433](#_Toc256002088)

[11.47.5 Interest on unpaid amounts 1434](#_Toc256002089)

[11.47.6 Circumstances where NSW DNSP may request credit support 1434](#_Toc256002090)

[11.47.7 Credit support 1434](#_Toc256002091)

[11.47.8 Credit support providers 1435](#_Toc256002092)

[11.47.9 NSW DNSP to determine required credit support amount 1435](#_Toc256002093)

[11.47.10 NSW Retailer to ensure credit support available 1435](#_Toc256002094)

[11.47.11 Drawing on credit support 1436](#_Toc256002095)

[11.47.12 Specific transitional arrangements 1436](#_Toc256002096)

[Part ZR Miscellaneous transitional rules—NERL 1436](#_Toc256002097)

[11.48 Rules consequential on the making of the National Electricity (National Energy Retail Law) Amendment Rule 2012 1436](#_Toc256002098)

[11.48.1 Extension of time period for AER to consider certain pass through applications 1436](#_Toc256002099)

[Part ZS Cost pass through arrangements for Network Service Providers 1437](#_Toc256002100)

[11.49 Rules consequential on the making of National Electricity Amendment (Cost pass through arrangements for Network Service Providers) Rule 2012 1437](#_Toc256002101)

[11.49.1 Definitions 1437](#_Toc256002102)

[11.49.2 Terrorism event is a cost pass through event in the current regulatory control period 1437](#_Toc256002103)

[11.49.3 Transitional arrangement for Powerlink 1437](#_Toc256002104)

[11.49.4 Transitional arrangements for ElectraNet and Murraylink 1438](#_Toc256002105)

[Part ZT Distribution Network Planning and Expansion 1438](#_Toc256002106)

[11.50 Rules consequential on the making of the National Electricity Amendment (Distribution Network Planning and Expansion) Rule 2012 1438](#_Toc256002107)

[11.50.1 Interpretation 1438](#_Toc256002108)

[11.50.2 Definitions 1438](#_Toc256002109)

[11.50.3 Timing for first Distribution Annual Planning Report 1439](#_Toc256002110)

[11.50.4 Contents of Distribution Annual Planning Report 1439](#_Toc256002111)

[11.50.5 Transition from the regulatory test to the regulatory investment test for distribution 1440](#_Toc256002112)

[Part ZU New Prudential Standard and Framework in the NEM 1441](#_Toc256002113)

[11.51 Rules consequential on the making of the National Electricity Amendment (New Prudential Standard and Framework in the NEM) Rule 2012 1441](#_Toc256002114)

[11.51.1 Definitions 1441](#_Toc256002115)

[11.51.2 AEMO's responsibility to develop and publish the credit limit procedures 1441](#_Toc256002116)

[11.51.3 Transition to the framework for determining prudential settings 1442](#_Toc256002117)

[11.51.4 Prior consultation, step, decision or action taken by AEMO 1442](#_Toc256002118)

[Part ZV Small Generation Aggregator Framework 1442](#_Toc256002119)

[11.52 Rules consequential on the making of the National Electricity Amendment (Small Generation Aggregator Framework) Rule 2012 1442](#_Toc256002120)

[11.52.1 Definitions 1442](#_Toc256002121)

[11.52.2 Commencement of participant fees as well as transactions, funding and settlements under Chapter 3 for Market Small Generation Aggregators 1443](#_Toc256002122)

[11.52.3 Participant fees for Market Small Generation Aggregators 1443](#_Toc256002123)

[11.52.4 Ancillary service transactions, funding of compensation for directions and intervention settlements for directions for Market Small Generation Aggregators 1443](#_Toc256002124)

[11.52.5 Amendments to the carbon dioxide equivalent intensity index procedures 1444](#_Toc256002125)

[11.52.6 Amendments of the metrology procedures 1445](#_Toc256002126)

[11.52.7 Amendments to the Market Settlement and Transfer Solution Procedures 1445](#_Toc256002127)

[Part ZW Economic Regulation of Network Service Providers (2012 amendments) 1445](#_Toc256002128)

[Division 1 Miscellaneous transitional provisions 1445](#_Toc256002129)

[11.53 Publication of Chapter 6 Guidelines 1445](#_Toc256002130)

[11.53.1 Shared Asset Guidelines 1445](#_Toc256002131)

[11.53.2 Capital Expenditure Incentive Guidelines 1446](#_Toc256002132)

[11.53.3 Rate of Return Guidelines 1446](#_Toc256002133)

[11.53.4 Expenditure Forecast Assessment Guidelines 1446](#_Toc256002134)

[11.53.5 Distribution Confidentiality Guidelines 1446](#_Toc256002135)

[11.53.6 Consultation procedure paper 1447](#_Toc256002136)

[11.54 Publication of Chapter 6A Guidelines 1447](#_Toc256002137)

[11.54.1 Shared Asset Guidelines 1447](#_Toc256002138)

[11.54.2 Capital Expenditure Incentive Guidelines 1447](#_Toc256002139)

[11.54.3 Rate of Return Guidelines 1447](#_Toc256002140)

