**National Electricity Rules Version 140**

**Historical Information**

This version of the National Electricity Rules was current from 28 May 2020 to 3 June 2020.

National Electricity Rules

Version 140

Status Information

This is the latest electronically available version of the National Electricity Rules as at 28 May 2020.

This consolidated version of the National Electricity Rules was last updated on 28 May 2020 as a result of the commencement of the following amendments:

Schedule 3 of the National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 No. 7

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

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

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

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

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

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

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

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

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

Provisions in force

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

Schedule 1 of the National Electricity Amendment (Mandatory primary frequency response) Rule 2020 No. 5 will commence operation on 4 June 2020.

National Electricity Amendment (Minor changes 2) Rule 2020 No. 8 will commence operation on 4 June 2020.

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 on 20 August 2020.

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

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 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 238](#_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 266](#_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] 279](#_Toc256000339)

[3.18 Settlements Residue Auctions 279](#_Toc256000340)

[3.18.1 Settlements residue concepts 279](#_Toc256000341)

[3.18.2 Auctions and eligible persons 280](#_Toc256000342)

[3.18.3 Auction rules 281](#_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 290](#_Toc256000354)

[3.20.6 Reporting on RERT by AEMO 290](#_Toc256000355)

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

[3.20.8 RERT Guidelines 294](#_Toc256000357)

[3.20.9 [Deleted] 295](#_Toc256000358)

[Schedule 3.1 Bid and Offer Validation Data 295](#_Toc256000359)

[Schedule 3.2 [Deleted] 299](#_Toc256000360)

[Schedule 3.3 [Deleted] 299](#_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)

[4.4.3 Generator protection requirements 321](#_Toc256000385)

[4.4.4 Instructions to enable inertia network services 322](#_Toc256000386)

[4.4.5 Instructions to enable system strength services 323](#_Toc256000387)

[4.5 Control of Power System Voltage 324](#_Toc256000388)

[4.5.1 Power system voltage control 324](#_Toc256000389)

[4.5.2 Reactive power reserve requirements 325](#_Toc256000390)

[4.5.3 Audit and testing 325](#_Toc256000391)

[4.6 Protection of Power System Equipment 325](#_Toc256000392)

[4.6.1 Power system fault levels 325](#_Toc256000393)

[4.6.2 Power system protection co-ordination 326](#_Toc256000394)

[4.6.3 Audit and testing 326](#_Toc256000395)

[4.6.4 Short-term thermal ratings of power system 326](#_Toc256000396)

[4.6.5 Partial outage of power protection systems 326](#_Toc256000397)

[4.6.6 System strength impact assessment guidelines 327](#_Toc256000398)

[4.7 Power System Stability Co-ordination 328](#_Toc256000399)

[4.7.1 Stability analysis co-ordination 328](#_Toc256000400)

[4.7.2 Audit and testing 329](#_Toc256000401)

[4.8 Power System Security Operations 329](#_Toc256000402)

[4.8.1 Registered Participants' advice 329](#_Toc256000403)

[4.8.2 Protection or control system abnormality 329](#_Toc256000404)

[4.8.3 AEMO's advice on power system emergency conditions 329](#_Toc256000405)

[4.8.4 Declaration of conditions 330](#_Toc256000406)

[4.8.4A Reserve level declaration guidelines 330](#_Toc256000407)

[4.8.4B Lack of reserve framework reporting 331](#_Toc256000408)

[4.8.5 Managing declarations of conditions 331](#_Toc256000409)

[4.8.5A Determination of the latest time for AEMO intervention 332](#_Toc256000410)

[4.8.5B Notifications of last time of AEMO intervention 333](#_Toc256000411)

[4.8.6 [Deleted] 333](#_Toc256000412)

[4.8.7 Managing a power system contingency event 333](#_Toc256000413)

[4.8.8 [Deleted] 334](#_Toc256000414)

[4.8.9 Power to issue directions and clause 4.8.9 instructions 334](#_Toc256000415)

[4.8.9A System security directions 336](#_Toc256000416)

[4.8.10 Disconnection of generating units and market network services 336](#_Toc256000417)

[4.8.11 [Deleted] 336](#_Toc256000418)

[4.8.12 System restart plan and local black system procedures 336](#_Toc256000419)

[4.8.13 [Deleted] 338](#_Toc256000420)

[4.8.14 Power system restoration 338](#_Toc256000421)

[4.8.15 Review of operating incidents 338](#_Toc256000422)

[4.8.16 AEMO reporting on frequency performance 340](#_Toc256000423)

[4.9 Power System Security Related Market Operations 341](#_Toc256000424)

[4.9.1 Load forecasting 341](#_Toc256000425)

[4.9.2 Instructions to Scheduled Generators and Semi-Scheduled Generators 342](#_Toc256000426)

[4.9.2A Dispatch Instructions to Scheduled Network Service Providers 343](#_Toc256000427)

[4.9.3 Instructions to Registered Participants 343](#_Toc256000428)

[4.9.3A Ancillary services instructions 344](#_Toc256000429)

[4.9.3B Compliance with dispatch instructions 345](#_Toc256000430)

[4.9.4 Dispatch related limitations on Scheduled Generators and Semi-Scheduled Generators 345](#_Toc256000431)

[4.9.4A Dispatch related limitations on Scheduled Network Service Providers 346](#_Toc256000432)

[4.9.5 Form of dispatch instructions 347](#_Toc256000433)

[4.9.6 Commitment of scheduled generating units 347](#_Toc256000434)

[4.9.7 De-commitment, or output reduction, by Scheduled Generators 348](#_Toc256000435)

[4.9.8 General responsibilities of Registered Participants 349](#_Toc256000436)

[4.9.9 Scheduled Generator plant changes 350](#_Toc256000437)

[4.9.9A Scheduled Network Service Provider plant changes 350](#_Toc256000438)

[4.9.9B Ancillary service plant changes 351](#_Toc256000439)

[4.9.9C Inertia network service availability changes 351](#_Toc256000440)

[4.9.9D System strength service availability changes 351](#_Toc256000441)

[4.10 Power System Operating Procedures 351](#_Toc256000442)

[4.10.1 Power system operating procedures 351](#_Toc256000443)

[4.10.2 Transmission network operations 352](#_Toc256000444)

[4.10.3 Operating interaction with distribution networks 353](#_Toc256000445)

[4.10.4 Switching of a Distributor's high voltage networks 353](#_Toc256000446)

[4.10.5 Switching of reactive power facilities 354](#_Toc256000447)

[4.10.6 Automatic reclose 354](#_Toc256000448)

[4.10.7 Inspection of facilities by AEMO 354](#_Toc256000449)

[4.11 Power System Security Support 354](#_Toc256000450)

[4.11.1 Remote control and monitoring devices 354](#_Toc256000451)

[4.11.2 Operational control and indication communication facilities 356](#_Toc256000452)

[4.11.3 Power system voice/data operational communication facilities 356](#_Toc256000453)

[4.11.4 Records of power system operational communication 357](#_Toc256000454)

[4.11.5 Agent communications 358](#_Toc256000455)

[4.12 Nomenclature Standards 359](#_Toc256000456)

[4.13 [Deleted] 360](#_Toc256000457)

[4.14 Acceptance of Performance Standards 360](#_Toc256000458)

[4.15 Compliance with Performance Standards 361](#_Toc256000459)

[4.16 Transitioning arrangements for establishment of performance standards 365](#_Toc256000460)

[4.16.1 Definitions 365](#_Toc256000461)

[4.16.2 Exclusions 367](#_Toc256000462)

[4.16.3 Notification and acceptance of performance standards 367](#_Toc256000463)

[4.16.4 Actual capability 372](#_Toc256000464)

[4.16.5 Criteria for, and negotiation of, performance standards 372](#_Toc256000465)

[4.16.6 Consultation with and assistance by Network Service Providers 375](#_Toc256000466)

[4.16.7 Referral to expert determination 375](#_Toc256000467)

[4.16.8 Prior actions 376](#_Toc256000468)

[4.16.9 Deemed performance standards 376](#_Toc256000469)

[4.16.10 Modification of connection agreements 377](#_Toc256000470)

[4.17 Expert determination 377](#_Toc256000471)

[4.17.1 Performance standards committee and appointment of performance standards experts 377](#_Toc256000472)

[4.17.2 Referral to performance standards expert 378](#_Toc256000473)

[4.17.3 Determinations of performance standards experts 379](#_Toc256000474)

[4.17.4 Other matters 380](#_Toc256000475)

[4A. Retailer Reliability Obligation 383](#_Toc256000476)

[Part A Introduction 383](#_Toc256000477)

[4A.A Definitions 383](#_Toc256000478)

[4A.A.1 Definitions 383](#_Toc256000479)

[4A.A.2 Forecast reliability gap materiality 386](#_Toc256000480)

[4A.A.3 One-in-two year peak demand forecast 386](#_Toc256000481)

[4A.A.4 Peak demand 386](#_Toc256000482)

[Part B Reliability Forecasts 387](#_Toc256000483)

[4A.B.1 Reliability forecast 387](#_Toc256000484)

[4A.B.2 Reliability forecast components 387](#_Toc256000485)

[4A.B.3 Supporting materials 388](#_Toc256000486)

[4A.B.4 Reliability Forecast Guidelines 388](#_Toc256000487)

[4A.B.5 AER Forecasting Best Practice Guidelines 389](#_Toc256000488)

[Part C Reliability Instruments 390](#_Toc256000489)

[Division 1 AEMO request for a reliability instrument 390](#_Toc256000490)

[4A.C.1 AEMO request for a reliability instrument 390](#_Toc256000491)

[4A.C.2 AEMO request for a T-3 reliability instrument 390](#_Toc256000492)

[4A.C.3 AEMO request for a T-1 reliability instrument 390](#_Toc256000493)

[4A.C.4 Related T-3 reliability instrument 391](#_Toc256000494)

[4A.C.5 Notification of a closed forecast reliability gap at T-1 391](#_Toc256000495)

[4A.C.6 Corrections to a request 391](#_Toc256000496)

[4A.C.7 Withdrawing a request 392](#_Toc256000497)

[Division 2 AER making of a reliability instrument 392](#_Toc256000498)

[4A.C.8 AER making of a reliability instrument 392](#_Toc256000499)

[4A.C.9 When a decision by the AER must be made 392](#_Toc256000500)

[4A.C.10 T-1 reliability instrument components 393](#_Toc256000501)

[4A.C.11 AER decision making criteria 393](#_Toc256000502)

[4A.C.12 Reliability Instrument Guidelines 393](#_Toc256000503)

[Part D Liable Entities 394](#_Toc256000504)

[4A.D.1 Application 394](#_Toc256000505)

[4A.D.2 Liable entities 394](#_Toc256000506)

[4A.D.3 New entrants 394](#_Toc256000507)

[4A.D.4 Application to register as large opt-in customer 395](#_Toc256000508)

[4A.D.5 Application to register as prescribed opt-in customer 396](#_Toc256000509)

[4A.D.6 Thresholds 396](#_Toc256000510)

[4A.D.7 Opt-in cut-off day 397](#_Toc256000511)

[4A.D.8 AER approval of applications 397](#_Toc256000512)

[4A.D.9 AER opt-in register 397](#_Toc256000513)

[4A.D.10 Changes to register 398](#_Toc256000514)

[4A.D.11 AER register taken to be correct 398](#_Toc256000515)

[4A.D.12 AEMO Opt-In Procedures 399](#_Toc256000516)

[4A.D.13 AER Opt-In Guidelines 399](#_Toc256000517)

[Part E Qualifying Contracts and Net Contract Position 400](#_Toc256000518)

[Division 1 Key concepts 400](#_Toc256000519)

[4A.E.1 Qualifying contracts 400](#_Toc256000520)

[4A.E.2 Net contract position 401](#_Toc256000521)

[Division 2 Firmness methodologies 401](#_Toc256000522)

[4A.E.3 Firmness methodology 401](#_Toc256000523)

[4A.E.4 Types of methodologies 402](#_Toc256000524)

[4A.E.5 Approval of a bespoke firmness methodology 402](#_Toc256000525)

[Division 3 Reporting net contract position 403](#_Toc256000526)

[4A.E.6 Reporting requirements 403](#_Toc256000527)

[Division 4 Adjustment of net contract position 404](#_Toc256000528)

[4A.E.7 Adjustment of net contract position 404](#_Toc256000529)

[Division 5 Contracts and Firmness Guidelines 405](#_Toc256000530)

[4A.E.8 Contracts and Firmness Guidelines 405](#_Toc256000531)

[Part F Compliance with the Retailer Reliability Obligation 406](#_Toc256000532)

[Division 1 Application 406](#_Toc256000533)

[4A.F.1 Application 406](#_Toc256000534)

[Division 2 Key concepts 406](#_Toc256000535)

[4A.F.2 Compliance TI 406](#_Toc256000536)

[4A.F.3 Share of one-in-two year peak demand forecast 406](#_Toc256000537)

[Division 3 AEMO notifications to AER 408](#_Toc256000538)

[4A.F.4 AEMO notification of compliance trading intervals 408](#_Toc256000539)

[4A.F.5 AEMO compliance report 408](#_Toc256000540)

[Division 4 AER assessment of compliance 408](#_Toc256000541)

[4A.F.6 Reliability Compliance Procedures and Guidelines 408](#_Toc256000542)

[4A.F.7 AER assessment 409](#_Toc256000543)

[4A.F.8 AER notification to AEMO for PoLR costs 409](#_Toc256000544)

[Division 5 Miscellaneous 410](#_Toc256000545)

[4A.F.9 Demand response information 410](#_Toc256000546)

[4A.F.10 PoLR cost procedures 410](#_Toc256000547)

[Part G Market Liquidity Obligation 410](#_Toc256000548)

[Division 1 Preliminary 410](#_Toc256000549)

[4A.G.1 Overview of Part G 410](#_Toc256000550)

[4A.G.2 Purpose and application 411](#_Toc256000551)

[Division 2 Market Generators and trading right holders 411](#_Toc256000552)

[4A.G.3 Market Generators and generator capacity 411](#_Toc256000553)

[4A.G.4 Trading rights and trading right holders 411](#_Toc256000554)

[Division 3 Trading groups 412](#_Toc256000555)

[4A.G.5 Trading group 412](#_Toc256000556)

[4A.G.6 Controlling entity 412](#_Toc256000557)

[Division 4 Traced capacity and trading group capacity 414](#_Toc256000558)

[4A.G.7 Traced capacity 414](#_Toc256000559)

[4A.G.8 Tracing capacity to trading groups 414](#_Toc256000560)

[4A.G.9 Trading group capacity 415](#_Toc256000561)

[Division 5 MLO generators and MLO groups 415](#_Toc256000562)

[4A.G.10 MLO group 415](#_Toc256000563)

[4A.G.11 MLO generator 415](#_Toc256000564)

[Division 6 Market Generator information 415](#_Toc256000565)

[4A.G.12 MLO register 415](#_Toc256000566)

[4A.G.13 Market Generator information 417](#_Toc256000567)

[4A.G.14 Applications to the AER 418](#_Toc256000568)

[Division 7 Liquidity period 418](#_Toc256000569)

[4A.G.15 Notices prior to a liquidity period 418](#_Toc256000570)

[4A.G.16 Duration of liquidity period 419](#_Toc256000571)

[Division 8 Liquidity obligation 419](#_Toc256000572)

[4A.G.17 Liquidity obligation 419](#_Toc256000573)

[4A.G.18 Performing a liquidity obligation 419](#_Toc256000574)

[4A.G.19 Volume limits 421](#_Toc256000575)

[4A.G.20 Appointment of MLO nominee 422](#_Toc256000576)

[4A.G.21 Exemptions 422](#_Toc256000577)

[Division 9 MLO products and MLO exchange 423](#_Toc256000578)

[4A.G.22 MLO products 423](#_Toc256000579)

[4A.G.23 MLO exchange 424](#_Toc256000580)

[Division 10 Miscellaneous 425](#_Toc256000581)

[4A.G.24 MLO compliance and reporting 425](#_Toc256000582)

[4A.G.25 MLO Guidelines 425](#_Toc256000583)

[Part H Voluntary Book Build 426](#_Toc256000584)

[4A.H.1 Purpose and application 426](#_Toc256000585)

[4A.H.2 Book Build Procedures 426](#_Toc256000586)

[4A.H.3 Commencement of voluntary book build 427](#_Toc256000587)

[4A.H.4 Participation in the voluntary book build 427](#_Toc256000588)

[4A.H.5 Book build fees 428](#_Toc256000589)

[4A.H.6 Reporting 428](#_Toc256000590)

[5. Network Connection Access, Planning and Expansion 431](#_Toc256000591)

[Part A Introduction 431](#_Toc256000592)

[5.1 Introduction to Chapter 5 431](#_Toc256000593)

[5.1.1 Structure of this Chapter 431](#_Toc256000594)

[5.1.2 Overview of Part B and connection and access under the Rules 431](#_Toc256000595)

[Part B Network Connection and Access 434](#_Toc256000596)

[5.1A Introduction to Part B 434](#_Toc256000597)

[5.1A.1 Purpose and Application 434](#_Toc256000598)

[5.1A.2 Principles 436](#_Toc256000599)

[5.2 Obligations 437](#_Toc256000600)

[5.2.1 Obligations of Registered Participants 437](#_Toc256000601)

[5.2.2 Connection agreements 437](#_Toc256000602)

[5.2.3 Obligations of network service providers 438](#_Toc256000603)

[5.2.3A Obligations of Market Network Service Providers 443](#_Toc256000604)

[5.2.4 Obligations of customers 443](#_Toc256000605)

[5.2.5 Obligations of Generators 445](#_Toc256000606)

[5.2.6 Obligations of AEMO 446](#_Toc256000607)

[5.2.6A AEMO review of technical requirements for connection 446](#_Toc256000608)

[5.2.7 Obligations of Dedicated Connection Asset Service Providers 447](#_Toc256000609)

[5.2A Transmission network connection and access 448](#_Toc256000610)

[5.2A.1 Application 448](#_Toc256000611)

[5.2A.2 Relevant assets 448](#_Toc256000612)

[5.2A.3 Connection and access to transmission services 449](#_Toc256000613)

[5.2A.4 Transmission services related to connection 450](#_Toc256000614)

[5.2A.5 Publication and provision of information 454](#_Toc256000615)

[5.2A.6 Negotiating principles 454](#_Toc256000616)

[5.2A.7 Third party IUSAs 455](#_Toc256000617)

[5.2A.8 Access framework for large dedicated connection assets 456](#_Toc256000618)

[5.3 Establishing or Modifying Connection 458](#_Toc256000619)

[5.3.1 Process and procedures 458](#_Toc256000620)

[5.3.1A Application of rule to connection of embedded generating units 458](#_Toc256000621)

[5.3.2 Connection enquiry 459](#_Toc256000622)

[5.3.3 Response to connection enquiry 460](#_Toc256000623)

[5.3.4 Application for connection 463](#_Toc256000624)

[5.3.4A Negotiated access standards 465](#_Toc256000625)

[5.3.4B System strength remediation for new connections 468](#_Toc256000626)

[5.3.5 Preparation of offer to connect 471](#_Toc256000627)

[5.3.6 Offer to connect 472](#_Toc256000628)

[5.3.7 Finalisation of connection agreements and network operating agreements 475](#_Toc256000629)

[5.3.8 Provision and use of information 477](#_Toc256000630)

[5.3.9 Procedure to be followed by a Generator proposing to alter a generating system 478](#_Toc256000631)

[5.3.10 Acceptance of performance standards for generating plant that is altered 480](#_Toc256000632)

[5.3.11 Notification of request to change normal voltage 481](#_Toc256000633)

[5.3A Establishing or modifying connection - embedded generation 481](#_Toc256000634)

[5.3A.1 Application of rule 5.3A 481](#_Toc256000635)

[5.3A.2 Definitions and miscellaneous 482](#_Toc256000636)

[5.3A.3 Publication of Information 482](#_Toc256000637)

[5.3A.4 Fees 484](#_Toc256000638)

[5.3A.5 Enquiry 485](#_Toc256000639)

[5.3A.6 Response to Enquiry 486](#_Toc256000640)

[5.3A.7 Preliminary Response to Enquiry 486](#_Toc256000641)

[5.3A.8 Detailed Response to Enquiry 487](#_Toc256000642)

[5.3A.9 Application for connection 488](#_Toc256000643)

[5.3A.10 Preparation of offer to connect 489](#_Toc256000644)

[5.3A.11 Technical Dispute 490](#_Toc256000645)

[5.3A.12 Network support payments and functions 490](#_Toc256000646)

[5.3AA Access arrangements relating to Distribution Networks 490](#_Toc256000647)

[5.3B Application for connection to declared shared network 494](#_Toc256000648)

[5.4 Independent Engineer 494](#_Toc256000649)

[5.4.1 Application 494](#_Toc256000650)

[5.4.2 Establishment of a pool 495](#_Toc256000651)

[5.4.3 Initiating the Independent Engineer process 495](#_Toc256000652)

[5.4.4 Referral to the Adviser 496](#_Toc256000653)

[5.4.5 Proceedings and decisions of the Independent Engineer 496](#_Toc256000654)

[5.4.6 Costs of the Independent Engineer 497](#_Toc256000655)

[5.4A [Deleted] 497](#_Toc256000656)

[5.4AA [Deleted] 497](#_Toc256000657)

[5.5 Commercial arbitration for prescribed and negotiated transmission services and large DCA services 497](#_Toc256000658)

[5.5.1 Application 497](#_Toc256000659)

[5.5.2 Notification of dispute 498](#_Toc256000660)

[5.5.3 Appointment of commercial arbitrator 498](#_Toc256000661)