[11.54.4 Expenditure Forecast Assessment Guidelines 1448](#_Toc256002141)

[11.54.5 Transmission Confidentiality Guidelines 1448](#_Toc256002142)

[11.54.6 Consultation paper procedure 1448](#_Toc256002143)

[Division 2 Transitional provisions for NSW/ACT Distribution Network Service Providers 1448](#_Toc256002144)

[11.55 General provisions 1448](#_Toc256002145)

[11.55.1 Definitions 1448](#_Toc256002146)

[11.55.2 Transitional Chapter 6 1449](#_Toc256002147)

[11.55.3 Application of rule 11.56 1451](#_Toc256002148)

[11.56 Special provisions applying to affected DNSPs 1451](#_Toc256002149)

[11.56.1 Requirement to make distribution determination 1451](#_Toc256002150)

[11.56.2 Transitional regulatory proposal 1451](#_Toc256002151)

[11.56.3 Distribution determination for a transitional regulatory control period 1452](#_Toc256002152)

[11.56.4 Subsequent regulatory control period 1457](#_Toc256002153)

[11.56.5 Review of past capital expenditure 1462](#_Toc256002154)

[Division 3 Transitional provisions for NSW and Tasmanian Transmission Network Service Providers and Directlink 1462](#_Toc256002155)

[11.57 General provisions 1462](#_Toc256002156)

[11.57.1 Definitions 1462](#_Toc256002157)

[11.57.2 Transitional Chapter 6A 1463](#_Toc256002158)

[11.57.3 Application of rule 11.58 1464](#_Toc256002159)

[11.58 Special provisions applying to affected TNSPs 1465](#_Toc256002160)

[11.58.1 Requirement to make transmission determination 1465](#_Toc256002161)

[11.58.2 Requirement to submit a transitional Revenue Proposal 1465](#_Toc256002162)

[11.58.3 Transmission determination for a transitional regulatory control period 1466](#_Toc256002163)

[11.58.4 Subsequent regulatory control period 1468](#_Toc256002164)

[11.58.5 Review of past capital expenditure 1473](#_Toc256002165)

[Division 4 Transitional provisions for the Victorian TNSP 1473](#_Toc256002166)

[11.59 Special provisions applying to the Victorian TNSP 1473](#_Toc256002167)

[11.59.1 Definitions 1473](#_Toc256002168)

[11.59.2 Application of rule 11.59 1474](#_Toc256002169)

[11.59.3 Former Chapter 6A/10 applies 1474](#_Toc256002170)

[11.59.4 Review of past capital expenditure 1474](#_Toc256002171)

[Division 5 Transitional provisions for Qld/SA and Victorian Distribution Network Service Providers 1475](#_Toc256002172)

[11.60 Special provisions applying to the Qld/SA and Victorian Distribution Network Service Providers 1475](#_Toc256002173)

[11.60.1 Definitions 1475](#_Toc256002174)

[11.60.2 Application of rule 11.60 1476](#_Toc256002175)

[11.60.3 Distribution determination for next regulatory control period 1476](#_Toc256002176)

[11.60.4 Re-opening of distribution determination for next regulatory control period 1478](#_Toc256002177)

[11.60.5 Review of past capital expenditure 1480](#_Toc256002178)

[Division 6 Review of past capital expenditure 1480](#_Toc256002179)

[11.61 Definitions and application 1480](#_Toc256002180)

[11.62 Review of past capital expenditure under Chapter 6 1481](#_Toc256002181)

[11.63 Review of past capital expenditure under Chapter 6A 1481](#_Toc256002182)

[Part ZX Inter-regional Transmission Charging 1482](#_Toc256002183)

[11.64 Rules consequent on the making of the National Electricity Amendment (Inter-regional Transmission Charging) Rule 2013 1482](#_Toc256002184)

[11.64.1 Definitions 1482](#_Toc256002185)

[11.64.2 Amendments to the pricing methodology guidelines 1482](#_Toc256002186)

[11.64.3 Amendments to the pricing methodologies of Transmission Network Service Providers 1482](#_Toc256002187)

[11.64.4 Commencement of clause 6A.23.3(f) for further adjustments 1483](#_Toc256002188)

[Part ZY Network Service Provider Expenditure Objectives 1483](#_Toc256002189)

[11.65 Rules consequent on the making of the National Electricity Amendment (Network Service Provider Expenditure Objectives) Rule 2013 1483](#_Toc256002190)

[11.65.1 Definitions 1483](#_Toc256002191)

[11.65.2 Application of rule 11.65 1483](#_Toc256002192)

[Part ZZ Access to NMI Standing Data 1484](#_Toc256002193)

[11.66 Rules consequent on the making of the National Electricity Amendment (Access to NMI Standing Data) Rule 2013 1484](#_Toc256002194)

[11.66.1 Definitions 1484](#_Toc256002195)

[11.66.2 Minor amendment of the Market Settlement and Transfer Solution Procedures 1484](#_Toc256002196)

[Part ZZA Publication of Zone Substation Data 1485](#_Toc256002197)

[11.67 Rules consequent on the making of the National Electricity Amendment (Publication of Zone Substation Data) Rule 2014 1485](#_Toc256002198)