[5.5.4 Procedures of commercial arbitrator 499](#_Toc256000662)

[5.5.5 Powers of commercial arbitrator in determining disputes 500](#_Toc256000663)

[5.5.6 Determination of disputes 501](#_Toc256000664)

[5.5.7 Costs of dispute 502](#_Toc256000665)

[5.5.8 Enforcement of agreement or determination and requirement for reasons 502](#_Toc256000666)

[5.5.9 Miscellaneous 502](#_Toc256000667)

[5.5A [Deleted] 503](#_Toc256000668)

[Part C Post-Connection Agreement matters 503](#_Toc256000669)

[5.6 Design of Connected Equipment 503](#_Toc256000670)

[5.6.1 Application 503](#_Toc256000671)

[5.6.2 Advice of inconsistencies 503](#_Toc256000672)

[5.6.3 Additional information 504](#_Toc256000673)

[5.6.4 Advice on possible non-compliance 504](#_Toc256000674)

[5.6A [Deleted] 504](#_Toc256000675)

[5.7 Inspection and Testing 504](#_Toc256000676)

[5.7.1 Right of entry and inspection 504](#_Toc256000677)

[5.7.2 Right of testing 506](#_Toc256000678)

[5.7.3 Tests to demonstrate compliance with connection requirements for generators 507](#_Toc256000679)

[5.7.3A Tests to demonstrate compliance with system strength remediation schemes 509](#_Toc256000680)

[5.7.4 Routine testing of protection equipment 510](#_Toc256000681)

[5.7.5 Testing by Registered Participants of their own plant requiring changes to normal operation 511](#_Toc256000682)

[5.7.6 Tests of generating units requiring changes to normal operation 513](#_Toc256000683)

[5.7.7 Inter-network power system tests 514](#_Toc256000684)

[5.7.8 Contestable IUSA components 521](#_Toc256000685)

[5.8 Commissioning 521](#_Toc256000686)

[5.8.1 Requirement to inspect and test equipment 521](#_Toc256000687)

[5.8.2 Co-ordination during commissioning 521](#_Toc256000688)

[5.8.3 Control and protection settings for equipment 522](#_Toc256000689)

[5.8.4 Commissioning program 522](#_Toc256000690)

[5.8.5 Commissioning tests 523](#_Toc256000691)

[5.9 Disconnection and Reconnection 524](#_Toc256000692)

[5.9.1 Voluntary disconnection 524](#_Toc256000693)

[5.9.2 Decommissioning procedures 524](#_Toc256000694)

[5.9.3 Involuntary disconnection 525](#_Toc256000695)

[5.9.4 Direction to disconnect 525](#_Toc256000696)

[5.9.4A Notification of disconnection 526](#_Toc256000697)

[5.9.5 Disconnection during an emergency 526](#_Toc256000698)

[5.9.6 Obligation to reconnect 527](#_Toc256000699)

[Part D Network Planning and Expansion 528](#_Toc256000700)

[5.10 Network development generally 528](#_Toc256000701)

[5.10.1 Content of Part D 528](#_Toc256000702)

[5.10.2 Definitions 529](#_Toc256000703)

[5.10.3 Interpretation 532](#_Toc256000704)

[5.11 Forecasts of connection to transmission network and identification of system limitations 532](#_Toc256000705)

[5.11.1 Forecasts for connection to transmission network 532](#_Toc256000706)

[5.11.2 Identification of network limitations 533](#_Toc256000707)

[5.12 Transmission annual planning process 533](#_Toc256000708)

[5.12.1 Transmission annual planning review 533](#_Toc256000709)

[5.12.2 Transmission Annual Planning Report 534](#_Toc256000710)

[5.13 Distribution annual planning process 538](#_Toc256000711)

[5.13.1 Distribution annual planning review 538](#_Toc256000712)

[5.13.2 Distribution Annual Planning Report 540](#_Toc256000713)

[5.13.3 Distribution system limitation template 540](#_Toc256000714)

[5.13A Distribution zone substation information 541](#_Toc256000715)

[5.14 Joint planning 544](#_Toc256000716)

[5.14.1 Joint planning obligations of Transmission Network Service Providers and Distribution Network Service Providers 544](#_Toc256000717)

[5.14.2 Joint planning obligations of Distribution Network Service Providers and Distribution Network Service Providers 545](#_Toc256000718)

[5.14.3 Joint planning obligations of Transmission Network Service Providers 545](#_Toc256000719)

[5.14A Joint planning in relation to retirement or de-ratings of network assets forming part of the Declared Shared Network 546](#_Toc256000720)

[5.14B TAPR Guidelines 546](#_Toc256000721)

[5.14B.1 Development of TAPR Guidelines 546](#_Toc256000722)

[5.15 Regulatory investment tests generally 546](#_Toc256000723)

[5.15.1 Interested parties 546](#_Toc256000724)

[5.15.2 Identification of a credible option 546](#_Toc256000725)

[5.15.3 Review of costs thresholds 547](#_Toc256000726)

[5.15.4 Costs determinations 549](#_Toc256000727)

[5.16 Regulatory investment test for transmission 550](#_Toc256000728)

[5.16.1 Principles 550](#_Toc256000729)

[5.16.2 Regulatory investment test for transmission application guidelines 552](#_Toc256000730)

[5.16.3 Investments subject to the regulatory investment test for transmission 554](#_Toc256000731)

[5.16.4 Regulatory investment test for transmission procedures 556](#_Toc256000732)

[5.16.5 Disputes in relation to application of regulatory investment test for transmission 562](#_Toc256000733)

[5.16.6 Determination that preferred option satisfies the regulatory investment test for transmission 564](#_Toc256000734)

[5.17 Regulatory investment test for distribution 565](#_Toc256000735)

[5.17.1 Principles 565](#_Toc256000736)

[5.17.2 Regulatory investment test for distribution application guidelines 567](#_Toc256000737)

[5.17.3 Projects subject to the regulatory investment test for distribution 568](#_Toc256000738)

[5.17.4 Regulatory investment test for distribution procedures 570](#_Toc256000739)

[5.17.5 Disputes in relation to application of regulatory investment test for distribution 574](#_Toc256000740)

[5.18 Construction of funded augmentations 576](#_Toc256000741)

[5.18A Large generator connections 577](#_Toc256000742)

[5.18A.1 Definitions 577](#_Toc256000743)

[5.18A.2 Register of large generator connections 577](#_Toc256000744)

[5.18A.3 Impact assessment of large generator connections 578](#_Toc256000745)

[5.18B Completed embedded generation projects 579](#_Toc256000746)

[5.18B.1 Definitions 579](#_Toc256000747)

[5.18B.2 Register of completed embedded generation projects 579](#_Toc256000748)

[5.19 SENE Design and Costing Study 580](#_Toc256000749)

[5.19.1 Definitions 580](#_Toc256000750)

[5.19.2 Interpretation 581](#_Toc256000751)

[5.19.3 Request for SENE Design and Costing Study 581](#_Toc256000752)

[5.19.4 Content of SENE Design and Costing Study 582](#_Toc256000753)

[5.19.5 Co-operation of other Network Service Providers 583](#_Toc256000754)

[5.19.6 Publication of SENE Design and Costing Study report 583](#_Toc256000755)

[5.19.7 Provision and use of information 583](#_Toc256000756)

[5.20 National transmission planning 584](#_Toc256000757)

[5.20.1 Preliminary consultation 584](#_Toc256000758)

[5.20.2 Publication of NTNDP 585](#_Toc256000759)

[5.20.3 Development strategies for national transmission flow paths 587](#_Toc256000760)

[5.20.4 NTNDP database 588](#_Toc256000761)

[5.20.5 Jurisdictional planning bodies and jurisdictional planning representatives 589](#_Toc256000762)

[5.20.6 NTP Functions 589](#_Toc256000763)

[5.20.7 Inertia and system strength requirements methodologies 589](#_Toc256000764)

[5.20A Frequency management planning 590](#_Toc256000765)

[5.20A.1 Power system frequency risk review 590](#_Toc256000766)

[5.20A.2 Power system frequency risk review process 591](#_Toc256000767)

[5.20A.3 Power system frequency risk review report 592](#_Toc256000768)

[5.20A.4 Request for protected event declaration 592](#_Toc256000769)

[5.20A.5 Request to revoke a protected event declaration 593](#_Toc256000770)

[5.20B Inertia sub-networks and requirements 593](#_Toc256000771)

[5.20B.1 Boundaries of inertia sub-networks 593](#_Toc256000772)

[5.20B.2 Inertia requirements 594](#_Toc256000773)

[5.20B.3 Inertia shortfalls 594](#_Toc256000774)

[5.20B.4 Inertia Service Provider to make available inertia services 595](#_Toc256000775)

[5.20B.5 Inertia support activities 597](#_Toc256000776)

[5.20B.6 Inertia network services information and approvals 599](#_Toc256000777)

[5.20C System strength requirements 600](#_Toc256000778)

[5.20C.1 System strength requirements 600](#_Toc256000779)

[5.20C.2 Fault level shortfalls 601](#_Toc256000780)

[5.20C.3 System Strength Service Provider to make available system strength services 602](#_Toc256000781)

[5.20C.4 System strength services information and approvals 603](#_Toc256000782)

[5.21 AEMO's obligation to publish information and guidelines and provide advice 605](#_Toc256000783)

[5.22 Last resort planning power 607](#_Toc256000784)

[Schedule 5.1a System standards 610](#_Toc256000785)

[S5.1a.1 Purpose 610](#_Toc256000786)

[S5.1a.2 Frequency 610](#_Toc256000787)

[S5.1a.3 System stability 610](#_Toc256000788)

[S5.1a.4 Power frequency voltage 611](#_Toc256000789)

[S5.1a.5 Voltage fluctuations 611](#_Toc256000790)

[S5.1a.6 Voltage waveform distortion 612](#_Toc256000791)

[S5.1a.7 Voltage unbalance 612](#_Toc256000792)

[S5.1a.8 Fault clearance times 613](#_Toc256000793)

[Schedule 5.1 Network Performance Requirements to be Provided or Co-ordinated by Network Service Providers 614](#_Toc256000794)

[S5.1.1 Introduction 614](#_Toc256000795)

[S5.1.2 Network reliability 615](#_Toc256000796)

[S5.1.2.1 Credible contingency events 615](#_Toc256000797)

[S5.1.2.2 Network service within a region 616](#_Toc256000798)

[S5.1.2.3 Network service between regions 617](#_Toc256000799)

[S5.1.3 Frequency variations 617](#_Toc256000800)

[S5.1.4 Magnitude of power frequency voltage 618](#_Toc256000801)

[S5.1.5 Voltage fluctuations 619](#_Toc256000802)

[S5.1.6 Voltage harmonic or voltage notching distortion 620](#_Toc256000803)

[S5.1.7 Voltage unbalance 621](#_Toc256000804)

[S5.1.8 Stability 621](#_Toc256000805)

[S5.1.9 Protection systems and fault clearance times 623](#_Toc256000806)

[S5.1.10 Load, generation and network control facilities 625](#_Toc256000807)

[S5.1.10.1 General 625](#_Toc256000808)

[S5.1.10.1a Emergency frequency control schemes 626](#_Toc256000809)

[S5.1.10.2 Distribution Network Service Providers 627](#_Toc256000810)

[S5.1.10.3 Transmission Network Service Providers 628](#_Toc256000811)

[S5.1.11 Automatic reclosure of transmission or distribution lines 628](#_Toc256000812)

[S5.1.12 Rating of transmission lines and equipment 628](#_Toc256000813)

[S5.1.13 Information to be provided 629](#_Toc256000814)

[Schedule 5.2 Conditions for Connection of Generators 629](#_Toc256000815)

[S5.2.1 Outline of requirements 629](#_Toc256000816)

[S5.2.2 Application of Settings 630](#_Toc256000817)

[S5.2.3 Technical matters to be coordinated 631](#_Toc256000818)

[S5.2.4 Provision of information 631](#_Toc256000819)

[S5.2.5 Technical requirements 634](#_Toc256000820)

[S5.2.5.1 Reactive power capability 634](#_Toc256000821)

[S5.2.5.2 Quality of electricity generated 635](#_Toc256000822)

[S5.2.5.3 Generating system response to frequency disturbances 636](#_Toc256000823)

[S5.2.5.4 Generating system response to voltage disturbances 639](#_Toc256000824)

[S5.2.5.5 Generating system response to disturbances following contingency events 641](#_Toc256000825)

[S5.2.5.6 Quality of electricity generated and continuous uninterrupted operation 649](#_Toc256000826)

[S5.2.5.7 Partial load rejection 649](#_Toc256000827)

[S5.2.5.8 Protection of generating systems from power system disturbances 650](#_Toc256000828)

[S5.2.5.9 Protection systems that impact on power system security 651](#_Toc256000829)

[S5.2.5.10 Protection to trip plant for unstable operation 653](#_Toc256000830)

[S5.2.5.11 Frequency control 654](#_Toc256000831)

[S5.2.5.12 Impact on network capability 656](#_Toc256000832)

[S5.2.5.13 Voltage and reactive power control 658](#_Toc256000833)

[S5.2.5.14 Active power control 664](#_Toc256000834)

[S5.2.6 Monitoring and control requirements 666](#_Toc256000835)

[S5.2.6.1 Remote Monitoring 666](#_Toc256000836)

[S5.2.6.2 Communications equipment 668](#_Toc256000837)

[S5.2.7 Power station auxiliary supplies 669](#_Toc256000838)

[S5.2.8 Fault current 669](#_Toc256000839)

[Schedule 5.3 Conditions for Connection of Customers 671](#_Toc256000840)

[S5.3.1a Introduction to the schedule 671](#_Toc256000841)

[S5.3.1 Information 672](#_Toc256000842)

[S5.3.2 Design standards 673](#_Toc256000843)

[S5.3.3 Protection systems and settings 674](#_Toc256000844)

[S5.3.4 Settings of protection and control systems 675](#_Toc256000845)

[S5.3.5 Power factor requirements 676](#_Toc256000846)

[S5.3.6 Balancing of load currents 677](#_Toc256000847)

[S5.3.7 Voltage fluctuations 677](#_Toc256000848)

[S5.3.8 Harmonics and voltage notching 677](#_Toc256000849)

[S5.3.9 Design requirements for Network Users' substations 678](#_Toc256000850)

[S5.3.10 Load shedding facilities 678](#_Toc256000851)

[Schedule 5.3a Conditions for connection of Market Network Services 679](#_Toc256000852)

[S5.3a.1a Introduction to the schedule 679](#_Toc256000853)

[S5.3a.1 Provision of Information 680](#_Toc256000854)

[S5.3a.2 Application of settings 681](#_Toc256000855)

[S5.3a.3 Technical matters to be co-ordinated 682](#_Toc256000856)

[S5.3a.4 Monitoring and control requirements 683](#_Toc256000857)

[S5.3a.4.1 Remote Monitoring 683](#_Toc256000858)

[S5.3a.4.2 [Deleted] 683](#_Toc256000859)

[S5.3a.4.3 Communications equipment 683](#_Toc256000860)

[S5.3a.5 Design standards 684](#_Toc256000861)

[S5.3a.6 Protection systems and settings 684](#_Toc256000862)

[S5.3a.7 [Deleted] 686](#_Toc256000863)

[S5.3a.8 Reactive power capability 686](#_Toc256000864)

[S5.3a.9 Balancing of load currents 686](#_Toc256000865)

[S5.3a.10 Voltage fluctuations 687](#_Toc256000866)

[S5.3a.11 Harmonics and voltage notching 687](#_Toc256000867)

[S5.3a.12 Design requirements for Market Network Service Providers' substations 687](#_Toc256000868)

[S5.3a.13 Market network service response to disturbances in the power system 688](#_Toc256000869)

[S5.3a.14 Protection of market network services from power system disturbances 688](#_Toc256000870)

[Schedule 5.4 Information to be Provided with Preliminary Enquiry 689](#_Toc256000871)

[Schedule 5.4A Preliminary Response 690](#_Toc256000872)

[Schedule 5.4B Detailed Response to Enquiry 692](#_Toc256000873)

[Schedule 5.5 Technical Details to Support Application for Connection and Connection Agreement 694](#_Toc256000874)

[S5.5.1 Introduction to the schedule 694](#_Toc256000875)

[S5.5.2 Categories of data 694](#_Toc256000876)

[S5.5.3 Review, change and supply of data 695](#_Toc256000877)

[S5.5.4 Data Requirements 695](#_Toc256000878)

[S5.5.5 Asynchronous generating unit data 696](#_Toc256000879)

[S5.5.6 Generating units smaller than 30MW data 696](#_Toc256000880)

[S5.5.7 Power System Design Data Sheet, Power System Setting Data Sheet and Power System Model Guidelines 696](#_Toc256000881)

[Schedule 5.5.1 [Deleted] 699](#_Toc256000882)

[Schedule 5.5.2 [Deleted] 699](#_Toc256000883)

[Schedule 5.5.3 Network and plant technical data of equipment at or near connection point 699](#_Toc256000884)

[Schedule 5.5.4 Network Plant and Apparatus Setting Data 702](#_Toc256000885)

[Schedule 5.5.5 Load Characteristics at Connection Point 704](#_Toc256000886)

[Schedule 5.6 Terms and Conditions of Connection agreements and network operating agreements 705](#_Toc256000887)

[Part A Connection agreements 705](#_Toc256000888)

[Part B Network Operating Agreements 707](#_Toc256000889)

[Schedule 5.7 Annual Forecast Information for Planning Purposes 707](#_Toc256000890)

[Schedule 5.8 Distribution Annual Planning Report 709](#_Toc256000891)

[Schedule 5.9 Demand side engagement document (clause 5.13.1(h)) 715](#_Toc256000892)

[Schedule 5.10 Information requirements for Primary Transmission Network Service Providers (clause 5.2A.5) 716](#_Toc256000893)

[Schedule 5.11 Negotiating principles for negotiated transmission services (clause 5.2A.6) 720](#_Toc256000894)

[Schedule 5.12 Negotiating principles for large DCA services 721](#_Toc256000895)

[5A. Electricity connection for retail customers 725](#_Toc256000896)

[Part A Preliminary 725](#_Toc256000897)

[5A.A.1 Definitions 725](#_Toc256000898)

[5A.A.2 Application of this Chapter 728](#_Toc256000899)

[5A.A.3 Small Generation Aggregator deemed to be agent of a retail customer 728](#_Toc256000900)

[Part B Standardised offers to provide basic and standard connection services 729](#_Toc256000901)

[Division 1 Basic connection services 729](#_Toc256000902)

[5A.B.1 Obligation to have model standing offer to provide basic connection services 729](#_Toc256000903)

[5A.B.2 Proposed model standing offer for basic connection services 729](#_Toc256000904)

[5A.B.3 Approval of terms and conditions of model standing offer to provide basic connection services 730](#_Toc256000905)

[Division 2 Standard connection services 731](#_Toc256000906)

[5A.B.4 Standard connection services 731](#_Toc256000907)

[5A.B.5 Approval of model standing offer to provide standard connection services 732](#_Toc256000908)

[Division 3 Miscellaneous 732](#_Toc256000909)

[5A.B.6 Amendment etc of model standing offer 732](#_Toc256000910)

[5A.B.7 Publication of model standing offers 733](#_Toc256000911)

[Part C Negotiated connection 733](#_Toc256000912)

[5A.C.1 Negotiation of connection 733](#_Toc256000913)

[5A.C.2 Process of negotiation 734](#_Toc256000914)

[5A.C.3 Negotiation framework 734](#_Toc256000915)

[5A.C.4 Fee to cover cost of negotiation 736](#_Toc256000916)

[Part D Application for connection service 736](#_Toc256000917)

[Division 1 Information 736](#_Toc256000918)

[5A.D.1 Publication of information 736](#_Toc256000919)

[5A.D.1A Register of completed embedded generation projects 737](#_Toc256000920)

[Division 2 Preliminary enquiry 738](#_Toc256000921)

[5A.D.2 Preliminary enquiry 738](#_Toc256000922)

[Division 3 Applications 739](#_Toc256000923)

[5A.D.3 Application process 739](#_Toc256000924)

[5A.D.4 Site inspection 740](#_Toc256000925)

[Part E Connection charges 740](#_Toc256000926)

[5A.E.1 Connection charge principles 740](#_Toc256000927)

[5A.E.2 Itemised statement of connection charges 742](#_Toc256000928)

[5A.E.3 Connection charge guidelines 742](#_Toc256000929)

[5A.E.4 Payment of connection charges 744](#_Toc256000930)

[Part F Formation and integration of connection contracts 744](#_Toc256000931)

[Division 1 Offer and acceptance – basic and standard connection services 744](#_Toc256000932)

[5A.F.1 Distribution Network Service Provider's response to application 744](#_Toc256000933)

[5A.F.2 Acceptance of connection offer 745](#_Toc256000934)

[5A.F.3 Offer and acceptance—application for expedited connection 745](#_Toc256000935)

[Division 2 Offer and acceptance – negotiated connection 745](#_Toc256000936)

[5A.F.4 Negotiated connection offer 745](#_Toc256000937)

[Division 3 Formation of contract 746](#_Toc256000938)

[5A.F.5 Acceptance of connection offer 746](#_Toc256000939)

[Division 4 Contractual performance 746](#_Toc256000940)

[5A.F.6 Carrying out connection work 746](#_Toc256000941)

[5A.F.7 Retailer required for energisation where new connection 747](#_Toc256000942)

[Part G Dispute resolution between Distribution Network Service Providers and customers 747](#_Toc256000943)

[5A.G.1 Relevant disputes 747](#_Toc256000944)