[11.67.1 Definitions 1485](#_Toc256002199)

[11.67.2 Distribution Network Service Providers' obligations to commence on the next DAPR date 1485](#_Toc256002200)

[Part ZZB Connecting Embedded Generators 1485](#_Toc256002201)

[11.68 Rules consequential on the making of the National Electricity Amendment (Connecting embedded generators) Rule 2014 1485](#_Toc256002202)

[11.68.1 Definitions 1485](#_Toc256002203)

[11.68.2 Continuation of enquiries lodged 1485](#_Toc256002204)

[Part ZZC Customer access to information about their energy consumption 1486](#_Toc256002205)

[11.69 Rules consequential on the making of the National Electricity Amendment (Customer access to information about their energy consumption) Rule 2014 1486](#_Toc256002206)

[11.69.1 Definitions 1486](#_Toc256002207)

[11.69.2 AEMO to develop and publish the metering data provision procedure 1486](#_Toc256002208)

[Part ZZD National Electricity Amendment (Distribution Network Pricing Arrangements) Rule 2014 1486](#_Toc256002209)

[Division 1 Miscellaneous transitional provisions 1486](#_Toc256002210)

[11.70 General provisions 1486](#_Toc256002211)

[11.70.1 Definitions 1486](#_Toc256002212)

[11.70.2 Application of Part ZZB 1487](#_Toc256002213)

[11.71 Special provisions applying to SA TNSP 1487](#_Toc256002214)

[Division 2 Transitional provisions for NSW/ACT and Qld/SA Distribution Network Service Providers 1488](#_Toc256002215)

[11.72 General provisions 1488](#_Toc256002216)

[11.72.1 Definitions 1488](#_Toc256002217)

[11.73 Special provisions applying to affected DNSPs 1488](#_Toc256002218)

[11.73.1 Distribution determination and pricing proposals 1488](#_Toc256002219)

[11.73.2 Tariff structure statement 1489](#_Toc256002220)

[11.73.3 Dispute resolution 1495](#_Toc256002221)

[Division 3 Transitional provisions for Tasmanian Distribution Network Service Provider 1495](#_Toc256002222)

[11.74 Application of former Chapter 6 1495](#_Toc256002223)

[Division 4 Transitional provisions for Victorian Distribution Network Service Providers 1495](#_Toc256002224)

[11.75 General provisions 1495](#_Toc256002225)

[11.75.1 Definitions 1495](#_Toc256002226)

[11.76 Special provisions applying to affected DNSPs 1495](#_Toc256002227)

[11.76.1 Distribution determination and pricing proposals 1495](#_Toc256002228)

[11.76.2 Tariff structure statement 1496](#_Toc256002229)

[11.76.3 Dispute resolution 1502](#_Toc256002230)

[Part ZZE Early Application of Network Capability Component (STPIS) 1502](#_Toc256002231)

[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 1502](#_Toc256002232)

[11.77.1 Definitions 1502](#_Toc256002233)

[11.77.2 Purpose 1502](#_Toc256002234)

[11.77.3 Earlier application of the network capability component of the service target performance incentive scheme 1503](#_Toc256002235)

[Part ZZF National Electricity Amendment (Governance arrangements and implementation of the reliability standard and settings) Rule 2015 1505](#_Toc256002236)

[11.78 Rules consequent on the making of the National Electricity Amendment (Governance arrangements and implementation of the reliability standards and settings) Rule 2015 1505](#_Toc256002237)

[11.78.1 Definitions 1505](#_Toc256002238)

[11.78.2 Existing power system security and reliability standards 1505](#_Toc256002239)

[11.78.3 Reliability standard and settings guidelines 1506](#_Toc256002240)

[11.78.4 Reliability standard implementation guidelines 1506](#_Toc256002241)

[Part ZZG Improving demand side participation information provided to AEMO by registered participants 1508](#_Toc256002242)

[11.79 Rules consequential on making of the National Electricity Amendment (Improving demand side participation information provided to AEMO by registered participants) Rule 2015 1508](#_Toc256002243)

[11.79.1 AEMO to develop and publish the demand side participation information guidelines 1508](#_Toc256002244)

[Part ZZH Transitional Arrangements for Aligning TasNetworks' regulatory control periods 1509](#_Toc256002245)

[11.80 National Electricity Amendment (Aligning TasNetworks' regulatory control periods) Rule 2015 1509](#_Toc256002246)

[11.80.1 Definitions 1509](#_Toc256002247)

[11.80.2 Application of rule 11.80 1509](#_Toc256002248)

[11.80.3 Next regulatory control period 1509](#_Toc256002249)

[11.80.4 Subsequent regulatory control period 1509](#_Toc256002250)

[Part ZZI System Restart Ancillary Services 1510](#_Toc256002251)

[11.81 Rules consequential on the making of the National Electricity Amendment (System Restart Ancillary Services) Rule 2015 1510](#_Toc256002252)

[11.81.1 Definitions 1510](#_Toc256002253)

[11.81.2 System restart standard 1510](#_Toc256002254)

[11.81.3 SRAS Guideline 1510](#_Toc256002255)