[5A.G.2 Determination of dispute 747](#_Toc256000945)

[5A.G.3 Termination of proceedings 748](#_Toc256000946)

[SCHEDULE 5A.1 – Minimum content requirements for connection contract 748](#_Toc256000947)

[Part A Connection offer not involving embedded generation 748](#_Toc256000948)

[Part B Connection offer involving embedded generation 749](#_Toc256000949)

[6. Economic Regulation of Distribution Services 753](#_Toc256000950)

[Part A Introduction 753](#_Toc256000951)

[6.1 Introduction to Chapter 6 753](#_Toc256000952)

[6.1.1 AER's regulatory responsibility 753](#_Toc256000953)

[6.1.1A [Deleted] 753](#_Toc256000954)

[6.1.2 Structure of this Chapter 753](#_Toc256000955)

[6.1.3 Access to direct control services and negotiated distribution services 754](#_Toc256000956)

[6.1.4 Prohibition of DUOS charges for the export of energy 754](#_Toc256000957)

[Part B Classification of Distribution Services and Distribution Determinations 754](#_Toc256000958)

[6.2 Classification 754](#_Toc256000959)

[6.2.1 Classification of distribution services 754](#_Toc256000960)

[6.2.2 Classification of direct control services as standard control services or alternative control services 755](#_Toc256000961)

[6.2.3 Term for which classification operates 756](#_Toc256000962)

[6.2.3A Distribution Service Classification Guidelines 756](#_Toc256000963)

[6.2.4 Duty of AER to make distribution determinations 757](#_Toc256000964)

[6.2.5 Control mechanisms for direct control services 757](#_Toc256000965)

[6.2.6 Basis of control mechanisms for direct control services 758](#_Toc256000966)

[6.2.7 Negotiated distribution services 758](#_Toc256000967)

[6.2.8 Guidelines 758](#_Toc256000968)

[Part C Building Block Determinations for standard control services 759](#_Toc256000969)

[6.3 Building block determinations 759](#_Toc256000970)

[6.3.1 Introduction 759](#_Toc256000971)

[6.3.2 Contents of building block determination 759](#_Toc256000972)

[6.4 Post-tax revenue model 760](#_Toc256000973)

[6.4.1 Preparation, publication and amendment of post-tax revenue model 760](#_Toc256000974)

[6.4.2 Contents of post-tax revenue model 760](#_Toc256000975)

[6.4.3 Building block approach 760](#_Toc256000976)

[6.4.4 Shared assets 762](#_Toc256000977)

[6.4.5 Expenditure Forecast Assessment Guidelines 763](#_Toc256000978)

[6.4A Capital expenditure incentive mechanisms 763](#_Toc256000979)

[6.4B Asset exemptions 764](#_Toc256000980)

[6.4B.1 Asset exemption decisions and Asset Exemption Guidelines 764](#_Toc256000981)

[6.4B.2 Exemption applications 765](#_Toc256000982)

[6.5 Matters relevant to the making of building block determinations 765](#_Toc256000983)

[6.5.1 Regulatory asset base 765](#_Toc256000984)

[6.5.2 Return on capital 766](#_Toc256000985)

[6.5.3 Estimated cost of corporate income tax 767](#_Toc256000986)

[6.5.4 [Deleted] 767](#_Toc256000987)

[6.5.5 Depreciation 767](#_Toc256000988)

[6.5.6 Forecast operating expenditure 768](#_Toc256000989)

[6.5.7 Forecast capital expenditure 770](#_Toc256000990)

[6.5.8 Efficiency benefit sharing scheme 774](#_Toc256000991)

[6.5.8A Capital expenditure sharing scheme 775](#_Toc256000992)

[6.5.9 The X factor 776](#_Toc256000993)

[6.5.10 Pass through events 777](#_Toc256000994)

[6.6 Adjustments after making of building block determination. 777](#_Toc256000995)

[6.6.1 Cost pass through 777](#_Toc256000996)

[6.6.1A Reporting on jurisdictional schemes 784](#_Toc256000997)

[6.6.2 Service target performance incentive scheme 785](#_Toc256000998)

[6.6.3 Demand management incentive scheme 786](#_Toc256000999)

[6.6.3A Demand management innovation allowance mechanism 787](#_Toc256001000)

[6.6.4 Small-scale incentive scheme 788](#_Toc256001001)

[6.6.5 Reopening of distribution determination for capital expenditure 789](#_Toc256001002)

[6.6A Contingent Projects 792](#_Toc256001003)

[6.6A.1 Acceptance of a contingent project in a distribution determination 792](#_Toc256001004)

[6.6A.2 Amendment of distribution determination for contingent project 794](#_Toc256001005)

[Part D Negotiated distribution services 799](#_Toc256001006)

[6.7 Negotiated distribution services 799](#_Toc256001007)

[6.7.1 Principles relating to access to negotiated distribution services 799](#_Toc256001008)

[6.7.2 Determination of terms and conditions of access for negotiated distribution services 800](#_Toc256001009)

[6.7.3 Negotiating framework determination 801](#_Toc256001010)

[6.7.4 Negotiated Distribution Service Criteria determination 801](#_Toc256001011)

[6.7.5 Preparation of and requirements for negotiating framework for negotiated distribution services 802](#_Toc256001012)

[6.7.6 Confidential information 804](#_Toc256001013)

[Part DA Connection policies 804](#_Toc256001014)

[6.7A Connection policy requirements 804](#_Toc256001015)

[6.7A.1 Preparation of, and requirements for, connection policy 804](#_Toc256001016)

[Part E Regulatory proposal and proposed tariff structure statement 805](#_Toc256001017)

[6.8 Regulatory proposal and proposed tariff structure statement 805](#_Toc256001018)

[6.8.1 AER's framework and approach paper 805](#_Toc256001019)

[6.8.1A Notification of approach to forecasting expenditure 807](#_Toc256001020)

[6.8.2 Submission of regulatory proposal, tariff structure statement and exemption application 808](#_Toc256001021)

[6.9 Preliminary examination and consultation 810](#_Toc256001022)

[6.9.1 Preliminary examination 810](#_Toc256001023)

[6.9.2 Resubmission of proposal 810](#_Toc256001024)

[6.9.2A Confidential information 810](#_Toc256001025)

[6.9.3 Consultation 811](#_Toc256001026)

[6.10 Draft distribution determination and further consultation 812](#_Toc256001027)

[6.10.1 Making of draft distribution determination 812](#_Toc256001028)

[6.10.2 Publication of draft determination and consultation 812](#_Toc256001029)

[6.10.3 Submission of revised proposal 813](#_Toc256001030)

[6.10.4 Submissions on specified matters 813](#_Toc256001031)

[6.11 Distribution determination 814](#_Toc256001032)

[6.11.1 Making of distribution determination 814](#_Toc256001033)

[6.11.1A Out of scope revised regulatory proposal or late submissions 814](#_Toc256001034)

[6.11.2 Notice of distribution determination 815](#_Toc256001035)

[6.11.3 Commencement of distribution determination 815](#_Toc256001036)

[6.12 Requirements relating to draft and final distribution determinations 815](#_Toc256001037)

[6.12.1 Constituent decisions 815](#_Toc256001038)

[6.12.2 Reasons for decisions 819](#_Toc256001039)

[6.12.3 Extent of AER's discretion in making distribution determinations 819](#_Toc256001040)

[6.13 Revocation and substitution of distribution determination for wrong information or error 821](#_Toc256001041)

[6.14 Miscellaneous 821](#_Toc256001042)

[6.14A Distribution Confidentiality Guidelines 822](#_Toc256001043)

[Part F Cost Allocation 822](#_Toc256001044)

[6.15 Cost allocation 822](#_Toc256001045)

[6.15.1 Duty to comply with Cost Allocation Method 822](#_Toc256001046)

[6.15.2 Cost Allocation Principles 822](#_Toc256001047)

[6.15.3 Cost Allocation Guidelines 823](#_Toc256001048)

[6.15.4 Cost Allocation Method 824](#_Toc256001049)

[Part G Distribution consultation procedures 825](#_Toc256001050)

[6.16 Distribution consultation procedures 825](#_Toc256001051)

[Part H Ring-Fencing Arrangements for Distribution Network Service Providers 826](#_Toc256001052)

[6.17 Distribution Ring-Fencing Guidelines 826](#_Toc256001053)

[6.17.1 Compliance with Distribution Ring-Fencing Guidelines 826](#_Toc256001054)

[6.17.2 Development of Distribution Ring-Fencing Guidelines 826](#_Toc256001055)

[Part I Distribution Pricing Rules 827](#_Toc256001056)

[6.18 Distribution Pricing Rules 827](#_Toc256001057)

[6.18.1 Application of this Part 827](#_Toc256001058)

[6.18.1A Tariff structure statement 827](#_Toc256001059)

[6.18.1B Amending a tariff structure statement with the AER's approval 828](#_Toc256001060)

[6.18.1C Sub-threshold tariffs 829](#_Toc256001061)

[6.18.2 Pricing proposals 830](#_Toc256001062)

[6.18.3 Tariff classes 832](#_Toc256001063)

[6.18.4 Principles governing assignment or re-assignment of retail customers to tariff classes and assessment and review of basis of charging 832](#_Toc256001064)

[6.18.5 Pricing principles 833](#_Toc256001065)

[6.18.6 Side constraints on tariffs for standard control services 834](#_Toc256001066)

[6.18.7 Recovery of designated pricing proposal charges 835](#_Toc256001067)

[6.18.7A Recovery of jurisdictional scheme amounts 836](#_Toc256001068)

[6.18.8 Approval of pricing proposal 839](#_Toc256001069)

[6.18.9 Publication of information about tariffs and tariff classes 840](#_Toc256001070)

[6.19. Data Required for Distribution Service Pricing 841](#_Toc256001071)

[6.19.1 Forecast use of networks by Distribution Customers and Embedded Generators 841](#_Toc256001072)

[6.19.2 Confidentiality of distribution network pricing information 841](#_Toc256001073)

[Part J Billing and Settlements 841](#_Toc256001074)

[6.20 Billing and Settlements Process 841](#_Toc256001075)

[6.20.1 Billing for distribution services 841](#_Toc256001076)

[6.20.2 Minimum information to be provided in distribution network service bills 843](#_Toc256001077)

[6.20.3 Settlement between Distribution Network Service Providers 843](#_Toc256001078)

[6.20.4 Obligation to pay 843](#_Toc256001079)

[Part K Prudential requirements, capital contributions and prepayments 844](#_Toc256001080)

[6.21 Distribution Network Service Provider Prudential Requirements 844](#_Toc256001081)

[6.21.1 Prudential requirements for distribution network service 844](#_Toc256001082)

[6.21.2 Capital contributions, prepayments and financial guarantees 845](#_Toc256001083)

[6.21.3 Treatment of past prepayments and capital contributions 845](#_Toc256001084)

[Part L Dispute resolution 845](#_Toc256001085)

[6.22 Dispute Resolution 845](#_Toc256001086)

[6.22.1 Dispute Resolution by the AER 845](#_Toc256001087)

[6.22.2 Determination of dispute 846](#_Toc256001088)

[6.22.3 Termination of access dispute without access determination 847](#_Toc256001089)

[Part M Separate disclosure of transmission and distribution charges 847](#_Toc256001090)

[6.23 Separate disclosure of transmission and distribution charges 847](#_Toc256001091)

[Part N Dual Function Assets 848](#_Toc256001092)

[6.24 Dual Function Assets 848](#_Toc256001093)

[6.24.1 Application of this Part 848](#_Toc256001094)

[6.24.2 Dual Function Assets 848](#_Toc256001095)

[6.25 AER determination of applicable pricing regime for Dual Function Assets 849](#_Toc256001096)

[6.26 Division of Distribution Network Service Provider's revenue 850](#_Toc256001097)

[Part O Annual Benchmarking Report 851](#_Toc256001098)

[6.27 Annual Benchmarking Report 851](#_Toc256001099)

[Part P Distribution Reliability Measures Guidelines 851](#_Toc256001100)

[6.28 Distribution Reliability Measures Guidelines 851](#_Toc256001101)

[Schedule 6.1 Contents of building block proposals 852](#_Toc256001102)

[S6.1.1 Information and matters relating to capital expenditure 852](#_Toc256001103)

[S6.1.2 Information and matters relating to operating expenditure 852](#_Toc256001104)

[S6.1.3 Additional information and matters 853](#_Toc256001105)

[Schedule 6.2 Regulatory Asset Base 856](#_Toc256001106)

[S6.2.1 Establishment of opening regulatory asset base for a regulatory control period 856](#_Toc256001107)

[S6.2.2 Prudency and efficiency of capital expenditure 860](#_Toc256001108)

[S6.2.2A Reduction for inefficient past capital expenditure 861](#_Toc256001109)

[S6.2.2B Depreciation 863](#_Toc256001110)

[S6.2.3 Roll forward of regulatory asset base within the same regulatory control period 863](#_Toc256001111)

[6A. Economic Regulation of Transmission Services 867](#_Toc256001112)

[Part A Introduction 867](#_Toc256001113)

[6A.1 Introduction to Chapter 6A 867](#_Toc256001114)

[6A.1.1 Economic regulation of transmission services generally 867](#_Toc256001115)

[6A.1.2 [Deleted] 868](#_Toc256001116)

[6A.1.3 [Deleted] 868](#_Toc256001117)

[6A.1.4 National regulatory arrangements 868](#_Toc256001118)

[6A.1.5 Application of Chapter 6A to Market Network Service Providers 868](#_Toc256001119)

[6A.1.6 Application of Chapter 6A to AEMO and declared transmission system operators 868](#_Toc256001120)

[Part B Transmission Determinations Generally 869](#_Toc256001121)

[6A.2 Transmission determinations 869](#_Toc256001122)

[6A.2.1 Duty of AER to make transmission determinations 869](#_Toc256001123)

[6A.2.2 Components of transmission determinations 869](#_Toc256001124)

[6A.2.3 Guidelines 869](#_Toc256001125)

[Part C Regulation of Revenue - Prescribed Transmission Services 870](#_Toc256001126)

[6A.3 Allowed revenue from prescribed transmission services 870](#_Toc256001127)

[6A.3.1 Allowed revenue for regulatory year 870](#_Toc256001128)

[6A.3.2 Adjustment of maximum allowed revenue 870](#_Toc256001129)

[6A.4 Revenue determinations 870](#_Toc256001130)

[6A.4.1 Introduction 870](#_Toc256001131)

[6A.4.2 Contents of revenue determination 870](#_Toc256001132)

[6A.5 Post-tax revenue model 871](#_Toc256001133)

[6A.5.1 Introduction 871](#_Toc256001134)

[6A.5.2 Preparation, publication and amendment of post-tax revenue model 872](#_Toc256001135)

[6A.5.3 Contents of post-tax revenue model 872](#_Toc256001136)

[6A.5.4 Building blocks approach 873](#_Toc256001137)

[6A.5.5 Shared assets 874](#_Toc256001138)

[6A.5.6 Expenditure Forecast Assessment Guidelines 875](#_Toc256001139)

[6A.5A Capital expenditure incentive mechanisms 875](#_Toc256001140)

[6A.6 Matters relevant to the making of revenue determinations 876](#_Toc256001141)

[6A.6.1 Regulatory asset base 876](#_Toc256001142)

[6A.6.2 Return on capital 877](#_Toc256001144)

[6A.6.3 Depreciation 877](#_Toc256001145)

[6A.6.4 Estimated cost of corporate income tax 879](#_Toc256001146)

[6A.6.5 Efficiency benefit sharing scheme 879](#_Toc256001147)

[6A.6.5A Capital expenditure sharing scheme 880](#_Toc256001148)

[6A.6.6 Forecast operating expenditure 881](#_Toc256001149)

[6A.6.7 Forecast capital expenditure 884](#_Toc256001150)

[6A.6.8 The X factor 887](#_Toc256001151)

[6A.6.9 Pass through events 888](#_Toc256001152)

[6A.7 Matters relevant to the adjustment of revenue cap after making of revenue determination 888](#_Toc256001153)

[6A.7.1 Reopening of revenue determination for capital expenditure 888](#_Toc256001154)

[6A.7.2 Network support pass through 891](#_Toc256001155)

[6A.7.3 Cost pass through 893](#_Toc256001156)

[6A.7.4 Service target performance incentive scheme 898](#_Toc256001157)

[6A.7.5 Small-scale incentive scheme 899](#_Toc256001158)

[6A.7.6 Demand management innovation allowance mechanism 900](#_Toc256001159)

[6A.8 Contingent Projects 901](#_Toc256001160)

[6A.8.1 Acceptance of a Contingent Project in a revenue determination 901](#_Toc256001161)

[6A.8.2 Amendment of revenue determination for contingent project 903](#_Toc256001162)

[Part D [Deleted] 907](#_Toc256001163)

[Part E Procedure - Revenue determinations and pricing methodologies 907](#_Toc256001164)

[6A.10 Revenue Proposal and proposed pricing methodology 907](#_Toc256001165)

[6A.10.1A AER's framework and approach paper 907](#_Toc256001166)

[6A.10.1B Notification of approach to forecasting expenditure 909](#_Toc256001167)

[6A.10.1 Submission of proposal, pricing methodology and information 909](#_Toc256001168)

[6A.10.2 [Deleted] 910](#_Toc256001169)

[6A.11 Preliminary examination and consultation 910](#_Toc256001170)

[6A.11.1 Preliminary examination and determination of non-compliance with relevant requirements 910](#_Toc256001171)

[6A.11.2 Resubmission of proposal, framework, pricing methodology or information 911](#_Toc256001172)

[6A.11.2A Confidential information 911](#_Toc256001173)

[6A.11.3 Consultation 912](#_Toc256001174)

[6A.12 Draft decision and further consultation 913](#_Toc256001175)

[6A.12.1 Making of draft decision 913](#_Toc256001176)

[6A.12.2 Publication of draft decision and consultation 913](#_Toc256001177)

[6A.12.3 Submission of revised proposal or pricing methodology 914](#_Toc256001178)

[6A.12.4 Submissions on specified matters 915](#_Toc256001179)

[6A.13 Final decision 915](#_Toc256001180)

[6A.13.1 Making of final decision 915](#_Toc256001181)

[6A.13.2 Refusal to approve amounts, values, framework or pricing methodology 915](#_Toc256001182)

[6A.13.2A Out of scope revised documents or late submissions 916](#_Toc256001183)

[6A.13.3 Notice of final decision 917](#_Toc256001184)

[6A.13.4 Making of transmission determination 917](#_Toc256001185)

[6A.14 Requirements relating to draft and final decisions 917](#_Toc256001186)

[6A.14.1 Contents of decisions 917](#_Toc256001187)

[6A.14.2 Reasons for decisions 919](#_Toc256001188)

[6A.14.3 Circumstances in which matters must be approved or accepted 920](#_Toc256001189)

[6A.15 Revocation of revenue determination or amendment of pricing methodology for wrong information or error 922](#_Toc256001190)

[6A.16 Miscellaneous 923](#_Toc256001191)

[6A.16A Transmission Confidentiality Guidelines 923](#_Toc256001192)

[Part F Information Disclosure 924](#_Toc256001193)

[6A.17 Information disclosure by Transmission Network Service Providers 924](#_Toc256001194)

[6A.17.1 Information to be provided to AER 924](#_Toc256001195)

[6A.17.2 Information Guidelines 925](#_Toc256001196)

[6A.18 [Deleted] 926](#_Toc256001197)

[Part G Cost Allocation 926](#_Toc256001198)

[6A.19 Cost allocation 926](#_Toc256001199)

[6A.19.1 Duty to comply with Cost Allocation Methodology 926](#_Toc256001200)

[6A.19.2 Cost Allocation Principles 926](#_Toc256001201)

[6A.19.3 Cost Allocation Guidelines 927](#_Toc256001202)

[6A.19.4 Cost Allocation Methodology 928](#_Toc256001203)

[Part H Transmission Consultation Procedures 929](#_Toc256001204)

[6A.20 Transmission consultation procedures 929](#_Toc256001205)

[Part I Ring-Fencing Arrangements for Transmission Network Service Providers 930](#_Toc256001206)

[6A.21 Transmission Ring-Fencing Guidelines 930](#_Toc256001207)

[6A.21.1 Compliance with Transmission Ring-Fencing Guidelines 930](#_Toc256001208)

[6A.21.2 Development of Transmission Ring-Fencing Guidelines 930](#_Toc256001209)

[Part J Prescribed Transmission Services - Regulation of Pricing 932](#_Toc256001210)

[6A.22 Terms used in Part J 932](#_Toc256001211)

[6A.22.1 Aggregate annual revenue requirement (AARR) 932](#_Toc256001212)

[6A.22.2 Annual service revenue requirement (ASRR) 932](#_Toc256001213)

[6A.22.3 Meaning of attributable cost share 932](#_Toc256001214)

[6A.22.4 Meaning of attributable connection point cost share 932](#_Toc256001215)

[6A.23 Pricing Principles for Prescribed Transmission Services 933](#_Toc256001216)

[6A.23.1 Introduction 933](#_Toc256001217)

[6A.23.2 Principles for the allocation of the aggregate annual revenue requirement 933](#_Toc256001218)

[6A.23.3 Principles for the allocation of the annual service revenue requirement to connection points 934](#_Toc256001219)

[6A.23.4 Principles for the recovery of the Annual Service Revenue Requirement as prices 936](#_Toc256001220)

[6A.24 Pricing methodology 938](#_Toc256001221)

[6A.24.1 Pricing methodologies generally 938](#_Toc256001222)

[6A.24.2 Publication of pricing methodology and transmission network prices 939](#_Toc256001223)

[6A.24.3 Basis for setting prices pending approval of pricing methodology 939](#_Toc256001224)

[6A.24.4 Basis for setting prices pending approval of maximum allowed revenue 940](#_Toc256001225)

[6A.25 Pricing methodology guidelines for prescribed transmission services 941](#_Toc256001226)

[6A.25.1 Making and amending of pricing methodology guidelines 941](#_Toc256001227)

[6A.25.2 Contents of pricing methodology guidelines 941](#_Toc256001228)

[6A.26 Prudent discounts 942](#_Toc256001229)

[6A.26.1 Agreements for prudent discounts for prescribed transmission services 942](#_Toc256001230)

[6A.26.2 Application to AER for approval of proposed prudent discount amounts 944](#_Toc256001231)

[6A.27 Billing Process 945](#_Toc256001232)

[6A.27.1 Billing for prescribed transmission services 945](#_Toc256001233)

[6A.27.1A Billing of modified load export charges 945](#_Toc256001234)

[6A.27.2 Minimum information to be provided in network service bills 945](#_Toc256001235)

[6A.27.3 Obligation to pay charges for prescribed transmission services 946](#_Toc256001236)

[6A.27.4 Payments between Transmission Network Service Providers in the same region 946](#_Toc256001237)

[6A.27.5 Calculation of financial transfers between Transmission Network Service Providers in the same region 946](#_Toc256001238)

[6A.28 Prudential Requirements 947](#_Toc256001239)

[6A.28.1 Prudential Requirements for prescribed transmission services 947](#_Toc256001240)

[6A.28.2 Capital contribution or prepayment for a specific asset 947](#_Toc256001241)

[6A.28.3 Treatment of past capital contributions 947](#_Toc256001242)

[6A.29 Multiple Transmission Network Service Providers 947](#_Toc256001243)

[6A.29.1 Multiple Transmission Network Service Providers within a region 947](#_Toc256001244)

[6A.29.2 Single Transmission Network Service Provider within a region 948](#_Toc256001245)

[6A.29.3 Allocation over several regions 949](#_Toc256001246)

[6A.29A Modified load export charges 949](#_Toc256001247)

[6A.29A.1 Single Transmission Network Service Provider in a Region 949](#_Toc256001248)

[6A.29A.2 Calculation of the modified load export charges 949](#_Toc256001249)

[6A.29A.3 Calculation of adjustments to the modified load export charge 950](#_Toc256001250)

[6A.29A.4 Billing the modified load export charge 950](#_Toc256001251)

[6A.29A.5 Allocation and billing process where multiple Transmission Network Service Providers in a Region 950](#_Toc256001252)

[Part K Commercial arbitration for disputes about terms and conditions of access for prescribed and negotiated transmission services 951](#_Toc256001253)

[[Deleted] 951](#_Toc256001254)

[Part L Annual Benchmarking Report 951](#_Toc256001255)

[6A.31 Annual Benchmarking Report 951](#_Toc256001256)

[Schedule 6A.1 Contents of Revenue Proposals 951](#_Toc256001257)

[S6A.1.1 Information and matters relating to capital expenditure 951](#_Toc256001258)

[S6A.1.2 Information and matters relating to operating expenditure 952](#_Toc256001259)

[S6A.1.3 Additional information and matters 953](#_Toc256001260)

[Schedule 6A.2 Regulatory Asset Base 956](#_Toc256001261)

[S6A.2.1 Establishment of opening regulatory asset base for a regulatory control period 956](#_Toc256001262)

[S6A.2.2 Prudency and efficiency of capital expenditure 960](#_Toc256001263)

[S6A.2.2A Reduction for inefficient past capital expenditure 961](#_Toc256001264)

[S6A.2.2B Depreciation 963](#_Toc256001265)

[S6A.2.3 Removal of assets from regulatory asset base 963](#_Toc256001266)

[S6A.2.4 Roll forward of regulatory asset base within the same regulatory control period 964](#_Toc256001267)

[Schedule 6A.3 CRNP methodology and modified CRNP methodology 965](#_Toc256001268)

[S6A.3.1 Meaning of optimised replacement cost 965](#_Toc256001269)

[S6A.3.2 CRNP methodology 965](#_Toc256001270)

[S6A.3.3 Modified CRNP methodology 966](#_Toc256001271)

[Schedule 6A.4 Application of this Chapter to AEMO and declared transmission system operators 967](#_Toc256001272)

[S6A.4.1 Application of this Chapter to AEMO etc 967](#_Toc256001273)

[S6A.4.2 Exclusions, qualifications and modifications 967](#_Toc256001274)

[6B. Retail markets 977](#_Toc256001275)

[Part A Retail support 977](#_Toc256001276)

[Division 1 Application and definitions 977](#_Toc256001277)

[6B.A1.1 Application of this Part 977](#_Toc256001278)

[6B.A1.2 Definitions 977](#_Toc256001279)

[Division 2 Billing and payment rules 977](#_Toc256001280)

[6B.A2.1 Obligation to pay 977](#_Toc256001281)

[6B.A2.2 Direct customer billing and energy-only contracts 978](#_Toc256001282)

[6B.A2.3 Calculating network charges 978](#_Toc256001283)

[6B.A2.4 Statement of charges 978](#_Toc256001284)

[6B.A2.5 Time and manner of payment 979](#_Toc256001285)

[Division 3 Matters incidental to billing and payment 979](#_Toc256001286)

[6B.A3.1 Adjustment of network charges 979](#_Toc256001287)

[6B.A3.2 Tariff reassignment 979](#_Toc256001288)

[6B.A3.3 Disputed statements of charges 980](#_Toc256001289)

[6B.A3.4 Interest 981](#_Toc256001290)

[6B.A3.5 Notification of changes to charges 981](#_Toc256001291)

[Part B Credit support required for late payment 982](#_Toc256001292)

[Division 1 Application and definitions 982](#_Toc256001293)

[6B.B1.1 Application of Part B 982](#_Toc256001294)

[6B.B1.2 Definitions 982](#_Toc256001295)

[Division 2 Requirements for credit support 982](#_Toc256001296)

[6B.B2.1 Distribution Network Service Provider may require credit support in limited circumstances 982](#_Toc256001297)

[Division 3 Provision of credit support by retailers 983](#_Toc256001298)

[6B.B3.1 Retailer to provide credit support 983](#_Toc256001299)

[6B.B3.2 Acceptable form of credit support 983](#_Toc256001300)

[Division 4 Other Rules relating to credit support 984](#_Toc256001301)

[6B.B4.1 Application of credit support 984](#_Toc256001302)

[6B.B4.2 Return of credit support 984](#_Toc256001303)

[6B.B4.3 Other retailer obligations 984](#_Toc256001304)

[Schedule 6B.1 Prescribed form of unconditional undertaking for credit support 984](#_Toc256001305)

[7. Metering 989](#_Toc256001306)

[Part A Introduction 989](#_Toc256001307)

[7.1 Introduction to the Metering Chapter 989](#_Toc256001308)

[7.1.1 Contents 989](#_Toc256001309)

[Part B Roles and Responsibilities 989](#_Toc256001310)

[7.2 Role and Responsibility of financially responsible Market Participant 989](#_Toc256001311)

[7.2.1 Obligations of financially responsible Market Participants to establish metering installations 989](#_Toc256001312)

[7.2.2 [Not used] 990](#_Toc256001313)

[7.2.3 Agreements with Local Network Service Provider 990](#_Toc256001314)

[7.2.4 [Not used] 990](#_Toc256001315)

[7.2.5 Agreements with Metering Provider 990](#_Toc256001316)

[7.3 Role and Responsibility of Metering Coordinator 990](#_Toc256001317)

[7.3.1 Responsibility of the Metering Coordinator 990](#_Toc256001318)

[7.3.2 Role of the Metering Coordinator 991](#_Toc256001319)

[7.4 Qualification and Registration of Metering Providers, Metering Data Providers and Embedded Network Managers 994](#_Toc256001320)

[7.4.1 Qualifications and registration of Metering Providers 994](#_Toc256001321)

[7.4.2 Qualifications and registration of Metering Data Providers 995](#_Toc256001322)

[7.4.2A Qualifications and registration of Embedded Network Managers 995](#_Toc256001323)

[7.4.2B List of Embedded Network Managers 996](#_Toc256001324)

[7.4.3 Nature of appointment of Metering Provider or Metering Data Provider 996](#_Toc256001325)

[7.4.4 Deregistration of Metering Providers, Metering Data Providers and Embedded Network Managers 996](#_Toc256001326)

[7.5 Role and Responsibility of AEMO 998](#_Toc256001327)

[7.5.1 Responsibility of AEMO for the collection, processing and delivery of metering data 998](#_Toc256001328)

[7.5.2 AEMO's costs in connection with metering installation 999](#_Toc256001329)

[7.5A Role and Responsibility of Embedded Network Managers 999](#_Toc256001330)

[7.5A.1 Responsibility of Embedded Network Managers for management services 999](#_Toc256001331)

[7.5A.2 EN information 999](#_Toc256001332)

[Part C Appointment of Metering Coordinator 1000](#_Toc256001333)

[7.6 Appointment of Metering Coordinator 1000](#_Toc256001334)

[7.6.1 Commercial nature of the Metering Coordinator appointment and service provision 1000](#_Toc256001335)

[7.6.2 Persons who may appoint Metering Coordinators 1000](#_Toc256001336)

[7.6.3 Appointment with respect to transmission network connection 1001](#_Toc256001337)

[7.6.4 Type 7 metering installations 1001](#_Toc256001338)

[7.7 Metering Coordinator default arrangements 1002](#_Toc256001339)

[7.7.1 Obligations of financially responsible Market Participants on Metering Coordinator default event and end of contract term 1002](#_Toc256001340)

[7.7.2 Notices to be provided by Metering Coordinator 1003](#_Toc256001341)

[7.7.3 AEMO may issue breach notice 1003](#_Toc256001342)

[Part D Metering installation 1004](#_Toc256001343)

[7.8 Metering installation arrangements 1004](#_Toc256001344)

[7.8.1 Metering installation requirements 1004](#_Toc256001345)

[7.8.2 Metering installation components 1005](#_Toc256001346)

[7.8.3 Small customer metering installations 1009](#_Toc256001347)

[7.8.4 Type 4A metering installation 1009](#_Toc256001348)

[7.8.5 Emergency management 1011](#_Toc256001349)

[7.8.6 Network devices 1012](#_Toc256001350)

[7.8.7 Metering point 1015](#_Toc256001351)

[7.8.8 Metering installation types and accuracy 1015](#_Toc256001352)

[7.8.9 Meter churn 1016](#_Toc256001353)

[7.8.10 Metering installation malfunctions 1016](#_Toc256001354)

[7.8.10A Timeframes for meters to be installed – new connection 1017](#_Toc256001355)

[7.8.10B Timeframes for meters to be installed – where a connection service is not required 1018](#_Toc256001356)

[7.8.10C Timeframes for meters to be installed – where a connection alteration is required 1019](#_Toc256001357)

[7.8.11 Changes to metering equipment, parameters and settings within a metering installation 1021](#_Toc256001358)

[7.8.12 Special site or technology related conditions 1021](#_Toc256001359)

[7.8.13 Joint metering installations 1022](#_Toc256001360)

[7.9 Inspection, Testing and Audit of Metering installations 1023](#_Toc256001361)

[7.9.1 Responsibility for testing 1023](#_Toc256001362)

[7.9.2 Actions in event of non-compliance 1025](#_Toc256001363)

[7.9.3 Audits of information held in metering installations 1025](#_Toc256001364)

[7.9.4 Errors found in metering tests, inspections or audits 1026](#_Toc256001365)

[7.9.5 Retention of test records and documents 1027](#_Toc256001366)

[7.9.6 Metering installation registration process 1028](#_Toc256001367)

[Part E Metering Data 1028](#_Toc256001368)

[7.10 Metering Data Services 1028](#_Toc256001369)

[7.10.1 Metering Data Services 1028](#_Toc256001370)

[7.10.2 Data management and storage 1029](#_Toc256001371)

[7.10.3 Provision of metering data to certain persons 1030](#_Toc256001372)

[7.10.4 Use of check metering data 1030](#_Toc256001373)

[7.10.5 Periodic energy metering 1031](#_Toc256001374)

[7.10.6 Time settings 1032](#_Toc256001375)

[7.10.7 Metering data performance standards 1032](#_Toc256001376)

[7.11 Metering data and database 1033](#_Toc256001377)

[7.11.1 Metering database 1033](#_Toc256001378)

[7.11.2 Data validation, substitution and estimation 1034](#_Toc256001379)

[7.11.3 Changes to energy data or to metering data 1035](#_Toc256001380)

[7.12 Register of Metering Information 1035](#_Toc256001381)

[7.12.1 Metering register 1035](#_Toc256001382)

[7.12.2 Metering register discrepancy 1036](#_Toc256001383)

[7.13 Disclosure of NMI information 1036](#_Toc256001384)

[7.13.1 Application of this Rule 1036](#_Toc256001385)

[7.13.2 NMI and NMI checksum 1036](#_Toc256001386)

[7.13.3 NMI Standing Data 1036](#_Toc256001387)

[7.14 Metering data provision to retail customers 1036](#_Toc256001388)

[Part F Security of metering installation and energy data 1037](#_Toc256001389)

[7.15 Security of metering installation and energy data 1037](#_Toc256001390)

[7.15.1 Confidentiality 1037](#_Toc256001391)

[7.15.2 Security of metering installations 1038](#_Toc256001392)

[7.15.3 Security controls for energy data 1039](#_Toc256001393)

[7.15.4 Additional security controls for small customer metering installations 1040](#_Toc256001394)

[7.15.5 Access to data 1041](#_Toc256001395)

[Part G Procedures 1043](#_Toc256001396)

[7.16 Procedures 1043](#_Toc256001397)

[7.16.1 Obligation to establish, maintain and publish procedures 1043](#_Toc256001398)

[7.16.2 Market Settlement and Transfer Solution Procedures 1043](#_Toc256001399)

[7.16.3 Requirements of the metrology procedure 1044](#_Toc256001400)

[7.16.4 Jurisdictional metrology material in metrology procedure 1045](#_Toc256001401)

[7.16.5 Additional metrology procedure matters 1046](#_Toc256001402)

[7.16.6 Requirements of the service level procedures 1047](#_Toc256001403)

[7.16.6A Requirements of the ENM service level procedures 1048](#_Toc256001404)

[7.16.6B Guide to embedded networks 1049](#_Toc256001405)

[7.16.7 Amendment of procedures in the Metering Chapter 1050](#_Toc256001406)

[7.16.8 National Measurement Act 1051](#_Toc256001407)

[Part H B2B Requirements 1051](#_Toc256001408)

[7.17 B2B Arrangements 1051](#_Toc256001409)

[7.17.1 B2B e-Hub 1051](#_Toc256001410)

[7.17.2 B2B e-Hub Participants 1052](#_Toc256001411)

[7.17.3 Content of the B2B Procedures 1052](#_Toc256001412)

[7.17.4 Changing B2B Procedures 1053](#_Toc256001413)

[7.17.5 B2B Decision 1055](#_Toc256001414)

[7.17.6 Establishment of Information Exchange Committee 1056](#_Toc256001415)

[7.17.7 Functions and powers of Information Exchange Committee 1057](#_Toc256001416)

[7.17.8 Obligations of Members 1058](#_Toc256001417)

[7.17.9 Meetings of Information Exchange Committee 1059](#_Toc256001418)

[7.17.10 Nomination, election and appointment of Members 1059](#_Toc256001419)

[7.17.11 Qualifications of Members 1060](#_Toc256001420)

[7.17.12 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1061](#_Toc256001421)

[7.17.13 Cost Recovery 1062](#_Toc256001422)

[Schedule 7.1 Metering register 1062](#_Toc256001423)

[S7.1.1 General 1062](#_Toc256001424)

[S7.1.2 Metering register information 1062](#_Toc256001425)

[Schedule 7.2 Metering Provider 1064](#_Toc256001426)

[S7.2.1 General 1064](#_Toc256001427)

[S7.2.2 Categories of registration 1064](#_Toc256001428)

[S7.2.3 Capabilities of Metering Providers for metering installations types 1, 2, 3, 4 and 4A 1066](#_Toc256001429)

[S7.2.4 Capabilities of Metering Providers for metering installations types 5 and 6 1068](#_Toc256001430)

[S7.2.5 Capabilities of Metering Providers for small customer metering installations 1068](#_Toc256001431)

[S7.2.6 Capabilities of the Accredited Service Provider category 1068](#_Toc256001432)

[Schedule 7.3 Metering Data Provider 1069](#_Toc256001433)

[S7.3.1 General 1069](#_Toc256001434)

[S7.3.2 Categories of registration 1069](#_Toc256001435)

[S7.3.3 Capabilities of Metering Data Providers 1069](#_Toc256001436)

[S7.3.4 Capabilities of Metering Data Providers for small customer metering installations 1071](#_Toc256001437)

[Schedule 7.4 Types and Accuracy of Metering installations 1071](#_Toc256001438)

[S7.4.1 General requirements 1071](#_Toc256001439)

[S7.4.2 Metering installations commissioned prior to 13 December 1998 1071](#_Toc256001440)

[S7.4.3 Accuracy requirements for metering installations 1072](#_Toc256001441)

[S7.4.4 Check metering 1078](#_Toc256001442)

[S7.4.5 Resolution and accuracy of displayed or captured data 1078](#_Toc256001443)

[S7.4.6 General design standards 1079](#_Toc256001444)

[S7.4.6.1 Design requirements 1079](#_Toc256001445)

[S7.4.6.2 Design guidelines 1080](#_Toc256001446)

[Schedule 7.5 Requirements of minimum services specification 1080](#_Toc256001447)

[S7.5.1 Minimum services specification 1080](#_Toc256001448)

[Schedule 7.6 Inspection and Testing Requirements 1083](#_Toc256001449)

[S7.6.1 General 1083](#_Toc256001450)

[S7.6.2 Technical Guidelines 1085](#_Toc256001451)

[Schedule 7.7 Embedded Network Managers 1086](#_Toc256001452)

[S7.7.1 General 1086](#_Toc256001453)

[S7.7.2 Capabilities of Embedded Network Managers 1086](#_Toc256001454)

[8. Administrative Functions 1091](#_Toc256001455)

[Part A Introductory 1091](#_Toc256001456)

[8.1 Administrative functions 1091](#_Toc256001457)

[8.1.1 [Deleted] 1091](#_Toc256001458)

[8.1.2 [Deleted] 1091](#_Toc256001459)

[8.1.3 Structure of this Chapter 1091](#_Toc256001460)

[Part B Disputes 1091](#_Toc256001461)

[8.2 Dispute Resolution 1091](#_Toc256001462)

[8.2.1 Application and guiding principles 1091](#_Toc256001463)

[8.2.2 The Dispute Resolution Adviser 1094](#_Toc256001464)

[8.2.3 Dispute management systems of Registered Participants and AEMO 1095](#_Toc256001465)

[8.2.4 Stage 1 - dispute resolution through Registered Participants' DMS 1096](#_Toc256001466)

[8.2.5 Stage 2 - dispute resolution process 1098](#_Toc256001467)

[8.2.6A Establishment of Dispute Resolution Panel 1098](#_Toc256001468)

[8.2.6B Parties to DRP Proceedings 1099](#_Toc256001469)

[8.2.6C Proceedings of the DRP 1100](#_Toc256001470)

[8.2.6D Decisions of the DRP 1101](#_Toc256001471)

[8.2.6 [Deleted] 1101](#_Toc256001472)

[8.2.7 Legal representation 1101](#_Toc256001473)

[8.2.8 Cost of dispute resolution 1102](#_Toc256001474)

[8.2.9 Effect of resolution 1102](#_Toc256001475)

[8.2.10 Recording and publication 1103](#_Toc256001476)

[8.2.11 Appeals on questions of law 1103](#_Toc256001477)

[8.2.12 [Deleted] 1103](#_Toc256001478)

[8.2A B2B Determination Disputes 1103](#_Toc256001479)

[8.2A.1 Application of rule 8.2 1103](#_Toc256001480)

[8.2A.2 How rule 8.2 applies 1103](#_Toc256001481)

[8.3 Power to make Electricity Procedures 1106](#_Toc256001482)

[8.4 [Deleted] 1106](#_Toc256001483)

[8.5 [Deleted] 1106](#_Toc256001484)

[Part C Registered Participants' confidentiality obligations 1106](#_Toc256001485)

[8.6 Confidentiality 1106](#_Toc256001486)

[8.6.1 Confidentiality 1106](#_Toc256001487)

[8.6.1A Application 1107](#_Toc256001488)

[8.6.2 Exceptions 1107](#_Toc256001489)

[8.6.3 Conditions 1109](#_Toc256001490)

[8.6.4 [Deleted] 1109](#_Toc256001491)

[8.6.5 Indemnity to AER, AEMC and AEMO 1109](#_Toc256001492)

[8.6.6 AEMO information 1109](#_Toc256001493)

[8.6.7 Information on Rules Bodies 1109](#_Toc256001494)

[Part D Monitoring and reporting 1110](#_Toc256001495)

[8.7 Monitoring and Reporting 1110](#_Toc256001496)

[8.7.1 Monitoring 1110](#_Toc256001497)

[8.7.2 Reporting requirements and monitoring standards for Registered Participants and AEMO 1110](#_Toc256001498)

[8.7.3 Consultation required for making general regulatory information order (Section 28H of the NEL) 1112](#_Toc256001499)

[8.7.4 Preparation of network service provider performance report (Section 28V of the NEL) 1113](#_Toc256001500)

[8.7.5 [Deleted] 1114](#_Toc256001501)