[11.81.4 Regional Benefit Ancillary Services Procedures 1510](#_Toc256002256)

[11.81.5 Consultation prior to the Commencement Date 1510](#_Toc256002257)

[11.81.6 Existing SRAS Contract 1510](#_Toc256002258)

[Part ZZJ Demand management incentive scheme 1511](#_Toc256002259)

[11.82 Rules consequential on making of the National Electricity Amendment (Demand management incentive scheme) Rule 2015 1511](#_Toc256002260)

[11.82.1 Definitions 1511](#_Toc256002261)

[11.82.2 AER to develop and publish the demand management incentive scheme and demand management innovation allowance mechanism 1511](#_Toc256002262)

[Part ZZK AEMO access to demand forecasting information 1511](#_Toc256002263)

[11.83 Rules consequential on the making of the National Electricity Amendment (AEMO access to demand forecasting information) Rule 2015 1511](#_Toc256002264)

[11.83.1 AEMO to include supporting information in NTNDP database 1511](#_Toc256002265)

[Part ZZL Compensation arrangements following application of an Administered Price Cap or Administered Floor Price 1512](#_Toc256002266)

[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 1512](#_Toc256002267)

[11.84.1 Definitions 1512](#_Toc256002268)

[11.84.2 Compensation Guidelines 1512](#_Toc256002269)

[Part ZZM Common definitions of distribution reliability measures 1512](#_Toc256002270)

[11.85 Rules consequential on the making of the National Electricity Amendment (Common definitions of distribution reliability measures) Rule 2015 1512](#_Toc256002271)

[11.85.1 Definitions 1512](#_Toc256002272)

[11.85.2 Distribution reliability measures guidelines 1512](#_Toc256002273)

[11.85.3 Amended STPIS 1512](#_Toc256002274)

[Part ZZN Expanding competition in metering and metering related services 1513](#_Toc256002275)

[11.86 Rules consequent on making of the National Electricity Amendment (Expanding competition in metering and related services) Rule 2015 1513](#_Toc256002276)

[11.86.1 Definitions 1513](#_Toc256002277)

[11.86.2 References to old Chapter 7 1513](#_Toc256002278)

[11.86.3 References to provisions of the old Chapter 7 1513](#_Toc256002279)

[11.86.4 References to responsible person 1513](#_Toc256002280)

[11.86.5 Continued operation of old Rules until the effective date 1513](#_Toc256002281)

[11.86.6 New and amended procedures 1514](#_Toc256002282)

[11.86.7 Metering Coordinator for type 5 or 6 metering installation from effective date 1515](#_Toc256002283)

[11.86.8 Distribution Ring Fencing Guidelines 1517](#_Toc256002284)

[11.86.9 [Deleted] 1517](#_Toc256002285)

[Part ZZO Embedded Networks 1517](#_Toc256002286)

[11.87 Rules consequential on the making of the National Electricity Amendment (Embedded Networks) Rule 2015 1517](#_Toc256002287)

[11.87.1 Definitions 1517](#_Toc256002288)

[11.87.2 Amended Procedures and NMI Standing Data Schedule 1518](#_Toc256002289)

[11.87.3 ENM service level procedures and guide to embedded networks and list of Embedded Network Managers 1518](#_Toc256002290)

[11.87.4 Exemptions under section 13 of the National Electricity Law 1518](#_Toc256002291)

[Part ZZP Meter Replacement Processes 1519](#_Toc256002292)

[11.88 Rules consequential on the making of the National Electricity Amendment (Meter Replacement Processes) Rule 2016 1519](#_Toc256002293)

[11.88.1 Definitions 1519](#_Toc256002294)

[11.88.2 Amended Procedures 1519](#_Toc256002295)

[Part ZZQ Energy Adequacy Assessment Projection 1519](#_Toc256002296)

[11.89 Rules consequential to the National Electricity Amendment (Energy Adequacy Assessment Projection timeframes) Rule 2016 1519](#_Toc256002297)

[11.89.1 Amended guideline and timetable 1519](#_Toc256002298)

[Part ZZR Reliability and emergency reserve trader (2016 amendments) 1520](#_Toc256002299)

[11.90 Rules consequent on the making of the National Electricity Amendment (Extension of the Reliability and Emergency Reserve Trader) Rule 2016 1520](#_Toc256002300)

[11.90.1 Definitions 1520](#_Toc256002301)

[11.90.2 Amendments to Reliability Panel's RERT Guidelines 1520](#_Toc256002302)

[11.90.3 Amendments to AEMO's RERT procedures 1520](#_Toc256002303)

[11.90.4 Reserve contracts entered into before Schedule 2 commencement date 1520](#_Toc256002304)

[Part ZZS Updating the electricity B2B framework 1520](#_Toc256002305)

[11.91 Rules consequential on the making of the National Electricity Amendment (Updating the electricity B2B framework) rule 2016 1520](#_Toc256002306)

[11.91.1 Definitions 1520](#_Toc256002307)

[11.91.2 B2B Procedures 1521](#_Toc256002308)

[11.91.3 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1521](#_Toc256002309)