[8.7.6 Recovery of reporting costs 1114](#_Toc256001502)

[Part E Reliability panel 1114](#_Toc256001503)

[8.8 Reliability Panel 1114](#_Toc256001504)

[8.8.1 Purpose of Reliability Panel 1114](#_Toc256001505)

[8.8.2 Constitution of the Reliability Panel 1116](#_Toc256001506)

[8.8.3 Reliability Panel review process 1118](#_Toc256001507)

[8.8.4 Determination of protected events 1120](#_Toc256001508)

[Part F Rules consultation procedures 1122](#_Toc256001509)

[8.9 Rules Consultation Procedures 1122](#_Toc256001510)

[Part G Consumer advocacy funding 1124](#_Toc256001511)

[8.10 Consumer advocacy funding obligation 1124](#_Toc256001512)

[Part H Augmentations 1124](#_Toc256001513)

[8.11 Augmentations 1124](#_Toc256001514)

[8.11.1 Application 1124](#_Toc256001515)

[8.11.2 Object 1124](#_Toc256001516)

[8.11.3 Definitions 1125](#_Toc256001517)

[8.11.4 Planning criteria 1125](#_Toc256001518)

[8.11.5 Construction of augmentation that is not a contestable augmentation 1126](#_Toc256001519)

[8.11.6 Contestable augmentations 1126](#_Toc256001520)

[8.11.7 Construction and operation of contestable augmentation 1127](#_Toc256001521)

[8.11.8 Funded augmentations that are not subject to the tender process 1129](#_Toc256001522)

[8.11.9 Contractual requirements and principles 1129](#_Toc256001523)

[8.11.10 Annual planning review 1130](#_Toc256001524)

[Schedule 8.11 Principles to be reflected in agreements relating to contestable augmentations 1130](#_Toc256001525)

[S8.11.1 Risk allocation 1130](#_Toc256001526)

[S8.11.2 Minimum requirements for agreements relating to contestable augmentation 1131](#_Toc256001527)

[S8.11.3 Matters to be dealt with in relevant agreements 1132](#_Toc256001528)

[Part I Values of customer reliability 1132](#_Toc256001529)

[8.12 Development of methodology and publication of values of customer reliability 1132](#_Toc256001530)

[8A. Participant Derogations 1137](#_Toc256001531)

[Part 1 Derogations Granted to TransGrid 1137](#_Toc256001532)

[8A.1 [Deleted] 1137](#_Toc256001533)

[Part 2 Derogations Granted to EnergyAustralia 1137](#_Toc256001534)

[8A.2 [Deleted] 1137](#_Toc256001535)

[8A.2A [Deleted] 1137](#_Toc256001536)

[Part 3 [Deleted] 1137](#_Toc256001537)

[Part 4 [Deleted] 1137](#_Toc256001538)

[Part 5 [Deleted] 1137](#_Toc256001539)

[Part 6 Derogations Granted to Victorian Market Participants 1137](#_Toc256001540)

[Part 7 [Deleted] 1138](#_Toc256001541)

[Part 8 [Deleted] 1138](#_Toc256001542)

[Part 9 [Deleted] 1138](#_Toc256001543)

[Part 10 [Deleted] 1138](#_Toc256001544)

[Part 11 [Deleted] 1138](#_Toc256001545)

[Part 12 [Deleted] 1138](#_Toc256001546)

[Part 13 Derogation granted to Aurora Energy (Tamar Valley) Pty Ltd 1138](#_Toc256001547)

[8A.13 [Deleted] 1138](#_Toc256001548)

[Part 14 Derogations granted to Ausgrid, Endeavour Energy and Essential Energy 1138](#_Toc256001549)

[8A.14 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1138](#_Toc256001550)

[8A.14.1 Definitions 1138](#_Toc256001551)

[8A.14.2 Expiry date 1142](#_Toc256001552)

[8A.14.3 Application of Rule 8A.14 1142](#_Toc256001553)

[8A.14.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1143](#_Toc256001554)

[8A.14.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1144](#_Toc256001555)

[8A.14.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1145](#_Toc256001556)

[8A.14.7 Requirements for adjustment determination 1146](#_Toc256001557)

[8A.14.8 Application of Chapter 6 under participant derogation 1147](#_Toc256001558)

[Part 15 Derogations granted to ActewAGL 1148](#_Toc256001559)

[8A.15 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1148](#_Toc256001560)

[8A.15.1 Definitions 1148](#_Toc256001561)

[8A.15.2 Expiry date 1152](#_Toc256001562)

[8A.15.3 Application of Rule 8A.15 1152](#_Toc256001563)

[8A.15.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1152](#_Toc256001564)

[8A.15.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1154](#_Toc256001565)

[8A.15.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1155](#_Toc256001566)

[8A.15.7 Requirements for adjustment determination 1157](#_Toc256001567)

[8A.15.8 Application of Chapter 6 under participant derogation 1157](#_Toc256001568)

[9. Jurisdictional Derogations and Transitional Arrangements 1163](#_Toc256001569)

[9.1 Purpose and Application 1163](#_Toc256001570)

[9.1.1 Purpose 1163](#_Toc256001571)

[9.1.2 Jurisdictional Derogations 1163](#_Toc256001572)

[Part A Jurisdictional Derogations for Victoria 1163](#_Toc256001573)

[9.2 [Deleted] 1163](#_Toc256001574)

[9.3 Definitions 1163](#_Toc256001575)

[9.3.1 General Definitions 1163](#_Toc256001576)

[9.3.2 [Deleted] 1165](#_Toc256001577)

[9.3A Fault levels 1165](#_Toc256001578)

[9.4 Transitional Arrangements for Chapter 2 - Registered Participants, Registration and Cross Border Networks 1166](#_Toc256001579)

[9.4.1 [Deleted] 1166](#_Toc256001580)

[9.4.2 Smelter Trader 1166](#_Toc256001581)

[9.4.3 Smelter Trader: compliance 1166](#_Toc256001582)

[9.4.4 Report from AER 1169](#_Toc256001583)

[9.4.5 Cross Border Networks 1169](#_Toc256001584)

[9.5 Transitional Arrangements for Chapter 3 – Reliability and Emergency Reserve Trader 1170](#_Toc256001585)

[9.5.1 Definition 1170](#_Toc256001586)

[9.5.2 Expiry date 1170](#_Toc256001587)

[9.5.3 Multi-year Victorian contracts – term and volume 1170](#_Toc256001588)

[9.5.4 Multi-year Victorian contracts - reporting 1170](#_Toc256001589)

[9.6 Transitional Arrangements for Chapter 4 - System Security 1171](#_Toc256001590)

[9.6.1 Operating Procedures (clause 4.10.1) 1171](#_Toc256001591)

[9.6.2 Nomenclature Standards (clause 4.12) 1171](#_Toc256001592)

[9.7 Transitional Arrangements for Chapter 5 - Network Connection 1172](#_Toc256001593)

[9.7.1 [Deleted] 1172](#_Toc256001594)

[9.7.2 [Deleted] 1172](#_Toc256001595)

[9.7.3 [Deleted] 1172](#_Toc256001596)

[9.7.4 Regulation of Distribution Network Connection 1172](#_Toc256001597)

[9.7.5 [Deleted] 1173](#_Toc256001598)

[9.7.6 [Deleted] 1173](#_Toc256001599)

[9.7.7 [Deleted] 1173](#_Toc256001600)

[9.8 Transitional Arrangements for Chapter 6 - Network Pricing 1173](#_Toc256001601)

[9.8.1 [Deleted] 1173](#_Toc256001602)

[9.8.2 [Deleted] 1173](#_Toc256001603)

[9.8.3 [Deleted] 1173](#_Toc256001604)

[9.8.4 Transmission Network Pricing 1173](#_Toc256001605)

[9.8.4A [Deleted] 1174](#_Toc256001606)

[9.8.4B [Deleted] 1174](#_Toc256001607)

[9.8.4C [Deleted] 1174](#_Toc256001608)

[9.8.4D [Deleted] 1174](#_Toc256001609)

[9.8.4E [Deleted] 1174](#_Toc256001610)

[9.8.4F [Deleted] 1174](#_Toc256001611)

[9.8.4G [Deleted] 1174](#_Toc256001612)

[9.8.5 [Deleted] 1174](#_Toc256001613)

[9.8.6 [Deleted] 1174](#_Toc256001614)

[9.8.7 Distribution network pricing – transitional application of former Chapter 6 1174](#_Toc256001615)

[9.8.8 Exclusion of AER's power to aggregate distribution systems and parts of distribution systems 1175](#_Toc256001616)

[9.9 Transitional Arrangements for Chapter 7 - Metering 1176](#_Toc256001617)

[9.9.1 Metering Installations To Which This Schedule Applies 1176](#_Toc256001618)

[9.9.2 [Deleted] 1176](#_Toc256001619)

[9.9.3 [Deleted] 1176](#_Toc256001620)

[9.9.4 [Deleted] 1176](#_Toc256001621)

[9.9.5 [Deleted] 1176](#_Toc256001622)

[9.9.6 [Deleted] 1176](#_Toc256001623)

[9.9.7 [Deleted] 1176](#_Toc256001624)

[9.9.8 [Deleted] 1176](#_Toc256001625)

[9.9.9 Periodic Energy Metering (clause 7.9.3) 1176](#_Toc256001626)

[9.9.10 Use of Alternate Technologies (clause 7.13) 1176](#_Toc256001627)

[9.9A [Deleted] 1177](#_Toc256001628)

[9.9B [Deleted] 1177](#_Toc256001629)

[9.9C [Deleted] 1177](#_Toc256001630)

[1. Interpretation of tables 1177](#_Toc256001631)

[2. Continuing effect 1177](#_Toc256001632)

[3. Subsequent agreement 1178](#_Toc256001633)

[4. [Deleted] 1178](#_Toc256001634)

[5. Reactive Power Capability (clause S5.2.5.1 of schedule 5.2) 1178](#_Toc256001635)

[6. [Deleted] 1179](#_Toc256001636)

[7. [Deleted] 1179](#_Toc256001637)

[8. [Deleted] 1179](#_Toc256001638)

[9. [Deleted] 1179](#_Toc256001639)

[10. [Deleted] 1179](#_Toc256001640)

[11. [Deleted 1179](#_Toc256001641)

[12. [Deleted] 1179](#_Toc256001642)

[13. Governor Systems (load control) (clause S5.2.5.11 of schedule 5.2) 1179](#_Toc256001643)

[14. [Deleted] 1179](#_Toc256001644)

[15. [Deleted] 1179](#_Toc256001645)

[16. Excitation Control System (clause S5.2.5.13 of schedule 5.2) 1179](#_Toc256001646)

[Part B Jurisdictional Derogations for New South Wales 1180](#_Toc256001647)

[9.10 [Deleted] 1180](#_Toc256001648)

[9.11 Definitions 1180](#_Toc256001649)

[9.11.1 Definitions used in this Part B 1180](#_Toc256001650)

[9.12 Transitional Arrangements for Chapter 2 - Generators, Registered Participants, Registration and Cross Border Networks 1181](#_Toc256001651)

[9.12.1 [Deleted] 1181](#_Toc256001652)

[9.12.2 Customers 1181](#_Toc256001653)

[9.12.3 Power Traders 1181](#_Toc256001654)

[9.12.4 Cross Border Networks 1184](#_Toc256001655)

[9.13 [Deleted] 1185](#_Toc256001656)

[9.14 Transitional Arrangements for Chapter 4 - System Security 1185](#_Toc256001657)

[9.14.1 Power System Operating Procedures 1185](#_Toc256001658)

[9.15 NSW contestable services for Chapter 5A 1185](#_Toc256001659)

[9.15.1 Definitions 1185](#_Toc256001660)

[9.15.2 Chapter 5A not to apply to certain contestable services 1185](#_Toc256001661)

[9.16 Transitional Arrangements for Chapter 6 - Network Pricing 1185](#_Toc256001662)

[9.16.1 NSW contestable services 1185](#_Toc256001663)

[9.16.2 [Deleted] 1185](#_Toc256001664)

[9.16.3 Jurisdictional Regulator 1185](#_Toc256001665)

[9.16.4 Deemed Regulated Interconnector 1186](#_Toc256001666)

[9.16.5 [Deleted] 1186](#_Toc256001667)

[9.17 Transitional Arrangements for Chapter 7 - Metering 1186](#_Toc256001668)

[9.17.1 Extent of Derogations 1186](#_Toc256001669)

[9.17.2 Initial Registration (clause 7.1.2) 1186](#_Toc256001670)

[9.17.3 Amendments to Schedule 9G1 1186](#_Toc256001671)

[9.17.4 Compliance with AS/NZ ISO 9002 (clause S7.4.3(f) of schedule 7.4) 1187](#_Toc256001672)

[9.17A [Deleted] 1187](#_Toc256001673)

[9.18 [Deleted] 1187](#_Toc256001674)

[Part C Jurisdictional Derogations for the Australian Capital Territory 1187](#_Toc256001675)

[9.19 [Deleted] 1187](#_Toc256001676)

[9.20 Definitions and Transitional Arrangements for Cross-Border Networks 1187](#_Toc256001677)

[9.20.1 Definitions 1187](#_Toc256001678)

[9.20.2 Cross Border Networks 1187](#_Toc256001679)

[9.21 [Deleted] 1188](#_Toc256001680)

[9.22 [Deleted] 1188](#_Toc256001681)

[9.23 Transitional Arrangements for Chapter 6 - Network Pricing 1188](#_Toc256001682)

[9.23.1 [Deleted] 1188](#_Toc256001683)

[9.23.2 [Deleted] 1188](#_Toc256001684)

[9.23.3 [Deleted 1188](#_Toc256001685)

[9.23.4 [Deleted] 1188](#_Toc256001686)

[9.24 Transitional Arrangements 1188](#_Toc256001687)

[9.24.1 Chapter 7 - Metering 1188](#_Toc256001688)

[9.24.2 [Deleted] 1188](#_Toc256001689)

[9.24A [Deleted] 1188](#_Toc256001690)

[Part D Jurisdictional Derogations for South Australia 1188](#_Toc256001691)

[9.25 Definitions 1188](#_Toc256001692)

[9.25.1 [Deleted] 1188](#_Toc256001693)

[9.25.2 Definitions 1188](#_Toc256001694)

[9.26 Transitional Arrangements for Chapter 2 - Registered Participants, Registration And Cross Border Networks 1191](#_Toc256001695)

[9.26.1 Registration as a Generator 1191](#_Toc256001696)

[9.26.2 Registration as a Customer 1192](#_Toc256001697)

[9.26.3 Cross Border Networks 1192](#_Toc256001698)

[9.26.4 [Deleted] 1192](#_Toc256001699)

[9.26.5 Registration as a Network Service Provider 1192](#_Toc256001700)

[9.27 [Deleted] 1193](#_Toc256001701)

[9.28 Transitional Arrangements for Chapter 5 - Network Connection 1193](#_Toc256001702)

[9.28.1 Application of clause 5.2 1193](#_Toc256001703)

[9.28.2 [Deleted] 1194](#_Toc256001704)

[9.29 Transitional Arrangements for Chapter 6 - Economic Regulation of Distribution Services 1194](#_Toc256001705)

[9.29.1 [Deleted] 1194](#_Toc256001706)

[9.29.2 [Deleted] 1194](#_Toc256001707)

[9.29.3 [Deleted] 1194](#_Toc256001708)

[9.29.4 [Deleted] 1194](#_Toc256001709)

[9.29.5 Distribution Network Pricing – South Australia 1194](#_Toc256001710)

[9.29.6 Capital contributions, prepayments and financial guarantees 1195](#_Toc256001711)

[9.29.7 Ring fencing 1195](#_Toc256001712)

[9.29A Monitoring and reporting 1195](#_Toc256001713)

[9.30 Transitional Provisions 1196](#_Toc256001714)

[9.30.1 Chapter 7 - Metering 1196](#_Toc256001715)

[Part E Jurisdictional Derogations for Queensland 1196](#_Toc256001716)

[9.31 [Deleted] 1196](#_Toc256001717)

[9.32 Definitions and Interpretation 1196](#_Toc256001718)

[9.32.1 Definitions 1196](#_Toc256001719)

[9.32.2 Interpretation 1199](#_Toc256001720)

[9.33 Transitional Arrangements for Chapter 1 1199](#_Toc256001721)

[9.33.1 [Deleted] 1199](#_Toc256001722)

[9.34 Transitional Arrangements for Chapter 2 - Registered Participants and Registration 1199](#_Toc256001723)

[9.34.1 Application of the Rules in Queensland (clauses 2.2 and 2.5) 1199](#_Toc256001724)

[9.34.2 Stanwell Cross Border Leases (clause 2.2) 1199](#_Toc256001725)

[9.34.3 [Deleted] 1199](#_Toc256001726)

[9.34.4 Registration as a Customer (clause 2.3.1) 1199](#_Toc256001727)

[9.34.5 There is no clause 9.34.5 1200](#_Toc256001728)

[9.34.6 Exempted generation agreements (clause 2.2) 1200](#_Toc256001729)

[9.35 [Deleted] 1204](#_Toc256001730)

[9.36 [Deleted] 1204](#_Toc256001731)

[9.37 Transitional Arrangements for Chapter 5 - Network Connection 1204](#_Toc256001732)

[9.37.1 [Deleted] 1204](#_Toc256001733)

[9.37.2 Existing connection and access agreements (clause 5.2) 1204](#_Toc256001734)

[9.37.3 [Deleted] 1205](#_Toc256001735)

[9.37.4 [Deleted] 1205](#_Toc256001736)

[9.37.5 Forecasts for connection points to transmission network (clause 5.11.1) 1205](#_Toc256001737)

[9.37.6 There is no clause 9.37.6 1205](#_Toc256001738)

[9.37.7 Cross Border Networks 1205](#_Toc256001739)

[9.37.8 [Deleted] 1206](#_Toc256001740)

[9.37.9 Credible contingency events (clause S5.1.2.1 of schedule 5.1) 1206](#_Toc256001741)

[9.37.10 Reactive power capability (clause S5.2.5.1 of schedule 5.2) 1206](#_Toc256001742)

[9.37.11 [Deleted] 1207](#_Toc256001743)

[9.37.12 Voltage fluctuations (clause S5.1.5 of schedule 5.1) 1207](#_Toc256001744)

[9.37.13 [Deleted] 1209](#_Toc256001745)

[9.37.14 [Deleted] 1209](#_Toc256001746)

[9.37.15 [Deleted] 1209](#_Toc256001747)

[9.37.16 [Deleted] 1209](#_Toc256001748)

[9.37.17 [Deleted] 1209](#_Toc256001749)

[9.37.18 [Deleted] 1209](#_Toc256001750)

[9.37.19 Generating unit response to disturbances (clause S5.2.5.3 of schedule 5.2) 1209](#_Toc256001751)

[9.37.20 [Deleted] 1209](#_Toc256001752)

[9.37.21 Excitation control system (clause S.5.2.5.13 of schedule 5.2) 1209](#_Toc256001753)

[9.37.22 [Deleted] 1210](#_Toc256001754)

[9.37.23 Annual forecast information for planning purposes (schedule 5.7) 1210](#_Toc256001755)

[9.38 Transitional Arrangements for Chapter 6 - Network Pricing 1210](#_Toc256001756)

[9.38.1 [Deleted] 1210](#_Toc256001757)

[9.38.2 [Deleted] 1210](#_Toc256001758)

[9.38.3 [Deleted] 1210](#_Toc256001759)

[9.38.4 Interconnectors between regions 1210](#_Toc256001760)

[9.38.5 Transmission pricing for exempted generation agreements 1210](#_Toc256001761)

[9.39 Transitional Arrangements for Chapter 7 - Metering 1211](#_Toc256001762)

[9.39.1 Metering installations to which this clause applies 1211](#_Toc256001763)

[9.39.2 [Deleted] 1212](#_Toc256001764)

[9.39.3 [Deleted] 1212](#_Toc256001765)

[9.39.4 [Deleted] 1212](#_Toc256001766)

[9.39.5 [Deleted] 1212](#_Toc256001767)

[9.40 Transitional Arrangements for Chapter 8 - Administration Functions 1212](#_Toc256001768)

[9.40.1 [Deleted] 1212](#_Toc256001769)

[9.40.2 [Deleted] 1212](#_Toc256001770)

[9.40.3 [Deleted] 1212](#_Toc256001771)

[9.41 [Deleted] 1212](#_Toc256001772)

[Part F Jurisdictional Derogations for Tasmania 1213](#_Toc256001773)

[9.42 Definitions and interpretation 1213](#_Toc256001774)

[9.42.1 Definitions 1213](#_Toc256001775)

[9.42.2 Interpretation 1214](#_Toc256001776)

[9.42.3 National grid, power system and related expressions 1214](#_Toc256001777)

[9.43 [Deleted] 1215](#_Toc256001778)

[9.44 Transitional arrangements for Chapter 2 – Registered Participants and Registration - Customers (clause 2.3.1(e)) 1215](#_Toc256001779)

[9.45 Tasmanian Region (clause 3.5) 1215](#_Toc256001780)

[9.47 Transitional arrangements for Chapter 5- Network Connection 1215](#_Toc256001781)

[9.47.1 Existing Connection Agreements 1215](#_Toc256001782)

[9.48 Transitional arrangements - Transmission and Distribution Pricing 1215](#_Toc256001783)

[9.48.4A Ring fencing 1215](#_Toc256001784)

[9.48.4B Uniformity of tariffs for small customers 1216](#_Toc256001785)

[9.48.5 Transmission network 1216](#_Toc256001786)

[9.48.6 Deemed regulated interconnector 1216](#_Toc256001787)

[Part G Schedules to Chapter 9 1216](#_Toc256001788)

[1. Introduction 1216](#_Toc256001789)

[2. [Deleted] 1216](#_Toc256001790)

[3. General Principle 1216](#_Toc256001791)

[4. [Deleted] 1217](#_Toc256001792)

[5. Accuracy Requirements 1217](#_Toc256001793)

[6. [Deleted] 1217](#_Toc256001794)

[7. [Deleted] 1217](#_Toc256001795)

[8. [Deleted] 1217](#_Toc256001796)

[9. [Deleted] 1217](#_Toc256001797)

[10. [Deleted] 1217](#_Toc256001798)

[10. Glossary 1221](#_Toc256001799)

[11. Savings and Transitional Rules 1339](#_Toc256001800)

[Part A Definitions 1339](#_Toc256001801)

[Part B System Restart Ancillary Services (2006 amendments) 1339](#_Toc256001802)

[11.2 Rules consequent on making of the National Electricity Amendment (System Restart Ancillary Services and pricing under market suspension) Rule 2006 1339](#_Toc256001803)

[11.2.1 Transitional provision for acquisition of non-market ancillary services 1339](#_Toc256001804)

[11.3 [Deleted] 1340](#_Toc256001805)

[Part C Dispute Resolution for Regulatory Test (2006 amendments) 1340](#_Toc256001806)

[11.4 Rules consequent on making of the National Electricity Amendment (Dispute Resolution for Regulatory Test) Rule 2006 1340](#_Toc256001807)

[11.4.1 Continuation of things done under old clause 5.6.6 1340](#_Toc256001808)

[Part D Metrology (2006 amendments) 1341](#_Toc256001809)

[11.5 Rules consequential on the making of the National Electricity Amendment (Metrology) Rule 2006 1341](#_Toc256001810)

[11.5.1 Definitions 1341](#_Toc256001811)

[11.5.2 Metrology procedures continues to apply until 31 December 2006 1341](#_Toc256001812)

[11.5.3 Responsible person 1341](#_Toc256001813)

[11.5.4 NEMMCO's responsibility to develop a metrology procedure 1341](#_Toc256001814)

[11.5.5 Jurisdictional metrology material in the metrology procedure 1342](#_Toc256001815)

[Part E Economic Regulation of Transmission Services (2006 amendments) 1342](#_Toc256001816)

[11.6 Rules consequent on making of the National Electricity Amendment (Economic Regulation of Transmission Services) Rule 2006 1342](#_Toc256001817)

[11.6.1 Definitions 1342](#_Toc256001818)

[11.6.2 New Chapter 6A does not affect existing revenue determinations 1343](#_Toc256001819)

[11.6.3 Old Part C and Schedules 6.2, 6.3, 6.4, 6.7 and 6.8 of old Chapter 6 1344](#_Toc256001820)

[11.6.4 Old Part F of Chapter 6 1344](#_Toc256001821)

[11.6.5 Application of new Chapter 6A to Transmission Network Service Providers 1344](#_Toc256001822)

[11.6.6 Application of Chapter 6 to old distribution matters 1344](#_Toc256001823)

[11.6.7 References to the old Chapter 6 1344](#_Toc256001824)

[11.6.8 References to provisions of the old Chapter 6 1345](#_Toc256001825)

[11.6.9 Roll forward of regulatory asset base for first regulatory control period 1345](#_Toc256001826)

[11.6.10 Other adjustment carry-over mechanisms from current to first regulatory control period 1345](#_Toc256001827)

[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 1345](#_Toc256001828)

[11.6.12 Powerlink transitional provisions 1348](#_Toc256001829)

[11.6.13 ElectraNet easements transitional provisions 1351](#_Toc256001830)

[11.6.14 TransGrid contingent projects 1351](#_Toc256001831)

[11.6.15 Transmission determination includes existing revenue determinations 1352](#_Toc256001832)

[11.6.16 References to regulatory control period 1352](#_Toc256001833)

[11.6.17 Consultation procedure for first proposed guidelines 1352](#_Toc256001834)

[11.6.18 Reliance on proposed guidelines for SP AusNet, VENCorp and ElectraNet 1353](#_Toc256001835)

[11.6.19 EnergyAustralia transitional provisions 1353](#_Toc256001836)

[11.6.20 Basslink transitional provisions 1355](#_Toc256001837)

[11.6.21 SPI Powernet savings and transitional provision 1357](#_Toc256001838)

[11.6.22 Interim arrangements pricing-related information 1358](#_Toc256001839)

[Part F Reform of Regulatory Test Principles (2006 amendments) 1359](#_Toc256001840)

[11.7 Rules consequent on making of the National Electricity Amendment (Reform of the Regulatory Test Principles) Rule 2006 1359](#_Toc256001841)

[11.7.1 Definitions 1359](#_Toc256001842)

[11.7.2 Amending Rule does not affect old clause 5.6.5A 1359](#_Toc256001843)

[Part G Pricing of Prescribed Transmission Services (2006 amendments) 1359](#_Toc256001844)

[11.8 Rules consequent on making the National Electricity Amendment (Pricing of Prescribed Transmission Services) Rule 2006 1359](#_Toc256001845)

[11.8.1 Definitions 1359](#_Toc256001846)

[11.8.2 Regulated interconnectors 1360](#_Toc256001847)

[11.8.3 Application of new Part J of Chapter 6A to Transmission Network Service Providers 1360](#_Toc256001848)

[11.8.4 Reliance on agreed interim guideline for ElectraNet, SPAusNet, and VenCorp 1361](#_Toc256001849)

[11.8.5 Prudent discounts under existing agreements 1361](#_Toc256001850)

[11.8.6 Application of prudent discounts regime under rule 6A.26 1361](#_Toc256001851)

[11.8.7 Prudent discounts pending approval of pricing methodology 1361](#_Toc256001852)

[Part H Reallocations (2007 amendments) 1362](#_Toc256001853)

[11.9 Rules consequent on the making of the National Electricity Amendment (Reallocations) Rule 2007 1362](#_Toc256001854)

[11.9.1 Definitions 1362](#_Toc256001855)

[11.9.2 Existing and transitional reallocations 1362](#_Toc256001856)

[Part I Technical Standards for Wind Generation (2007 amendments) 1363](#_Toc256001857)

[11.10 Rules consequent on making of the National Electricity Amendment (Technical Standards for Wind Generation and other Generator Connections) Rule 2007 1363](#_Toc256001858)

[11.10.1 Definitions 1363](#_Toc256001859)

[11.10.2 Provision of information under S5.2.4 in registration application 1363](#_Toc256001860)

[11.10.3 Access standards made under the old Chapter 5 1364](#_Toc256001861)

[11.10.4 Modifications to plant by Generators 1364](#_Toc256001862)

[11.10.5 Technical Details to Support Application for Connection and Connection Agreement 1364](#_Toc256001863)

[11.10.6 Transitional arrangements for establishment of performance standards 1364](#_Toc256001864)

[11.10.7 Jurisdictional Derogations for Queensland 1364](#_Toc256001865)

[11.10A Rules consequent on the making of the National Electricity Amendment (Central Dispatch and Integration of Wind and Other Intermittent Generation) Rule 2008 1365](#_Toc256001866)

[11.10A.1 Definitions 1365](#_Toc256001867)

[11.10A.2 Registration and reclassification of classified generating units 1366](#_Toc256001868)

[11.10A.3 Registered generating unit 1366](#_Toc256001869)

[11.10A.4 Classification of potential semi-scheduled generating unit 1366](#_Toc256001870)

[11.10A.5 Participant fees 1367](#_Toc256001871)

[11.10A.6 Timetable 1367](#_Toc256001872)

[11.10A.7 Procedure for contribution factors for ancillary service transactions 1367](#_Toc256001873)

[11.10A.8 Guidelines for energy conversion model information 1367](#_Toc256001874)

[Part J Cost Recovery of Localised Regulation Services (2007 amendments) 1368](#_Toc256001875)

[11.11 Rules consequent on making of the National Electricity Amendment (Cost Recovery of Localised Regulation Services) Rule 2007 1368](#_Toc256001876)

[11.11.1 Definitions 1368](#_Toc256001877)

[11.11.2 Action taken by NEMMCO for the purposes of Amending Rule 1368](#_Toc256001878)

[11.12 [Deleted] 1368](#_Toc256001879)

[Part L [Deleted] 1368](#_Toc256001880)

[Part M Economic Regulation of Distribution Services (2007 amendments) 1368](#_Toc256001881)

[Division 1 General Provisions 1368](#_Toc256001882)

[11.14 General provisions 1368](#_Toc256001883)

[11.14.1 Application of this Division 1368](#_Toc256001884)

[11.14.2 Definitions 1368](#_Toc256001885)

[11.14.3 Preservation of old regulatory regime 1369](#_Toc256001886)

[11.14.4 Transfer of regulatory responsibility 1370](#_Toc256001887)

[11.14.5 Special requirements with regard to ring fencing 1370](#_Toc256001888)

[11.14.6 Additional requirements with regard to cost allocation 1371](#_Toc256001889)

[11.14.7 Construction of documents 1371](#_Toc256001890)

[Division 2 [Deleted] 1372](#_Toc256001891)

[Division 3 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1372](#_Toc256001892)

[11.16 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1372](#_Toc256001893)

[11.16.1 Definitions 1372](#_Toc256001894)

[11.16.2 Application of Part to Queensland 2010 distribution determinations 1372](#_Toc256001895)

[11.16.3 Treatment of the regulatory asset base 1372](#_Toc256001896)

[11.16.4 Efficiency Benefit Sharing Scheme 1373](#_Toc256001897)

[11.16.5 Service Target Performance Incentive Scheme 1373](#_Toc256001898)

[11.16.6 Framework and approach 1373](#_Toc256001899)

[11.16.7 Regulatory Proposal 1373](#_Toc256001900)

[11.16.8 Side constraints 1374](#_Toc256001901)

[11.16.9 Cost pass throughs 1374](#_Toc256001902)

[11.16.10 Capital Contributions Policy 1374](#_Toc256001903)

[Division 4 Transitional provisions of specific application to Victoria 1375](#_Toc256001904)

[11.17 Transitional provisions of specific application to Victoria 1375](#_Toc256001905)

[11.17.1 Definitions 1375](#_Toc256001906)

[11.17.2 Calculation of estimated cost of corporate income tax 1375](#_Toc256001907)

[11.17.3 Decisions made in the absence of a statement of regulatory intent 1375](#_Toc256001908)

[11.17.4 Cost allocation guidelines 1376](#_Toc256001909)

[11.17.5 Modification of requirements related to cost allocation method 1376](#_Toc256001910)

[11.17.6 AMI Order in Council 1377](#_Toc256001911)

[Part N Registration of Foreign Based Persons and Corporations as Trader Class Participants (2007 amendments) 1377](#_Toc256001912)

[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 1377](#_Toc256001913)

[11.18.1 Definitions 1377](#_Toc256001914)

[11.18.2 Auction rules 1377](#_Toc256001915)

[Part O Process for Region Change (2007 amendments) 1378](#_Toc256001916)

[11.19 Rules consequent on making of the National Electricity Amendment (Process for Region Change) Rule 2007 1378](#_Toc256001917)

[11.19.1 Definitions 1378](#_Toc256001918)

[11.19.2 Regions Publication 1378](#_Toc256001919)

[Part P Integration of NEM Metrology Requirements 1378](#_Toc256001920)

[11.20 Rules consequential on the making of the National Electricity Amendment (Integration of NEM Metrology Requirements) Rule 2008 1378](#_Toc256001921)

[11.20.1 Definitions 1378](#_Toc256001922)

[11.20.2 Metering installations for non-market generating units immediately prior to 30 June 2008 1378](#_Toc256001923)

[11.20.3 First-tier load metering installations 1379](#_Toc256001924)

[11.20.4 First-tier load metering installations in Victoria 1379](#_Toc256001925)

[11.20.5 Minimalist Transitioning Approach in Queensland 1379](#_Toc256001926)

[11.20.6 First-tier jurisdictional requirements publication 1380](#_Toc256001927)

[11.20.7 Metrology procedure 1380](#_Toc256001928)

[Part PA Reliability Settings: Information Safety Net and Directions 1380](#_Toc256001929)

[11.21 Rules consequential on the making of the National Electricity Amendment (NEM Reliability Settings: Information Safety Net and Directions) Rule 2008 1380](#_Toc256001930)

[11.21.1 Definitions 1380](#_Toc256001931)

[11.21.2 EAAP guidelines 1380](#_Toc256001932)

[11.21.3 [Deleted] 1380](#_Toc256001933)

[11.21.4 [Deleted] 1380](#_Toc256001934)

[11.21.5 Timetable 1380](#_Toc256001935)

[11.21.6 Power system security and reliability standards 1381](#_Toc256001936)

[11.21.7 Report on statement of opportunities 1381](#_Toc256001937)

[11.21.8 Methodology for dispatch prices and ancillary services prices 1381](#_Toc256001938)

[Part Q Regulatory Test Thresholds and Information Disclosure on Network Replacements 1381](#_Toc256001939)

[11.22 Rules consequential on the making of the National Electricity Amendment (Regulatory Test Thresholds and Information Disclosure on Network Replacements) Rule 2008 1381](#_Toc256001940)

[11.22.1 Definitions 1381](#_Toc256001941)

[11.22.2 Amending Rule does not affect existing regulatory test 1382](#_Toc256001942)

[Part R Performance Standard Compliance of Generators 1382](#_Toc256001943)

[11.23 Rules consequential on the making of the National Electricity Amendment (Performance Standards Compliance of Generators) Rule 2008 1382](#_Toc256001944)

[11.23.1 Definitions 1382](#_Toc256001945)

[11.23.2 Application of rule 11.23 for compliance programs implemented immediately after the commencement of the Amending Rule 1382](#_Toc256001946)

[11.23.3 Application of rule 11.23 for compliance programs implemented immediately prior to the commencement of the Amending Rule 1382](#_Toc256001947)

[11.23.4 Application of rule 11.23 for compliance programs not implemented immediately prior to the commencement of the Amending Rule 1383](#_Toc256001948)

[Part S [Deleted] 1383](#_Toc256001949)

[Part U Confidentiality Arrangements concerning Information required for Power System Studies 1383](#_Toc256001950)

[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 1383](#_Toc256001951)

[11.25.1 Definitions 1383](#_Toc256001952)

[11.25.2 Transitional arrangements for the provision of information 1383](#_Toc256001953)

[Part V WACC Reviews: Extension of Time 1385](#_Toc256001954)

[11.26 Rule consequential on the making of the National Electricity Amendment (WACC Reviews: Extension of Time) Rule 2009 1385](#_Toc256001955)

[11.26.1 Definitions 1385](#_Toc256001956)

[11.26.2 Extension of time to submit a regulatory proposal for the regulatory control period 2010-2015 1385](#_Toc256001957)

[Part W National Transmission Statement 1385](#_Toc256001958)

[11.27 Rules consequent on the making of the National Electricity Amendment (National Transmission Statement) Rule 2009 1385](#_Toc256001959)

[11.27.1 Definitions 1385](#_Toc256001960)

[11.27.2 Purpose 1385](#_Toc256001961)

[11.27.3 Application of rule 11.27 1386](#_Toc256001962)

[11.27.4 National Transmission Statement 1386](#_Toc256001963)

[11.27.5 Scope and Content of National Transmission Network Development Plan 1387](#_Toc256001964)

[11.27.6 Energy Adequacy Assessment Projection 1388](#_Toc256001965)

[11.27.7 Amendment to Last Resort Power 1388](#_Toc256001966)

[11.27.8 Actions taken prior to commencement of Rule 1388](#_Toc256001967)

[Part X National Transmission Planning 1388](#_Toc256001968)

[11.28 Rules consequential on the making of the National Electricity (Australian Energy Market Operator) Amendment Rules 2009 1388](#_Toc256001969)

[11.28.1 Definitions 1388](#_Toc256001970)

[11.28.2 Jurisdictional planning bodies and representatives 1388](#_Toc256001971)

[11.28.3 Criteria and guidelines published by Inter-regional Planning Committee 1389](#_Toc256001972)

[11.28.4 Augmentation technical reports 1389](#_Toc256001973)

[11.28.5 Last Resort Planning Power 1389](#_Toc256001974)

[11.28.6 Inter-network power system tests 1389](#_Toc256001975)

[11.28.7 Control and protection settings for equipment 1390](#_Toc256001976)

[11.28.8 Revenue Proposals 1390](#_Toc256001977)

[Part Y Regulatory Investment Test for Transmission 1390](#_Toc256001978)

[11.29 Rules consequent on making of the National Electricity Amendment (Regulatory Investment Test for Transmission) Rule 2009 1390](#_Toc256001979)

[11.29.1 Definitions 1390](#_Toc256001980)

[11.29.2 Period when Amending Rule applies to transmission investment 1391](#_Toc256001981)

[Part Z Congestion Information Resource 1391](#_Toc256001982)

[11.30 Rules consequent on the making of the National Electricity Amendment (Congestion Information Resource) Rule 2009 1391](#_Toc256001983)

[11.30.1 Definitions 1391](#_Toc256001984)

[11.30.2 Interim congestion Information resource 1392](#_Toc256001985)

[Part ZA Reliability and emergency reserve trader (2009 amendments) 1394](#_Toc256001986)

[11.31 Rules consequent on the making of the National Electricity Amendment (Improved RERT Flexibility and Short-notice Reserve Contracts) Rule 2009 1394](#_Toc256001987)

[11.31.1 Definitions 1394](#_Toc256001988)

[11.31.2 Purpose 1394](#_Toc256001989)

[11.31.3 Amendments to Reliability Panel's RERT Guidelines 1394](#_Toc256001990)

[11.31.4 Amendments to AEMO's RERT procedures for exercising the RERT 1395](#_Toc256001991)

[Part ZB Early Application of Market Impact Parameters 1395](#_Toc256001992)

[11.32 Rules consequent on the making of the National Electricity Amendment (Early Implementation of Market Impact Parameters) Rule 2010 1395](#_Toc256001993)

[11.32.1 Definitions 1395](#_Toc256001994)

[11.32.2 Purpose 1396](#_Toc256001995)

[11.32.3 Early application of the market impact component of the service target performance incentive scheme 1396](#_Toc256001996)

[Part ZC Transparency of operating data 1399](#_Toc256001997)

[11.33 Rules consequential on the making of National Electricity Amendment (Transparency of Operating Data) Rule 2010 1399](#_Toc256001998)

[11.33.1 Definitions 1399](#_Toc256001999)

[11.33.2 Spot market operations timetable 1399](#_Toc256002000)

[Part ZD Cost Recovery for Other Services Directions 1401](#_Toc256002001)

[11.34 Rules consequent on making of the National Electricity Amendment (Cost Recovery for Other Services Directions) Rule 2010 1401](#_Toc256002002)

[11.34.1 Definitions 1401](#_Toc256002003)

[11.34.2 Period when Amending Rules applies to funding of compensation 1401](#_Toc256002004)

[Part ZE Payments under Feed-in Schemes and Climate Change Funds 1401](#_Toc256002005)

[11.35 Rules consequential on the making of the National Electricity Amendment (Payments under Feed-in Schemes and Climate Change Funds) Rule 2010 1401](#_Toc256002006)

[11.35.1 Definitions 1401](#_Toc256002007)

[11.35.2 Application of recovery of jurisdictional scheme Rules 1402](#_Toc256002008)

[11.35.3 Reporting on jurisdictional schemes 1403](#_Toc256002009)

[11.35.4 Revocation and substitution of distribution determination for jurisdictional scheme recovery 1404](#_Toc256002010)

[Part ZF Transitional Arrangements for Ministerial Smart Meter Roll Out Determinations 1405](#_Toc256002011)

[11.36 Ministerial Smart Meter Roll Out Determinations 1405](#_Toc256002012)

[11.36.1 Definitions 1405](#_Toc256002013)

[11.36.2 Meaning of relevant metering installation 1405](#_Toc256002014)

[11.36.3 Period of application of rule to relevant metering installation 1405](#_Toc256002015)

[11.36.4 Designation of responsible person 1406](#_Toc256002016)

[11.36.5 [Deleted] 1406](#_Toc256002017)

[11.36.6 [Deleted] 1406](#_Toc256002018)

[Part ZG Provision of Metering Data Services and Clarification of Existing Metrology Requirements 1406](#_Toc256002019)

[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 1406](#_Toc256002020)

[11.37.1 Definitions 1406](#_Toc256002021)

[11.37.2 Commencement of special site or technology related conditions 1406](#_Toc256002022)

[11.37.3 Initial service level procedures 1406](#_Toc256002023)

[Part ZH Spot Market Operations Timetable 1407](#_Toc256002024)

[11.38 Rules consequential on the making of National Electricity Amendment (Amendments to PASA-related Rules) Rule 2010 1407](#_Toc256002025)

[11.38.1 Definitions 1407](#_Toc256002026)

[11.38.2 Spot market operations timetable 1407](#_Toc256002027)

[Part ZI DNSP Recovery of Transmission-related Charges 1408](#_Toc256002028)

[11.39 Rules consequential on the making of the National Electricity Amendment (DNSP Recovery of Transmission-related Charges) Rule 2011 1408](#_Toc256002029)

[11.39.1 Definitions 1408](#_Toc256002030)

[11.39.2 Recovery by Victorian distribution network service providers during current regulatory control period 1409](#_Toc256002031)

[11.39.3 Recovery by Victorian distribution network service providers for shared network augmentations 1409](#_Toc256002032)

[11.39.4 Bairnsdale network support agreement 1409](#_Toc256002033)