[11.91.4 The New IEC 1522](#_Toc256002310)

[11.91.5 Amended Procedures 1523](#_Toc256002311)

[11.91.6 B2B e-Hub Participant accreditation process 1524](#_Toc256002312)

[11.91.7 New IEC Budget and 2016 Annual Report 1524](#_Toc256002313)

[11.91.8 Cost recovery 1524](#_Toc256002314)

[Part ZZT Application of Offsets in the Prudential Margin Calculation 1525](#_Toc256002315)

[11.92 Rules consequential on the making of the National Electricity Amendment (Application of Offsets in the Prudential Margin Calculation) Rule 2016 1525](#_Toc256002316)

[11.92.1 Definitions 1525](#_Toc256002317)

[11.92.2 Amended procedures 1525](#_Toc256002318)

[Part ZZU Rate of Return Guidelines Review 1525](#_Toc256002319)

[11.93 Rules consequential on the making of the National Electricity Amendment (Rate of Return Guidelines Review) Rule 2016 1525](#_Toc256002320)

[11.93.1 Definitions 1525](#_Toc256002321)

[11.93.2 Application of current rate of return guidelines to making of a distribution determination for the subsequent regulatory control period 1527](#_Toc256002322)

[Part ZZV Demand Response Mechanism and Ancillary Services Unbundling 1527](#_Toc256002323)

[11.94 Rules consequential on the making of the National Electricity Amendment (Demand Response Management and Ancillary Services Unbundling) rule 2016 1527](#_Toc256002324)

[11.94.1 Definitions 1527](#_Toc256002325)

[11.94.2 Participant fees for Market Ancillary Service Providers 1527](#_Toc256002326)

[Part ZZW Local Generation Network Credits 1527](#_Toc256002327)

[11.95 Rules consequential on the making of the National Electricity Amendment (Local Generation Network Credits) Rule 2016 1527](#_Toc256002328)

[11.95.1 Definitions 1527](#_Toc256002329)

[11.95.2 System limitation template 1528](#_Toc256002330)

[Part ZZX Retailer-Distributor Credit Support Requirements 1528](#_Toc256002331)

[11.96 Rules consequent on the making of the National Electricity Amendment (Retailer Distributor Credit Support Requirements) Rule 2017 No. 1 1528](#_Toc256002332)

[11.96.1 Definitions 1528](#_Toc256002333)

[11.96.2 Continued operation of old Chapter 6B 1528](#_Toc256002334)

[11.96.3 Interaction with Chapter 6 1528](#_Toc256002335)

[11.96.4 Application of new Chapter 6B 1528](#_Toc256002336)

[Part ZZY Emergency Frequency Control Schemes 1529](#_Toc256002337)

[11.97 Rules consequent on the making of the National Electricity Amendment (Emergency frequency control schemes) Rule 2017 1529](#_Toc256002338)

[11.97.1 Definitions 1529](#_Toc256002339)

[11.97.2 Interim frequency operating standards for protected events 1529](#_Toc256002340)

[11.97.3 First power system frequency risk review 1530](#_Toc256002341)

[11.97.4 AEMO must review existing load shedding procedures 1530](#_Toc256002342)

[11.97.5 Load shedding procedures 1530](#_Toc256002343)

[Part ZZZ Transmission Connection and Planning Arrangements 1531](#_Toc256002344)

[11.98 Rules consequential on the making of the National Electricity Amendment (Transmission Connection and Planning Arrangements) Rule 2017 1531](#_Toc256002345)

[11.98.1 Definitions 1531](#_Toc256002346)

[11.98.2 Grandfathering of existing dedicated connection assets 1532](#_Toc256002347)

[11.98.3 Preparatory steps for registration changes under the Amending Rule 1532](#_Toc256002348)

[11.98.4 Participant fees for Dedicated Connection Asset Service Providers 1533](#_Toc256002349)

[11.98.5 Existing Connection Agreements 1533](#_Toc256002350)

[11.98.6 Connection process 1533](#_Toc256002351)

[11.98.7 Transmission Annual Planning Report 1534](#_Toc256002352)

[11.98.8 Preservation for adoptive jurisdictions 1534](#_Toc256002353)

[Part ZZZA Replacement expenditure planning arrangements 1534](#_Toc256002354)

[11.99 Rules consequential on the making of the National Electricity Amendment (Replacement expenditure planning arrangements) Rule 2017 1534](#_Toc256002355)

[11.99.1 Definitions 1534](#_Toc256002356)

[11.99.2 Interpretation 1535](#_Toc256002357)

[11.99.3 Transitional arrangements for affected DNSPs 1536](#_Toc256002358)

[11.99.4 Amendments to RIT documentation 1536](#_Toc256002359)

[11.99.5 Transitional arrangements relating to excluded projects 1536](#_Toc256002360)

[11.99.6 Transitional arrangements relating to Victorian bushfire mitigation projects 1536](#_Toc256002361)

[11.99.7 Transitional arrangements relating to review of costs thresholds 1537](#_Toc256002362)

[Part ZZZB Managing the rate of change of power system frequency 1537](#_Toc256002363)