[11.39.5 Approval of pricing proposal 1409](#_Toc256002034)

[11.39.6 Ergon Energy transitional charges 1410](#_Toc256002035)

[11.39.7 Energex transitional charges 1410](#_Toc256002036)

[Part ZJ Network Support and Control Ancillary Services 1410](#_Toc256002037)

[11.40 Rules consequential on the making of the National Electricity Amendment (Network Support and Control Ancillary Services) Rule 2011 1410](#_Toc256002038)

[11.40.1 Definitions 1410](#_Toc256002039)

[11.40.2 Purpose 1410](#_Toc256002040)

[11.40.3 Existing NCAS contracts to continue 1410](#_Toc256002041)

[11.40.4 Amendments to existing guidelines 1411](#_Toc256002042)

[11.40.5 New procedures 1411](#_Toc256002043)

[11.40.6 Decisions and actions taken prior to Amending Rule 1411](#_Toc256002044)

[Part ZK Application of Dual Marginal Loss Factors 1411](#_Toc256002045)

[11.41 Rules consequential on the making of the National Electricity Amendment (Application of Dual Marginal Loss Factors) Rule 2011 1411](#_Toc256002046)

[11.41.1 Definitions 1411](#_Toc256002047)

[11.41.2 Amendments to loss factor methodology 1412](#_Toc256002048)

[11.41.3 Procedure applying dual intra-regional loss factors in central dispatch and spot market transactions 1412](#_Toc256002049)

[11.41.4 Publication of intra-regional loss factors 1412](#_Toc256002050)

[Part ZL Tasmania Tranche 5a Procedure Changes 1412](#_Toc256002051)

[11.42 Rules consequential on the making of the National Electricity Amendment (Tasmania Tranche 5a Procedure Changes) Rule 2011 1412](#_Toc256002052)

[11.42.1 Definitions 1412](#_Toc256002053)

[11.42.2 AEMO may amend Relevant Procedures 1413](#_Toc256002054)

[Part ZM Application and Operation of Administered Price Periods 1413](#_Toc256002055)

[11.43 Rules consequential on the making of National Electricity Amendment (Application and Operation of Administered Price Periods) Rule 2011 1413](#_Toc256002056)

[11.43.1 Definitions 1413](#_Toc256002057)

[11.43.2 Administered Price Cap Schedule 1413](#_Toc256002058)

[Part ZO Negative Intra-regional Settlements Residue 1414](#_Toc256002059)

[11.45 Rules consequential on the making of National Electricity Amendment (Negative Intra-regional Settlements Residue) Rule 2012 1414](#_Toc256002060)

[11.45.1 Definitions 1414](#_Toc256002061)

[11.45.2 Recovery of negative settlements residue prior to consultation under the Amending Rule 1414](#_Toc256002062)

[11.45.3 First consultation on negative intra-regional settlements residue procedure 1415](#_Toc256002063)

[Part ZP Interim Connection Charging Rules 1415](#_Toc256002064)

[11.46 Rules consequential to the insertion of Chapter 5A by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1415](#_Toc256002065)

[Division 1 Preliminary 1415](#_Toc256002066)

[11.46.1 Definitions 1415](#_Toc256002067)

[11.46.2 Extended meaning of some terms 1417](#_Toc256002068)

[11.46.3 Transitional operation of relevant provisions 1417](#_Toc256002069)

[Division 2 Jurisdictional differences 1418](#_Toc256002070)

[11.46.4 Exclusions, qualifications and modifications for ACT 1418](#_Toc256002071)

[11.46.5 Exclusions, qualifications and modifications for NSW 1419](#_Toc256002072)

[11.46.6 Exclusions, qualifications and modifications for Queensland 1420](#_Toc256002073)

[11.46.7 Exclusions, qualifications and modifications for SA 1421](#_Toc256002074)

[11.46.8 Exclusions, qualifications and modifications for Tasmania 1422](#_Toc256002075)

[11.46.9 Exclusions, qualifications and modifications for Victoria 1423](#_Toc256002076)

[Division 3 General provisions 1424](#_Toc256002077)

[11.46.10 Connection charges 1424](#_Toc256002078)

[11.46.11 References 1425](#_Toc256002079)

[Part ZQ NSW transitional retail support and credit support rules 1425](#_Toc256002080)

[11.47 Rules consequential on the insertion of Chapter 6B by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1425](#_Toc256002081)

[Division 1 Preliminary 1425](#_Toc256002082)

[11.47.1 Definitions 1425](#_Toc256002083)

[11.47.2 Application 1427](#_Toc256002084)

[11.47.3 Obligation to pay 1427](#_Toc256002085)

[11.47.4 Charging and billing 1427](#_Toc256002086)

[11.47.5 Interest on unpaid amounts 1428](#_Toc256002087)

[11.47.6 Circumstances where NSW DNSP may request credit support 1428](#_Toc256002088)

[11.47.7 Credit support 1428](#_Toc256002089)

[11.47.8 Credit support providers 1429](#_Toc256002090)

[11.47.9 NSW DNSP to determine required credit support amount 1429](#_Toc256002091)

[11.47.10 NSW Retailer to ensure credit support available 1429](#_Toc256002092)

[11.47.11 Drawing on credit support 1430](#_Toc256002093)

[11.47.12 Specific transitional arrangements 1430](#_Toc256002094)

[Part ZR Miscellaneous transitional rules—NERL 1430](#_Toc256002095)

[11.48 Rules consequential on the making of the National Electricity (National Energy Retail Law) Amendment Rule 2012 1430](#_Toc256002096)

[11.48.1 Extension of time period for AER to consider certain pass through applications 1430](#_Toc256002097)

[Part ZS Cost pass through arrangements for Network Service Providers 1431](#_Toc256002098)

[11.49 Rules consequential on the making of National Electricity Amendment (Cost pass through arrangements for Network Service Providers) Rule 2012 1431](#_Toc256002099)

[11.49.1 Definitions 1431](#_Toc256002100)

[11.49.2 Terrorism event is a cost pass through event in the current regulatory control period 1431](#_Toc256002101)

[11.49.3 Transitional arrangement for Powerlink 1431](#_Toc256002102)

[11.49.4 Transitional arrangements for ElectraNet and Murraylink 1432](#_Toc256002103)

[Part ZT Distribution Network Planning and Expansion 1432](#_Toc256002104)

[11.50 Rules consequential on the making of the National Electricity Amendment (Distribution Network Planning and Expansion) Rule 2012 1432](#_Toc256002105)

[11.50.1 Interpretation 1432](#_Toc256002106)

[11.50.2 Definitions 1432](#_Toc256002107)

[11.50.3 Timing for first Distribution Annual Planning Report 1433](#_Toc256002108)

[11.50.4 Contents of Distribution Annual Planning Report 1433](#_Toc256002109)

[11.50.5 Transition from the regulatory test to the regulatory investment test for distribution 1434](#_Toc256002110)

[Part ZU New Prudential Standard and Framework in the NEM 1435](#_Toc256002111)

[11.51 Rules consequential on the making of the National Electricity Amendment (New Prudential Standard and Framework in the NEM) Rule 2012 1435](#_Toc256002112)

[11.51.1 Definitions 1435](#_Toc256002113)

[11.51.2 AEMO's responsibility to develop and publish the credit limit procedures 1435](#_Toc256002114)

[11.51.3 Transition to the framework for determining prudential settings 1436](#_Toc256002115)

[11.51.4 Prior consultation, step, decision or action taken by AEMO 1436](#_Toc256002116)

[Part ZV Small Generation Aggregator Framework 1436](#_Toc256002117)

[11.52 Rules consequential on the making of the National Electricity Amendment (Small Generation Aggregator Framework) Rule 2012 1436](#_Toc256002118)

[11.52.1 Definitions 1436](#_Toc256002119)

[11.52.2 Commencement of participant fees as well as transactions, funding and settlements under Chapter 3 for Market Small Generation Aggregators 1437](#_Toc256002120)

[11.52.3 Participant fees for Market Small Generation Aggregators 1437](#_Toc256002121)

[11.52.4 Ancillary service transactions, funding of compensation for directions and intervention settlements for directions for Market Small Generation Aggregators 1437](#_Toc256002122)

[11.52.5 Amendments to the carbon dioxide equivalent intensity index procedures 1438](#_Toc256002123)

[11.52.6 Amendments of the metrology procedures 1439](#_Toc256002124)

[11.52.7 Amendments to the Market Settlement and Transfer Solution Procedures 1439](#_Toc256002125)

[Part ZW Economic Regulation of Network Service Providers (2012 amendments) 1439](#_Toc256002126)

[Division 1 Miscellaneous transitional provisions 1439](#_Toc256002127)

[11.53 Publication of Chapter 6 Guidelines 1439](#_Toc256002128)

[11.53.1 Shared Asset Guidelines 1439](#_Toc256002129)

[11.53.2 Capital Expenditure Incentive Guidelines 1440](#_Toc256002130)

[11.53.3 Rate of Return Guidelines 1440](#_Toc256002131)

[11.53.4 Expenditure Forecast Assessment Guidelines 1440](#_Toc256002132)

[11.53.5 Distribution Confidentiality Guidelines 1440](#_Toc256002133)

[11.53.6 Consultation procedure paper 1441](#_Toc256002134)

[11.54 Publication of Chapter 6A Guidelines 1441](#_Toc256002135)

[11.54.1 Shared Asset Guidelines 1441](#_Toc256002136)

[11.54.2 Capital Expenditure Incentive Guidelines 1441](#_Toc256002137)

[11.54.3 Rate of Return Guidelines 1441](#_Toc256002138)

[11.54.4 Expenditure Forecast Assessment Guidelines 1442](#_Toc256002139)

[11.54.5 Transmission Confidentiality Guidelines 1442](#_Toc256002140)

[11.54.6 Consultation paper procedure 1442](#_Toc256002141)

[Division 2 Transitional provisions for NSW/ACT Distribution Network Service Providers 1442](#_Toc256002142)

[11.55 General provisions 1442](#_Toc256002143)

[11.55.1 Definitions 1442](#_Toc256002144)

[11.55.2 Transitional Chapter 6 1443](#_Toc256002145)

[11.55.3 Application of rule 11.56 1445](#_Toc256002146)

[11.56 Special provisions applying to affected DNSPs 1445](#_Toc256002147)

[11.56.1 Requirement to make distribution determination 1445](#_Toc256002148)

[11.56.2 Transitional regulatory proposal 1445](#_Toc256002149)

[11.56.3 Distribution determination for a transitional regulatory control period 1446](#_Toc256002150)

[11.56.4 Subsequent regulatory control period 1451](#_Toc256002151)

[11.56.5 Review of past capital expenditure 1456](#_Toc256002152)

[Division 3 Transitional provisions for NSW and Tasmanian Transmission Network Service Providers and Directlink 1456](#_Toc256002153)

[11.57 General provisions 1456](#_Toc256002154)

[11.57.1 Definitions 1456](#_Toc256002155)

[11.57.2 Transitional Chapter 6A 1457](#_Toc256002156)

[11.57.3 Application of rule 11.58 1458](#_Toc256002157)

[11.58 Special provisions applying to affected TNSPs 1459](#_Toc256002158)

[11.58.1 Requirement to make transmission determination 1459](#_Toc256002159)

[11.58.2 Requirement to submit a transitional Revenue Proposal 1459](#_Toc256002160)

[11.58.3 Transmission determination for a transitional regulatory control period 1460](#_Toc256002161)

[11.58.4 Subsequent regulatory control period 1462](#_Toc256002162)

[11.58.5 Review of past capital expenditure 1467](#_Toc256002163)

[Division 4 Transitional provisions for the Victorian TNSP 1467](#_Toc256002164)

[11.59 Special provisions applying to the Victorian TNSP 1467](#_Toc256002165)

[11.59.1 Definitions 1467](#_Toc256002166)

[11.59.2 Application of rule 11.59 1468](#_Toc256002167)

[11.59.3 Former Chapter 6A/10 applies 1468](#_Toc256002168)

[11.59.4 Review of past capital expenditure 1468](#_Toc256002169)

[Division 5 Transitional provisions for Qld/SA and Victorian Distribution Network Service Providers 1469](#_Toc256002170)

[11.60 Special provisions applying to the Qld/SA and Victorian Distribution Network Service Providers 1469](#_Toc256002171)

[11.60.1 Definitions 1469](#_Toc256002172)

[11.60.2 Application of rule 11.60 1470](#_Toc256002173)

[11.60.3 Distribution determination for next regulatory control period 1470](#_Toc256002174)

[11.60.4 Re-opening of distribution determination for next regulatory control period 1472](#_Toc256002175)

[11.60.5 Review of past capital expenditure 1474](#_Toc256002176)

[Division 6 Review of past capital expenditure 1474](#_Toc256002177)

[11.61 Definitions and application 1474](#_Toc256002178)

[11.62 Review of past capital expenditure under Chapter 6 1475](#_Toc256002179)

[11.63 Review of past capital expenditure under Chapter 6A 1475](#_Toc256002180)

[Part ZX Inter-regional Transmission Charging 1476](#_Toc256002181)

[11.64 Rules consequent on the making of the National Electricity Amendment (Inter-regional Transmission Charging) Rule 2013 1476](#_Toc256002182)

[11.64.1 Definitions 1476](#_Toc256002183)

[11.64.2 Amendments to the pricing methodology guidelines 1476](#_Toc256002184)

[11.64.3 Amendments to the pricing methodologies of Transmission Network Service Providers 1476](#_Toc256002185)

[11.64.4 Commencement of clause 6A.23.3(f) for further adjustments 1477](#_Toc256002186)

[Part ZY Network Service Provider Expenditure Objectives 1477](#_Toc256002187)

[11.65 Rules consequent on the making of the National Electricity Amendment (Network Service Provider Expenditure Objectives) Rule 2013 1477](#_Toc256002188)

[11.65.1 Definitions 1477](#_Toc256002189)

[11.65.2 Application of rule 11.65 1477](#_Toc256002190)

[Part ZZ Access to NMI Standing Data 1478](#_Toc256002191)

[11.66 Rules consequent on the making of the National Electricity Amendment (Access to NMI Standing Data) Rule 2013 1478](#_Toc256002192)

[11.66.1 Definitions 1478](#_Toc256002193)

[11.66.2 Minor amendment of the Market Settlement and Transfer Solution Procedures 1478](#_Toc256002194)

[Part ZZA Publication of Zone Substation Data 1479](#_Toc256002195)

[11.67 Rules consequent on the making of the National Electricity Amendment (Publication of Zone Substation Data) Rule 2014 1479](#_Toc256002196)

[11.67.1 Definitions 1479](#_Toc256002197)

[11.67.2 Distribution Network Service Providers' obligations to commence on the next DAPR date 1479](#_Toc256002198)

[Part ZZB Connecting Embedded Generators 1479](#_Toc256002199)

[11.68 Rules consequential on the making of the National Electricity Amendment (Connecting embedded generators) Rule 2014 1479](#_Toc256002200)

[11.68.1 Definitions 1479](#_Toc256002201)

[11.68.2 Continuation of enquiries lodged 1479](#_Toc256002202)

[Part ZZC Customer access to information about their energy consumption 1480](#_Toc256002203)

[11.69 Rules consequential on the making of the National Electricity Amendment (Customer access to information about their energy consumption) Rule 2014 1480](#_Toc256002204)

[11.69.1 Definitions 1480](#_Toc256002205)

[11.69.2 AEMO to develop and publish the metering data provision procedure 1480](#_Toc256002206)

[Part ZZD National Electricity Amendment (Distribution Network Pricing Arrangements) Rule 2014 1480](#_Toc256002207)

[Division 1 Miscellaneous transitional provisions 1480](#_Toc256002208)

[11.70 General provisions 1480](#_Toc256002209)

[11.70.1 Definitions 1480](#_Toc256002210)

[11.70.2 Application of Part ZZB 1481](#_Toc256002211)

[11.71 Special provisions applying to SA TNSP 1481](#_Toc256002212)

[Division 2 Transitional provisions for NSW/ACT and Qld/SA Distribution Network Service Providers 1482](#_Toc256002213)

[11.72 General provisions 1482](#_Toc256002214)

[11.72.1 Definitions 1482](#_Toc256002215)

[11.73 Special provisions applying to affected DNSPs 1482](#_Toc256002216)

[11.73.1 Distribution determination and pricing proposals 1482](#_Toc256002217)

[11.73.2 Tariff structure statement 1483](#_Toc256002218)

[11.73.3 Dispute resolution 1489](#_Toc256002219)

[Division 3 Transitional provisions for Tasmanian Distribution Network Service Provider 1489](#_Toc256002220)

[11.74 Application of former Chapter 6 1489](#_Toc256002221)

[Division 4 Transitional provisions for Victorian Distribution Network Service Providers 1489](#_Toc256002222)

[11.75 General provisions 1489](#_Toc256002223)

[11.75.1 Definitions 1489](#_Toc256002224)

[11.76 Special provisions applying to affected DNSPs 1489](#_Toc256002225)

[11.76.1 Distribution determination and pricing proposals 1489](#_Toc256002226)

[11.76.2 Tariff structure statement 1490](#_Toc256002227)

[11.76.3 Dispute resolution 1496](#_Toc256002228)

[Part ZZE Early Application of Network Capability Component (STPIS) 1496](#_Toc256002229)

[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 1496](#_Toc256002230)

[11.77.1 Definitions 1496](#_Toc256002231)

[11.77.2 Purpose 1496](#_Toc256002232)

[11.77.3 Earlier application of the network capability component of the service target performance incentive scheme 1497](#_Toc256002233)

[Part ZZF National Electricity Amendment (Governance arrangements and implementation of the reliability standard and settings) Rule 2015 1499](#_Toc256002234)

[11.78 Rules consequent on the making of the National Electricity Amendment (Governance arrangements and implementation of the reliability standards and settings) Rule 2015 1499](#_Toc256002235)

[11.78.1 Definitions 1499](#_Toc256002236)

[11.78.2 Existing power system security and reliability standards 1499](#_Toc256002237)

[11.78.3 Reliability standard and settings guidelines 1500](#_Toc256002238)

[11.78.4 Reliability standard implementation guidelines 1500](#_Toc256002239)

[Part ZZG Improving demand side participation information provided to AEMO by registered participants 1502](#_Toc256002240)

[11.79 Rules consequential on making of the National Electricity Amendment (Improving demand side participation information provided to AEMO by registered participants) Rule 2015 1502](#_Toc256002241)

[11.79.1 AEMO to develop and publish the demand side participation information guidelines 1502](#_Toc256002242)

[Part ZZH Transitional Arrangements for Aligning TasNetworks' regulatory control periods 1503](#_Toc256002243)

[11.80 National Electricity Amendment (Aligning TasNetworks' regulatory control periods) Rule 2015 1503](#_Toc256002244)

[11.80.1 Definitions 1503](#_Toc256002245)

[11.80.2 Application of rule 11.80 1503](#_Toc256002246)

[11.80.3 Next regulatory control period 1503](#_Toc256002247)

[11.80.4 Subsequent regulatory control period 1503](#_Toc256002248)

[Part ZZI System Restart Ancillary Services 1504](#_Toc256002249)

[11.81 Rules consequential on the making of the National Electricity Amendment (System Restart Ancillary Services) Rule 2015 1504](#_Toc256002250)

[11.81.1 Definitions 1504](#_Toc256002251)

[11.81.2 System restart standard 1504](#_Toc256002252)

[11.81.3 SRAS Guideline 1504](#_Toc256002253)

[11.81.4 Regional Benefit Ancillary Services Procedures 1504](#_Toc256002254)

[11.81.5 Consultation prior to the Commencement Date 1504](#_Toc256002255)

[11.81.6 Existing SRAS Contract 1504](#_Toc256002256)

[Part ZZJ Demand management incentive scheme 1505](#_Toc256002257)

[11.82 Rules consequential on making of the National Electricity Amendment (Demand management incentive scheme) Rule 2015 1505](#_Toc256002258)

[11.82.1 Definitions 1505](#_Toc256002259)

[11.82.2 AER to develop and publish the demand management incentive scheme and demand management innovation allowance mechanism 1505](#_Toc256002260)

[Part ZZK AEMO access to demand forecasting information 1505](#_Toc256002261)

[11.83 Rules consequential on the making of the National Electricity Amendment (AEMO access to demand forecasting information) Rule 2015 1505](#_Toc256002262)

[11.83.1 AEMO to include supporting information in NTNDP database 1505](#_Toc256002263)

[Part ZZL Compensation arrangements following application of an Administered Price Cap or Administered Floor Price 1506](#_Toc256002264)

[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 1506](#_Toc256002265)

[11.84.1 Definitions 1506](#_Toc256002266)

[11.84.2 Compensation Guidelines 1506](#_Toc256002267)

[Part ZZM Common definitions of distribution reliability measures 1506](#_Toc256002268)

[11.85 Rules consequential on the making of the National Electricity Amendment (Common definitions of distribution reliability measures) Rule 2015 1506](#_Toc256002269)

[11.85.1 Definitions 1506](#_Toc256002270)

[11.85.2 Distribution reliability measures guidelines 1506](#_Toc256002271)

[11.85.3 Amended STPIS 1506](#_Toc256002272)

[Part ZZN Expanding competition in metering and metering related services 1507](#_Toc256002273)

[11.86 Rules consequent on making of the National Electricity Amendment (Expanding competition in metering and related services) Rule 2015 1507](#_Toc256002274)

[11.86.1 Definitions 1507](#_Toc256002275)

[11.86.2 References to old Chapter 7 1507](#_Toc256002276)

[11.86.3 References to provisions of the old Chapter 7 1507](#_Toc256002277)

[11.86.4 References to responsible person 1507](#_Toc256002278)