[11.100 Rules consequential on the making of the National Electricity Amendment (Managing the rate of change of power system frequency) Rule 2017 1537](#_Toc256002364)

[11.100.1 Definitions 1537](#_Toc256002365)

[11.100.2 Inertia sub-networks 1538](#_Toc256002366)

[11.100.3 Inertia requirements methodology 1538](#_Toc256002367)

[11.100.4 Inertia requirements 1538](#_Toc256002368)

[11.100.5 NSCAS not to be used to meet an inertia shortfall after 1 July 2019 1539](#_Toc256002369)

[11.100.6 Inertia network services may be used to meet an NSCAS gap declared in the NSCAS transition period 1539](#_Toc256002370)

[11.100.7 Inertia network services made available before the commencement date 1540](#_Toc256002371)

[Part ZZZC Managing power system fault levels 1540](#_Toc256002372)

[11.101 Rules consequential on the making of the National Electricity Amendment (Managing power system fault levels) Rule 2017 1540](#_Toc256002373)

[11.101.1 Definitions 1540](#_Toc256002374)

[11.101.2 System strength impact assessment guidelines 1542](#_Toc256002375)

[11.101.3 System strength requirements methodology 1542](#_Toc256002376)

[11.101.4 System strength requirements 1542](#_Toc256002377)

[11.101.5 NSCAS not to be used to meet a fault level shortfall after 1 July 2019 1543](#_Toc256002378)

[11.101.6 System strength services may be used to meet an NSCAS gap declared in the NSCAS transition period 1543](#_Toc256002379)

[11.101.7 Withdrawal of a system strength-related NSCAS gap already declared 1544](#_Toc256002380)

[11.101.8 System strength services made available before the commencement date 1544](#_Toc256002381)

[Part ZZZD Generating System Model Guidelines 1544](#_Toc256002382)

[11.102 Making of Power System Model Guidelines 1544](#_Toc256002383)

[Part ZZZE Five Minute Settlement 1544](#_Toc256002384)

[11.103 Rules consequential on the making of the National Electricity Amendment (Five Minute Settlement) Rule 2017 1544](#_Toc256002385)

[11.103.1 Definitions 1544](#_Toc256002386)

[11.103.2 Amendments to procedures 1545](#_Toc256002387)

[11.103.3. Exemption for certain metering installations 1546](#_Toc256002388)

[11.103.4 New or replacement meters 1546](#_Toc256002389)

[11.103.5 Metering installations exempt from metering data provision requirements 1547](#_Toc256002390)

[11.103.6 Exemption from meter data storage requirements 1547](#_Toc256002391)

[11.103.7 Default offers and bids submitted prior to the commencement date 1547](#_Toc256002392)

[Part ZZZF Contestability of energy services 1547](#_Toc256002393)

[11.104 Rules consequential on the making of the National Electricity Amendment (Contestability of energy services) Rule 2017 1547](#_Toc256002394)

[11.104.1 Definitions 1547](#_Toc256002395)

[11.104.2 New guidelines 1549](#_Toc256002396)

[11.104.3 Transitional arrangements for application of Distribution Service Classification Guidelines and service classification provisions 1549](#_Toc256002397)

[11.104.4 Transitional arrangements for application of Asset Exemption Guidelines, exemption applications and asset exemption decisions 1549](#_Toc256002398)

[11.104.5 Transitional arrangements for adjustment in value of regulatory asset base 1551](#_Toc256002399)

[Part ZZZG Declaration of lack of reserve conditions 1551](#_Toc256002400)

[11.105 Making of lack of reserve declaration guidelines 1551](#_Toc256002401)

[11.105.1 Definitions 1551](#_Toc256002402)

[11.105.2 Making of lack of reserve declaration guidelines 1551](#_Toc256002403)

[Part ZZZH Implementation of demand management incentive scheme 1551](#_Toc256002404)

[11.106 Implementation of demand management incentive scheme 1551](#_Toc256002405)

[11.106.1 Definitions 1551](#_Toc256002406)

[11.106.2 Purpose 1552](#_Toc256002407)

[11.106.3 Early application of revised demand management incentive scheme 1552](#_Toc256002408)

[Part ZZZI Reinstatement of long notice Reliability and Emergency Reserve Trader 1553](#_Toc256002409)

[11.107 Rules consequential on the making of the National Electricity Amendment (Reinstatement of long notice Reliability and Emergency Reserve Trader) Rule 2018 1553](#_Toc256002410)

[11.107.1 Definitions 1553](#_Toc256002411)

[11.107.2 New RERT guidelines 1554](#_Toc256002412)

[11.107.3 Amendments to RERT procedures 1557](#_Toc256002413)

[11.107.4 Reserve contracts entered into before the commencement date 1557](#_Toc256002414)

[Part ZZZJ Register of distributed energy resources 1557](#_Toc256002415)

[11.108 Rules consequential on the making of the National Electricity Amendment (Register of distributed energy resources) Rule 2018 1557](#_Toc256002416)

[11.108.1 Definitions 1557](#_Toc256002417)

[11.108.2 AEMO to develop and publish DER register information guidelines 1558](#_Toc256002418)

[11.108.3 NSPs to provide AEMO with existing DER generation information 1558](#_Toc256002419)

[Part ZZZK Generator technical performance standards 1558](#_Toc256002420)

[11.109 Rules consequential on the making of the National Electricity Amendment (Generator technical performance standards) Rule 2018 1558](#_Toc256002421)

[11.109.1 Definitions 1558](#_Toc256002422)

[11.109.2 Application of the Amending Rule to existing connection enquiries 1559](#_Toc256002423)

[11.109.3 Application of the Amending Rule to existing applications to connect 1560](#_Toc256002424)

[11.109.4 Application of the Amending Rule to existing offers to connect 1562](#_Toc256002425)

[11.109.5 Application of the Amending Rule to Existing Connection Agreements 1562](#_Toc256002426)

[Part ZZZL Generator three year notice of closure 1563](#_Toc256002427)

[11.110 Rules consequential on the making of the National Electricity Amendment (Generator three year notice of closure) Rule 2018 1563](#_Toc256002428)

[11.110.1 Definitions 1563](#_Toc256002429)

[11.110.2 AER to develop and publish notice of closure exemption guideline 1563](#_Toc256002430)

[11.110.3 Application of Amending Rule to AEMO 1563](#_Toc256002431)

[11.110.4 Application of Amending Rule to Generators 1563](#_Toc256002432)

[Part ZZZM Participant compensation following market suspension 1564](#_Toc256002433)

[11.111 Rules consequential on the making of the National Electricity Amendment (Participant compensation following market suspension) Rule 2018 1564](#_Toc256002434)

[11.111.1 Definitions 1564](#_Toc256002435)

[11.111.2 Market suspension compensation methodology and schedule of benchmark values 1564](#_Toc256002436)

[Part ZZZN Global settlement and market reconciliation 1564](#_Toc256002437)

[11.112 Rules consequential on the making of the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 1564](#_Toc256002438)

[11.112.1 Definitions 1564](#_Toc256002439)

[11.112.2 Amendments to AEMO procedures 1565](#_Toc256002440)

[11.112.3 AEMO to publish report on unaccounted for energy trends 1565](#_Toc256002441)

[11.112.4 Continuation of registration for non-market generators 1565](#_Toc256002442)

[11.112.5 Publication of UFE data by AEMO 1565](#_Toc256002443)

[11.112.6 Publication of UFE reporting guidelines 1566](#_Toc256002444)

[Part ZZZO Metering installation timeframes 1566](#_Toc256002445)

[11.113 Rules consequential on making of the National Electricity Amendment (Metering installation timeframes) Rule 2018 1566](#_Toc256002446)

[11.113.1 Definitions 1566](#_Toc256002447)

[11.113.2 Timeframes for meters to be installed 1566](#_Toc256002448)

[Part ZZZP Early implementation of ISP priority projects 1567](#_Toc256002449)

[11.114 National Electricity Amendment (Early implementation of ISP priority projects) Rule 2019 1567](#_Toc256002450)

[11.114.1 Definitions 1567](#_Toc256002451)

[11.114.2 Modifications to clause 5.16.6 for ISP VNI and QNI projects 1568](#_Toc256002452)

[11.114.3 Modifications to clause 6A.8.2 for ISP projects 1569](#_Toc256002453)

[Part ZZZQ Enhancement to the Reliability and Emergency Reserve Trader 1571](#_Toc256002454)

[11.115 Rules consequential on the making of the National Electricity Amendment (Enhancement to the reliability and emergency reserve trader) Rule 2019 1571](#_Toc256002455)

[11.115.1 Definitions 1571](#_Toc256002456)

[11.115.2 New RERT guidelines 1572](#_Toc256002457)

[11.115.3 Amendments to RERT procedures 1572](#_Toc256002458)

[11.115.4 Reserve contracts entered into before the commencement date 1572](#_Toc256002459)

[11.115.5 Clause 3.20.6 (Reporting on RERT by AEMO) 1572](#_Toc256002460)

[Part ZZZR Retailer Reliability Obligation 1572](#_Toc256002461)

[11.116 Rules consequential on the making of the National Electricity Amendment (Retailer Reliability Obligation) Rule 2019 1572](#_Toc256002462)

[11.116.1 Application 1572](#_Toc256002463)

[11.116.2 Reliability Instrument Guidelines 1573](#_Toc256002464)

[11.116.3 Forecasting Best Practice Guidelines 1573](#_Toc256002465)

[11.116.4 Reliability Forecast Guidelines 1573](#_Toc256002466)

[11.116.5 AER Opt-in Guidelines 1574](#_Toc256002467)

[11.116.6 Contracts and Firmness Guidelines 1574](#_Toc256002468)

[11.116.7 Qualifying contracts under interim Contracts and Firmness Guidelines 1574](#_Toc256002469)

[11.116.8 Grandfathering arrangements 1574](#_Toc256002470)

[11.116.9 Reliability Compliance Procedures and Guidelines 1575](#_Toc256002471)

[11.116.10 MLO Guidelines 1576](#_Toc256002472)

[11.116.11 Application of Part G, Divisions 2 – 6 (inclusive) 1576](#_Toc256002473)