[11.86.5 Continued operation of old Rules until the effective date 1507](#_Toc256002279)

[11.86.6 New and amended procedures 1508](#_Toc256002280)

[11.86.7 Metering Coordinator for type 5 or 6 metering installation from effective date 1509](#_Toc256002281)

[11.86.8 Distribution Ring Fencing Guidelines 1511](#_Toc256002282)

[11.86.9 [Deleted] 1511](#_Toc256002283)

[Part ZZO Embedded Networks 1511](#_Toc256002284)

[11.87 Rules consequential on the making of the National Electricity Amendment (Embedded Networks) Rule 2015 1511](#_Toc256002285)

[11.87.1 Definitions 1511](#_Toc256002286)

[11.87.2 Amended Procedures and NMI Standing Data Schedule 1512](#_Toc256002287)

[11.87.3 ENM service level procedures and guide to embedded networks and list of Embedded Network Managers 1512](#_Toc256002288)

[11.87.4 Exemptions under section 13 of the National Electricity Law 1512](#_Toc256002289)

[Part ZZP Meter Replacement Processes 1513](#_Toc256002290)

[11.88 Rules consequential on the making of the National Electricity Amendment (Meter Replacement Processes) Rule 2016 1513](#_Toc256002291)

[11.88.1 Definitions 1513](#_Toc256002292)

[11.88.2 Amended Procedures 1513](#_Toc256002293)

[Part ZZQ Energy Adequacy Assessment Projection 1513](#_Toc256002294)

[11.89 Rules consequential to the National Electricity Amendment (Energy Adequacy Assessment Projection timeframes) Rule 2016 1513](#_Toc256002295)

[11.89.1 Amended guideline and timetable 1513](#_Toc256002296)

[Part ZZR Reliability and emergency reserve trader (2016 amendments) 1514](#_Toc256002297)

[11.90 Rules consequent on the making of the National Electricity Amendment (Extension of the Reliability and Emergency Reserve Trader) Rule 2016 1514](#_Toc256002298)

[11.90.1 Definitions 1514](#_Toc256002299)

[11.90.2 Amendments to Reliability Panel's RERT Guidelines 1514](#_Toc256002300)

[11.90.3 Amendments to AEMO's RERT procedures 1514](#_Toc256002301)

[11.90.4 Reserve contracts entered into before Schedule 2 commencement date 1514](#_Toc256002302)

[Part ZZS Updating the electricity B2B framework 1514](#_Toc256002303)

[11.91 Rules consequential on the making of the National Electricity Amendment (Updating the electricity B2B framework) rule 2016 1514](#_Toc256002304)

[11.91.1 Definitions 1514](#_Toc256002305)

[11.91.2 B2B Procedures 1515](#_Toc256002306)

[11.91.3 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1515](#_Toc256002307)

[11.91.4 The New IEC 1516](#_Toc256002308)

[11.91.5 Amended Procedures 1517](#_Toc256002309)

[11.91.6 B2B e-Hub Participant accreditation process 1518](#_Toc256002310)

[11.91.7 New IEC Budget and 2016 Annual Report 1518](#_Toc256002311)

[11.91.8 Cost recovery 1518](#_Toc256002312)

[Part ZZT Application of Offsets in the Prudential Margin Calculation 1519](#_Toc256002313)

[11.92 Rules consequential on the making of the National Electricity Amendment (Application of Offsets in the Prudential Margin Calculation) Rule 2016 1519](#_Toc256002314)

[11.92.1 Definitions 1519](#_Toc256002315)

[11.92.2 Amended procedures 1519](#_Toc256002316)

[Part ZZU Rate of Return Guidelines Review 1519](#_Toc256002317)

[11.93 Rules consequential on the making of the National Electricity Amendment (Rate of Return Guidelines Review) Rule 2016 1519](#_Toc256002318)

[11.93.1 Definitions 1519](#_Toc256002319)

[11.93.2 Application of current rate of return guidelines to making of a distribution determination for the subsequent regulatory control period 1521](#_Toc256002320)

[Part ZZV Demand Response Mechanism and Ancillary Services Unbundling 1521](#_Toc256002321)

[11.94 Rules consequential on the making of the National Electricity Amendment (Demand Response Management and Ancillary Services Unbundling) rule 2016 1521](#_Toc256002322)

[11.94.1 Definitions 1521](#_Toc256002323)

[11.94.2 Participant fees for Market Ancillary Service Providers 1521](#_Toc256002324)

[Part ZZW Local Generation Network Credits 1521](#_Toc256002325)

[11.95 Rules consequential on the making of the National Electricity Amendment (Local Generation Network Credits) Rule 2016 1521](#_Toc256002326)

[11.95.1 Definitions 1521](#_Toc256002327)

[11.95.2 System limitation template 1522](#_Toc256002328)

[Part ZZX Retailer-Distributor Credit Support Requirements 1522](#_Toc256002329)

[11.96 Rules consequent on the making of the National Electricity Amendment (Retailer Distributor Credit Support Requirements) Rule 2017 No. 1 1522](#_Toc256002330)

[11.96.1 Definitions 1522](#_Toc256002331)

[11.96.2 Continued operation of old Chapter 6B 1522](#_Toc256002332)

[11.96.3 Interaction with Chapter 6 1522](#_Toc256002333)

[11.96.4 Application of new Chapter 6B 1522](#_Toc256002334)

[Part ZZY Emergency Frequency Control Schemes 1523](#_Toc256002335)

[11.97 Rules consequent on the making of the National Electricity Amendment (Emergency frequency control schemes) Rule 2017 1523](#_Toc256002336)

[11.97.1 Definitions 1523](#_Toc256002337)

[11.97.2 Interim frequency operating standards for protected events 1523](#_Toc256002338)

[11.97.3 First power system frequency risk review 1524](#_Toc256002339)

[11.97.4 AEMO must review existing load shedding procedures 1524](#_Toc256002340)

[11.97.5 Load shedding procedures 1524](#_Toc256002341)

[Part ZZZ Transmission Connection and Planning Arrangements 1525](#_Toc256002342)

[11.98 Rules consequential on the making of the National Electricity Amendment (Transmission Connection and Planning Arrangements) Rule 2017 1525](#_Toc256002343)

[11.98.1 Definitions 1525](#_Toc256002344)

[11.98.2 Grandfathering of existing dedicated connection assets 1526](#_Toc256002345)

[11.98.3 Preparatory steps for registration changes under the Amending Rule 1526](#_Toc256002346)

[11.98.4 Participant fees for Dedicated Connection Asset Service Providers 1527](#_Toc256002347)

[11.98.5 Existing Connection Agreements 1527](#_Toc256002348)

[11.98.6 Connection process 1527](#_Toc256002349)

[11.98.7 Transmission Annual Planning Report 1528](#_Toc256002350)

[11.98.8 Preservation for adoptive jurisdictions 1528](#_Toc256002351)

[Part ZZZA Replacement expenditure planning arrangements 1528](#_Toc256002352)

[11.99 Rules consequential on the making of the National Electricity Amendment (Replacement expenditure planning arrangements) Rule 2017 1528](#_Toc256002353)

[11.99.1 Definitions 1528](#_Toc256002354)

[11.99.2 Interpretation 1529](#_Toc256002355)

[11.99.3 Transitional arrangements for affected DNSPs 1530](#_Toc256002356)

[11.99.4 Amendments to RIT documentation 1530](#_Toc256002357)

[11.99.5 Transitional arrangements relating to excluded projects 1530](#_Toc256002358)

[11.99.6 Transitional arrangements relating to Victorian bushfire mitigation projects 1530](#_Toc256002359)

[11.99.7 Transitional arrangements relating to review of costs thresholds 1531](#_Toc256002360)

[Part ZZZB Managing the rate of change of power system frequency 1531](#_Toc256002361)

[11.100 Rules consequential on the making of the National Electricity Amendment (Managing the rate of change of power system frequency) Rule 2017 1531](#_Toc256002362)

[11.100.1 Definitions 1531](#_Toc256002363)

[11.100.2 Inertia sub-networks 1532](#_Toc256002364)

[11.100.3 Inertia requirements methodology 1532](#_Toc256002365)

[11.100.4 Inertia requirements 1532](#_Toc256002366)

[11.100.5 NSCAS not to be used to meet an inertia shortfall after 1 July 2019 1533](#_Toc256002367)

[11.100.6 Inertia network services may be used to meet an NSCAS gap declared in the NSCAS transition period 1533](#_Toc256002368)

[11.100.7 Inertia network services made available before the commencement date 1534](#_Toc256002369)

[Part ZZZC Managing power system fault levels 1534](#_Toc256002370)

[11.101 Rules consequential on the making of the National Electricity Amendment (Managing power system fault levels) Rule 2017 1534](#_Toc256002371)

[11.101.1 Definitions 1534](#_Toc256002372)

[11.101.2 System strength impact assessment guidelines 1536](#_Toc256002373)

[11.101.3 System strength requirements methodology 1536](#_Toc256002374)

[11.101.4 System strength requirements 1536](#_Toc256002375)

[11.101.5 NSCAS not to be used to meet a fault level shortfall after 1 July 2019 1537](#_Toc256002376)

[11.101.6 System strength services may be used to meet an NSCAS gap declared in the NSCAS transition period 1537](#_Toc256002377)

[11.101.7 Withdrawal of a system strength-related NSCAS gap already declared 1538](#_Toc256002378)

[11.101.8 System strength services made available before the commencement date 1538](#_Toc256002379)

[Part ZZZD Generating System Model Guidelines 1538](#_Toc256002380)

[11.102 Making of Power System Model Guidelines 1538](#_Toc256002381)

[Part ZZZE Five Minute Settlement 1538](#_Toc256002382)

[11.103 Rules consequential on the making of the National Electricity Amendment (Five Minute Settlement) Rule 2017 1538](#_Toc256002383)

[11.103.1 Definitions 1538](#_Toc256002384)

[11.103.2 Amendments to procedures 1539](#_Toc256002385)

[11.103.3. Exemption for certain metering installations 1540](#_Toc256002386)

[11.103.4 New or replacement meters 1540](#_Toc256002387)

[11.103.5 Metering installations exempt from metering data provision requirements 1541](#_Toc256002388)

[11.103.6 Exemption from meter data storage requirements 1541](#_Toc256002389)

[11.103.7 Default offers and bids submitted prior to the commencement date 1541](#_Toc256002390)

[Part ZZZF Contestability of energy services 1541](#_Toc256002391)

[11.104 Rules consequential on the making of the National Electricity Amendment (Contestability of energy services) Rule 2017 1541](#_Toc256002392)

[11.104.1 Definitions 1541](#_Toc256002393)

[11.104.2 New guidelines 1543](#_Toc256002394)

[11.104.3 Transitional arrangements for application of Distribution Service Classification Guidelines and service classification provisions 1543](#_Toc256002395)

[11.104.4 Transitional arrangements for application of Asset Exemption Guidelines, exemption applications and asset exemption decisions 1543](#_Toc256002396)

[11.104.5 Transitional arrangements for adjustment in value of regulatory asset base 1545](#_Toc256002397)

[Part ZZZG Declaration of lack of reserve conditions 1545](#_Toc256002398)

[11.105 Making of lack of reserve declaration guidelines 1545](#_Toc256002399)

[11.105.1 Definitions 1545](#_Toc256002400)

[11.105.2 Making of lack of reserve declaration guidelines 1545](#_Toc256002401)

[Part ZZZH Implementation of demand management incentive scheme 1545](#_Toc256002402)

[11.106 Implementation of demand management incentive scheme 1545](#_Toc256002403)

[11.106.1 Definitions 1545](#_Toc256002404)

[11.106.2 Purpose 1546](#_Toc256002405)

[11.106.3 Early application of revised demand management incentive scheme 1546](#_Toc256002406)

[Part ZZZI Reinstatement of long notice Reliability and Emergency Reserve Trader 1547](#_Toc256002407)

[11.107 Rules consequential on the making of the National Electricity Amendment (Reinstatement of long notice Reliability and Emergency Reserve Trader) Rule 2018 1547](#_Toc256002408)

[11.107.1 Definitions 1547](#_Toc256002409)

[11.107.2 New RERT guidelines 1548](#_Toc256002410)

[11.107.3 Amendments to RERT procedures 1551](#_Toc256002411)

[11.107.4 Reserve contracts entered into before the commencement date 1551](#_Toc256002412)

[Part ZZZJ Register of distributed energy resources 1551](#_Toc256002413)

[11.108 Rules consequential on the making of the National Electricity Amendment (Register of distributed energy resources) Rule 2018 1551](#_Toc256002414)

[11.108.1 Definitions 1551](#_Toc256002415)

[11.108.2 AEMO to develop and publish DER register information guidelines 1552](#_Toc256002416)

[11.108.3 NSPs to provide AEMO with existing DER generation information 1552](#_Toc256002417)

[Part ZZZK Generator technical performance standards 1552](#_Toc256002418)

[11.109 Rules consequential on the making of the National Electricity Amendment (Generator technical performance standards) Rule 2018 1552](#_Toc256002419)

[11.109.1 Definitions 1552](#_Toc256002420)

[11.109.2 Application of the Amending Rule to existing connection enquiries 1553](#_Toc256002421)

[11.109.3 Application of the Amending Rule to existing applications to connect 1554](#_Toc256002422)

[11.109.4 Application of the Amending Rule to existing offers to connect 1556](#_Toc256002423)

[11.109.5 Application of the Amending Rule to Existing Connection Agreements 1556](#_Toc256002424)

[Part ZZZL Generator three year notice of closure 1557](#_Toc256002425)

[11.110 Rules consequential on the making of the National Electricity Amendment (Generator three year notice of closure) Rule 2018 1557](#_Toc256002426)

[11.110.1 Definitions 1557](#_Toc256002427)

[11.110.2 AER to develop and publish notice of closure exemption guideline 1557](#_Toc256002428)

[11.110.3 Application of Amending Rule to AEMO 1557](#_Toc256002429)

[11.110.4 Application of Amending Rule to Generators 1557](#_Toc256002430)

[Part ZZZM Participant compensation following market suspension 1558](#_Toc256002431)

[11.111 Rules consequential on the making of the National Electricity Amendment (Participant compensation following market suspension) Rule 2018 1558](#_Toc256002432)

[11.111.1 Definitions 1558](#_Toc256002433)

[11.111.2 Market suspension compensation methodology and schedule of benchmark values 1558](#_Toc256002434)

[Part ZZZN Global settlement and market reconciliation 1558](#_Toc256002435)

[11.112 Rules consequential on the making of the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 1558](#_Toc256002436)

[11.112.1 Definitions 1558](#_Toc256002437)

[11.112.2 Amendments to AEMO procedures 1559](#_Toc256002438)

[11.112.3 AEMO to publish report on unaccounted for energy trends 1559](#_Toc256002439)

[11.112.4 Continuation of registration for non-market generators 1559](#_Toc256002440)

[11.112.5 Publication of UFE data by AEMO 1559](#_Toc256002441)

[11.112.6 Publication of UFE reporting guidelines 1560](#_Toc256002442)

[Part ZZZO Metering installation timeframes 1560](#_Toc256002443)

[11.113 Rules consequential on making of the National Electricity Amendment (Metering installation timeframes) Rule 2018 1560](#_Toc256002444)

[11.113.1 Definitions 1560](#_Toc256002445)

[11.113.2 Timeframes for meters to be installed 1560](#_Toc256002446)

[Part ZZZP Early implementation of ISP priority projects 1561](#_Toc256002447)

[11.114 National Electricity Amendment (Early implementation of ISP priority projects) Rule 2019 1561](#_Toc256002448)

[11.114.1 Definitions 1561](#_Toc256002449)

[11.114.2 Modifications to clause 5.16.6 for ISP VNI and QNI projects 1562](#_Toc256002450)

[11.114.3 Modifications to clause 6A.8.2 for ISP projects 1563](#_Toc256002451)

[Part ZZZQ Enhancement to the Reliability and Emergency Reserve Trader 1565](#_Toc256002452)

[11.115 Rules consequential on the making of the National Electricity Amendment (Enhancement to the reliability and emergency reserve trader) Rule 2019 1565](#_Toc256002453)

[11.115.1 Definitions 1565](#_Toc256002454)

[11.115.2 New RERT guidelines 1566](#_Toc256002455)

[11.115.3 Amendments to RERT procedures 1566](#_Toc256002456)

[11.115.4 Reserve contracts entered into before the commencement date 1566](#_Toc256002457)

[11.115.5 Clause 3.20.6 (Reporting on RERT by AEMO) 1566](#_Toc256002458)

[Part ZZZR Retailer Reliability Obligation 1566](#_Toc256002459)

[11.116 Rules consequential on the making of the National Electricity Amendment (Retailer Reliability Obligation) Rule 2019 1566](#_Toc256002460)

[11.116.1 Application 1566](#_Toc256002461)

[11.116.2 Reliability Instrument Guidelines 1567](#_Toc256002462)

[11.116.3 Forecasting Best Practice Guidelines 1567](#_Toc256002463)

[11.116.4 Reliability Forecast Guidelines 1567](#_Toc256002464)

[11.116.5 AER Opt-in Guidelines 1568](#_Toc256002465)

[11.116.6 Contracts and Firmness Guidelines 1568](#_Toc256002466)

[11.116.7 Qualifying contracts under interim Contracts and Firmness Guidelines 1568](#_Toc256002467)

[11.116.8 Grandfathering arrangements 1568](#_Toc256002468)

[11.116.9 Reliability Compliance Procedures and Guidelines 1569](#_Toc256002469)

[11.116.10 MLO Guidelines 1570](#_Toc256002470)

[11.116.11 Application of Part G, Divisions 2 – 6 (inclusive) 1570](#_Toc256002471)

[11.116.12 Interim deeming of MLO generators and MLO groups 1571](#_Toc256002472)

[11.116.13 MLO information template 1577](#_Toc256002473)

[11.116.14 Initial MLO register 1578](#_Toc256002474)

[11.116.15 Approved MLO products list 1578](#_Toc256002475)

[11.116.16 Designated MLO exchange 1578](#_Toc256002476)

[11.116.17 Five minute settlement intervals 1578](#_Toc256002477)

[11.116.18 Review by AEMC 1578](#_Toc256002478)

[Part ZZZS Transparency of new projects 1579](#_Toc256002479)

[11.117 Rules consequential on the making of the National Electricity Amendment (Transparency of new projects) Rule 2019 1579](#_Toc256002480)

[11.117.1 Definitions 1579](#_Toc256002481)

[11.117.2 Generation information page 1579](#_Toc256002482)

[11.117.3 Generation information guidelines 1579](#_Toc256002483)

[11.117.4 Provision and use of information 1580](#_Toc256002484)

[Part ZZZT Demand management incentive scheme and innovation allowance for TNSPs 1580](#_Toc256002485)

[11.118 Rules consequential on the making of the National Electricity Amendment (Demand management incentive scheme and innovation allowance for TNSPs) Rule 2019 1580](#_Toc256002486)

[11.118.1 Definitions 1580](#_Toc256002487)

[11.118.2 AER to develop and publish the demand management innovation allowance mechanism 1580](#_Toc256002488)

[Part ZZZU Application of the regional reference node test to the Reliability and Emergency Reserve Trader 1581](#_Toc256002489)

[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 1581](#_Toc256002490)

[11.119.1 Definitions 1581](#_Toc256002491)

[11.119.2 AEMO intervention event in effect on commencement date 1581](#_Toc256002492)

[Part ZZZV Improving Transparency and Extending Duration of MT PASA 1581](#_Toc256002493)

[11.120 Rules consequential on the making of the National Electricity Amendment (Improving transparency and extending duration of MT PASA) Rule 2020 1581](#_Toc256002494)

[11.120.1 AEMO to update spot market operations timetable 1581](#_Toc256002495)

[Part ZZZW Victorian jurisdictional derogation – RERT contracting 1581](#_Toc256002496)

[11.121 Rules consequential on the making of the National Electricity Amendment (Victorian jurisdictional derogation - RERT contracting) Rule 2020 1581](#_Toc256002497)

[11.121.1 Definitions 1581](#_Toc256002498)

[11.121.2 Procedures 1582](#_Toc256002499)

[Part ZZZX Mandatory primary frequency response 1582](#_Toc256002500)

[11.122 Rules consequential on the making of the National Electricity Amendment (Mandatory primary frequency response) Rule 2020 1582](#_Toc256002501)

[11.122.1 Definitions 1582](#_Toc256002502)

[11.122.2 Interim Primary Frequency Response Requirements 1582](#_Toc256002503)

[11.122.3 Action taken prior to commencement 1583](#_Toc256002504)

[Part ZZZY System restart services, standards and testing 1583](#_Toc256002505)

[11.123 Rules consequential on the making of the National Electricity Amendment (System restart services, standards and testing) Rule 2020 1583](#_Toc256002506)

[11.123.1 Definitions 1583](#_Toc256002507)

[11.123.2 SRAS Guideline 1583](#_Toc256002508)

[11.123.3 System restart standard 1584](#_Toc256002509)

[11.123.4 Communication protocols 1584](#_Toc256002510)

[11.123.5 System restart tests 1584](#_Toc256002511)

[Part ZZZZ Introduction of metering coordinator planned interruptions 1584](#_Toc256002512)

[11.124 Rules consequential on the making of the National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 1584](#_Toc256002513)

[11.124.1 Definitions 1584](#_Toc256002514)

[11.124.2 Amendments of the metrology procedure 1585](#_Toc256002515)

[11.124.3 Market Settlement and Transfer Solutions Procedures 1585](#_Toc256002516)

[11.124.4 Requirements of the metrology procedure 1585](#_Toc256002517)