[11.116.12 Interim deeming of MLO generators and MLO groups 1577](#_Toc256002474)

[11.116.13 MLO information template 1583](#_Toc256002475)

[11.116.14 Initial MLO register 1584](#_Toc256002476)

[11.116.15 Approved MLO products list 1584](#_Toc256002477)

[11.116.16 Designated MLO exchange 1584](#_Toc256002478)

[11.116.17 Five minute settlement intervals 1584](#_Toc256002479)

[11.116.18 Review by AEMC 1584](#_Toc256002480)

[Part ZZZS Transparency of new projects 1585](#_Toc256002481)

[11.117 Rules consequential on the making of the National Electricity Amendment (Transparency of new projects) Rule 2019 1585](#_Toc256002482)

[11.117.1 Definitions 1585](#_Toc256002483)

[11.117.2 Generation information page 1585](#_Toc256002484)

[11.117.3 Generation information guidelines 1585](#_Toc256002485)

[11.117.4 Provision and use of information 1586](#_Toc256002486)

[Part ZZZT Demand management incentive scheme and innovation allowance for TNSPs 1586](#_Toc256002487)

[11.118 Rules consequential on the making of the National Electricity Amendment (Demand management incentive scheme and innovation allowance for TNSPs) Rule 2019 1586](#_Toc256002488)

[11.118.1 Definitions 1586](#_Toc256002489)

[11.118.2 AER to develop and publish the demand management innovation allowance mechanism 1586](#_Toc256002490)

[Part ZZZU Application of the regional reference node test to the Reliability and Emergency Reserve Trader 1587](#_Toc256002491)

[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 1587](#_Toc256002492)

[11.119.1 Definitions 1587](#_Toc256002493)

[11.119.2 AEMO intervention event in effect on commencement date 1587](#_Toc256002494)

[Part ZZZV Improving Transparency and Extending Duration of MT PASA 1587](#_Toc256002495)

[11.120 Rules consequential on the making of the National Electricity Amendment (Improving transparency and extending duration of MT PASA) Rule 2020 1587](#_Toc256002496)

[11.120.1 AEMO to update spot market operations timetable 1587](#_Toc256002497)

[Part ZZZW Victorian jurisdictional derogation – RERT contracting 1587](#_Toc256002498)

[11.121 Rules consequential on the making of the National Electricity Amendment (Victorian jurisdictional derogation - RERT contracting) Rule 2020 1587](#_Toc256002499)

[11.121.1 Definitions 1587](#_Toc256002500)

[11.121.2 Procedures 1588](#_Toc256002501)

[Part ZZZX Mandatory primary frequency response 1588](#_Toc256002502)

[11.122 Rules consequential on the making of the National Electricity Amendment (Mandatory primary frequency response) Rule 2020 1588](#_Toc256002503)

[11.122.1 Definitions 1588](#_Toc256002504)

[11.122.2 Interim Primary Frequency Response Requirements 1588](#_Toc256002505)

[11.122.3 Action taken prior to commencement 1589](#_Toc256002506)

[Part ZZZY System restart services, standards and testing 1589](#_Toc256002507)

[11.123 Rules consequential on the making of the National Electricity Amendment (System restart services, standards and testing) Rule 2020 1589](#_Toc256002508)

[11.123.1 Definitions 1589](#_Toc256002509)

[11.123.2 SRAS Guideline 1589](#_Toc256002510)

[11.123.3 System restart standard 1590](#_Toc256002511)

[11.123.4 Communication protocols 1590](#_Toc256002512)

[11.123.5 System restart tests 1590](#_Toc256002513)

[Part ZZZZ Introduction of metering coordinator planned interruptions 1590](#_Toc256002514)

[11.124 Rules consequential on the making of the National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 1590](#_Toc256002515)

[11.124.1 Definitions 1590](#_Toc256002516)

[11.124.2 Amendments of the metrology procedure 1591](#_Toc256002517)

[11.124.3 Market Settlement and Transfer Solutions Procedures 1591](#_Toc256002518)

[11.124.4 Requirements of the metrology procedure 1591](#_Toc256002519)

[Part ZZZZA Wholesale demand response 1591](#_Toc256002520)

[11.125 Rules consequential on the making of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 1591](#_Toc256002521)

[11.125.1 Definitions 1591](#_Toc256002522)

[11.125.2 Wholesale demand response guidelines 1592](#_Toc256002523)

[11.125.3 Baseline methodologies 1593](#_Toc256002524)

[11.125.4 Wholesale demand response participation guidelines 1593](#_Toc256002525)

[11.125.5 Extension of time for registration and aggregation 1593](#_Toc256002526)

[11.125.6 Amendments to AEMO, AER and AEMC documents 1593](#_Toc256002527)

[11.125.7 Amendments to the demand side participation information guidelines 1594](#_Toc256002528)

[11.125.8 Amendment to RERT guidelines 1594](#_Toc256002529)

[11.125.9 Renaming of Market Ancillary Service Providers 1595](#_Toc256002530)

[11.125.10 Wholesale demand response annual reporting 1595](#_Toc256002531)